

**CITY OF CARMEL-BY-THE-SEA  
FOREST AND BEACH COMMISSION**

**SPECIAL MEETING AGENDA**

**Wednesday, 3 July 2013**

**Special meeting – 1:30 p.m.**

City Hall, Council Chambers  
East side Monte Verde St. between Ocean & 7<sup>th</sup> Avenues  
Carmel, California

**I. CALL TO ORDER AND ROLL CALL**

COMMISSION MEMBERS: TOM LEVERONE, CHAIRPERSON  
LESLIE KADIS  
KAREN FERLITO  
LISA BOARDMAN  
DAVID REFUERZO

**II. PLEDGE OF ALLEGIANCE**

**III. APPEARANCES**

Thank you for attending the meeting. Anyone wishing to address the Commission on matters within the jurisdiction of the Commission may do so now. Please state the matter on which you wish to speak. Matters not appearing on the Commission's agenda will not receive action at this meeting but may be referred to staff for a future meeting. Presentations will be limited to three minutes, or as established by the Commission. Persons are not required to give their name or address, but it is helpful for speakers to state their name in order that the Secretary may identify them.

**IV. CONSENT AGENDA**

1. Consideration of the minutes for the 6 June 2013 Regular meeting. Page 1.

**V. ORDERS OF BUSINESS**

1. Review and comment on FY 2013-14 road resurfacing projects. Page 4.
2. Review, discuss and provide direction on the Shoreline Management Plan Assessment. Page 7.
3. Review, discuss and provide direction on the Forest Management Plan Assessment. Page 13.

**VI. REPORTS FROM STAFF AND COMMISSIONERS**

1. Receive verbal report from the Ad Hoc Beach Committee. No page.
2. Forester's report. Page 19.
  - a. February tree data report.
  - b. Project updates.
  - c. Parks activities.
  - d. Beach activities.

## **VII. ADJOURNMENT**

Any writings or documents provided to a majority of the Forest and Beach Commission regarding any item on this agenda will be made available for public inspection in the Planning and Building Department located at City Hall, on Monte Verde between Ocean and 7<sup>th</sup> Avenues during normal business hours.

If there is not a special meeting, the next regular meeting of the Forest and Beach Commission will be:

1 August 2013

1:30 p.m. – Tour of Inspection

2:00 p.m. - Regular Agenda

The City of Carmel-by-the-Sea does not discriminate against persons with disabilities. The City of Carmel-by-the-Sea Telecommunication's Device for the Deaf /Speech Impaired (TDD) number is 1-800-735-2929.

**CITY OF CARMEL-BY-THE-SEA  
FOREST AND BEACH COMMISSION**

**REGULAR MEETING MINUTES**

Thursday June 6, 2013  
1:30 p.m.

**I. CALL TO ORDER AND ROLL CALL**

The regular meeting of the Forest and Beach Commission the City of Carmel-by-the-Sea, California was held on the above date at the hour of 1:30 p.m.

**PRESENT:** Lisa Boardman  
Karen Ferlito  
Les Kadis  
Tom Leverone - Chairperson  
David Refuerzo

**ABSENT:** None

**STAFF PRESENT:** Mike Branson, City Forester  
Margi Perotti, Secretary to the Forest and Beach Commission  
Sharon Friedrichsen, Public Services Director

**II. PLEDGE OF ALLEGIANCE**

Members of the audience joined the Commission in the Pledge of Allegiance.

**III. APPEARANCES**

Steve Brooks, representing Friends of Carmel Forest appeared before the Commission.

**IV. CONSENT AGENDA**

1. Consideration of the minutes for the 2 May 2013 regular meeting.

It was moved by REFUERZO and seconded by LEVERONE to approve the consent agenda. The motion carried by the following roll call vote:

**AYES:** COMMISSION MEMBERS: BOARDMAN, FERLITO, KADIS, REFUERZO,  
LEVERONE  
**NOES:** COMMISSION MEMBERS: NONE  
**ABSTAINED:** COMMISSION MEMBERS: NONE  
**ABSENT:** COMMISSION MEMBERS: NONE

**V. APPLICATIONS/PUBLIC HEARINGS**

1. Consideration of an application to remove one Monterey pine (36" diameter) due to the tree impinging on a wood deck. The site is located on the east side of Monte Verde Street, 5 south of 12<sup>th</sup> Avenue. The applicant and property owners are Iverson Tree Service for Matt Alexander.

Mike Branson, City Forester presented his staff report and addressed questions of the Commission. Harley Bradley appeared on behalf of Matt Alexander. No other appearances.

Chairperson LEVERONE moved to DENY the application and have the City Forester examine the base of the tree when the deck is removed and if the City Forester deems the tree to be safe, the deck should be replaced and designed to make room for the tree, seconded by Commissioner FERLITO and carried by the following roll call vote:

AYES: COMMISSION MEMBERS: FERLITO, KADIS, REFUERZO, LEVERONE  
NOES: COMMISSION MEMBERS: BOARDMAN  
ABSTAINED: COMMISSION MEMBERS: NONE  
ABSENT: COMMISSION MEMBERS: NONE

2. Consideration of an application to remove one Monterey pine (18" diameter) on private property due to roots impeding the sewer line. The site is located on the west side of Santa Rita Street, 3 north of 5<sup>th</sup> Avenue. The applicant and property owner is Gyll Meyer.

Commissioner Refuerzo excused himself as he lives within 500 feet of the above noted property.

Mike Branson, City Forester presented his staff report and addressed questions of the Commission. Gyll Meyer appeared before the Commission.

Following discussion, It was moved by Chairperson FERLITO and seconded by Chairperson LEVERONE moved approve the removal of the tree with the condition that the applicant work with the City Forester and identify appropriate size tree(s) to be planted on Santa Rita in the public right of way. The tree must be watered by the applicant; seconded by LEVERONE and carried by the following roll call vote:

AYES: COMMISSION MEMBERS: FERLITO, KADIS, REFUERZO, LEVERONE  
NOES: COMMISSION MEMBERS: BOARDMAN  
ABSTAINED: COMMISSION MEMBERS: NONE  
ABSENT: COMMISSION MEMBERS: NONE

## **V. ORDERS OF BUSINESS**

1. Determine a date and schedule a special meeting for July due to the regular meeting falling on a holiday.

By general consensus of the Commission the meeting date is moved to July 3, 2013 at the regular time of 1:30 p.m.

## **VII. REPORTS FROM STAFF AND COMMISSION**

1. Receive a verbal report from the Ad Hoc Beach Committee.

Commissioner REFUERZO presented his report and addressed questions of the Commission.

No public appearances.

2. Forester's Report.

Mike Branson, City Forester presented his reports and addressed questions of the Commission.

- a. February tree data report
- b. Project updates
- c. Parks activities
- d. Beach Activities

Steve Brooks appeared before the Commission.

**IV. ADJOURNMENT**

There being no further business, Chairperson LEVERONE adjourned the meeting at 3:28p.m.

Approved,

Respectfully submitted,

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Tom Leverone, Chairman

\_\_\_\_\_  
Margi Perotti, Secretary

## MEMORANDUM

**TO:** Tom Leverone, Chairperson  
Members of the Forest and Beach Commission

**FROM:** Sharon Friedrichsen, Public Services Director

**DATE:** 27 June 2013

**SUBJECT:** Review of proposed FY 13-14 Street and Road Projects

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City Policy C90-04 allows for the Forest and Beach Commission (“Commission”) to review street resurfacing and underground improvement projects to ensure that the greenbelt is preserved, protected and enhanced. In accordance with this policy, the proposed street and road repair projects planned for fiscal year 2013-14 are attached for Commission review.

In 2007, an independent consultant prepared a study on the condition of the City’s roads, using the pavement condition index (PCI), which is a measurement of pavement grade or condition. The PCI ranges from 0 to 100 whereby a newly constructed road would have a PCI of 100, while a failed road would have a PCI of 20 or less. The average 2007 PCI of the street network of the City is 74. This study, along with input from the City’s Engineer and Public Works Superintendent, form the basis for recommended street projects, based upon the amount of funding available. For Fiscal Year 2013-14, the City Council has allocated approximately \$760,000 for road projects. The proposed list of road projects is listed below and depicted on the attached map. The projects consist of patching and overlays, not reconstruction or other changes to the configuration of the roadway. There is no anticipated impact to the greenbelt.

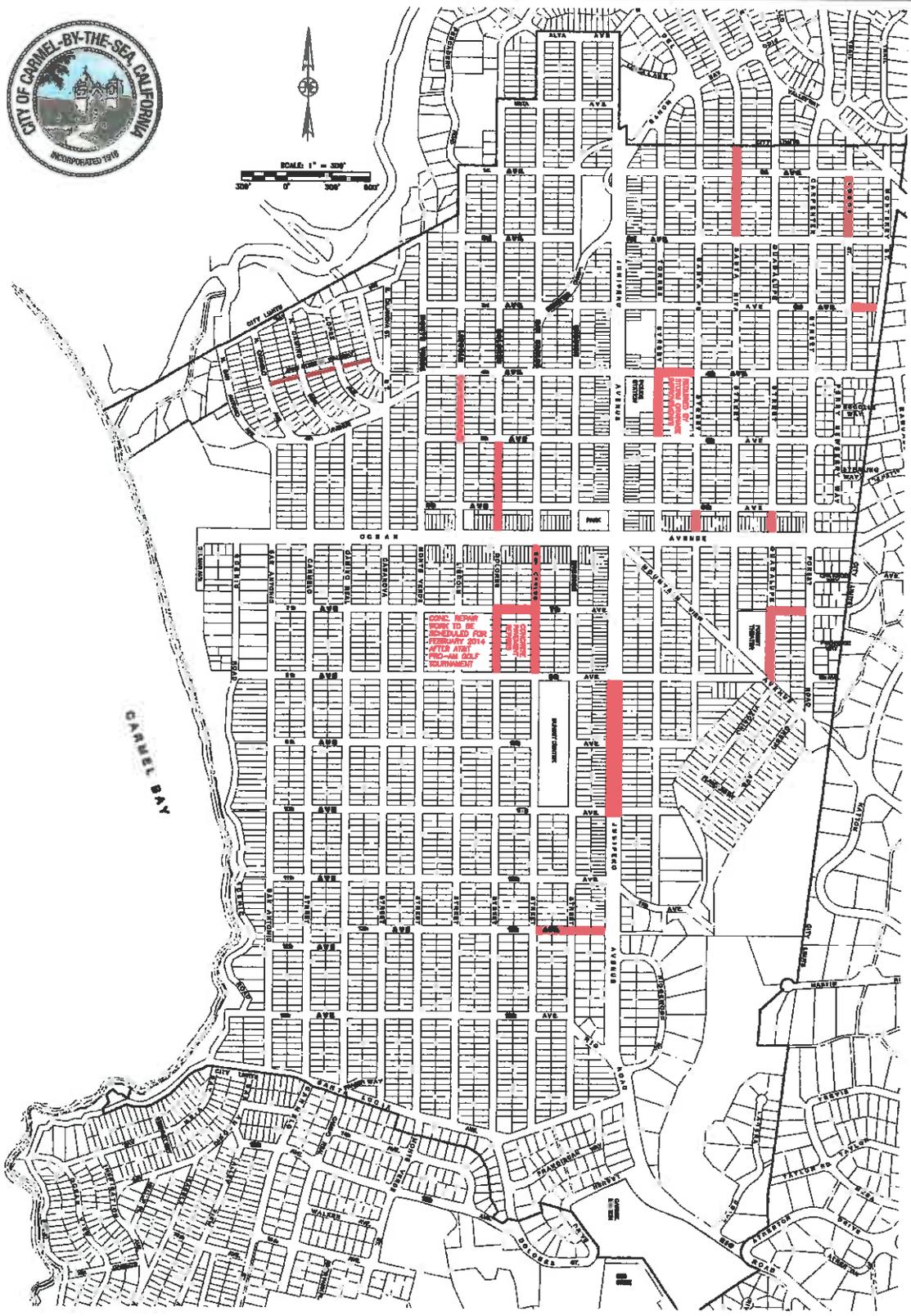
- Jane Powers walkway
- Santa Fe n. of Ocean
- Junipero to 9th & 10th
- Lobos: 1st & 2nd
- Guadalupe: 6th to Ocean
- Guadalupe: 7th to Mountain View
- Dolores: 5th to Ocean
- Dolores: 7th to 8th
- San Carlos: Ocean to 8th
- Lincoln: 4th to 5th
- 12th: Junipero to San Carlos
- Santa Rita: 2nd north to city limits
- 7th: Guadalupe to Forest
- 3rd: Lobos east to city limits

Staff is in the process of preparing for the anticipated road projects, including consulting with the City's Forester on the proposed projects. Two road projects (the n/w corner of Dolores and Ocean and n/e corner of Dolores and 5th) are impacted by protruding tree roots. However, there are efforts to mitigate the impact that should still safeguard the trees. No removal of trees is anticipated.

The next steps in the process include the preparation of the project specifications by the City's Engineer and commencing with a formal bid process. The contract is anticipated to be awarded by Council in September and the road projects to begin in October and completed by early November 2013.



SCALE: 1" = 300'



STREET IMPROVEMENTS GENERALLY CONSIST OF PAVEMENT PATCHING, ASPHALT CONCRETE OVERLAY.  
WORK TO BE SCHEDULED FOR SEPTEMBER/OCTOBER 2013 CONSTRUCTION

NELL ENGINEERS CORP. CARMEL, CALIFORNIA

### FY 2013-2014 STREET PROJECTS LOCATION MAP

CARMEL BY-THE-SEA, CALIFORNIA

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## MEMORANDUM

**TO:** Tom Leverone, Chairperson  
Members of the Forest and Beach Commission

**FROM:** Sharon Friedrichsen, Public Services Director  
Mike Branson, City Forester

**DATE:** 27 June 2013

**SUBJECT:** Shoreline Management Plan Assessment

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**Purpose:**

The City Council has made the review of the implementation of the Shoreline Management Plan and Forest Management Plan and update as necessary, including attention to rights-of-way and trail connectivity a key initiative for 2013. To facilitate this review, staff is providing a brief history of the plans, an assessment of the implementation status of the plans, a list of key projects proposed for the plans and a tentative schedule for the review of these documents. Hard copies of the Plans will be provided to Commissioners for the upcoming July meeting.

**Background:**

As stated in the City's Introduction to the General Plan and Local Coastal Plan ([http://ci.carmel.ca.us/tasks/sites/carmel/assets/File/general\\_plan/introduction.pdf](http://ci.carmel.ca.us/tasks/sites/carmel/assets/File/general_plan/introduction.pdf)), the General Plan is a comprehensive statement of the planning goals and policies for the City of Carmel-by-the-Sea and its surrounding Sphere of Influence. Carmel's General Plan has been combined with its Local Coastal Land Use Plan to ensure coordination of these two policy documents. The Coastal Land Use Plan sets forth goals, objectives, and policies that govern the use of land and water in Carmel-by-the-Sea consistent with Chapter 3 of the California Coastal Act of 1976 (as amended through January 2003). Chapter 3 of the California Coastal Act contains coastal resources planning and management policies that address public access, recreation, marine environment, land resources, development, and industrial development within four required elements of community character and development, circulation, coastal access and recreation and coastal resource management. The California Coastal Commission certified Carmel's Local Coastal Program (LCP) in 2004. The Shoreline Management Plan is an appendix to the LCP. *Therefore, any changes to the Shoreline Management Plan will constitute a change in the General Plan and Coastal Plan and require approve by the Planning Commission, City Council and Coastal Commission.*

The Shoreline Management Plan ("Plan") is divided various chapters pertaining to the features of the shoreline, access, landscape, recreational activities, erosion and response, public safety and monitoring and inspections. The Plan is available at

<http://ci.carmel.ca.us/carmel/index.cfm/linkservid/A2547786-3048-7B3D-C5855FD7F5BA7E22/showMeta/0/> and  
<http://ci.carmel.ca.us/carmel/index.cfm/linkservid/A2563880-3048-7B3D-C5ACB64CE0320FD1/showMeta/0/>

**Assessment:**

The attached scorecard assesses the current implementation status of the goals, objectives and policies, whereby green means the objective /policy has been fully implemented; yellow is partially implemented and red indicates it has not been implemented. Due to limited resources over the last nine years, the majority of the Plan has not been implemented on a regular basis. However, it should be noted that the fiscal year 2013-14 budget includes \$20,000 to address minor capital needs and assessments necessary to identify other long-term capital projects that may be needed to implement the Plan. Staff will be identifying items for improvements to present to the Commission for input.

**Recommendations/Next Steps/Direction:**

As the Commission commences with a review of the existing goals, objectives and policies, it will determine if any changes should be made to existing Plan as well as assist in prioritizing the implementation of existing policies based upon limited resources. Given the complexity and volume of the document, the Commission may either review the document in sequential order or view the document in a more thematic nature.

A proposed approach for the review is listed below:

**1. Shoreline, Pathway and Structures**

- Access (Section 3)
  - Stairway Assessment/Prioritization
  - Sand Ramps Assessment
  - Pedestrian Pathways
  - Parking
- Structural Landscape (Section 4)
  - Guardrails/Fences
  - Stairways
  - Restrooms
  - Foot wash station
  - Benches
  - *Other donation/sponsorship\**
- Shoreline Landscape (Section 4)
  - Revitalization of Beach Bluff Pathway

**2. Signage and Safety**

- Structural landscape (Section 4)
- Public Safety (Section 7)

**3. Recreation at the Beach**

- Structural landscape- fire pits (Section 4)
- Recreational Activities (Section 5)
- Public Safety- enforcement (Section 7)

**4. Shoreline Trees and Dunes Habitat Restoration**

- Shoreline Landscape (Section 4)
- **Coincide with review of Forest Management Plan and Del Mar Master Plan and Dunes Habitat Restoration\***

**5. Shoreline Assessments and Monitoring**

Shoreline Master Plan

Number	Page	Description	Management Policy	Status
2.5	2.11	Pursue scientific studies that document physical access at Carmel Beach park government funding for studies		ongoing
3.5	3.14	Provide maximum public access to and recreational use of shoreline		completed
3.5	3.14	Provide vertical access along shoreline at 1-2 block intervals		New beach access signs included in walkway/boardwalk project
3.5	3.14	Improve and sign vertical access at Fourth Avenue		Recently constructed pathway from 2nd to 4th
3.5	3.14	Consider development of pedestrian path from Jane Powers walkway to Fourth Avenue		Boardwalk & Startway constructed as part of DMP.
3.5	3.14	Investigate/implement opportunities to establish vertical access from North San Antonio to the beach		annual program - last work 3/13
3.5	3.14	Periodically reestablish sand dune at Ocean Avenue		annual program - last work 3/13
3.5	3.14	Re-establish/maintain vehicle and disabled access ramp south of Eighth Avenue		program
N/A	3.14	Maintain 9 beach stairs and three sand ramps		Not in line with capital plan
N/A	3.14	Permanent beach access stairway for Twelfth Avenue		completed
3.5	3.15	Enhance pedestrian access to shoreline from San Antonio Avenue using existing pedestrian access easements/drainage to connect San Antonio Avenue with Scripps Road at Eighth, Ninth, Tenth, Eleventh and Twelfth		planning and design project going to bid 3/13
3.5	3.15	Redirect surface storm water flows in these streets to underground culverts		completed
3.5	3.15	Establish final segment of CA Coastal Trail by connecting existing pedestrian paths and developing new paths		completed
3.5	3.15	Develop beach bluff pathway as part of CA Coastal Trail		completed
3.5	3.15	Coordinate with neighbors to increase public easements		
3.5	3.15	Coordinate with County to establish sand dune easement that is not on Park, Carmel Point, Beach Bluff, Highway and Millwright in San Simeon Forest		
3.5	3.15	Coordinate with County to establish pedestrian path from Carmel Point to Camino La Coma Trail		
3.5	3.15	Coordinate with County to establish pedestrian path from Carmel Point to Camino La Coma Trail		
3.5	3.15	Establish trail through existing Scripps Road and Carmel Point State Beach to Wilson, Mason, Trail Road, Highway and Beach Bluff Paths		
3.5	3.15	Develop Master Plan for Del Mar and North Dunes areas; amend Coastal Land Use Plan		DEIR was approved and is in the final stages of implementation.
3.5	3.16	Appoint ad hoc citizens committee to develop Del Mar and North Dunes Master Plan		planning the works for pathway.
3.5	3.16	Improve pedestrian circulation between Beach Bluff pathway at Eighth Avenue and Del Mar Avenue; paving lot		New DG walkway and curb runs from Carmel Gate to Ocean Ave.
3.5	3.16	Provide safe, pedestrian access from Carmel Gate to Ocean Avenue		Staff and consultants worked together on DMP.
3.5	3.16	Use staff and consultants to develop plan of balanced improvements		Completed as part of DMP
3.5	3.16	Consider reallocating parking		
3.5	3.16	Consider regular shuffling from low-traffic to designated parking area		
3.5	3.16	Consider construction of boardwalk in the North Dunes area		Boardwalk constructed as part of DMP.
3.5	3.16	Provide ADA access that blends with the beach		ADA boardwalk and viewing platform completed 3/13
3.5	3.16	Provide accounts and asphalt daily piling trash containers		Currently beginning the process of reviewing new trash enclosures.
3.5	3.16	Provide secure bicycle racks		Sign rack at Del Mar - needs maintenance
3.5	3.16	Support passive beach activities		ongoing
3.5	3.16	Provide driftwood - use for seating, fire pits, tables & benches		Two log benches recently approved near Del Mar parking area as addition to DMP.
3.5	3.16	Retain informal arrangement of volleyball courts		ongoing
3.5	3.16	Provide parking program for Carmel Beach		ongoing
3.5	3.16	Develop master plan for Del Mar parking		Challenging but high
3.5	3.16	Regulate beach dining during time limits		Beach restrooms recently approved by Planning Commission and City Council.
3.5	3.16	Provide free parking from 11 am to midday, scenic and Del Mar parking by permit at other times		no reservations planned
4.4	4.17	Limit development along shoreline that will encroach on public, including damage to environment and respect the neighborhood		Beach restrooms recently approved by Planning Commission and City Council.
4.4	4.17	Discourage further expansion of recreational activities into North Dunes		ongoing - the wash off at 8th due to no water available
4.4	4.18	Provide restroom facilities		ongoing
4.4	4.18	Repair existing restroom at Ocean/8th parking lot and consider a new existing facility		ongoing
4.4	4.18	Repair existing restroom at Ocean/8th parking lot and consider a new existing facility		ongoing
4.4	4.18	Maintain all wash-off stations at highways at Eighth, Eleventh, Thirteenth and South Dunes		ongoing
4.4	4.18	Perpetuate mix of native dune and horticultural plants in informal natural beach landscape		ongoing
4.4	4.18	Sustain/maintain Beach Bluff E-way design concept and landscape plant selection		ongoing
4.4	4.18	Authorize F&B Commission to review and approve minor design changes and plant selection		F&B has a monthly report on beach and pathway issues
4.4	4.18	Require coastal permit for significant changes		Planning Commission issues CIP's as necessary
4.4	4.18	Establish public easements at coastal landscape special interest areas that require identification and implementation		ongoing
4.4	4.18	Keep more seating along beach pathway		ongoing
4.4	4.18	Keep vegetation at San Antonio near pedestrian access easements pruned for safe visibility		ongoing
4.4	4.18	Continue use of cypress as predominant tree		ongoing
4.4	4.19	Maintain low to medium density (40-60) trees in the North Dunes		ongoing
4.4	4.19	Protect cypress from structural damage caused by high winds; develop proactive pruning program to reduce height/weight of limbs		ongoing

Shoreline Master Plan

4.4	4.19	Encourage neighborhood cooperation/volunteerism to assist with care of pathway landscaping.		
4.4	4.19	Maintain attractive mix of plant materials: native, drought-tolerant and non-invasive.		
4.4	4.19	Encourage extension of Pathway landscaping onto neighboring properties.		
4.4	4.19	All City owned property on Scenic Road into compliance with Plan.		
4.4	4.19	Encourage private property owners to share from plants used in Pathway design.		
4.4	4.19	Make presentation to Scenic Road Property Owners Association and share list of plants and local suppliers.		
4.4	4.19	Maintain vegetation and trees along shoreline in safe and healthy conditions.		
4.4	4.19	Encourage use of existing stairs/trailways and install landscaping barriers as short cuts and in many date restore damaged landscaping.		
4.4	4.19	Prune or repair trees immediately following fire to highlight within habitat.		
4.4	4.19	Prune vegetation as needed for health of plants and to prevent shading from growing too high and blocking view of ocean.		
4.4	4.20	Maintain natural dune ecology of Carmel beach and protect area of ocean from habitat loss.		
4.4	4.20	Restore dunes to improve habitat of Tidestrom lupine and other native plants.		
4.4	4.20	Improve habitat for preservation of CA black legless lizard.		
4.4	4.20	Avoid disturbance or degradation of resources when maintenance vehicles and equipment enter habitat areas.		
4.4	4.20	Retain as much botanical to monitor lupine and other species; assess annually to determine if population is stable, add fencing or barriers as needed.		
4.4	4.20	Protect fragile dunes and sensitive plants in Del Mar Coves and North Dunes against duplication of habitat.		
4.4	4.20	Restore, maintain and enhance degraded habitat in Del Mar Coves area to enhance environmental resources and protect habitat of Del Mar and North Dunes plants.		
4.4	4.21	Prevent further planting and spread of invasive species within dunes of Carmel beach.		
4.4	4.21	Remove non-native species.		
4.4	4.21	Implement Dunes Restoration Plan.		
4.4	4.21	Conduct lizard surveys and manage appropriately.		
4.4	4.21	Identify, protect and manage ESHA.		
4.4	4.21	Monitor, study and develop effective management of dunes.		
4.4	4.21	Maintain and enhance habitat areas in consultation with CA Dept. of Fish and Game and qualified biologist.		
4.4	4.21	Reduce introduction and spread of invasive species.		
4.4	4.21	Provide beach users with information about beach vegetation, facilities, amenities and local dog rules.		
4.4	4.21	Establish uniform signage program to better inform users of rules.		
4.4	4.21	Post beach access/pedestrian only signs at top of pedestrian easements.		
4.4	4.22	Install signage along Scenic Road to direct traffic and indicate beach parking hours.		
4.4	4.22	Use as few signs as possible/est-bush standards for total number of signs along shoreline.		
4.4	4.22	Consider besting signs at bottom of bluff.		
4.4	4.22	Use signs in aesthetically pleasing, easily seen, minimal size, brief in content, muted in color and uniform in design.		
4.4	4.22	Post educational/informative signs as appropriate.		
4.4	4.22	Use international symbols whenever possible; brief explanation of prohibitions and Mini Code.		
4.4	4.22	Maintain signs to ensure legibility; replace vandalized signs as soon as possible.		
4.4	4.22	Maintain signs at station; inciting fires must be 25 feet from base of bluffs and not allowed north of Venice Avenue.		
4.4	4.22	Use trash containers as location for educational and regulatory signs.		
4.4	4.22	Provide signage prohibiting fires in the dunes area; consider use of restroom stall for posting beach rules.		
4.4	4.22	New development: not contribute to erosion, destruction of area, etc.		
5.3	5.5	Provide wide variety of passive and active recreation while protecting beach environment.		
5.3	5.5	Maintain beach, park and open space resources to encourage use by residents and visitors.		
5.3	5.5	Establish and maintain public ownership of sandy beach from north to south city boundary.		
5.3	5.5	Allow surfing, fishing, picnicking, horse back riding, and typical beach games without restriction.		
5.3	5.5	Allow dogs on beach when on leash or voice control/ leash for Beach Bluff Pathway.		
5.3	5.5	Prohibit pet-dog instruments on Scenic Road, Beach Bluff Pathway and bluffs without a permit; prohibit sound equipment on beach without permit.		
5.3	5.5	Prohibit sales or commercial activities on Beach, above bluffs and in parking lot.		
5.3	5.5	Prohibit overnight camping on beach and bluffs.		
5.3	5.5	Allow alcohol consumption on beach until 10 pm.		
5.3	5.5	Prohibit bike and jogging on pedestrian access easements; equestrian and team activities on dirt Pathway.		
5.3	5.5	Prohibit private cars; suggest use of public marine vehicles on beach.		
5.3	5.6	Implement procedures and regulations for temporary events on beach.		
5.3	5.6	Prohibit motorized vehicles and motorized recreation equipment on beach, dunes and parkland.		
5.3	5.6	Restrictions on parking and traffic on Scenic, Del Mar Hill King lot, San Antonio and public right of way west of San Antonio require coastal development permits.		
5.3	5.6	Allow beach users to enjoy fires.		

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Shoreline Master Plan

5.3	5.6	Allow beach fires until 10 pm south of Tenth Avenue	ongoing per permit code
5.3	5.6	Install signs to indicate fires and distance and methods to extinguish fire with water	New signs in 2013-18 CIP
5.3	5.6	Continue Police Department enforcement of no fire regulation north of Tenth Avenue and in Del Mar and North Dunes area	ongoing as staffing allows
6.5	6.14	Continue Implementation of Shoreline Emergency Action Response Plan to minimize dangers to public safety and facilities caused by winter storms and natural disasters	ongoing
6.5	6.14	Prepare as built drawings showing armoring; indicate vertical and horizontal reference distances from surveyed benchmarks to survey points of each structure	completed
6.5	6.14	Construct new shoreline armoring in areas previously unprotected when required	ongoing
6.5	6.15	Evaluate storm water outfall system/ modify or remove outfalls and replace with filters or treatment devices	ongoing - dry weather diversion scheduled for 2013
6.5	6.15	Runoff from storm water outfalls conveyed onto Beach in non-erosive manner	complete
6.5	6.15	Prohibit construction of structures on Beach or Bay except where required to protect existing structure from erosion. Design review of structures	ongoing as needed
6.5	6.15	Designs of seawalls and revetments consistent with aesthetics of established structures	ongoing as needed
6.5	6.15	Use golden granite for exposed vertical seawalls; bury stone revetment with sand and native landscape	grantee addressed as required; and redistribution is an annual program
6.5	6.15	Evaluate replacer structures along Carmel Beach bluff southeast to Pescadero Creek to use facade materials complementary to those on Beach bluff south of Tenth Avenue	addressed as required
6.5	6.16	Maintain records of volumes of sand moved and volumes needed to cover revetments	ongoing
6.5	6.16	Minimize and mitigate impact of resources when performing sand redistribution	ongoing
7.4	7.4	Provide safe environment for beach users	ongoing
7.4	7.4	Consider establishing educational program to patrol beach and educate public on appropriate beach use and issue citations	warning signs at access points
7.4	7.4	Maintain 911 photos	ongoing
7.4	7.4	Post signs warning beach users about dangerous ocean conditions	warning signs at access points
N/A	8.1	Biannual erosion inspections and post-work and re-inspection by public works, public engineer and community armoring and rubble	
N/A	8.3	Monthly beach monitoring as required by permit. Commissioning work done to armors every five years (2003-2007)	
		Drainage (including) inspection reports for structural materials, measurements of bluffs, seawalls, retaining walls and other structures	
		Monitor water levels. Will record annually air pressure to determine depth and pressure to determine water level. Structure materials	
		Highway and landscaping	
8.4	8.10	Maintain SPOD updated for emergency use by helicopter above as part of the Marine Plan	
8.8	8.10	Establish and implement comprehensive shoreline management program	
8.8	8.11	Minimize erosion of bluffs	
8.8	8.11	Obtain and maintain digitized maps of shoreline	
8.8	8.11	Analyze historic beach trends using aerial photo analysis	
8.8	8.11	Update topographic information at least every 5 years to analyze shoreline changes	
8.8	8.11	Plan a series of permanent surveyed benchmarks inland of bluffs	
8.8	8.12	Protect public access, scenic roads and coast line while maintaining existing seawall and revetments	
8.8	8.12	Encourage use of existing stairs, trails and pathways to discourage off-trail short cut	
8.8	8.12	Perform monitoring and maintenance of shoreline facilities and structures throughout year	
8.8	8.12	Regrain sand level to usually and replace damaged vegetation as needed	
8.8	8.12	Prohibit placement of loose rock on beach unless part of revetment	
8.8	8.12	Protect at area/ tidal zone of beach for inter-tidal use	
8.8	8.12	Modification of shoreline structures to adhere to standards	
8.8	8.13	Explore alternatives to maintain sand elevation at Ocean Avenue	
8.8	8.13	Each spring inspect volume of sand and fill material if applicable to establish in previous sand at higher elevation	
8.8	8.13	Survey sand and beach bluff profiles in 2003, 2005, 2010 and 5 year intervals starting in 2010; profiles at winter levels and spring (prior to sand redistribution) summer (after distribution) and fall	
8.8	8.13	Use survey data to for seawalls and sand redistribution activities; seek beach nourishment and use criteria on 8.13	
8.8	8.13	Maintain Carmel Beach as public recreational resource	
8.8	8.14	Consider beach-related projects that address access and public safety and enhance bluffs	
8.8	8.14	Keep beach free of refuse	
8.8	8.14	Provide sufficient 55-gallon containers	
8.8	8.14	Regularly patrol beach and Del Mar parking lot remove litter and trash	trash containers available at every access point
8.8	8.14	Encourage volunteer program for beach and bluff clean up	Staff has weekly patrol for trash and weekly charcoal cleanup June - Sept
8.8	8.14	Regularly monitor seawalls and revetments by licensed engineer, minimum annual report with photos of structures taken during low sand elevations in winter months	CMAA has monthly cleanup Mar - Oct; Save our Shores has annual and more beach cleanups
8.8	8.14	Maintain shoreline armoring structures, irrigation, drainage and vegetation in functionally sound manner (page 8-13)	

## MEMORANDUM

**TO:** Tom Leverone, Chairperson  
Members of the Forest and Beach Commission

**FROM:** Sharon Friedrichsen, Public Services Director  
Mike Branson, City Forester

**DATE:** 27 June 2013

**SUBJECT:** Forest Management Plan Assessment

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**Purpose:**

The City Council has made the review of the implementation of the Shoreline Management Plan and Forest Management Plan and update as necessary, including attention to rights-of-way and trail connectivity a key initiative for 2013. To facilitate this review, staff is providing a brief history of the plans, an assessment of the implementation status of the plans, a list of key projects proposed for the plans and a tentative schedule for the review of these documents. Hard copies of the Plans will be provided to Commissioners for the upcoming July meeting.

**Background:**

As stated in the City's Introduction to the General Plan and Local Coastal Plan ([http://ci.carmel.ca.us/tasks/sites/carmel/assets/File/general\\_plan/introduction.pdf](http://ci.carmel.ca.us/tasks/sites/carmel/assets/File/general_plan/introduction.pdf)), the General Plan is a comprehensive statement of the planning goals and policies for the City of Carmel-by-the-Sea and its surrounding Sphere of Influence. State law requires each community to adopt, and periodically update its General Plan, which contains seven specific elements: Land Use, Circulation, Housing, Conservation, Open Space, Noise, and Safety. Carmel's General Plan has been combined with its Local Coastal Land Use Plan to ensure coordination of these two policy documents. The Coastal Land Use Plan sets forth goals, objectives, and policies that govern the use of land and water in Carmel-by-the-Sea consistent with Chapter 3 of the California Coastal Act of 1976 (as amended through January 2003). Chapter 3 of the California Coastal Act contains coastal resources planning and management policies that address public access, recreation, marine environment, land resources, development, and industrial development within four required elements of community character and development, circulation, coastal access and recreation and coastal resource management. Appendices to the General Plan include the Forest Management Plan, Mission Nature Preserve and the Del Mar Master Plan, among others. *Therefore, any changes to the Forest Management Plan will constitute a change in the General Plan and Coastal Plan and require approve by the Planning Commission, City Council and Coastal Commission.*

The Forest Management Plan contains four goals listed below. Under these four goals are 15 objectives and 56 policies. (See

1. Preserve and enhance the City's legacy of an urbanized forest of predominately Monterey pine, coast live oak and Monterey cypress
2. Maintain and enhance the informality of streetscapes
3. Preserve and acquire open space and parks
4. Conserve water and minimize storm runoff

**Assessment:**

The attached scorecard assesses the current implementation status of the objectives and policies, whereby green means the objective /policy has been fully implemented; yellow is partially implemented and red indicates it has not been implemented. The majority of the objectives and policies has been implemented and are considered ongoing functions of the department. Items in yellow have largely not been fully implemented due to limited resources. Items that have not been implemented on either on an ongoing basis or not at all include:

1. Maintain map and database of trees and landscaped areas to support tree planting and maintenance programs (O9-36)
2. Establish and implement tree canopy policies for commercial district (P9-209)
3. Negotiate with PUC and utility companies to adopt minimal line clearance standards to give attention to Carmel's forest (P9-228)
4. Investigate ways to discourage large trucks from using streets with low tree limbs (P9-232)
5. Undertake an active program of community outreach and education in Appendix A (P9-231)
6. Publish timely tree care articles in local news media (P9-240)
7. Provide Council and Planning Commission with information on annual basis from tree survey regarding projected changes in composition of forest and recommendations for policy amendments in Appendix A (P9-242)
8. Maximize amount of open space in the City by establishing development fees and other methods to fund open space acquisition (09-46)
9. Resist the transfer of open space to other uses (P9-251)
10. Encourage rezoning open space (P9-252)
11. Actively pursue preservation of existing open space within City sphere of influence (P9-253)

Of these red status items, items #1, 2, 4, 6 and 7 are accomplishable by departmental staff with the assistance of the Commission, should the Commission decide to continue to implement and/or focus on these existing objectives and policies this fiscal year. Other items (#3, 4, 8, 9, 10 and 11) are largely policy and opportunity driven and outside the control of the department.

**Recommendations:**

Staff does not find any of the existing goals, objectives or policies to be problematic from an implementation viewpoint. Rather, the lag in implementation has largely been based upon limited resources. Consequently staff recommends the following options to the Commission:

1. Commence with a review of the existing goals, objectives and policies to determine if any changes should be made and with an emphasis on prioritizing existing objectives and policies that may be accomplished with existing resources.
2. Based upon prioritization, provide direction to staff on an annual work plan that includes implementation strategies.
3. Continue to review existing ordinances and policies for consistency and possible amendments, such as, but not limited to:
  - a. Consistency in diameter of tree for tree permits
  - b. Strengthening requirements for gardeners and landscape companies
  - c. Requiring permits for tree trimming
  - d. In-lieu fee for tree bank for tree removal/replanting
4. Review trail connectivity and options, per Council directive, as part of Forest Management Plan and Shoreline Management Plan Review.

**Next Steps/Direction:**

The Commission will need to provide direction on:

1. Timing of the Review: FMP Review before, after or simultaneously with the Shoreline Management Plan. Staff recommends after the Shoreline Management Plan.
2. Extent the Commission would also like to review the Mission Trail Nature Preserve Master Plan. Staff recommends including a presentation from the MNTP Friends on its strategic plan and annual work plan efforts.
3. Additional materials or information to be provided by staff to facilitate the review process.

Forest Management Plan

Number	Page	Description	Management Policy	Status	Responsible Party
09-35	6	Maintain FB Commission and FPB Department that has responsibility and jurisdiction for health and well-being of forest, parks and beaches		FPB is a division of Public Services Dept 2013	CC
P9-202	6	Review periodically existing tree-related ordinances and policies in Forest Management Plan/LCP and proposed changes as needed		FBC proposed revision to monitoring tree planting in works. Other review still to do.	Forestry
P9-203	6	Coordinate forest program in accordance with a coherent body of laws, goals, policies, and guidelines		ongoing practice	Forestry
P9-204	6	Coordinate functions of urban forest program with FPB Director		City Forester coordinate with urban forest program	Forestry
P9-205	6	Commit resources to support programs		resources committed per budget allocation	CC
09-36	6	Maintain goals and objectives of trees and landscaped areas to support tree planting			Forestry
P9-206	7	Complete citywide survey and database update every 4 years		Completed in cooperation with Friends of Carmel Forest	Forestry
P9-206	7	Report annually to FBC and PC on survey and replacement trees required by permit		Periodic reports to FBC; no report to PC	Forestry
09-37	7	Maintain, restore and enhance predominant indigenous forest of native Monterey pines and coast live oaks		Property owners are often required to plant trees as a condition of planning approval. City staff plant additional trees on public property. Tree	Planning & Forestry
P9-208	7	Implement adopted tree density policies for private and public property		Property owners are often required to plant trees as a condition of planning approval. available on city web site.	Planning & Forestry
P9-209	7	Maintain list of tree species that qualify for tree density and replacement		not developed	Forestry & IT
P9-210	7	Establish and implement tree canopy points for commercial district			Forestry
P9-211	7	Maintain, restore and enhance predominant indigenous forest of native Monterey pines and coast live oaks		ongoing practice	Forestry
P9-213	7	Review all projects involving an increase in lot coverage or tree removal to apply tree density policy.		ongoing practice	Forestry
P9-213	7	Preserve upper/lower canopy trees when planning and implementing residential		In the planning phase projects are reviewed for protection and preservation of trees.	Planning & Forestry
P9-215	7	Use tree species and sizes well adapted for each planting site		ongoing practice	Forestry
P9-216	7	Manage the tree planting program to achieve uneven aged healthy forest		ongoing practice - trees planted every year	Forestry
09-38	7	Management policies, standards and procedures to regulate removal, pruning and replacement of trees on private property		In place	Forestry
P9-218	8	Permit City Forester to act on requests for the removal and pruning of all trees growing on public or private property		ongoing practice	CC
P9-220	8	Permit City Forester to apply special procedures for tree removal and pruning during emergencies		adopted city policy	CC
P9-221	8	Record and monitor replacement trees to ensure establishment and maturity		under development	Forestry
P9-222	8	Require ample/appropriate landscaping and tree planting on all sites		landscaping plan is required on large construction sites.	Planning & Forestry
P9-223	8	Require a document site assessment or meeting between planner, forester and property owner/developer at each proposed construction site to discuss tree preservation and planting prior to plans being drawn		ongoing practice	Planning & Forestry
P9-224	8	Evaluate, protect and preserve all trees on sites prior to, during and after construction		ongoing practice	Planning & Forestry
09-39	8	Perform all tree work and landscaping in accordance with City codes, policies and uniform planting practices		Tree work follows adopted standards. Landscaping is in accordance with City Codes as required as part of planning approval.	Planning & Forestry
P9-225	8	Maintain close cooperation among all public agencies, tree services, arborists, landscape architects, gardeners and utility companies affecting the urban forest		ongoing practice	Forestry
P9-227	8	Provide comprehensive training program for City staff and encourage employees to become certified arborists or certified tree workers		training needs improvement	Forestry & Admin.
P9-228	9	Separate with SUC and utility companies to adopt minimal tree clearance standards to give attention to Carmel's forest			???
P9-19	9	Promote the undergrounding of utilities where possible and with minimum detriment to the root system		CMC 13.28 addresses requirements for undergrounding in association with construction.	Planning, Building & Forestry
09-40	9	Maintain a healthy forest		ongoing practice	Forestry

Forest Management Plan

P9-229	9	Work in concert with others to address acute concerns of the health of the forest	ongoing practice	Forestry
P9-230	9	Monitor tree pet and disease problems and take appropriate measures to minimize the impacts	ongoing practice	Forestry
P9-231	9	Foster healthy and disease resistant trees and avoid widespread application of pesticides	ongoing practice	Forestry
P9-232	9	Investigate ways to discourage large trucks from using streets with low tree limbs		Forestry & PD
P9-233	9	Plant native Monterey pine seedlings of different genotypes to maximize resistance to disease and make seedlings available to public	ongoing practice	Forestry
P9-235	9	Properly dispose of diseased trees and recycle tree waste	ongoing practice	Forestry
P9-226	9	Require all City departments, utility companies, tree service companies, arborists, landscapers and gardeners adhere to adopted tree maintenance standards, policies and guidelines	Tree services, arborists, city staff use adopted standards etc., others should also abide by standards, codes, policies	Forestry, Planning
O9-41	9	Educate and involve the public in tree issues	mailings, articles, workshops, and Arbor Day have been used	Forestry
P9-231	9	Oversee an active program of community workshops and education in appendix A		Forestry
P9-240	10	Publish timely tree care articles in local news media	ongoing practice	Forestry
P9-241	10	Encourage monetary contributions in support of urban forest program in appendix A		Forestry
P9-242	10	Provide Council and PC with information on annual basis for tree survey regarding projects that change the composition of forest and recommend actions the policy amendments in appendix A	Friends of Carmel Forest, Friends of Mission Trail Nature Preserve	Forestry
P9-243	10	Involve citizen groups in forestry programs		Forestry
O9-42	10	Remove/reduce unnecessary or excessive hardscape and other nonconforming encroachments to parkland and within street right of way to provide for and promote planting of trees and native vegetation	ongoing practice	Forestry & Planning
P9-244	10	Require at the issuance of a building permit, the abatement or retroactive approval of nonconforming encroachment in the public right of way	Encroachments are identified and addressed in the planning phase of construction projects.	Planning & Building
P9-245	10	Look for opportunities to reduce/eliminate hardscape areas on public and private lands	Hardscape is identified and addressed in the planning phase of construction projects.	Planning
O9-43	10	Use municipal parks and islands for planting trees, with emphasis on natives	ongoing practice	Forestry
P9-247	10	Identify opportunities for street reconstruction projects	ongoing practice	Forestry & Planning
P9-248	10	Recognize narrow street paving, roadside vegetation and overhead canopy as important elements	ongoing practice	Forestry, Planning, PW
O9-44	11	Incorporate adequate landscaping and trees of the urbanized forest in all public construction projects	Addressed in planning phase of public projects.	Planning & Forestry
P9-249	11	City staff shall involve FPB staff on planning and implementation stages of the project	needs improvement	Planning, PW, Admin.
P9-250	11	Include funding for the design and installation of landscaping as part of each public project	depends on scale of project, funding source, and availability of maintenance personnel	CC, Planning, Forestry
O9-46	11	Maximize amount of open space in the city by establishing development fees and other methods to fund open space acquisition		CC
P9-251	11	Revisit the transfer of open space to other uses		CC
P9-252	11	Encourage planting open space		CC
P9-253	11	Actively pursue preservation of existing open space within City sphere of influence		CC
O9-47	11	Open sites that are non-conforming with standards for permeable surface lot coverage when applications for tree removal or pruning permits are filed	Construction sites are referred to planning office	Planning & Forestry
P9-254	11	Restore/maintain open space to its natural state	ongoing practice	Forestry & Planning
P9-256	11	Establish and implement a procedure for removal of invasive vegetation	ongoing practice	Forestry
P9-260	12	Identify/protect ESA's against significant disruption of habitat values	ongoing practice	Planning & Forestry
P9-261	12	Provide for public access and passive enjoyment of city parks and open space	ongoing practice	CC
O9-48	12	Optimize public use of City parks	ongoing practice	CC & PW
P9-258	12	Implement the recommendations of all existing Master Plans (MTSP, Shoreline, Forest Hill Park)		CC, Planning, Forestry, P
P9-259	12	considering prioritized needs and available funding	ongoing practice	ALL Depts.
O9-49	12	Develop and implement specific plans, master plans or other programs in other areas where needed	ongoing practice	CC & Planning
O9-49	12	Maximize retention of surface water on each site through site design and use of best management practice	Drainage plans are required with construction drawings to ensure retention of water.	Planning & Building

Forest Management Plan

P9-262	12	Where feasible, direct street runoff to open space area on public or private property for percolation into the soil.				Planning & PW
P9-263	12	New construction plans should include design features to enhance surface water percolation.				Planning
P9-264	12	Encourage homeowners to absorb surface water on their own property.				Planning
O9-49	12	Landscaping with drought tolerant plants, shrubs and trees of the urbanized forest.				Planning & Forestry
P9-266	13	Provide to the public an established list of indigenous and non-indigenous drought tolerant plants.				Forestry & IT
P9-267	13	Require approval of landscape plans for drought tolerance and trees by sign on new construction at final design review or before issuing a building permit.				Planning & Forestry
O9-50	13	Minimize the use of potable water for landscape irrigation.				Planning & Forestry
P9-268	13	Use low output sprinkler heads or drip irrigation for landscape irrigation systems.				Planning & Forestry
P9-269	13	Use on-site water retention devices to capture precipitation to surface runoff for landscape maintenance purposes.				Building & Forestry
					other sites evaluated on cost/benefit	Planning

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City Trees Removed (upper/lower)	JUNE 14(13/1)	YTD 45 (30/15)	2012 96	JUNE 1 (1/0)	YTD 31(18/13)	2012 73
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City Trees Removed (upper/lower)	JUNE 14(13/1)	YTD 45 (30/15)	2012 96	JUNE 1 (1/0)	YTD 31(18/13)	2012 73
e/ Junipero bet. Lorca Ln. & Vista						
w/ CDM bet. Lorca & Junipero						
s/ Lorca Ln. bet. CDM & Junipero						
FHP - at east gate to tennis courts						
e/ Mission bet. Alta & Vista						
e/ Mission bet Alta & Vista						
w/ Santa Rita bet. 1st & 2nd						
se 6th & Santa Rita						
c/ Junipero bet. 6th & Ocean						
w/ Junipero bet. 10th & 11th						
se 13th & San Carlos						
e/ Dolores bet. 12th & 13th						
Forest Tbeater						
w/ Carmelo bet 2nd & 4th						
n/ 3rd bet Torres & Junipero						
						15 gal. Deodar cedar

Private Removal Permits (upper/lower)	11(8/4)	46(29/27)	60	10(6/4)	26(12/14)	20
e/ Mission bet. 9th & 10th						
n/ 1st bet Torres & CDM						
nw Dolores & 13th						
se 5th & San Carlos						
w/ Santa Rita bet. 4th & 5th						
nw Santa Lucia & Mission						
nw Junipero & Vista						
e/ Vizcaino bet. Flanders & Mt. View						
w/ Monte Verde bet 4th & 5th						
e/ Camino Real bet Ocean & 7th						
sw Camino Real & 11th						

Construction Permits (remove/ prune)	1(1/0)	13(8/5)	(68/)	0(0/0)
w/ Monte Verde bet 2nd & 3rd				
6" Monterey pine				

Private Pruning Permits	2	8
w/ Carpenter bet 4th & 5th		
w/ San Antonio bet 9th & 10th		

City Pruning by contractors	77	90
level I - total tree		
level II - hazard /emergency	1	7
level III - specific purpose	0	6

Contracts	Issued	Planted
Nerson Tree Service		
Remove 12 dead trees		
West Coast Arborists		
Grid pruning contract		

Construction Finals	Issued	Planted
n/ Santa Lucia between Rio & San Car.	5/22/2012	15 gal. cypress, 15 gal CLO

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