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TO: COMMISSIONERS AND INTERESTED PERSONS

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SUBJECT: Staff Recommendation: Report to Los Angeles County on Marina del Rey Periodic LCP Review

This is the report evaluating the implementation of the Marina del Rey LCP pursuant to Section 30519.5 of the Coastal Act. The **staff recommends that the Commission open and continue the public hearing** on the accompanying Report to allow for an additional public comment period.

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Executive Summary

The Coastal Act requires the Commission to evaluate the implementation of the certified LCP and determine whether the LCP is being effectively implemented in conformity with the policies of the Coastal Act. The Periodic LCP Review not only assesses progress in carrying out the certified LCP, it also provides a chance to suggest updates to the LCP to address cumulative impacts, new information on coastal conditions and emerging issues that perhaps were not fully known or appreciated when the LCP was originally prepared. The review of the Marina del Rey LCP is also important because this LCP represents a significant partnership: boating facilities in the waters of the Marina remain in the Commission's continuing permit jurisdiction and the landside development is within County's permit jurisdiction and most development in the Marina has both landside and marine components. Moreover, all waterside parcels are in the Commission appeal jurisdiction.

The LCP for the Los Angeles County Marina del Rey segment was effectively certified and permit authority transferred in 1990. The LCP was updated in 1996. All but three major parcels in the Marina were built out before passage of Proposition 20. Only one parcel now is vacant. And, before certification of the LCP, the Commission approved a number of large projects adjacent to the Marina.

Overall, the County actions have resulted in significant accomplishments in carrying out key provisions of its certified LCP. Among its coastal management achievements, the County has implemented major new shoreline accessways, renovated boating docks and required new boating pumpout facilities, implemented a water shuttle service, developed new recreational facilities and implemented new water quality management controls. The County is also participating in efforts to address coastal management issues that are regional in nature, such as nonpoint source pollution and regional circulation. There have been only a few coastal permits issued by the County and only a few of the major permits have actually been constructed. A total of 5 appeals have been filed. The Commission found substantial issue on three of these appeals. Public access and transportation, phasing of development with traffic improvements, density of residential development, height, view corridors, parking, boating support facilities and shoreline access were among the issues raised as Substantial Issue.

The Preliminary Report identifies the areas where the implementation of the LCP is not in conformity with the Coastal Act. But overall, many of the issues raised and a large number of the recommendations are a result of finding that the LCP needs to be revised to reflect new information or changed conditions in order to ensure the LCP is implemented in conformity with policies of the Coastal Act.

The Periodic Review focused on a few priority areas:

Recreational Boating

As a result of both the County's decision not to count illegal boat slips in its boat slip counts, and of permits approved by the Coastal Commission, the overall number of recreational boat slips counted as existing in Marina del Rey has declined slightly since the LCP was certified in 1990. Both the Commission and the County through its LCP is focused on enhancing recreational boating opportunities in the Marina. Under the Coastal Act, the protection of lower cost recreational opportunities is a key policy.

Since the LCP was updated in 1996, changes have occurred that affect the recreational boating in the Marina. The Periodic Review noted the increased trend in boat ownership, including in smaller boats. The Commission has approved permits for marina dock redesigns that have reduced overall number of slips. Demand for in-water slips to accommodate larger boats has increased. And the County has changed directions and no longer plans to expand new slips through the "Funnel design" to add new slips to the Main Channel. Therefore, given all these changes, the County should revise the LCP to reflect current, comprehensive boating data. This data should be used to guide future development and ensure that a mix of slip sizes is provided in the Marina. Staff also recommends that the County explore alternatives to slips, such as storage facilities, day use rentals, boating membership programs, and increased opportunities to launch and use kayaks and other smaller craft.

Marine Resources/Water Quality

Los Angeles County has been a key partner in implementing the water quality requirements in the region. Many new requirements for addressing water quality were reflected in the LCP update in 1996, including reference to measures to implement the Municipal Stormwater NPDES Permit for Los Angeles County (Municipal Stormwater Permit) and the Santa Monica Bay Restoration Plan adopted in 1995. However, since update of the LCP in 1996, significant changes continue to occur in various programs and regulations directed at improving water quality. The Commission, in reviewing and acting on the County's two Local Coastal Program amendments, has continued to strengthen LCP provisions related to Water Quality. Recommendations suggest revisions to the LCP to ensure that all new development projects will develop a Water Quality Management Plan. And, recommendations include suggested requirements that in any redevelopment or boating facilities or marinas, that project applicants develop a Marina Water Quality Management Plan to address best management practices for boating and marinas, including components to address impacts from vessel sewage, trash, and oil and gas spillages, and components to address boater education.

New Development/Circulation

The LCP allows relatively high densities and heights and includes policies to 1) limit development to the capacity of the transportation network and 2) require all developers to pay a fair and reasonable share of the cost of both local and subregional traffic improvements. The County has carried out these policies, collecting $4,402,248 in transportation mitigation fees, which are committed to a variety of transportation improvement projects in the area. However, the model on which this is based was derived from a model devised to analyze the traffic impacts of the Playa Vista development. The model assumes both more development and more roads in neighboring Playa Vista than are now likely. The County should update its transportation model.

In order to mitigate the impacts of higher densities, the LCP incorporates a design review process. The County has implemented measurable setback and view corridor standards but due to some internal inconsistencies in its ordinances, has not carried out qualitative design review that is anticipated in the LUP. Measures designed to mitigate the designation of about a third of the Marina's land area for non-priority residential use, by allowing voluntary incorporation of visitor-serving facilities have not worked. The County needs to consider other methods to bring more visitor serving uses to the Marina. Finally, many proposed projects, including those proposed in the Asset Management Strategy, a policy analysis adopted by the Board of Supervisors to revitalize the Marina, require LCP amendments. Analyzed piecemeal, the changes could result in unanticipated negative impacts. The County should summit a comprehensive update, reflecting its new thinking on visitor-serving uses, public recreation, and design so that the Commission can evaluate these plans for their consistency with the Coastal Act.

Recreation and Visitor Facilities

A variety of non-boating recreational activities are located within the Marina del Rey LCP study area. The Periodic Review found that recreational resources have not decreased in the Marina but that revisions to the LCP are needed to ensure enhancement of recreational opportunities. The County has implemented LCP requirements to mitigate impacts from residential development on recreational facilities by requiring the Coastal Improvement Fund mitigation fees. A portion of these funds have been collected. However, the Periodic Review found that this policy as carried out exempts certain non priority uses such as offices, from payment of mitigation fees. While the County has consistently required the LCP mitigation, the way the policy is currently structured does not assure that development will mitigate for impacts to priority uses in conformity with the Coastal Act.

Existing park areas have been maintained and a few new park areas required as a result of redevelopment requirements. The County has required implementation of portions of the new Waterfront Promenade as a condition of major redevelopment, which will provide

a regional recreational resource. However, new and existing segments of the promenade are fragmented and do not provide a contiguous pathway around the Marina because the majority of the lots have not redeveloped, and other lots have safety issues due to existing uses (boat repair or private clubs).

The County has required parking in new development projects and maintained existing public parking lots. However, there are a few public parking lots that the County provides that are not located adjacent to key visitor attractions and may be underutilized due to their location. The County has indicated that they are aware of the issue of underutilized lots and will be undertaking parking studies to further analyze the parking situation and how best to maximize the use of the parking lots. This information and use of the existing parking lots is important as the population continues to grow and the demand on recreational facilities increases. Adequate support parking will need to be provided in strategic areas where the recreational and visitor-serving user will be able to use the parking.

The Periodic Review suggests the LCP be revised to ensure that recreation and visitor-serving facilities are protected and enhanced. Recommendations suggest the County update the LCP to design and locate public parking lots to improve accessibility and protect coastal views, encourage leaseholds that are not redeveloping to improve public access along the waterfront consistent with existing LCP requirements for new development, implement a uniform signage plan for public facilities, redesign and relocate the bike path to maximize public use, and revise the LCP to require all non-visitor and non-marine commercial related uses to pay into the fund to mitigate for impacts to coastal recreation and visitor-serving uses.

Public Access

In implementing the LCP, the County has been carrying out many significant requirements to assure maximum public access to the waterfront of the Marina. The County has required development of significant portions of the waterfront promenade, designed to provide continuous shoreline access. In addition, some additional public park areas have been required in new development. However, in review of other projects, for example some marine industrial/commercial projects, the County has not required lateral access due to concerns for public safety, measures to maximize access through alternative enhancements such as viewing areas, signage, benches or other improvements were not considered. Recommendations suggest ways to strengthen the LCP in order to assure that it will be implemented to provide maximum public access. Additional recommendations suggest updating of policies to reflect new information on the California Coastal Trail. The County's existing bikepath and future waterfront promenade will likely be a significant segment of the Coastal Trail. And, other Recommendations address suggested updates to LCP policies to ensure that public access is maintained and enhanced through the protection of public parking and public views.

Environmentally Sensitive Habitat Area

In certifying the updated LCP in 1996, the Commission segmented the resource areas of Area A from the Marina proper and at that time certified the deletion of the ESHA chapter of the LCP, finding that there were no ESHAs in the developed Marina del Rey proper. However, since 1996, additional information has been submitted concerning the resources of the Marina. In 2001, the U.S. Army Corps of Engineers made a jurisdictional determination of wetlands on the remaining vacant Parcel 9, under Section 404 of the Clean Water Act. Also in 2001, monitoring noted active nesting by Great Blue Herons in trees within the Marina. While the Periodic Review did not undertake any site specific assessment and determination of ESHA in the Marina, in light of new information presented, the Periodic Review report suggests that the LCP should be updated to incorporate a new ESHA component to the LCP. Such a component would include a process to assess whether ESHA exists on a site specific basis and, if determined to exist, include policies and standards to ensure protection of the habitat resources. Finally, while the certified 1986 LCP included a plan to excavate all wetland areas in Area A and mitigate the impacts by dedicating and restoring the Area B saltmarsh, this plan has been abandoned. Instead, the State Fish and Game Commission has purchased Area A, and is in process of developing restoration plans for the habitat that is present on the site. Recommendations suggest a range of policies that may be included in such an LCP ESHA component, including policies to require a specific assessment of the heron rookery and policies to ensure protection of adjacent habitat resources in adjacent wetland and habitat areas in Ballona Lagoon and Areas A which are public areas slated for restoration.

Cultural Resources

The County has implemented the Cultural Resource policies of the LCP in conformity with the Coastal Act and no significant archaeological concerns have been raised in development projects approved by the County. However, since the LCP was updated in 1996, new statutory requirements for expanded noticing and consultation with California Native American Tribes under SB 18 in 2004 have been mandated. In addition, the Commission has focused increased attention on the protection of California Native American Tribal resources and has required the presence of Native American monitors during grading operations. Recommendations of the Periodic Review focus on suggestions to revise LCP policies to reflect new consultation provisions.

Hazards

The County has consistently implemented LCP requirements for site specific geotechnical analysis in major development projects in the Marina. While the LCP includes requirements that such analysis consider potential impacts from flooding and from tsunami events, not all geotechnical reports explicitly discussed impacts that may result directly from a tsunami event. However, since the Indian Ocean tsunami in December 2004, the County has been a lead agency in a regional Tsunami Task Force and is updating the

County Tsunami Emergency Response Plan. Recommendations suggest the LCP be revised to incorporate any new state or locally adopted hazard mitigation requirements for new development or for public education, and ensure that future geotechnical analysis include consideration of a maximum expected tsunami event, to the greatest extent feasible.

Procedures

In undertaking regular post-certification monitoring of the County issued coastal permits, Commission staff identified a few instances where the County has exempted development from coastal permit requirements pursuant to the LCP permit procedures, and the public and Commission are not aware of the exemptions until construction has commenced. In those cases, the public and the Commission could not avail themselves of the dispute resolution process in the LCP for such determinations. While the LCP mirrors the Commissions regulations for post certification noticing, and noticing for exemptions is not required, the Periodic Review identifies a need for some way to effectively track exemptions, and it suggests the County maintain a log accessible to the public and possibly make it available electronically to facilitate future monitoring.

A. Introduction

This is the preliminary report for the Periodic Review of Marina del Rey Local Coastal Program (LCP) implementation by Los Angeles County. Section 30519.5 of the Coastal Act requires the Commission to conduct a Periodic Review of a government's Local Coastal Program at least once every five years. The basic purpose of the review is to determine whether the LCP is being effectively implemented in conformity with policies of the Coastal Act. Section 30519.5 states:

> *(a) The commission shall, from time to time, but at least once every five years after certification, review every certified Local Coastal Program to determine whether such program is being effectively implemented in conformity with the policies of this division. If the commission determines that a certified Local Coastal Program is not being carried out in conformity with any policy of this division it shall submit to the affected local government recommendations of corrective actions that should be taken. Such recommendations may include recommended amendments to the affected local government's Local Coastal Program.*
>
> *(b) Recommendations submitted pursuant to this section shall be reviewed by the affected local government and, if the recommended action is not taken, the local government shall, within one year of such submission, forward to the commission a report setting forth its reasons for not taking the recommended action. The commission shall review such report and, where appropriate, report to the Legislature and recommend legislative action necessary to assure effective implementation of the relevant policy or policies of this division.*

In addition, under provisions of Section 30501 of the Coastal Act, the Commission may recommend specific uses of more than local importance for consideration by any local government for inclusion in its Local Coastal Program. Thus, the Coastal Act requires that the Commission assure that the ongoing implementation of a certified Local Coastal Program is effectively meeting the statewide policy goals of the Coastal Act.

Purpose and Objectives of a Periodic LCP Review

Monitoring, reviewing and updating a certified LCP is a critical component of effective coastal management. When the Commission reviews a project on appeal, the standard of review is consistency with the certified LCP and in some cases Coastal Act access policies. It is therefore very important that certified LCPs are continually monitored for effectiveness and periodically reviewed and updated in order for the LCP to continue to function as an effective standard for sound coastal resource management decision-making.

Although there is an explicit statutory basis for a Periodic Review, such a review is also a natural step in the ongoing partnership between the Coastal Commission and local governments in coastal resource management. This partnership does not end with the

certification of an LCP. Rather, the challenging task of implementing, monitoring, enforcing and updating a coastal program only begins at that point. A Periodic Review of an LCP provides a valuable opportunity to enhance the coastal management program at the local level in a number of ways. It enables the Commission, in cooperation with the local government, local residents and others, to assess the community's progress in carrying out its coastal plan. It also provides a chance to update relevant coastal resource information, especially concerning cumulative effects and emerging issues that perhaps were not fully known or appreciated when the LCP was originally prepared. Finally, it provides a means to work with the local government to identify changes that may make the LCP work better, consistent with the requirements of the Coastal Act.

A Periodic Review reflects experience gained in the implementation of the LCP through planning and regulation at the local level. But it also can reflect the outcome of other implementation actions such as new acquisitions and development of new accessways, execution of mitigation and restoration programs, and conduct of educational programs, all of which bring to reality the programs and recommendations of the LCP. Program enhancements recommended through a Periodic Review can include suggested amendments to plan designations, policies or zoning standards or procedures, but may also include intergovernmental coordination measures or actions by other state or local agencies to improve implementation of the certified LCP.

The Marina del Rey LCP was not among the first priorities adopted by the Commission in 1998 for undertaking Periodic Reviews; this Periodic Review was initiated as a result of a settlement of litigation in *Coalition to Save the Marina, Inc. v. Coastal Commission* (LA Superior Court Case No. NS008613 (2001).

Notes on the Recommendations

Pursuant to Section 30519.5 of the Coastal Act, results of the Periodic Review analysis are recommendations to the County for corrective actions that should be taken in order to ensure continued implementation of the LCP in conformity with the policies of the Coastal Act. These recommendations do not mean that the entire LCP lacks conformity with the Coastal Act. On the contrary, in many policy areas, the LCP remains effective in carrying out the goals and objectives of the Coastal Act. While some of the recommendations focus on suggested improvements, in most cases, they reflect revisions arising as a result of changed conditions or new information and build on the existing policies rather than recommend entirely new directions. These recommendations do not directly amend the certified LCP. The recommendations suggest actions that could be carried out through such means as: policy and ordinance changes in future amendments to the LCP; changes in how the County implements the LCP in issuing coastal permits; or through other implementing actions such as new studies, educational efforts or County programs.

Regarding the recommended actions suggested to the County, the Commission recognizes the limited resources available for planning and management activities. For example, the local assistance planning grant program to support local government coastal management activities was eliminated from the Commission's budget several years ago.

Nevertheless, as noted in this Periodic Review analysis, keeping the LCP current and up to date is central to assuring long-term protection, management and restoration of coastal resources as envisioned by the goals of the Coastal Act.

The Commission also realizes that sound coastal resource management is not only the County's responsibility. This Periodic Review analysis has found instances where the County is addressing impacts in the Marina that are a result of activities elsewhere in the region, such as in the areas of transportation and water quality. The Periodic Review found that the County is taking commendable steps to help address these regional issues. Changes to the County's LCP alone may not fully address the concerns raised but rather new or strengthened intergovernmental initiatives may be needed.

While recommendations suggest specific changes to the currently certified versions of the LCP, some flexibility in final wording, format, and location in the LCP is anticipated, especially should the County choose to pursue a comprehensive update and reformatting of the LCP to address the recommendations. Because there may be different implementing mechanisms, or the County might legitimately respond with additional information to explain the perceived gaps, the recommendations use the term "should". However, if recommendations are incorporated into the LCP through LCP amendments, revised LCP policy and ordinances may require use of "shall" in policy revisions.

B. Staff Recommendation

Staff Recommendation
The staff recommends that the Commission **open and continue** the public hearing on the accompanying Report to the County of Los Angeles on the Implementation of Its Local Coastal Program for the Marina del Rey segment. for a comment period of at least 30 days. A majority of those present is needed to adopt the staff recommendation.

Should the Commission decide to not continue the matter, the following motion and resolution would be available for Commission action:

Motion
I move that the Commission 1) determine that Los Angeles County (County) is not effectively implementing its certified Local Coastal Program (LCP) for the Marina del Rey segment in conformity with the policies of the Coastal Act, and, to ensure that the LCP is implemented in conformity with Coastal Act policies, 2) recommend that the County take the corrective actions set forth in the Report dated May 25, 2005.

Resolution
The Commission hereby 1) determines that Los Angeles County (County) is not effectively implementing its certified Local Program (LCP) for the Marina del Rey segment in conformity with the policies of the Coastal Act, and, to ensure that the LCP is implemented in conformity with Coastal Act policies, 2) recommends that the County take the corrective actions set forth in the Report dated May 25, 2005.

C. Recommendations

Recreational Boating

1. The County should require an updated comprehensive boater use, slip size, and slip distribution study for each dock redevelopment project that affects slip size and distribution of slips, to assess current boater facility needs within the individual project and the Harbor as a whole.

2. Through the development review process and through improvements to existing facilities, continue to provide a mix of small, medium and large boat slips which is based on updated information from a Marina wide comprehensive study.

3. Section A3, Recreational Boating, Policy and Action e2, regarding the "Funnel Concept" for boat slip expansion, should be deleted as a policy and action from the Land Use Plan. The County should investigate other alternatives to increase recreational boating within the Marina, assure lower cost boating opportunities and adopt policies requiring implementation of such other alternatives as are found to be appropriate. Other alternatives should include, but are not limited to:

   - increasing boat slips within existing marinas;
   - maintaining a mix of boat slips throughout the Marina;
   - increasing day-use rentals;
   - encouraging boating membership programs;
   - expanding launch facilities and considering alternatives to minimize congestion;
   - providing additional boat storage facilities, including areas for small non-motorized personal watercraft (i.e. kayaks, canoes and dinghies).

4. Through the development review process and through improvements to existing facilities, provide short-term day use docks at or in close proximity to visitor-serving facilities, such as parks, Fishermen's Village, and restaurants.

Marine Resources/Water Quality

5. Development shall avoid or minimize adverse impacts on aquatic resources, including wetlands, submerged aquatic vegetation, or other important aquatic habitat areas as designated by local, state, or federal governments, consistent with Coastal Act Section 30233.

6. Through County participation in the implementation of the Municipal NPDES permit requirements, the Santa Monica Bay Restoration Plan and any adopted TMDLs, the County shall continue to require that development incorporate nonstructural Best Management Practices (BMPs) and structural BMPs where necessary. The BMPs should be designed to minimize the volume, velocity and pollutant load of stormwater

runoff, prior to runoff discharge into stormwater conveyance systems, coastal waters, the beach or other sensitive areas. Development should not cause or contribute to any exceedence of any applicable water quality standard in a receiving water or an exceedence of any TMDL load allocation for the source represented by the development. BMPs incorporated into projects shall be those most effective at mitigating pollutants of concern associated with the development type or use.

7. Any coastal development application shall include a Water Quality Management Plan (WQMP) that includes management measures and BMPs to avoid or minimize runoff during construction and post-construction from the property. The WQMP shall include measures to ensure that new development will:

    i) Incorporate site design and source control BMPs. When the combination of site design and source control BMPs are not sufficient to adequately protect water quality, structural treatment control BMPs will be implemented along with site design and source control measures.

    ii) Increase the area of pervious surfaces in redevelopment projects, where feasible, and minimize the creation of new or enlargement of existing impervious surfaces in new development to the maximum extent feasible.

    iii) Incorporate measures to inspect, maintain and repair as necessary any structural or nonstructural BMPs to ensure proper and effective functioning for the life of the development.

    iv) Incorporate Site Design, Source Control and where necessary, treatment control BMPs designed to minimize the impacts to coastal waters of pollutants generated by the operation, maintenance, cleaning and fueling of boats.

    v) Incorporate BMPs designed to prevent or minimize runoff of oils and grease, gasoline, sediments, trash, and other pollutants to receiving waters from permitted parking lots, streets, walkways and patios to ensure that regular sweeping is implemented to remove debris and contaminated residue.

    vi) In commercial development, incorporate BMPs designed to prevent or minimize runoff of pollutants from structures, landscaping, parking areas, loading and unloading dock areas, repair and maintenance bays, and washoff areas.

    vii) As part of any new development or redevelopment of fueling stations, incorporate BMPs to ensure onsite spill containment.

    viii) As part of any new development or redevelopment, incorporate BMPs to ensure that solid wastes produced by operation, cleaning, maintenance, and repair of boats are properly disposed of to prevent entry of solid wastes into surface waters.

ix) As part of any new development or redevelopment incorporate BMPs to provide and maintain appropriate storage, transfer, containment, and disposal facilities for liquid material (e.g. new and used oil, solvents, antifreeze and paints).

8. In the development or redevelopment of individual marinas or launch facilities, the County shall require that Best Management Practices (BMPs) for marinas and recreational boating activities be implemented to reduce release of pollutants to surface waters. Any coastal development application for reconstruction, modification or redevelopment of marina or launch facilities shall include a Marina Water Quality Management Plan (MWQMP) that includes BMPs to control water quality impacts at each marina or launch. The MWQMP shall include:

   i) Measures to control runoff from construction and post construction consistent with WQMP as outlined in Recommendation 7 above.

   ii) A marina component that includes provisions to adequately control impacts from boating sewage, vessel cleaning and maintenance, oil and fuel discharges, fish cleaning or trash. Vessel sewage disposal shall be controlled by: 1) installing a fixed point dockside pumpout facility; or 2) installing slipside pumpouts; or 3) for smaller marina operators, evidence of a cooperative agreement with an adjacent marina to provide joint waste management facilities or services. It shall also provide that adequate restrooms and portable toilet dump stations for marinas with slips for smaller boats are installed. The operations and maintenance component shall provide measures for marina operators to regularly inspect and maintain facilities.

   iii) A component for implementing boater education measures, including signage.

   iv) A component for protection against the spillage of crude oil, gas, petroleum products or hazardous substances in relation to any development or transportation of such materials.

9. Material used for construction of piers, pilings, docks, dolphins, or slips shall not include timber preserved with creosote, (or similar petroleum-derived products.) Plastics used to protect concrete or timber piers and docks or for flotation shall be subject to regular inspection to prevent sloughing of plastics into the waterway. Lessee shall be responsible for removal of failed docks or materials.

New Development/Circulation

10. The County should revisit the Barton Aschman and DKS traffic models,[1] and recalculate, eliminating Playa Vista Phase II development in Areas A, B, and C and

[1] 1. Barton Aschman Associates, Traffic Circulation/Overview Playa Vista Master Plan, May, 1981

eliminating road-widening projects that extend or relocate roads onto Playa Vista Areas A, B and C, which are now state-owned property. Because construction of a sixth lane on Admiralty Way will require an LCP amendment, models should not assume a sixth lane on Admiralty Way unless certified by the Commission.

11. The County should consider options for funding for shuttle buses. Amend LIP Section 22.46.1100.C (2) to require that a portion of Category 3 assessments from all projects be allocated for funding for trams (shuttle buses).[2] If funding is required as part of lease extension, the amount contributed should be acknowledged in the issuance of the coastal development permit. Consider additional assessments for all projects.

12. The County should amend LCP Ordinances Sections 22.46.110.B,[3] 22.46.1060, and 22.46.1190A.3, 5, 9 and 15 to require improvements that would enhance nonautomotive transportation from all development: pedestrian and alternative traffic modes; widened sidewalks; jitney stops; stops for water taxi; dinghy tie-ups as part of site plan review.

13. The County should amend LCP Ordinance Sections 22.46.1050, 22.46.1100.B.2 and Appendix G to include the improvement of pedestrian access across and along thoroughfares as part of roadway design.

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2. PRC Voorhees, Draft Playa Vista Traffic Analysis, October 1982.
3. Barton Aschman Associates, Playa Vista Transportation Analysis, 1991
4. DKS Associates; Gruen Associates, Marina del Rey Traffic Study, 1991, and the Addendum to this study by DKS Associates, 1994.

[2] 22.46.1100.C.2. *…A shuttle system is not required for traffic mitigation but can be established in conjunction with developments in and around the Marina. As a condition of recycling or development of new residential, hotel or commercial development accommodating more than 75 cars, shuttle stops shall be incorporated into project designs. As part of any lease extension, lessees shall agree to pay their fair and reasonable share of implementing the shuttle system at such time a system is established in adjoining County areas, as long as such share is reasonably related to the impacts of their proposed development upon the nearby beach parking and recreational traffic system. Additionally, potential exists for construction of water taxi stops and ferry terminal sites at various sites on the Marina waterfront.*

[3] *5. Mitigation of all Direct Traffic Impacts. All development in existing Marina del Rey shall participate in, and contribute his or her fair share to, funding of the mitigation measures described in the Transportation Improvement Program (TIP). The fees shall be calculated for every development project based on the Trip Assessment Fee set in the TIP and the number of additional P.M. peak hour trips generated by the project. Additional trips are defined as the P.M. peak hour trips attributable to build out of the new development allocated in the Specific Plan. All development shall mitigate all direct impacts on the internal circulation system before occupancy of the development. No development may commence without payment of a fair and proportionate share of the costs of traffic improvements listed in the traffic improvement program. Prior to issuance of a coastal development permit, the applicant shall demonstrate that adequate funding is available so that all traffic improvements necessary to mitigate the impacts of the development on internal circulation* will be completed before occupancy of the structure. Development shall not begin until adequate funding of the necessary internal circulation traffic improvement has been guaranteed.

14. The County should implement a comprehensive LCP revision identifying the parcel(s) that would be subject to reallocation of uses recommended in the Asset Management Strategy and consider all the changes in one LCP amendment as an integrated whole, so that the balance of public uses recommended in the Asset Management Strategy, the LCP and the Coastal Act is achieved.

15. The County should amend its LCP to include development standards that would incorporate the design elements in the Asset Management Plan (similar to many of the LCP policies concerning public access and site design). For example:
    - Maintain the visibility of public spaces; and,
    - Design standards should require integration of the building with open space and access areas.

16. The LCP should be revised to include incentives to provide priority to free or lower cost public uses on waterfront parcels designated for residential, visitor serving commercial and public facility uses.

17. The County should amend the LCP to strengthen development standards to preserve existing public and lower cost recreation facilities including free facilities; assure that these facilities and public rights to them are maintained.

18. The County should amend LCP Definitions to define hotel and should evaluate opportunities to encourage additional overnight accommodations in the Marina. As part of any hotel, motel, timeshare, fractional ownership development or similar proposal, the County shall address, among other factors, lower cost visitor needs and availability within the Marina, affordability of alternative visitor uses, peak use demands in the summer, availability of units to the general public and operational provisions to encourage/require hotel/motel management of a facility. .

19. The LCP requires design review by the Design Control Board as part of both the Development and the Public Access sections, but the LIP does not provide direction on design standards. The County should amend Section 22.46.1180 12(a), which specifies the contents of the revised final plans which are submitted to the Design Control Board to include all elements subject to the Design Control Board's review and all design elements listed in the Asset Management Plan:

    … The design control board, as a condition of its approval, may require the applicant to return with final plans for approval of signage, landscaping, color site plans, **onsite open space and project features that facilitate public uses, including parking and nonautomotive transportation including tram stops** *and other details.*

Recreation and Visitor Facilities

20. The County should revise the LCP to design locate public parking in areas that provide easy access to the recreation and visitor-serving facilities located throughout the Marina (see also suggested Recommendations 31 and 32). The County should revise the LCP to prohibit relocation of public parking lots to the periphery of the marina unless 1) equivalent public parking is also reserved in priority locations as part of development projects and 2) a shuttle system has been fully funded for long-term operation (25+ years) and available for use.

21. Because the LCP ordinances Section 22.46.170 requires the replacement of any public parking, public park or boating facility before it is relocated. Consider a 2:1 replacement ratio for displaced parks or lower cost facilities, unless the park or lower cost facility is to be replaced on the waterfront.

22. The County should encourage individual leaseholds that are not being redeveloped to upgrade and improve, on or off-site, public access along the waterfront consistent with LCP requirements for new development in order to provide a uniform and contiguous pathway throughout the marina.

23. The County should revise the LCP update a uniform signage plan for the marina that is developed to link all recreational facilities (i.e., trails, bikepaths, parks, and viewing areas) throughout the marina. Such signage should be located along the main thoroughfares and at, or along, the recreational sites (and coordinated with Recommendation 29 in the Coastal Access Section).

24. Policy A.2.e.5, that addresses mitigation for non-coastal priority or non-marine related uses through the contribution to a Coastal Improvement Fund, should be modified to as follows:

    > *2.e.5. Any new proposal for construction of facilities in the existing Marina that is a non-coastal priority or non-marine related use shall require off-setting mitigation. Mitigation shall be accomplished by contribution to a Coastal Improvement Fund. This Fund is primarily intended to finance construction of local park facilities. Uses exempt from this policy requirement include hotels, visitor-serving commercial,* ~~**office**~~ *and marine commercial uses.*

    The Coastal Improvement Fund implementing ordinance, Section 22.46.1970, should be similarly modified to ensure that all non-visitor-serving uses or non-marine related uses are required to contribute to the Coastal Improvement Fund.

25. Although the LCP requires parking areas be attractively designed with a buffer of landscaping, berms or other screening materials, buffering should be designed and maintained as to not impact the public's view of the water from public streets, trails, or bike paths (Policy A.2.e.7).

26. Through the development review process and through improvements to existing facilities, the bikepath should be developed and located along the waterfront wherever feasible and when it can be designed to minimize conflicts with safe pedestrian access.

27. The LCP should be revised to maximize public views of the coastal waters in the development of recreational facilities.

Public Access

28. In order to assure maximum access the LCP requirements for provisions of public access should be implemented even in minor projects through alternative mechanisms to ensure contribution of minor projects to overall access development. The LUP and Section 22.46.1110 should be modified to ensure adequate consideration of access in all development projects, such as adding to 22.46.1110(B):

    B. In Marina del Rey, all land is owned by the County of Los Angeles and all leaseholders hold leases subject to an obligation to provide for active public use, and maximum public enjoyment of the public recreational land. Private rights have been granted by contracts, which in some cases limit public use of the parcels. Existing public accessways are identified in Existing Shoreline Access Map (Map 2) of this Specific Plan (see Map 2 at the end of Part 3 of this chapter), and it is the policy of the County that all development preserve existing access to the Marina, to its bulkhead walkways and to its waters. Where development will increase the numbers of residents or guests on the parcel, this Specific Plan identifies additional bulkhead access and identifies that a public access corridor or other public accommodations in that location would benefit the public, said additional access, including vertical access, shall be guaranteed by the leaseholder of that parcel pursuant to subsection A of this section. **Where development does not increase the numbers of residents or guests on the parcel but extends the life of existing development, public access enhancements shall be required***.*

29. In order to assure maximum access, the LCP requirements for provisions of public access should assure that where public access and public safety conflicts are raised by proposed new development, alternative siting and design of the development shall be considered in order to provide shoreline access without creating a safety conflict. And, where no feasible alternatives exist to provide shoreline access, alternative access enhancements are required,such as provision of signage, benches, or viewpoints. (Section 22.46.1160 Access Restrictions and 22.46.1120 Findings).

    22.46.1160 Access Restrictions*. A. Public access may be restricted in certain locations around the Marina, such as in front of the sheriffs station and near launch hoists, in the interest of pedestrian safety,* **provided there are no feasible alternatives for siting, designing or managing development to provide safe**

pedestrian shoreline access. *Necessary restrictions and management may consist of, but are not limited to, the following:*
-- Construction of fences, guard rails or other barriers to prevent the public from entering areas where hazardous activity is occurring;
-- Limiting public access to certain hours of the day or days of the week when hazardous activities are not in operation;
-- Posting of warning signs which notify the public of potential safety hazards;
-- Relocation of the public access to ensure pedestrian safety.
B. Any restrictions deemed necessary by the authority supervising a site determined to be hazardous shall be reviewed for incorporation into the conditions of a coastal development permit for new development in these areas. **In addition, in cases where public access is restricted by or in connection with development, the developer shall provide alternative public enhancements elsewhere in the development zone such as provision of alternative access, interpretive enhancements, benches, or viewpoints as mitigation for the access impacts of the development.**
C. Where access standards of a different width or location are necessary to avoid demolition of existing structures, to set access ways back from existing development, or to avoid hoists and staging areas, the applicant may provide access ways of a different width or location that are sensitive to the development if such access provides continuous connection to other bulkhead access ways, as well as maximum public benefit. In no event shall access provided be less than ten feet in width. (Ord. 95-0058 § 1. 1995: Ord. 95-0042 § 1 (part), 1995: Ord. 90-0158 § 1 (part), 1990.)

22.46.1120 Access -- Findings*.*
In order to make the appropriate findings to impose vertical or lateral access requirements, the County shall:
A. Base all findings on factual evidence obtained at the public hearing, submitted by the applicant or interested parties, or discovered during the staff's investigation;
B. Evaluate the individual and cumulative impacts of the proposed development on public access and recreation opportunities;
C. Identify the access-related problems associated with the development;
D. Cite the specific Coastal Act provisions that are impacted by the development;
E. **Evaluate feasibility of alternatives and** ***[e]****xplain and how the proposed conditions would solve the access problem created by the development and are related in the nature and extent to the impacts of the development on the public's right to access the Marina.*

30. The LCP should be updated to incorporate new policies and standards in the Access Component designed to identify and implement the California Coastal Trail. The LCP should include revisions that:

a. identify and define the CCT as a continuous trail system traversing the length of the state's coastline and designed and sited to include a continuous lateral trail and connecting with contiguous trail links in adjacent jurisdictions.

b. provide that the trail be designed and implemented to achieve the following objectives:

- Provide a continuous walking and hiking trail as close to the ocean as possible;
- Provide maximum access for a variety of non-motorized uses
- Maximize connections to existing and proposed local trail systems;
- Maximize ocean views and scenic coastal vistas; and,
- Provide an educational experience where feasible through interpretive facilities.

c. provide that the trail be sited and designed to be located along the shoreline where physically and aesthetically feasible.

d. provide that the trail be designed and located to: 1) avoid any significant disruption of habitat values in, or significantly degrade, environmentally sensitive habitat areas to the maximum extent feasible, and, 2) incorporate existing waterfront paths and support facilities of shoreline parks and beaches to the maximum extent feasible.

f. The LCP Access Component should be amended to incorporate any plans and designs for locating and implementing the CCT within the Marina, including mapped alignment with linkages and parking staging areas.

g. The LUP Policy 13 on Directional Signs should be revised to integrate future signage in Spanish and in English related to the California Coastal Trail, when available, with Marina visitor signage programs.

> *13. Public awareness of shoreline access ways and public areas* **<u>including</u>** **<u>the California Coastal Trail</u>** *shall be promoted by the provision of appropriate signs, outdoor exhibits and brochures. All development in the existing Marina shall be required to incorporate the following informational features to improve the public's awareness of access opportunities and the coastal environment:*
> *a. Outdoor maps indicating the location and type of public access ways and parks* **<u>including the California Coastal Trail</u>***:*
> *b. Identifying and directional signs;*
> *c. As appropriate, facilities for brochures and other informational aids: and*
> *d. Outdoor exhibits describing historical, biological and recreational aspects of the Marina, coast, wetlands and other aspects of the coastal environment, which should be coordinated and integrated with similar such exhibits which may be established in other areas of the Playa Vista project. (LUP 1996 p.1-8)*

Strengthen Parking Requirements

31. The County should incorporate into the LCP Access Component a Comprehensive Parking Management Plan that:
    - Evaluates the overall parking resources needed to support not only planned development uses but also the planned public access promenade, open space parks, viewpoints, public boating and recreation areas. Such a comprehensive plan should provide for siting and designing new parking to support future public facilities and maximize access to those facilities.
    - Monitors buildout of redevelopment projects for adequacy of parking and if necessary updates existing parking standards and parking replacement requirements.
    - Ensures public parking adjacent to waterfront lots for beach and boating use is protected and maximized where feasible;
    - Considers shared management of parking to provide additional parking for the public;
    - Expands opportunities for peripheral parking with possible shuttle system for visitors to commercial and recreational areas; and,
    - Ensures that new development is phased so that adequate parking and/or shuttle system from peripheral parking is in place before new development is approved.

32. Revise filing requirements to require that new development include a parking plan showing 1) all existing parking onsite for all designated uses; 2) all parking spaces for proposed development; 3) parking alternatives for proposed development that maximizes potential demand for boater and promenade/park use parking on site; and 4) its share of the public parking needed for Marina-wide general recreation facilities (such as the Promenade and public parks). The parking plan should ensure that development does not reserve all parking on the site for only marina residents, customers, or guests.

33. Any applicable revisions to the Specifications and Minimum Standards of Architectural Treatment and Construction (1989) that have been adopted since update of the LCP or are adopted in the future should be submitted for review as a proposed amendment to the LCP Appendix C.

34. Sections 22.46.1060 Community Design Guidelines and 22.46.1180(A)(1) Filing Requirements should be modified to provide that development applications shall include project plans that show all proposed public access improvements, including lateral and vertical access and turnout areas for future shuttle and/or transit stops.

Environmentally Sensitive Habitat Area (ESHA)

ESHA Designation.
Revise the LCP to include a new Section 5-1 to incorporate policies and implementing standards to ensure identification and designation of ESHA as part of project review. The policies and standards should address the following:

35. Add a definition of wetland consistent with Section 30121 of the Coastal Act and Section 13577(b) of Title 14 of the California Code of Regulations. Any unmapped areas that meet the definition of wetland shall be protected consistent with the policies of the LCP and Coastal Act.

36. Determine the presence of ESHA based on the best available information, including current field observation, biological reports, and additional resources from the Department of Fish and Game and the U.S. Fish and Wildlife Service. Modify the LUP Filing requirements (Section 5-1 and LIP section 2246.1180) to require, as part of application requirements, that on sites that potentially contain sensitive habitat, for example, trees that support nesting and roosting for protected bird species or wetlands or upland resource areas, new development shall include an inventory conducted by a qualified biologist of the plant and animal species present on the project site. If the initial inventory indicates the presence or potential for sensitive species or habitat on the project site, or potential impact on biological diversity or productivity of adjacent ESHA, a detailed biological study shall be required through the development review process. Such assessment should include site-specific biological assessments of whether a habitat area is especially valuable because of its special nature or role in the ecosystem and the proposed development's impact on the biological productivity of the ESHA within and adjacent to the site and should propose mitigation measures for any negative impacts. Where the required initial site inventory indicates the presence or potential for wetland species or indicators, the County shall, in addition to the submittal of a detailed biological study of the site, require delineation of all wetland areas on the project site. Wetland delineations shall be based on the definitions contained in Section 13577(b) of Title 14 of the California Code of Regulations. A preponderance of hydric soils or a preponderance of wetland indicator species will be considered presumptive evidence of wetland conditions. The delineation report will include at a minimum a (1) a map at a scale of 1":200' or larger with polygons delineating all wetland areas, polygons delineating all areas of vegetation with a preponderance of wetland indicator species, and the location of sampling points, and (2) a description of the surface indicators used for delineating the wetland polygons. Paired sample points will be placed inside and outside of vegetation polygons and wetland polygons identified by the consultant doing the delineation.

ESHA Protection

Revise the LCP to incorporate policies and implementing standards in Section 5-1 to ensure protection of ESHA from development impacts and impacts from adjacent development. The policies and standards should address the following:

37. Environmentally Sensitive Habitat Areas (ESHAs) shall be protected against significant disruption of habitat values, and only uses dependent on such resources shall be allowed within such areas.

38. Accessways located within or adjacent to ESHAs shall be sited to minimize impacts to ESHA to the maximum extent feasible. Measures, including but not limited to, signage and fencing should be implemented as necessary to protect ESHAs.

39. Protection of ESHA and public access shall take priority over other development standards. Accordingly, where there is any conflict between general development standards and ESHA and/or public access protection, the LCP should make clear that the allowable use(s) of the area and the development regulations applicable in the area are governed by the ESHA and public access standards.

40. Degraded coastal resources or habitat areas shall not be further degraded, and if feasible, restored. If new development removes or adversely impacts native vegetation, measures to restore any disturbed or degraded habitat on the property shall be included as mitigation.

41. Development in the Marina should be sited and designed to minimize impacts to sensitive species or habitat values of areas adjacent to the Marina including Area A, and the Ballona wetlands, or areas which may be designated as State Ecological Reserves, to the maximum extent feasible. The siting and design of structures in the Marina should take into account areas planned for future habitat restoration. Development should consider measures to minimize spillover impacts on adjacent resources and habitat areas including, but not limited to, impacts to resources from sources such as night lighting, building height, run-off and noise.

42. Mitigation measures for impacts to ESHA that cannot be avoided through the implementation of siting and design alternatives, including habitat restoration and/or enhancement shall be monitored for a period of no less than five years following completion. Specific mitigation objectives and performance standards shall be designed to measure the success of the restoration and/or enhancement. Mid-course corrections shall be implemented if necessary. Monitoring reports shall be provided to the County annually and at the conclusion of the five-year monitoring period that document the success or failure of the mitigation. If performance standards are not met by the end of five years, the monitoring period shall be extended until the standards are met. However, if after ten years, performance standards have still not been met, the applicant shall submit an amendment proposing alternative mitigation measures.

43. In updating the LCP to incorporate ESHA policies, the County should undertake an assessment of trees that may provide important habitat for birds protected by the Fish and Game Code and the Migratory Bird Treaty Act. Such assessment should consider the Marina area resources in relation to the wetlands in Area A and Ballona. The assessment should look at availability of habitat throughout the wetlands and the Marina to support protected bird species and identify any Marina trees that are needed to provide habitat for protected species. The assessment should also identify any active or historic nesting and roosting areas. If the assessment identifies habitat areas, measures should be developed to protect the resources by appropriate means, which may include, but are not limited to, restrictions on timing of construction, restrictions on tree trimming, setbacks, fencing, signage, seasonal access restrictions, and long-term preservation.

44. The use of insecticides, herbicides, or any toxic chemical substance which has the potential to significantly degrade ESHA, should be prohibited within and adjacent to ESHAs, except where necessary to protect or enhance the habitat itself, such as eradication of invasive plant species, or habitat restoration..

45. The use of insecticides, herbicides, or other toxic substances by County employees and contractors in construction and maintenance of County facilities should be minimized.

46. LUP Landscaping requirements (LUP p.9-7 #12, LIP Appendices PP. C-14 #G and LIP pp.5 22.46.1060) should be modified to ensure that vegetation removal, vegetation thinning, or planting of non-native or invasive vegetation is not permitted in ESHA or where it would adversely impact adjacent ESHA. Habitat restoration and invasive plant eradication may be permitted if designed to protect and enhance habitat values. Landscaping plans should ensure that no plant species listed as “ noxious weed” by the State of California or listed as problematic and/or invasive by the California Native Plant Society, the California Exotic Pest Plant Council or as may be identified from time to time by the State of California is used..

47. Development adjacent to ESHAs shall minimize impacts to habitat values or sensitive species to the maximum extent feasible. Buffer areas shall be determined on specific site characteristics and resource values and shall be of sufficient width to protect the biological functions of the wetlands they are designed to protect. While wetland buffer widths of 100 feet are preferred, if site constraints preclude such buffer width and no siting and design alternatives are feasible to allow for such a buffer, a lesser buffer width may be allowed.

48. Any area mapped as ESHA or otherwise determined to have previously been wetlands shall not be deprived of protection, as required by the policies and provisions of the LCP, on the basis that the habitat has been illegally removed, filled, degraded, or that species of concern have been illegally eliminated.

49. The diking, filling, or dredging of open coastal waters, wetlands, estuaries, and lakes may be permitted in accordance with all policies of the LCP, where there is no feasible less environmentally damaging alternative and where feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to the uses specified in Section 30233 of the Coastal Act:

50. Where any dike or fill development is permitted in wetlands in accordance with the Coastal Act and any applicable LCP policies, mitigation measures shall include, at a minimum, creation or substantial restoration of wetlands of a similar type. Adverse impacts will be mitigated at a ratio of 3:1 for seasonal wetlands or freshwater marsh, and at a ratio of 4:1 for saltmarsh. Applications for new development within or adjacent to wetlands shall include evidence of the preliminary approval of the California Department of Fish and Game, U.S. Army Corps of Engineers, U. S. Fish and Wildlife Service, and other resource management agencies, as applicable.

Cultural Resources

51. The LCP Policies B.7-1-6 and Ordinances 22.46.1180(5) and 22.46.1190(2) should be updated to revise noticing, consultation and measures to protect traditional tribal cultural places, features, and objects consistent with the Government Code and Office of Planning and Research Guidelines pursuant to SB 18.

52. Modify LUP Policy B.7-4 that, if any resource is discovered during any phase of development construction **that involves earth moving operations including grading, excavation and site preparation**, a professional archaeologist **and appropriate Native American consultant(s)** shall be retained to monitor any earth-moving operations in the study area. A halt-work condition shall be in place in the event of cultural resource discovery during construction.

Hazards

53. The LCP ordinances for required geotechnical analysis and conditions of approval should be updated to update names of applicable agencies and to ensure that projects for coastal development permits implement any new requirements of state or locally adopted Hazard Mitigation Plans related to tsunami and runup hazards and should require new development be constructed to resist lateral movement due to the effect of water loading from the maximum expected event, to the greatest extent feasible.

Procedures

54. The determination that a development is exempt from coastal development permit requirements under Section 22.56.2290 of the County code should be accompanied by a written project description and an indication of the reasons that the work is exempt. Such log concerning exemptions shall be kept on file and available for public inspection at the Department of Regional Planning, or if feasible, available electronically.

D. Findings

1. Background on the Marina Del Rey LCP

The Marina del Rey segment of the Los Angeles County Local Coastal Program (LCP) is surrounded by Los Angeles City communities of Venice, Del Rey and Playa Del Rey, including wetlands of Ballona Lagoon (See Exhibit 1 – Area Map). The Marina is approximately 800 acres in size.

Since 1980, the number of residential units and boating slips have declined in the Marina. At time of initial LCP planning in 1980, except for three vacant parcels, the Marina was completely developed and the population of Marina del Rey was estimated at 10,200 residents.[4] The Marina del Rey/Ballona proposed Land Use Plan (December 1982) and certified LUP (December 1986) both reported 6,189 boat slips, 26 restaurants, 487 hotel rooms, 5,781 apartments serving a population of 10,500.[5] A 1981 report by the Marina del Rey Lessee's Association reported similar numbers, noting the Marina contained 6,187 boat slips, 26 restaurants, 424 hotel rooms, Fisherman's Village specialty retail and restaurant development, and 5799 apartments housing 10,500 persons. [6]

From 1984 to 1990, there were reported 5,923 boat slips, 752 hotels rooms, and 5,481 residential units. As discussed in the Section 2 (Recreational Boating), the apparent decline in boating slips can be attributed to different methods of counting; earlier estimates included many informal tie-ups and nonconforming slips. As of 2001, there were 4,626 slips reported and demographic data submitted by the County shows estimates a population of 8,176 in the Marina in 2000.[7] Boat slips are now estimated at 4,178 and only one parcel (Parcel 9) remains undeveloped (for Development Parcels see Exhibit 2).

<u>LCP Certification History</u>

All but three major parcels in the Marina were built out before passage of Proposition 20.[8] Before certification of the LCP, the Commission approved a number of large high rise hotel projects adjacent to the Marina—Permit 49-79 (Interstate Marina), Permit 207-79 (Marina Plaza)—and the Commission reviewed impacts from development on traffic and visual resources, and preclusion of alternative land uses oriented to a wide economic spectrum of public use.

Coastal planning for the County area that included Marina del Rey was initially undertaken in the early 1980s. The County 's Land Use Plan (LUP) for Marina del Rey at that time

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[4] California Coastal Commission, County of Los Angeles Work Program for the Marina del Rey/Ballona Wetland Land Use Plan, staff report, June 10. 1980, pp.2.
[5] Los Angeles County, Proposed Local Coastal plan, December 1982, p. I-3 and certified LUP, dated October, 1984 and certified December 1986, p. I-1.
[6] Marina del Rey Lessee's Association, Preliminary Land Use Plan: Marina del Rey, December 23, 1981, pp.1.
[7] LA County Request for Information Response No. 1, Profile of General Demographic Characteristics, 2000.
[8] California Coastal Commission, County of Los Angeles Work Program for the Marina del Rey/Ballona Wetland Land Use Plan, staff report, June 10. 1980, pp.2

consisted of a larger area of lands including Playa Vista and Ballona wetlands and adjacent areas. The County's Land Use Plan for the Marina del Rey/Ballona segment, addressing major issues of wetlands protection and the location and intensity of development, was effectively certified on October 11, 1984. The 1984 LUP designated lands for a "bowl" concept--low rise residential and commercial development adjacent to the water, several hotel sites, and some higher intensity residential and commercial uses away from the water. Development allowed in the LUP was also based on future road improvements.

Roughly two years later, the City of Los Angeles annexed a major portion of the County area, consisting of the Summa Corporation properties outside the coastal zone and much of the Ballona wetlands. On December 9, 1986, the Commission effectively certified a resubmitted LUP that excluded the City's Ballona (Playa Vista) area (Areas B & C), but retained an undeveloped area adjacent to the wetlands referred to as Area A. No land use changes were made and the LUP still included a requirement that no further residential or commercial development could occur until a new road, the Marina Bypass, was extended from the end of Route 90 to Washington Blvd.

A lawsuit challenged the LUP for Area A, along with Areas B and C within the City of Los Angeles. Following settlement of this legal action, on September 12, 1990, the Commission approved the segmentation of the County LUP area into two segments—the 804 acre Marina del Rey segment and the Playa Vista Area A segment consisting of the 112 acre portion of the Ballona wetlands that remained in the County's jurisdiction. The Commission also reviewed the Implementation Plan (zoning) and effectively certified the LCP for the Marina Del Rey segment -- with the exception of Area A which remains uncertified--and transferred coastal permit authority on December 13, 1990.

On February 8, 1996, through LCP Amendment No. 1-94, the Commission reaffirmed the segmentation of 141-acre Playa Vista Area A and effectively certified a comprehensively revised and updated LCP for the area of the publicly owned, and existing developed, 804-acre Marina.

The revised LCP was intended to encourage the recycling of the older development in the Marina with newer development at higher intensities. The LCP as revised through the certification of the 1994 amendment allows redevelopment at a higher intensity with a significant increase in height and density. These increased heights were certified in exchange for the establishment of 20% "view corridors" across all parcels that are located adjacent to the water. As an incentive to widen view corridors, the LCP allows greater heights to developers who proposed wider view corridors. The revised LCP also adopted an alternative traffic mitigation system that did not require the development of the Marina Bypass. The alternative traffic mitigation established internal development limits (based on evening peak-hour trip caps) allocated to the entire Marina, and then to each of the mole roads (Development Zones). It established a total cap of 2,812 evening peak-hour trips for the Marina and required contributions by developers to mitigate the impacts of their development to traffic improvements inside the Marina and to the subregional

transportation system outside the Marina proper. The total number of units authorized under the base zoning of the LCP exceeded the number of units that the traffic system could accommodate or that the traffic limits would allow, even with mitigation. The LCP explicitly included this first-come, first-served strategy to encourage re-development of the Marina. Therefore, the revised LCP does not guarantee that zoning of a certain density, on any given parcel, would allow development at that density. In certifying the revised LCP, the Commission approved greater heights as long as view corridors were provided, and required wide, publicly accessible walkways along the bulkhead of the entire Marina.

After the LCP was updated in 1996, the County subsequently developed an Asset Management Strategy (AMS) for the Marina which established priorities for lease extensions and redevelopment. The AMS, while in many ways consistent with the LCP, was developed to encourage re-investment and guide lease renewals and was not certified as part of the LCP. However, the AMS advocates several major projects that would require LCP amendments.

Since the update of the LCP in 1996, only two LCP amendments have been submitted. LCP Amendment No. 1-95 was subsequently withdrawn. LCP Amendment 1-01 was certified on January 7, 2002. This LCP Amendment changed the land use designation for Parcel 20 from Marina Commercial to Residential IV "Medium High Density Residential."

Because the County comprehensively revised the certified LCP in 1996, this Periodic Review focuses mainly on County LCP implementation since that time.

Post certification local permits and appeals

From initial transfer of permit authority in 1990, the County has issued 14 local permits, half of which have been since the 1996 LCP update (Exhibit 3 Local Coastal Permits Approved). It is not known how many exemptions or waivers from permit requirements have been issued.

The Commission has issued about 34 permits in the Commission's jurisdiction in the Marina. Over half of these (53%) have been for projects to replace or reconfigure docks or other boating structures. About 15% of the Commission permits were issued to LA County for public works projects related to public access, water quality treatment structures or other restoration efforts.

A total of 5 appeals have been filed. The Commission found Substantial Issue on three of them. Public access and transportation, phasing of development with traffic improvements, density of residential development, height, view corridors, parking, boating support facilities and shoreline access were among the issues raised as Substantial Issue.

Highlights in County LCP Implementation

The Periodic Review shows that the County of Los Angeles Department of Regional Planning and the Department of Beaches and Harbors has taken significant steps to achieve Coastal Act objectives and to respond to changing conditions through the implementation of the LCP and other regional resource management efforts. While all of the County planning and regional coordination efforts in coastal management cannot be listed, some of the major accomplishments since certification of the LCP include:

- Expansion of Public Shoreline Access, including implementation of components of a waterfront promenade, requirements for additional park lands in redevelopment, and implementation of a water shuttle.

- Improvement of Recreational Facilities**,** including improvements to three deteriorating fishing and view platforms along the north jetty were completed, requirements for Americans with Disability Act (ADA) compliant restroom and other facilities.

- Implementation of Water Quality Improvements, including participation in regional efforts to address water quality, developing a project to increase water circulation in Basin D, treatment devices within the public launch facility, requirements for additional boating pumpout facilities in redevelopment of marinas and participation in the Clean Boating Network.

- Participation in the regional update of the County Hazard Response Plan

Jurisdiction in the Marina

At the public workshop in February,2005, and in written comments, some members of the public raised jurisdictional questions. These included: 1) whether the Marina was federally owned and whether it was excluded from the coastal zone, based on initial mapping of the coastal zone, and 2) whether the state had authority over the Marina del Rey as public trust lands. These issues have been raised and responded to by both the County and the Commission through various prior written responses or responses to Public Records Act requests for information.

The Commission staff has consistently noted that Marina del Rey is not owned by the federal government and is not excluded from the coastal zone. [9] Staff review of early Commission LCP planning materials shows that the Commission has been consistent in noting that the County owns and operates the Marina del Rey and that it is within the

[9] Letter from Alex Helperin, Staff Counsel to John Davis, June 2, 2003, p. 2. . In addition, even if the Marina del Rey were to be federally owned, federal lands are not, by virtue of their federal status, excluded from the "coastal zone" area defined by the California Coastal Act. See, e.g., Cal. Pub. Res. Code §§ 30008, 30103, 30150.

coastal zone. The County described its ownership in a legal memo to the Small Crafts Harbor Commission:

> *Title information and other records maintained by the County Department of Public Works, demonstrate that the County of Los Angeles owns the fee title to the land and water areas of Marina del Rey, except for a small portion of the main channel that is seaward of the of [sic] Ocean Front Walk (Ocean Front Walk is essentially parallel to the shore line at the seaward edge of the development on both sides of the entrance channel to the Marina). That particular water portion of the Marina is owned by the state, operated by the City of Los Angeles and was franchised to the County in 1957 to allow for the excavation of the Marina main channel."* [10]

And,

> *The United States of America owns two permanent easements affecting the Marina and has also operated a coast guard facility in the Marina since approximately 1962 under a lease from the County. The two easements cover existing water areas of the Marina main channel and entrance and specifically indicate that their purpose is to allow for the federal government's construction and maintenance of the entrance channel and main channel facilities of the Marina to create and preserve their navigability.* [11]

In addition, Marina del Rey does not contain public trust tidelands subject to State public trust doctrine. This was determined through litigation. The U.S. Supreme Court case, Summa Corp. v. Calif. ex.rel. Lands Comm'n, 466 U.S. 198 (1984), determined that California waived its right to argue that it acquired right to lands of Rancho Ballona (a Mexican Land Grant Area which includes the Marina del Rey) as an incident to its sovereignty in 1850 (so that it would be subject to the public trust easement) by failing to raise such claims in the 1860s in federal patent proceedings pursuant to the Federal Act passed by Congress on March 3,1851 (§ 8, ch. 41, 9 Stat. 632).

While the Commission did not undertake its own title research due to limited resources and competing priorities, staff believes these jurisdictional questions have been addressed.

Public Participation

The Periodic Review held an Issue Scoping workshop on January 19, 2005 at which 50 to 60 persons participated. Following the workshop, over 50 written comments were received to provide input to the review. A public hearing was held before the Coastal Commission on March 16, 2005 during which additional public and Commission input was provided. A website and email address offered additional means for public outreach. Following hearing on this Staff Recommendation and Report, staff recommends an additional public

[10] Memo from Richard D. Weiss, Principal Deputy County Counsel, Los Angeles County to Small Craft Harbors Commission, July 14, 2003 p. 2
[11] Memo from Weiss (2003) p. 3

comment period for at least 30 days. A final Staff Recommendation and Report would be scheduled for a future hearing.

2. Recreational Boating

A. Overview

Marina del Rey is located between the coastal communities of Venice and Playa Del Rey in the County of Los Angeles. The Marina is owned by the County and operated by the County's Department of Beaches and Harbors. The landside areas of the Marina are developed with a variety of commercial, residential and recreational uses.

The Marina was planned and developed as a recreational small craft harbor. Construction on the Marina began in 1957 and was officially opened in 1965. Encompassing about 375 acres of land and 405 acres of water, the Marina is considered the largest man-made small craft harbor in the world. The Marina provides approximately 4,626 boat slips, within approximately 25 separate public and private anchorages, approximately 437 dry storage spaces, transient docks (33 slips), and a ten lane public launching ramp (see Exhibit 4 Boating Facilities).

Other boating support facilities include two boating fueling docks, three public pumpout stations, boat repair yards, charter and rental boats, harbor tours, and sailing instruction schools. The fuel docks are located on the east side of the main channel at the entrance of Basin H and near the Marina's public launch ramp facilities and on the west side of the main channel, near the entrance to the Marina. The three public pumpout stations are located at the public launch facilities, the transient docks, located along the main channel, and at the fueling station near the Marina entrance. In addition to the three public pumpout stations, a number of the individual marinas provide private pumpout stations for their boat tenants.

According to the LCP, a primary purpose of the Marina is the provision of recreational boating opportunities to satisfy local needs. The LCP states that, in 1980, there were 102,000 registered boats within Los Angeles County and it was estimated that there was a shortage of 10,000 wet slips beyond the 14,508 provided throughout the Los Angeles County area. Current estimates indicate that boat ownership in California will grow at a rate between 1.4% to 2.5% per year between 2000 and 2020. [12]

In the 1996 certified LCP, the County contemplated expansion of the wet slips through placement of new slips in the existing harbor, from expansion of harbor waters into undeveloped areas and by reconfiguration of existing dock areas. The LCP included plans for developing new slips along the main channel. This expansion plan is referred to as the "funnel" concept. This concept was designed with the assumption that as the main channel extends northward into the Marina there will be less boat traffic, providing

[12] California Department of Boating and Waterways, *California Boating Facilities Needs Assessment*, October 15, 2002.

additional main channel space for developing wet slips. This concept was anticipated to provide an additional 20 acres for new slips.

B. Policy Framework

Coastal Act

The recreational policies of the Coastal Act encourage the increase in and protection of recreational and commercial boating facilities. The main provisions of Chapter 3 of the Coastal Act that provide statewide policies for encouraging the increase in and protection of recreational and commercial boating facilities include Sections 30210, 30213, 30224, 30234, and 30255.

Section 30210 of the Coastal Act states:

> *In carrying out the requirement of Section 4 of Article X of the California Constitution, maximum access, which shall be conspicuously posted, and recreational opportunities shall be provided for all the people consistent with public safety needs and the need to protect public rights, rights of private property owners, and natural resource areas from overuse.*

Section 30213 of the Coastal Act states:

> *Lower cost visitor and recreational facilities shall be protected, encouraged, and, where feasible, provided. Developments providing public recreational opportunities are preferred.*

Section 30224 of the Coastal Act states:

> *Increased recreational boating use of coastal waters shall be encouraged, in accordance with this division, by developing dry storage areas, increasing public launching facilities, providing additional berthing space in existing harbors, limiting non water dependent land uses that congest access corridors and preclude boating support facilities, providing harbors of refuge, and by providing for new boating facilities in natural harbors, new protected water areas, and in areas dredged from dry land.*

Section 30255 of the Coastal Act states:

> *Coastal-dependent developments shall have priority over other developments on or near the shoreline. Except as provided elsewhere in this division, coastal-dependent developments shall not be sited in a wetland. When appropriate, coastal-related developments should be accommodated within reasonable proximity to the coastal-dependent uses they support.*

LCP

The LCP states that the primary purpose of the Marina is to provide recreational boating opportunities for citizens of Los Angeles County. To protect and increase recreational boating in the Marina, the LCP contains the following policies:

Recreational Boating a Top Priority

Policies and Actions e.1. Recreational boating shall be emphasized as a priority use throughout the planning and operation of the Marina. To help achieve this goal, the Plan shall strive to ensure that adequate support facilities and services are provided including, but not limited to, the following: boat slips, fueling stations, boat repair yards, boat dry storage yards, launch ramps, boat charters, day-use rentals, equipment rentals and on-going maintenance of the Marina harbor and entrance channel, bulkhead repair, pollution control, safety and rescue operations, and sufficient parking for boaters. Emphasis shall be given to providing water access for the small boat owner through provision of public ramp facilities.

Funnel Expansion Areas

Policies and Actions e.2. Additional public boating facilities in the Marina may be provided in accordance with the Funnel Concept Boat Slip Expansion Plan, as depicted on Map 6. Lease holders may construct additional slips according to the "funnel concept" and realign existing slips where possible provided that land side facilities fulfill lease and specific plan requirements, including provision of adequate parking to meet applicable Zoning Ordinance requirements. The specific design and location of new boat slips shall be subject to navigational safety review by the Harbor Master.

Boating-Related Support Facilities

Policies and Actions e.3. At a minimum, the existing level of boating-related support facilities and services shall be maintained for the boating public. These facilities shall include, but are not limited to, the fuel docks on parcels 1 and 55, boat repair yards on parcels 53 and 54, the mast up storage and hoist on parcel 77, the County launch ramp and support parking on parcel 49, and small launch ramps and rental facilities on other parcels. With the exception of the facilities located on parcels 1, 54, 55, and 56, which shall not be displaced, boating facilities may be relocated in conjunction with development so long as the same or larger boating facility is replaced within the Marina. Any project which relocates an existing coastal dependent boating use, including but not limited to boat launching, boat storage, boater parking and access, shall be phased so that said use is replaced within the Marina before the development which displaces it may commence.

Policies and Actions e.4. Additional boat storage facilities may be developed within Marina del Rey. Deck storage for sailboats may be constructed on a portion of parcel 49 and dry stack storage may be constructed on parcel 53 or on other parcels with a marine commercial or visitor serving commercial designation, as long as public parking and views are preserved.

Policies and Actions e.5. Commercial Fishing Not a Priority. Recreational boating shall be emphasized over commercial boating activities, because of the strong public demand for recreational boating facilities. The original plans for Marina del Rey did not include support facilities for commercial fishing, and none have been developed or planned since then.

C. LCP Implementation Issues

The LCP as updated and certified in 1996 contains policies addressing boating. The policies provide for the protection and provision of support facilities and services, and for increasing the number of boat slips through expansion into other areas by implementing the "Funnel" concept. Since certification of the LCP, there has been a net decrease in the number of slips through Marina redevelopment projects. The County has also determined that the "Funnel" concept, which was proposed as a potential expansion for boat docks along the main channel, is not a viable boat slip expansion plan. If additional slips were added to the main channel it would reduce the width of the channel and adversely impacting recreational boating use within the channel. And, as Marina del Rey is virtually built out, there are no additional areas in which to expand boat docks within the existing Marina.

The 1984 certified LCP, states that the Marina provided 6,189 boat slips. The 1996 LCPA, states the Marina provided 5,923 boat slips, a difference of 266 slips. According to the County, the discrepancy in reported number of slips is a result of the method for counting slips. The County indicated that two different surveys methods were used and each one incorporated into the counts different sets of illegal slips (slips not approved and not built to County code). One survey counted all illegal slips (end ties and boats docked along the bulkhead) and the other included either end ties or just bulkhead slips. The most recent count in 2000, which was conducted for the Marina study, *Marina Del Rey—Boat Slip Sizing and Pricing Study*, April 20, 2001, prepared for the Los Angeles County Department of Beaches and Harbors by Williams-Kuebelbeck & Associates, Inc., excluded all end ties and bulkhead slips since the County was requiring code compliance for all slips in all marinas. Therefore, based on the most recent survey, that excludes all illegal slips, the total number of slips throughout the Marina reported in 2001 was reported as 4,626 slips.

Between certification of the LCP and 1996, there were very few Marina boat dock redevelopment projects proposed and approved, and only minor slip reductions. Since 1996, the Commission has approved three separate Marina boat dock renovation projects that involved replacement and reconfiguration of the existing dock systems within three

separate marinas (CDP No. 5-96-108, 5-01-019, and 5-01-143) [13]. These three projects reduced the overall number of boat slips from 4,626 slips to approximately 4,178, a total reduction of 448 slips. However, this overall reduction impacted the overall reservoir of smaller slips more, because through reconfiguration and redistribution of the slip sizes, more smaller slips were replaced with fewer larger slips. As a result, there has been an overall loss of approximately 520 slips in the 26 foot and smaller range.

The continued loss of slips, combined with a lack of potential expansion area within the Marina, could have an adverse impact on boating opportunities within the Marina by reducing the number of slips available to the public. According to forecasts from a 2002 study prepared by the California Department of Boating and Waterways, between 2000 and 2020, the overall number of boats [14] in all of California will increase on average by 13,337 to 23,092 boats per year, a growth rate of between 1.4% to 2.5% per year [15]. Most or all of the growth is expected to be in the category of boats under 26 feet long, with modest overall growth in the size categories 16 feet to 19 feet and over 26 feet.

Based on this forecast, since boats under 26 feet are expected to experience the highest growth in ownership, it would seem that the public demand for boat slips would then be for boat slips that are 26 feet and under. However, although the largest growth in boat ownership is expected to be in the smaller boat category (less than 26 feet), the greatest demand for boat slips is for slips larger than 26 feet, and the rate of increase in demand is also highest for larger slips. According to statewide and regional studies, the demand for the smaller slips has been declining regionally and locally. According to the Williams-Kuebelbeck & Associates, Inc. study previously cited, boat slip vacancies are generally higher for boat slips under 36 feet than for boats slips 36 feet and longer. [16] Of the approximate total of 4,626 boat slips provided within Marina del Rey at the time of the study, 28% (1,291) of the total slips are 25 feet or under. The study indicates that the overall average slip vacancy for all slips is approximately 9%. The Marina wide survey showed that in 2000 the vacancy rate for boat slips less than 36 feet was approximately 10%, and slips between 18-25 feet had a vacancy of approximately 12%, while the vacancy rate for boats 36 to 50 feet was 2%. This is also the trend statewide according to the California Department of Boating and Waterways *Facilities Needs Assessment* report.

This regional and statewide trend, indicating an increase in registered small boats but higher vacancy rates for small boat slips, is due to the fact that California's boats under 26 feet are most commonly stored on trailers on their owner's property, whereas most boats

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[13] The Commission retains permit over submerged lands (original jurisdiction), which is all areas seaward of the mean high tide line. In Marina del Rey, the Commission's original jurisdiction is generally demarcated by the Marina's bulkhead. Therefore, all development seaward of the bulkhead is within the Commission's original jurisdiction and permit authority is retained by the Commission. Under its authority as a local government, the County has jurisdiction as landowner, and as administrator of other land use laws to issue permits other than Coastal Development Permits.
[14] Boats registered with the State Department of Motor Vehicles
[15] California Department of Boating and Waterways, *California Boating Facilities Needs Assessment*, October 15, 2002. Projections in the *California Boating Facilities Needs Assessment* study were based on regional per capita boat ownership along with California Department of Finance county population forecasts
[16] Vacancy rates for Marina del Rey were based on rental information from the individual marinas

26 feet or longer are kept in the water at marinas. According to the Dept. of Boating and Waterways' boating study, statewide only 8 percent of boats under 26 feet are stored in water, and 76.5 percent are stored on trailers. For boats over 26 feet, 84.2 percent are stored in the water and 14.5 percent are stored on trailers.

Regionally, since the early 1990's, marinas have been reconfiguring their slip sizes and slip distribution to favor larger boats—boats 36 feet and larger—because of the decrease in demand for small boat slips and the increase in demand for larger slips. The redesign of existing marinas also results in the loss of slips due to current design standards. Requirements from the Layout and Design Guidelines of the Department of Boating and Waterways requires larger boat slips compared to previous years. Incorporation of the current design requirements will result in fewer slips being redeveloped in any given water space. Because today's boats, especially power boats, are getting wider, boat slips are being designed to accommodate the larger and wider power boats to allow marinas the flexibility to accommodate the wider power boats and the older smaller boat in one slip design. Redistribution of slip sizes within existing older marinas will require more water space within marina basins for floating walkways, fingers, increased berth sizes, and greater fairway widths (area between interior channels and berths) to accommodate the larger boats. Slip numbers are also being reduced due to the Americans with Disability Act (ADA) requirements, which require projects for redesigned and new docks to provide handicap access through wider docks, fingers, and gangways to meet current ADA standards. These changes result in the loss of slips to accommodate the wider and longer facilities.

Although the trend for new and redeveloped marinas is for larger boats, and small boat slips show the highest vacancy rates, the data indicates that in Marina del Rey, there continues to be a demand for slips that are 25 feet or less. As of 2001, there were approximately 1,291 slips that are 25 feet and under located throughout Marina del Rey. This amount represents 28% of the 4,626 total slips. Although slips less than 36 feet represent the largest vacancy, the demand for boat slips 25 feet or less in length is at approximately 25% (1,136 slips) [17] of the total slips provided in the Marina. Based on this information, there continues to be a demand for boat slips 25 feet or less. Therefore, it is important that the Marina continue to provide a mix of slips, including small boat slips, to meet the boating demand for all boat lengths.

Furthermore, boats 26 feet and under are considered by many as "small" boats and considered lower cost recreation. While it is arguable that recreational boating is in fact a lower cost recreational activity, in general, smaller boats are less expensive, and therefore more available to a larger segment of the population than are larger boats. In past coastal development permit actions, the Commission has heard testimony contending that a reduction in the availability of slips that accommodate smaller boats reduces the option for those who want to own boats and use the smaller slips.

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[17] Based on information from Marina Del Rey—Boat Slip Sizing and Pricing Study, April 20, 2001, prepared by Williams-Kuebelbeck & Associates, Inc.

As stated, smaller boats are pulled by trailer and stored more often than larger boats. The Marina currently offers approximately 437 dry boat storage spaces in three locations adjacent to or near the public launch ramp to support storage needs. The Marina also provides a dry storage area for small watercraft, such as kayaks and canoes, adjacent to Marina Beach. The current storage facility for kayaks and canoes is small, but generally does not reach capacity; however, according to the County, there is a high demand for use of the facility during peak periods (summer weekends). The Commission recently approved a coastal development permit (5-04-200) that included improvements to the small watercraft launch ramp that is located adjacent to the storage area. The improvements would expand the dock and lower a portion of the dock to help facilitate launching. This project will help increase lower cost recreational boating in the Marina consistent with the LCP.

To further support lower cost boating recreation in the Marina, the LCP states that adequate support facilities and services should be provided including, boat charters, day-use rentals and equipment rentals. These lower cost uses are being provided in areas such as the visitor-serving commercial area at Fisherman's Village and adjacent to Marina Beach. The County also offers kayak lessons at Marina Beach.

D. Conformance with Coastal Act

The Coastal Act states that lower cost visitor and recreational facilities shall be protected, and increased recreational boating use of coastal waters shall be encouraged. The Act identifies a number of ways to achieve this, such as, developing dry storage areas, increasing public launching facilities, and providing additional berthing space in existing harbors. Although the provision and protection of small slips is one way to provide lower cost recreational boating facilities, there are other facilities that could be provided to ensure that low cost boating opportunities are protected.

The LCP emphasizes recreational boating as a priority use. To achieve this, the plan includes policies that strive to ensure adequate support facilities and services are provided. According to the LCP, support facilities and services include, boat slips, fueling stations, boat repair yards, boat dry storage yards, launch ramps, boat charters, day-use facilities, and parking.

Since the LCP was updated in 1996, the County has re-evaluated the potential to expand boat slips through the Funnel Concept. The County determined that many boaters make use of the main channel as the primary boating area. As a result, the County determined that expanding new boat docks into the main channel would impact existing boater recreation. In addition, the Marina lacks new undeveloped areas in which to expand new Marina construction.

Because the Marina boating facilities are within the Commission's original jurisdiction, the continued protection and enhancement of recreational boating is an area that exemplifies

the coastal management partnership. The LCP plays an important part in protecting and enhancing boating opportunities by protecting or expanding upland support areas and facilities, and by providing alternative ways for the public to access the water for boating. In addition, in negotiating leases for Marina redevelopment, the County is responsible for ensuring that the leases carry out the LCP.

Maximizing Use of Existing Slips

With regards to boat slip mix, since certification of the 1996 LCP, the Commission has approved three projects that affected recreational boating and the number of available boating slips (CDP No. 5-96-108, 5-01-019, and 5-01-143). At this time, only one is currently under construction. When all three are finally constructed, there will be a reduction in the total number of slips provided in the Marina; however, based on current demand, there will continue to be an adequate supply of wet slips to meet the demand for slips within all boat slip size ranges. These projects will provide new updated docks providing attractive, safer, and handicap accessible facilities, which should increase boating use and help meet boater needs. However, to continue to protect the public demand for boating and lower cost recreational facilities, consistent with the Coastal Act, the County should ensure that the LCP policies and objectives protect an adequate mix of slip sizes to continue to meet the demand for all boat size categories of boat owners. To guide potential Marina redevelopment projects that include both a landside and water component, the County should include in the LCP requirements that as projects are proposed, updated comprehensive reports are provided to supplement the previous Marina study to assess current boater facility needs within the Marina as suggested in Recommendations 1 and 2. This will also help assure that the Commission review of permits will reflect more up to date information in review of the water components of projects.

Alternatives to Slip Expansion

To ensure that the County will continue to promote an increase in recreational boating consistent with the Coastal Act, the County needs to update the LCP by eliminating the outdated expansion plan (Policy and Action e.2) and replace it with other alternatives to expand recreational boating, such as, protecting the mix of boat slips to protect boater demand, encouraging public boating clubs and membership programs, providing additional boat storage facilities, increasing transient or day use docks, expanding launch facilities for personal watercraft such as kayaks and other landslide development to facilitate boat access. As suggested in Recommendation 3, the County should update the LCP to reflect the changes in potential expansion of in-water slips and strengthen provisions of the Plan to ensure expanded shoreside development that offers alternative boating access.

To further increase recreational boating in the Marina, the County should also encourage boating membership programs, or similar programs, that provide lower cost boating opportunities to the general public without the cost of boat ownership. A policy to promote these programs and encourage individual marinas to provide these membership

opportunities will provide lower cost boating opportunities and expand recreational boating to those that may not otherwise be able to afford the high cost of boat ownership. The County has indicated that a potential aquatic center is being considered and such facilities could potentially assist in enhancing recreational boating consistent with the Coastal Act.

Another alternative to wet slip boat storage that could increase recreational boating opportunities is expansion of dry storage areas within the Marina. The Marina currently offers approximately 437 dry boat storage spaces in three locations adjacent to or near the public launch ramp. The Marina also provides a dry storage area for small watercraft, such as kayaks and canoes, adjacent to Marina Beach. At this time, the dry stack storage provided within the Marina may be adequate to support the current demand; however, if small boat ownership continues to grow and these boats continue to be trailered as the studies indicate, additional dry storage within the Marina may be necessary to support the potential future increase in dry storage demand. Addressing this issue, the 1996 LCP states that additional boat storage facilities may be developed. Although additional dry storage has not been developed since the certification of the 1996 LCP, the County is currently investigating the possibility of a multi-story dry stack storage facility that will increase the number of dry boat spaces within the Marina. If found consistent with the Coastal Act, such a facility would increase storage capacity and boater recreation in the Marina.

Furthermore, a number of factors may contribute to future congestion of the existing public launch ramp. The trend in the increase in small boat ownership is likely to continue and more small boats are being stored offsite and trailered to the Marina. The County has also determined that it will be difficult to expand water areas committed to slips and new launch ramps, and is exploring future expansion of dry stack storage to increase the Marina capacity. As a result of these cumulative factors, congestion at the one existing public launch ramp may become an issue in the future. Therefore, the County should anticipate this cumulative effect and proactively develop measures to minimize congestion and facilitate boat launching to maximize boating access.

In addition to considering expanding the dry stack storage for the larger boats, the County should also consider expanding the small watercraft (kayaks, canoes, and dinghies) storage located at Marina Beach. The current facility is small, but there is a high demand for use of the facility during peak periods (summer weekends). The Commission, recently approved a coastal development permit (5-04-200) that included improvements to the small watercraft launch ramp that is located adjacent to the storage area. The improvements would expand the dock and lower a portion of the dock to help facilitate launching. This project will help increase lower cost recreational boating in the Marina consistent with the LCP. However, to further increase this lower cost recreational boating use in the Marina, the County should provide new, or expand existing, dry storage facilities for these smaller watercraft to meet the demand during peak periods.

The Marina also provides 33 transient slips to further promote recreational boating. These slips are for temporary use by boaters and allow day use and stays of up to seven days

within a 30-day period. The transient slips are located along the main channel and Basin H, adjacent to Burton W. Chace Park (Parcel EE). According to monthly occupancy data provided by the County's Department of Beaches and Harbors, occupancy of the transient slips averages approximately 55% (18 slips) for the year, with occupancy during the summer period (June to September) increasing to approximately 73% (24 slips). Based on the available data, the Marina provides adequate transient slips in support of recreational boating. However, the transient slips are located in one central location. Although they are located adjacent to Burton W. Chace Park, a popular recreational facility, locating all transient docks in one location does not promote or facilitate use by boaters of the other recreational and visitor-serving amenities offered in the Marina, such as Marina Beach located in the northwest portion of the Marina, the restaurants and hotels also located in that area, and the visitor-serving area of Fisherman's Village. To improve access by boaters to these other areas, the Marina should provide guest or short-term day use slips in areas that would encourage boater use of the recreational and visitor-serving amenities offered in the Marina, as well as adjacent surrounding areas, such as Venice Beach. Furthermore, by providing additional temporary use slips, this will help support the expected increase in smaller boats that are trailered and launched. Therefore, because the LCP provides direction to Marina redevelopment projects with both landside and water components, the LCP should include a policy and designate areas where redevelopment should incorporate expanded guest boat access to increase short term/day use docks throughout the Marina, as suggested in Recommendation 4. By incorporating policies into the LCP to implement these suggested measures, the County can improve increase recreational boating in the Marina consistent with Sections 30210, 30213, 30224, and 30255 of the Coastal Act.

3. Marine Resources/Water Quality

A. Overview

Since certification of the LUP in 1986, nonpoint source pollution has emerged as a key concern in protecting water quality, and much attention has focused on protecting water quality in Santa Monica Bay. The Bay was included in the National Estuary program in 1989. In 1990, Congress enacted the Coastal Zone Act Reauthorization Amendments which directed states and local governments to manage land use activities to prevent degradation of coastal waters and marine habitats and to improve how nonpoint source pollution is managed.

Local, regional and state agencies and non governmental organizations have continued efforts to improve water quality in the Santa Monica Bay, including the Marina waters and adjacent wetlands of Area A and Ballona.

Los Angeles County has been a key partner in implementing the water quality requirements in the region. Many new requirements for addressing water quality were reflected in the LCP update in 1996, including reference to measures to implement the

Municipal Stormwater NPDES [18] Permit for Los Angeles County (Municipal Stormwater Permit) and the Santa Monica Bay Restoration Plan adopted in 1995. However, since update of the LCP in 1996, significant changes continue to occur in various programs and regulations directed at improving water quality. The Commission, in reviewing and acting on Local Coastal Program submittals and amendments, has continued to strengthen LCP provisions related to Water Quality.

B. Policy Framework

Coastal Act

The Coastal Act includes several policies to protect marine/terrestrial resources and water quality. Section 30230 of the Act requires that marine resources be protected, maintained, and, where feasible, restored. The biological productivity of coastal waters, including streams, estuaries, and wetlands, must be maintained. Requirements include controlling runoff and waste discharges to protect water quality, maintaining groundwater supplies and stream flows in order to sustain the biological productivity of coastal waters, and minimizing the alteration of riparian habitats and streams (Sections 30231 and 30240). Section 30232 requires that protection against the spillage of crude oil, gas, petroleum products, or hazardous substances shall be provided in relation to any development or transportation of such materials. Effective containment and cleanup facilities and procedures shall be provided for accidental spills that do occur.

LCP Policies

When the Commission certified the updated LCP in 1996, it found that the LCP was not adequate to address protection of water quality and marine resources. The LCP was modified to strengthen policies to address marine resources in the Marina including the Marina waters, the Ballona Creek flood control channel, wetlands and the Oxford Stormwater Retention Basin. [19] Suggested modifications were adopted to address water quality protection through measures to carry out BMPs and the Bay restoration plan. Modifications to ordinances included changes that would require control and filtering of drainage from roofs, parking lots and impervious surfaces, and containment of toxic materials consistent with the County's Municipal Stormwater Permit and the Santa Monica Bay Restoration Plan. [20] As a result, the updated LCP implements water quality requirements primarily by ensuring control of runoff and containment of toxic materials consistent with the County's Municipal Stormwater Permit and the Santa Monica Bay Restoration Plan. Under the current LCP, water quality requirements are addressed in a number of policies and ordinance standards rather than through specific land use

[18] Nonpoint Source Discharge Elimination System

[19] Marina del Rey, Los Angeles County LCP Amendment 1-94 Revised Resolutions and Findings for Denial of LCPA, as Submitted and Findings for Approval of LCPA, as Modified, page 70.

[20] CCC, Revised Findings CD-083-94 p.71.

designation and standards for the Marine Commercial, Boat Storage, Water or Waterfront Overlay Zones. The LCP notes that:

> *Harbor water quality is controlled by applicable codes in the Los Angeles County Code, Title 19 (Airports and Harbors). The U.S. Environmental Protection Agency in conjunction with the State Water Resources Control Board has brought storm water runoff systems under waste discharge requirements. (LUP p 4-10)*

LCP policies require protection and enhancement of marine resources, specifically:

> *2. All development shall include measures consistent with the Santa Monica Bay Restoration Plan and the programs of the Department of Public Works to reduce contaminated runoff into bay and Ballona Creek waters, including filtration of low flows, control and filtration of runoff from parking lots and roofs, reduction of impervious surfaces, and provision of pump out facilities, and other necessary measures to reduce harmful pollutants from storm drain waters prior to these waters entering the marina.*

Specifically, the County code includes the following water quality requirements:

> *C. Storm Drains.*
> *1. The existing Marina is served by storm drains which deposit flows into the Marina basin. The drains are expected to be adequate to accommodate future development. To reduce the amount of pollutants entering the Marina from Ballona Creek, the department of public works will implement appropriate best management practices within the Ballona Creek watershed, as required by the county NPDES municipal storm water permit.*
> *2. Unless otherwise required by the Regional Water Quality Control Board and the County Flood Control District, the storm drain emptying into Basin H will be capped and diverted into Ballona Creek or another area of the Marina. (LIP p.18)*
>
> *Filing requirements.*
> *6. Avoidance and Mitigation of Flood Control Hazards and Control of Surface Runoff Flood hazard and runoff management standards shall apply to all new development. To protect marine resources within the existing Marina, to manage runoff associated with proposed development, all development proposals shall assure that:*
> *- The flood hazard due to new development is mitigated;*
> *- Upstream and downstream property owners are not adversely affected;*
> *- The drainage proposal complies with all County, State and Federal statutes and ordinances;*
> *- The drainage of roofs and parking lots conform to the best management practices contained in the County's non-point source NPDES permit, and the Santa Monica Bay Plan's requirements regarding new or marina development:*

- Containment, safe storage and management of all paints, solvents and other toxic and potentially polluting substances used during construction, repair or maintenance of buildings or of boats and floats;
- Accessible pump out facilities, waste disposal, and rest rooms for all parks and anchorages.
The department of public works shall be consulted for full flood-control requirements. (LIP p 21)

Policies require that in any development or redevelopment of the Oxford Retention Basin that water quality be improved. Ordinances to address water quality impacts from marinas and boating are incorporated by reference:

6. Boat operations in the Marina shall follow the regulations of Part 7 (Sanitation), Part 8 (Safety and Maintenance), and Part 9 (Marina del Rey) of Chapter 19.12 of the Los Angeles County Code, Title 19 (Airports and Harbors), to minimize introduction of pollutants into Marina waters. This language is found in Appendix B of the Local Implementation Program. (LUP p. 4-10)

Appendices to the LIP reference other applicable LA County Code sections of Titles 19 and 22 incorporated into the LCP requirements that ensure that lessees, "maintain the premises … in a clean, sanitary condition, free from malodorous materials and accumulations of garbage, refuse, debris and other waste materials." Refuse, sewage or other waste discharges are prohibited. Live aboards are restricted to prevent discharges. Ordinances specify requirements for garbage and rubbish control. Fish cleaning is limited to specific locations.

The LCP limits and restricts how and where boat repairs can take place to avoid runoff of toxic materials. The discharge of petroleum, coal or paint products is prohibited and requires reporting of any discharges. The development review process requires that new development contain paint, toxic and potentially polluting materials and regulates fuel floats to avoid spill of materials. Other clean-up material such as booms and absorbent materials must be kept on fuel docks to retain spills.

LCP section 22.46.1180(a)(6) requires that all new development shall assure:

Accessible pump out facilities, waste disposal and rest rooms for all parks and anchorages.

C. LCP Implementation Issues

1. Control of Stormwater Runoff

Since update of the LCP in 1996, significant changes have been implemented in the control of runoff and the County of Los Angeles has in many cases played a lead role in implementing these programs. These include:

Municipal Stormwater Permit: Since 1990, Los Angeles County and 84 incorporated cities have been subject to a Municipal Stormwater Discharge Permit issued by the

Regional Water Quality Control Board Los Angeles Region (LARWQCB) Order No. 01-182, NPDES No. CAS004001. The County and 84 cities are permittees, and the permit covers an area of approximately 3,100 square miles and serves a population of about 10 million. [21] The third 5-year permit was adopted on December 13, 2001. Under requirements of the permit, the permittees implement a Stormwater Quality Management Plan (SQMP) and a monitoring program to measure effectiveness of the program. Monitoring of nonpoint source pollution has increased within the watershed due to County efforts and to an increasing extent by volunteer monitoring groups around Santa Monica Bay. Under the permit, the County is required to implement the most effective combination of Best Management Practices (BMPs) for storm water/urban runoff pollution control in order to reduce pollutants in storm water to the maximum extent practicable.

Chapter 12.80 of the County ordinances on Stormwater and Runoff Pollution Control includes provisions that apply to any stormwater and/or runoff to the storm drain system and/or receiving waters within County area covered by the Municipal Stormwater Permit. However, Chapter 12.80 was not certified as part of the updated LCP or Appendices in 1996.

Stormwater Mitigation Plan: The Standard Urban Storm Water Mitigation Plan (SUSMP) developed by LA County Department of Public Works (DPW) was adopted by the State Water Board in 2000. The SUSMP is one specific implementation requirement of the Development Planning Program of the SQMP. The SUSMP outlines the necessary Best Management Practices (BMPs) which must be incorporated into projects for certain categories of urban development and redevelopment [22] in order to obtain municipal approval for the urban storm water runoff mitigation plan for a designated project prior to the issuing of building and grading permits. Only development of one acre or more of surface area is subject to key SUSMP requirements.
The SUSMP covers development or redevelopment of the following projects: [23]

- Single family hillside homes
- Ten or more unit homes (include apartments and condominiums)
- Automotive service facilities
- Restaurants
- 100,000 plus square-foot of impervious surface in industrial/commercial development
- Retail gasoline outlets
- Parking lots with more than 5,000 square feet surface area or with more than 25 parking spaces

[21] http://ladpw.org/wmd/NPDES/ accessed on 4/28/05
[22] Redevelopment is defined in the SUSMP to mean land-disturbing activity that results in the creation, addition or replacement of 5,000 sq. ft or more of impervious surface area on an already developed site and does not include certain routine maintenance and emergencies. LA County Department of Public Works, *Development Planning for Storm Water Management, A Manual for the Standard Urban Storm Water Mitigation Plan (SUSMP*), September 2002, p.1-3 footnote.
[23] LA County Department of Public Works, *Development Planning for Storm Water Management, A Manual for the Standard Urban Storm Water Mitigation Plan (SUSMP*), September 2002, p.1-3 and 1-4.

- Redevelopment projects in subject categories that meet redevelopment thresholds
- Located within or directly adjacent to, or discharging directly to, an environmentally sensitive area if the discharge is likely to impact a sensitive biological species or habitat and the development creates 2500 square feet or more of impervious surface.

The SUSMP requires that nonstructural and structural BMPs be incorporated into projects to control post-construction stormwater runoff. A limited waiver process is included in the SUSMP for specific properties where all structural or treatment control BMPs have been considered and rejected as infeasible.

Contaminated Sediments Plan: In 1997, the Commission and the Los Angeles Regional Water Quality Control Board (LARWQCB) established a multi-agency Contaminated Sediments Task Force (CSTF) to prepare a long-term management plan for dredging and disposal of contaminated sediments in the Los Angeles area. That plan considers aquatic and upland disposal alternatives, treatment, beneficial re-use, other management techniques and includes a component focused on the reduction of contaminants at their source. [24] The draft final plan was published in October 2004.

Beach Water Quality Monitoring: In 1999, the passage of AB 411 mandated beach water quality monitoring and reporting. Since that time, monitoring at sites in the Harbor has increased, and water quality problems highlighted in the Back Basins and at the Marina Beach (aka Mother's Beach).

State Nonpoint Source Control Plan: In 2000, the Coastal Commission and State Water Resources Control Board (SWRCB) jointly adopted the Plan for California's Nonpoint Source Pollution Control Program (CNPC) which was approved by NOAA and EPA. The Plan includes 61 management measures to better manage polluted runoff and protect water quality throughout the State. Under this plan, the Commission is to facilitate the incorporation of appropriate management measures (identified in the California Management Measures for Polluted Runoff Report (CAMMPR)) into LCPs as they are revised or updated.

Clean Beaches Initiative: In 2001, funding was approved for a Clean Beaches Initiative grant to LA County for projects to reduce bacterial contamination at Mother's Beach. As part of this effort, a coastal permit for a project to install water circulators was recently approved by the Commission in March 2005 (5-04-200; Los Angeles County Beaches and Harbors).

Designation as Impaired Waterbody: In 2002 and 1998, the Marina Back Basins and Mother's Beach were both listed by the LARWQCB on the Clean Water Act 303(d) List of Water Quality Limited Segment (approved by EPA in July 2003) as impaired water bodies that do not or are not expected to attain water quality standards after application of

[24] SB 673

required technology-based controls. [25] They were listed because the waters exceeded the total and/or fecal coliform water quality standards of the California Ocean Plan.

TMDLs: In 2004, as a result of the 303(d) designation as an impaired water body, the LARWQCB, adopted, and EPA Approved, the Bacterial TMDL (Total Maximum Daily Loads) for the Mother's Beach and Back Basins. [26] As described in the TMDL staff report, "*A TMDL specifies the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards and allocates the pollutant loadings to point and nonpoint sources."* [27] The Marina del Rey Harbor bacterial TMDL does not mandate specific strategies but only specifies the standards to be met, and implementation is over a 3-10 year period. The TMDL outlines possible implementation strategies based on 1) diversion and treatment; 2) circulation and 3) structural and non-structural control, and requires monitoring. The Municipal Stormwater Permit is a key implementation tool for the TMDL. The TMDL sets forth deadlines for certain required implementation actions and the County is in the process of implementing the TMDL requirements. Several reports submitted by the County under the TMDL are currently under review by the LARWCQB. It is important to note that the TMDL is a watershed-based program and includes significant inland sources as well and thus requires a cooperative implementation program.

This summarizes the many program changes to implement the state's program for control of polluted runoff that have been implemented since the LCP was last updated in 1996. Through the implementation of the LCP for Marina del Rey, the County has taken many steps as part of these overall programs to address polluted runoff in the Marina. It is important to note that Marina del Rey is the coastal discharge point for larger watershed areas that include significant inland sources of stormwater pollution.

Impacts to Marina Water Quality

The Marina's beach and waters are significant public recreation areas. Marina Beach, referred to as "Mother's Beach" is a crescent shaped sandy beach located at the end of Basin D. According to the SWRCB, about 200,000 people visit the beach each year. The beach is known for its calm waters suitable for swimming and easy access for launching of small recreational craft such as kayaks and outrigger canoes. Protection of water quality for recreation and for biological productivity of marine resources continues to be a priority.

The County routinely monitors the waters near Mother's Beach as well as elsewhere along the shoreline. The LA County Recreational Health program collects ocean water samples at Mother's Beach lifeguard station as part of its Ocean Monitoring Program, and if necessary, posts beach advisories and warning signs until tests indicate that bacteria levels meet State standards. The program also investigates complaints of illegal

[25] Final 2002 Clean Water Act Section 303(d) List of Water Quality Limited Segments
[26] California Regional Water Quality Control Board Los Angeles Region, *Total Maximum Daily Load to Reduce Bacterial Indicator Densities at Marina del Rey Harbor Mothers' Beach and Back Basins*, September 4, 2003, p.1.
[27] California Regional Water Quality Control Board Los Angeles Region, *Total Maximum Daily Load to Reduce Bacterial Indicator Densities at Marina del Rey Harbor Mothers' Beach and Back Basins*, September 4, 2003, p.6

discharges, sewage spills and areas of high chronic bacteria levels. [28] On April 28 2005, the County reported a 30-day average water quality grade of A for Mother's Beach. [29]

However, since 1996, Mother's Beach has experienced water quality impacts that adversely affect recreational use. According to US EPA, based on state reporting, beach postings have fluctuated over the years. Advisories and closings have been increasing since 2002, but are fewer than reported in 2000-2001. The SWRCB database reports somewhat similar trends to 2002 on closures and warnings in the Marina Harbor, as shown in the table below. [30]

Table 1: Federal and State Reports of Beach Advisories/Closings Mother's Beach and Back Basins[31]

Year	EPA reported Number of Advisories and Closings	SWRCB reported Number of Advisories and Closings
2004	20	
2003	24	
2002	12	MdR Beach: 6 closures/postings covering 18 days
2001	30	MdR Beach: 15 closures/warnings covering 33 days
2000	44	Basin H: 7 warnings covering 33 days

Stormwater runoff continues to be the largest source of pollution in Santa Monica Bay and across California. [32] It is a predominant cause of beach closures in each region of the state. It is the source of significant impact to the Marina as well. The County Periodic Review submittal of water quality testing results noted that the Marina is impacted spatially from pollutants from Oxford Slough and Ballona Creek, both of which collect runoff from significant inland areas, from the open ocean as well as other temporal impacts. According to the SWRCB, Mother's Beach suffers from chronic bacteriological contamination.

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[28] http://www.lapublichealth.org/eh/progs/envirp/rechlth/ehrecocdescrip.htm Accessed on 4/28/05

[29] log mean for the past 30 days of data for each sampling station is calculated for total coliform, fecal coliform or E. coli and enterococcus bacteria. Sampling data that are influenced by rainfall are excluded.

The 30 day log mean is applied to the tables 1 to arrive at a grade. Since a grade is generated for each of the 3 types of bacteria tested at each station, the lowest of the three grades is used as the assigned grade. http://www.lapublichealth.org/eh/progs/envirp/rechlth/ehrecocgrade.htm accessed on 4/5/05

[30] SWRCB annual Beach reports, Appendices, www.swrcb.ca.gov/beach/report/html accessed 4/5/05

[31] The state water boards and the EPA have different ways of recording postings and closures, although they are reporting the same events and thus there is no one set of water quality data on beach postings as indicator of water quality problems. California is developing more quantitative ways to express beach postings and closures, but that is not yet expressed in the official state reporting system.

[32] NRDC Testing the Waters 2004 pp CA-3.

As a result of monitoring, the Back Basins of the Marina and the Marina Beach have been listed as impaired by the SWRCB. As a result of this designation, a Total Maximum Daily Load allocation (TMDL) for Bacteria was adopted for the Marina watershed, which includes large inland areas in the Cities of Los Angeles and Culver City as well. Data from the County's regular monitoring over the last 7 years was used in development of the TMDL. A recent monitoring report for 2003-2004 noted:

> *… the major source of sediment contaminants to the marina this year were Oxford Lagoon and Ballona Creek. The hundreds of small storm water drains that surround the mid-channel and back basins contribute to contaminant loading, but these sources are difficult to measure and probably not of the same magnitude. Nearly all of the heavy metals followed a similar spatial trend in the Marina: highest concentration were in the back basins and mid-channel. Both Oxford Lagoon and stations located at Ballona Creek near the entrance to the harbor were also elevated. This trend suggest that once heavy metals are swept into the Marina from Ballona Creek and Oxford Lagoon they settle out and persist where current velocities are lower. Another possible source of these metals may be the re-suspension of historical industrial deposits during dredging activities. Copper and tri-butyl tin, which are historic components of anti-fouling paint, were again elevated in the back basins. While concentration of tri-butyl tin has declined following its removal from paint products in the 1970s, it's [sic] concentrations in the back basins during the past six years has remained fairly constant."* [33]

Regarding nonpoint sources, the TMDL staff report noted: [34]

> *Nonpoint sources of bacterial contamination at Mothers' Beach and the back basins of MdRH include marina activities such as waste disposal from boats, boat deck and slip washing, swimmer "wash-off", restaurant washouts and natural sources from birds, waterfowl and other wildlife. The bacteria loads associated with these nonpoint sources are unknown.*
> *Regional Board staff does not consider waste disposal from boats to be a significant source of bacterial loading, since, the lowest exceedance probabilities generally occur during summer dry-weather when the use of private and commercial boats would be highest. In addition, only the back basins of MdRH are listed as impaired for coliform. If boats were a major source of bacterial loading then one would expect other areas of the Marina to be impaired.*

Relative to bacterial loading, the TMDL report concluded that [35]

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[33] Aquatic Bioassay and Consulting Laboratories, The Marine Environment of Marina del Rey Harbor 2003-2004, December 2004, Executive Summary p.ii-iii.
[34] LARWQCB, TMDL Staff Report, 9/4/03 p. 28.
[35] LARWQCB, TMDL staff report 9/4/03 p.29.

> *…dry weather urban runoff and storm water conveyed by storm drains are the primary sources of elevated bacterial indicator densities to MdRH back basins during dry and wet-weather. As stated previously, the lowest exceedance probabilities generally occur during summer dry-weather both at Mothers' Beach and at the other back basins of MdRH. The highest exceedance probabilities occur during wet-weather, with the greatest magnitude of exceedance probability occurring within the OFCB [Oxford Flood Control Basin] (100% and 80%) and Basin E (90% and 80%)….The lowest exceedance probability during wet-weather occurs in Basin F, which does not have a storm drain discharging into the basin, which further supports the conclusion that storm water is the primary source of bacteria loading within the Marina.*

As established by the Regional Board, the County is working with other stakeholders to implement watershed requirements of the TMDL. The County located, identified and established ownership for all storm drain outlets discharging into the Harbor and reported on the results in the "Report of Small Drain Identification" dated July 15, 2004. While the LARWQCB cannot prescribe the specific methods for achieving compliance with the TMDL, the Board notes that the LA County Municipal Storm Water Permit and the CalTrans Storm Water Permit are key implementation tools for the TMDL.[36] Another strategy to implement the TMDL involves improving circulation in the harbor waters and recently obtained approval of a coastal permit application to install water circulators. (5-04-200; March, 2005)

<u>Water Quality Requirements in County Local Coastal Permits:</u>

In addition to the many implementation activities under the various watershed based efforts, the County implements water quality provisions of the LCP primarily through implementation of the Municipal Stormwater Permit requirements in coastal permits. Review of 14 post-certification permits issued from 1992 through 2004 indicates that the County in most cases required drainage and grading plans that provided for drainage controls "to the satisfaction of the Dept. of Public Works." (DPW is responsible for implementing the Municipal Stormwater Permit). More recent permits reviewed since 2000 have been more specific in requiring conditions to implement construction BMPs and specific compliance with Municipal Stormwater Permit requirements and the County stormwater management quality program. In 5 of the 12 permits reviewed, water quality was not raised as an issue and not addressed in any special conditions. However, these 5 were smaller development projects and may not be subject to requirements of the Municipal Stormwater Permit. The County in some cases works to incorporate water quality improvements in the project design. For example, in one major project on Parcels 12 and 15 in which the Commission found NSI on appeal, the County required additional water quality measures as part of the project, to add additional boating pumpout facilities.

[36] TMDL staff report 9/4/03 p. 44

Water quality was not found as a substantial issue in most of the appeals of County permits. In only one appeal did the Commission require more specific conditions directing applicants to implement specific BMPs.[37] The one LCP Amendment reviewed since 1996 (LCPA No. MDR-1-01, Rev. Findings July 25, 2002) did not raise issues concerning water quality.

[37] A-5-MDR-00-472 (Marina Pacific)

Table 2: County Permits and Water Quality

Year	Local CDP	Applicant	Parcel	Project	WQ Findings	WQ Conditions
1992	91216(4)	Winward Yacht Center	54	Boat Repair shop and Restroom on developed site	Surface runoff pattern will not change. All existing drainage will be into existing storm drains and the surface areas will remain essentially unchanged.	Provisions for natural drainage to satisfaction of Dept. of Public Works; Determine if Industrial Waste Permit is required from DPW
1992	91083	Aggie Cal Yacht Center	53	Boat Storage Bldg	Surface runoff pattern will not change. All existing drainage will be into existing storm drains and the surface areas will remain essentially unchanged.	
1992	91246	LA DBH		Seawall Repairs	Surface runoff pattern will not change. All existing drainage will be into existing storm drains and the surface areas will remain essentially unchanged. And CCC permit required for water portion of project	Provisions for natural drainage to satisfaction of Dept. of Public Works
1994	93128	Cal Yacht Club		Replace portable classroom coach w/l existing parking lot	No WQ findings or conditions; general "comply with all laws and regs language	
1995	95-053	Marina Pacific		Remodel and expand to provide restrooms, showers and laundry facilities for boaters.	No WQ findings or conditions; general "comply with all laws and regs language	
1995	94-150 (appealed)	Fantasea		Dock reconstruction	No WQ findings or conditions	
1995	91-329 (appealed)	Dolphin Marina/Goldrich & Kest	18R	Demo and redevelop residential commercial & boating	No WQ findings or conditions; general "comply with all laws and regs language	
1997	96-169			expand public library and modify bike path	No WQ findings or conditions; general "comply with all laws and regs language	

Year	Local CDP	Applicant	Parcel	Project	WQ Findings	WQ Conditions
2000	00-39 (appealed)	Marina Pacific	111 &112	Demo and construct 120 residential	Compliance with NPDES permit required and all stormwater mgmt program;	Cond. 15 requires drainage and grading plans by registered engineer to Dept of Public Works; requires construction measures--hay bales around perimeter of onshore dirt and requires site grading to drain away from harbor. Cond 33 requires compliance with NPDES-monitored and ensured thru filing of permits with the DPW
2000	98-134 (appealed)	Marina Two Holding	12 &15	Demo and redevelop residential commercial & boating	Compliance with NPDES permit required and all stormwater mgmt program;	Cond. 15 requires drainage plan. Cond. 18 requires dust control. Cond 32 requires compliance with NPDES.
2000	98-172 (appealed)	Goldrich & Kest	20	Demo and apt bldg	Compliance with NPDES permit required and all stormwater mgmt program;	Cond. 17 requires drainage approved by Dept of Public Works; requires construction measures--hay bales around perimeter of onshore dirt and requires site grading to drain away from harbor. Cond 34 requires compliance with NPDES-monitored and ensured thru filing of permits with the DPW
2003	02-277-(4)	Gold Coast Shopping Center	97	demo/reconstruction of commercial structures	compliance with NPDES permit required and all stormwater mgmt programs	
2003	03-030	Pashaie	95,LLS	11.4 KSF Net Retail Increase, 288 Rest. Seats, 1.3 KSF reduction in office	Applicant completed drainage/SUSMP approved by DPW;	Compliance with NPDES required prior to issuance of grading permits
2004	03-029	Pashaie	140	Net Increase of 115 D.U.'s	Applicant completed drainage/SUSMP approved by DPW;	Compliance with NPDES required prior to issuance of grading permits

2. Addressing Impacts From Boating Facilities

Since 1996, efforts to address polluted runoff related to marinas and boating have increased. As noted in the CNPC, marinas, boat yards and boating areas can impact water quality not only during construction activities, but also through ongoing boating uses. Water quality may become degraded from pollutants being discharged from boats, pollutants washed from docks in stormwater runoff, or from pollutants generated from boat maintenance activities on land and in water. [38] As the Santa Monica Bay Commission has noted, marinas act as collecting basins for a variety of substances, such as raw and chemically treated sewage, fish wastes, antifouling paint additives, oil and grease, wash water, urban runoff, and trash. [39] The California Dept of Boating and Waterways also notes that illegal discharge of boater-generated sewage can contribute to localized degradation of water quality. The DBW reports that a single weekend boater flushing untreated sewage into waters produces the same amount of bacterial pollution as 10,000 people whose sewage passes through a treatment plant. [40]

Even though the TMDL does not identify impacts from boating activities as a major source of bacterial contamination, there is no monitoring data that documents the possible impact of boating activities. In the Marina del Rey Harbor, there are currently 3 public pumpout facilities provided by the LA County Beach and Harbors. Public pumpouts at Chace Park and the Launch Ramp were both installed in 2000. A third facility charges a fee. There are 2 private pumpout facilities and no dump stations. In addition, there are two workboats that provide mobile pumpout service by subscription or on demand to boats while they are berthed in their slips. On occasion, large charter boats have used conventional septic tank pumpout trucks. One marina redevelopment project under construction is providing sewer connections at each slip. The County also provides facilities for fish cleaning near the main fishing area at Chace Park, and the Harbor Master enforces the no dumping requirements for sportfishing vessels.

Currently, the County requires that all marina terminals have an approved sewage management policy for renewals or redevelopment for leases or property. LCP ordinance Section 22.46.1180(a)(6) requires that new development provide accessible pump out facilities, waste disposal and rest rooms for all parks and anchorages. In addition, the State Department of Boating and Waterways administers a grant program to help fund the construction, renovation, operation and maintenance of pumpout and dump facilities.

The adequacy of pumpout facilities in marinas continues to be assessed. Technical Guidelines by the U.S. Fish and Wildlife Service for the federal Clean Vessel Act provided general guidance:

> *Section 3. What Constitutes Adequate and Reasonably Available Pumpout Stations and Dump Stations in Boating Areas*

[38] State Water Resources Control Board and California Coastal Commission, *Plan for California's Nonpoint Source Pollution Control Program*, January 2000.
[39] http://www.santamonicabay.org/site/programs/layout/boater.jsp#boating. Accessed on 4/6/05
[40] http://www.dbw.ca.gov/Pubs/Sanitation/index.htm Accessed on 4/8/05

> *As a general guide, at least one pumpout station and dump station should be provided for every 300 to 600 boats over 16 feet length overall. This is not a requirement, but guidance only, and should be modified depending on the situation.* [41]

The U.S. EPA relies on this broad, general guidance in assisting state and local governments in preparing applications for no discharge zones under the Clean Water Act. However, such a ratio is not adopted in any EPA regulation. [42]

Many public comments were raised concerning the need for more pumpout facilities in Marina del Rey and referenced State and Regional Water Board requirements in Newport Harbor and Huntington Harbor as possible guidance. Both Newport and Huntington Harbors are designated No Discharge Zones by EPA but Marina del Rey is not. The State and Regional Water Quality Control Boards relied on a specific needs assessment for each marina in developing requirements for Newport and Huntington Harbors.

Such a specific needs assessment for Marina del Rey is currently underway. In 2004 the California Department of Boating and Waterways (DBW) embarked on a study for the State Water Resources Control Board to assess the facility needs and the effectiveness of current vessel sewage waste programs for marinas in Los Angeles and Ventura County, including assessing the location and condition of existing sewage pumpout and dump stations, costs associated with operation and maintenance of facilities and suggested needs. The Department of Boating and Waterways submitted a draft report to the SWRCB in October 2004 and it is currently under review; the Regional Board is considering comments received from public workshops. [43] Because it has not been formally adopted by the Regional or State Boards, there are no current recommendations regarding facility needs in Marina del Rey and no specific ratio of pumpout facilities to boat slips has been adopted for Marina del Rey. The County submitted information on Marina/Vessel Boater Sanitation Standards in its first Periodic Review response. It noted that to meet the suggested guidelines of the Clean Vessel Act, Marina del Rey would need 7 to 17 additional pumpout and dump stations.

Requirements for additional waste management may be dependent not on a specific ratio but rather on the nature of the specific marina developments to reflect specific boater needs and use patterns. As part of the TMDL implementation, in July 2004, the County submitted a Marina Del Rey Vessel Discharge Report. Based on evaluation of the meters on the existing pumpout facilities in the harbor, the County concluded that the existing facilities were underutilized and operating at only about 20% of capacity. [44] The report suggests that boaters either use shore side restrooms or discharge their waste within the open ocean before returning to the harbor but note that some discharges may accidentally or unknowingly occur within the harbor on occasion. According to the County,

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[41] Dept. of the Interior, U.S. Fish and Wildlife Service, *Clean Vessel Act: Pumpout Station and Dump Station Technical Guideline, Notice of Final Guidelines*, Federal Register: March 10, 1994.
[42] U.S. General Accounting Office, Water Quality Program Enhancements Would Better Ensure Adequacy of Boat Pumpout Facilities in No Discharge Zones, May 2004 pp.13
[43] LARWCQB http://www.waterboards.ca.gov/losangeles/html/programs/nps/nps_marina_stat.html Accessed 4/21/05
[44] Los Angeles County, Dept. of Beaches and Harbors, *Marina del Rey Vessel DischargeRreport, July 15, 2004,* pp. 7-9.

enforcement of such discharges would require tagging the discharge with a visible dye and action taken immediately within sight of the infraction. The County notes, "It is not evident that simply increasing the number of pumpout facilities in a harbor will alter boater use patterns as long as it remains legal to discharge treated sewage offshore." [45]

In addition to the overall number, the distribution of facilities may be important. According to staff of the Dept. of Boating and Waterways boater use of pumpout or dump station facilities may be determined more by whether the facilities are conveniently located and whether they are consistently maintained in working order. [46]

The County's Vessel Discharge Report did not indicate the amount of time the public pumpout facilities were not in operating order. Material submitted subsequent to that report indicates that over roughly four years, the Chace Park public pumpout facilities required repairs 15 times, half of which resulted from vandalism. The pumpout facility at the launch ramp was repaired 5 times in that same period. While out of service facilities can be a deterrent to use, in the case of Marina del Rey, lack of maintenance does not appear to fully explain why facilities are not more heavily used. The County reports that that no illegal discharges have been document. [47] Lack of monitoring and enforcement may be an impediment to controlling water quality impacts from boating. For example, the Santa Monica Bay Plan suggests that the use of pumpout facilities be mandated and dye tablet testing be required in slip lease agreements or renewals and recommends development of regular inspection and maintenance schedules and dedicated maintenance funds. [48]

Inspection, maintenance and enforcement are important components that should be considered along with the development of any new facilities. Use of dye tablets may not be feasible in a harbor as large as Marina del Rey because it would require almost continual monitoring and enforcement [49], but other mechanisms to increase maintenance, inspections and enforcement may be needed and should be factored into coastal development permits.

The County is taking steps to increase the availability of waste management facilities. It reports that, since 2001, the County has included a requirement for an on-site pumpout station in all lease extensions for parcels with marinas and as a result anticipates at least 6 or 7 additional pumpout stations to be installed over the next seven years. [50] This would bring the total to about 11 or 12 for the overall 18 private anchorages and roughly 5,000 boat slips in the harbor.

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[45] Los Angeles County, Dept. of Beaches and Harbors, *Marina del Rey Vessel DischargeRreport, July 15, 2004, p. 9.*
[46] Kevin Atkinson, Dept. of Boating and Waterways, personal communication, April 27, 2005.
[47] Vessel Discharge Report p. 11-12.
[48] Santa Monica Bay Restoration Plan policy 2-18 p. 6.3)
[49] A program to use dye tablets was implemented in Catalina. Boats wishing to moor in the Catalina Harbor are required to check in, at which time the dye tablet is placed in the boat's facility. But Catalina is a far smaller harbor to monitor and enforce. Development of a comparable check-in system to place dye and to enforce illegal discharges would present significant challenges in a harbor the size of Marina del Rey.
[50] Los Angeles County Department of Beaches and Harbors, *Marina del Rey Vessel Discharge Report for the Marina del Rey Harbor Mother's Beach and Back Basin TMDL*, July 15, 2004, p. 2.

The County action on projects at Parcels 12 and 15 [51] added a pump out system to allow 468 vessels to be pumped out from its berth. According to the County staff, proposed redevelopment projects at Parcels 22 and 44 are planned to add pumpout systems for an additional 800 vessels.

The County has also been an active participant in the California Clean Boating Network, an educational and information sharing effort to decrease boating related pollution. Several, but not all, marina operators within the Harbor also participate in the Dockwalkers program to help educate boaters on clean water issues. State and local agencies and nonprofits partner to implement various education programs, for example, to educate new boaters, to train fuel dock workers how to avoid spills and to exchange and recycle absorbent pads used to control fuel spills.

3. Oil/Gas/Sewage Leaks or Spills

Public comments raised concern that water quality was being adversely impacted through spills or leaks of underground oil or gas storage or pipelines. Section 30232 of the Coastal Act requires protection against the spillage of crude oil, gas, petroleum products or hazardous substances in relation to any development or transportation of such materials. Effective containment and cleanup facilities and procedures are to be provided for accidental spills that do occur.

The LCP policies and ordinances noted above contain requirements concerning control of fueling stations and in Title 19 requirements that control flammable or combustible liquids or materials.

In records of the Office of Emergency Services from March 2003 to date, there have been 31 reports of spills in the Marina del Rey area. Twenty-nine (29) of those were in the harbor, including crude oil pipeline break at 4211 Admiralty Way on 3/31/04 and a recent spill of oil fuel gases in wetlands area at Jefferson and Lincoln Blvds. adjacent to homes on 4/18/05. Some reports contend this oil fuel gas leak has been ongoing for several months from an abandoned well but may be consistent with natural seepage and investigation is ongoing.

The LCP requirements Title 19 assure that all new development provide for

> *- Containment, safe storage and management of all paints, solvents and other toxic and potentially polluting substances used during construction, repair or maintenance of buildings or of boats and floats;*

And,

> *19.12.1140 Discharge of petroleum, coal or paint products. A. A person shall not discharge or deposit or permit to pass into the waters of a county harbor, waterway or maritime facility any coal, tar, oil, gasoline, sludge or residuary products of coal, petroleum, asphalt. bitumen or other refined oil products, nor any varnish, lacquer or paint products.*

[51] A-5-MDR-01-014 Marina Two Holding, NSI

B. Any such discharge, deposit or spill of said products shall be immediately reported to the harbor master and any other local or personal agency having concurrent jurisdiction, and it shall be a violation of Part 7 of this chapter to fail to do so. (0rd. 86-0039 Sec 45. 1986: Ord. 9359 Art. 7 Sec 702. 1967.)

The County Municipal Stormwater Permit also contains requirements to implement pollution reduction and control measures related to industrial/commercial facilities that includes some hazardous waste treatment requirements in industrial/commercial development.

The LCP as implemented assures that any spills are reported and addressed consistent with the Coastal Act. No evidence or information was submitted to suggest any recurring problem or defect n the County's spill response protocols.

4. Diking Dredging and Filling

As discussed in the ESHA chapter, the LCP does not contain adequate policies and standards to avoid diking, dredging and filling of wetlands or ESHA. This water quality section discusses specifically dredging of coastal waters. The channels of Marina del Rey have been dredged in order to maintain navigation. These dredging projects have generally been undertaken by the U.S. Army Corps of Engineers and reviewed by the Commission through the federal consistency process. Because such dredging activities are within the Commission's permanent jurisdiction, the LCP is not the standard of review; and, therefore, this LCP Review did not evaluate LCP implementation related to this aspect of water quality protection.

However, it is important to note that as partner In the Contaminated Sediments Task Force, the County is working to implement recommendations of the Task Force. These recommendations focus on pursuing ways to protect water quality and marine resources and also give priority to placing dredged material suitable for beach use on the beaches or in the littoral system as required by Coastal Act Section 30233 (b).

Another issue is the use of materials in construction of marina facilities. While this largely concerns projects in the Commission's permanent jurisdiction, many marina facilities are planned and developed as integrated landside/waterside development. In planning renovation of dock slips, dolphins and marina facilities, project planning should incorporate water quality prevention measures concerning construction of docks, dolphins and pilings. In reviewing permits, the Commission has increased scrutiny of structures containing plastic for their impacts in introducing pollutants and marine debris into the marine environment based on newer information.

For construction of docks, the LCP allows use of wood that is pressure treated with preservative in accordance with the American Wood Preservative Associations's specifications for wood in a salt water splash zone. Plastics used in dock systems are to have a demonstrable performance history in salt water environments of at least 10 years.

Pilings are required to be pre-stressed, pre-cast concrete. Dolphins may be wood piles treated with creosote coal tar solution. [52]

Use of timber treated creosote (which may discharge polycyclic aromatic hydrocarbons into the marina environment) and plastic (which may discharge marine debris) in renovation of marinas may impact marine resources. As the Commission has noted in other projects, plastic lumber may be preferable to treated wood pilings but may be more likely to crack, splinter or otherwise contribute to marine debris. The long term durability and maintenance requirements are not known and monitoring of the long term performance of such material has been required.

D. Conformance with Coastal Act

Coastal Act Policies 30230 and 30231 require that marine resources and the quality of coastal waters be protected.

The County has implemented requirements under the Municipal Stormwater Permit as part of coastal permits in order to protect and enhance marine resources. However, the LCP in relying mainly on reference to the Municipal Stormwater Permit may not adequately address control of runoff from new development that does not meet the project size and purpose thresholds in the permit. The County Municipal Stormwater Permit requires treatment control BMPs and a WQMP for larger projects and may not have these requirements for smaller projects that impact water quality due to their proximity to coastal resources and specific activities.

As a result, not all projects in the marina may be required to implement polluted runoff controls, or alternatively, address polluted runoff. All development, regardless of whether it requires a drainage plan under the existing LCP, has the potential to affect water quality through post-construction runoff. As noted above, the County has approved some projects without requiring a drainage or water quality control plan which is not in conformity with Coastal Act policies to protect and enhance marine resources. While these projects may be in conformance with existing LCP policies, they still have a potential to affect water quality if they are not subject to the Municipal Stormwater Permit.

Most of the parcels in the marina are immediately adjacent to the marina waters and without adequate controls, runoff from these waterfront sites may have a direct impact on coastal waters. In addition, the LCP anticipates development of new public amenities including a continuous pedestrian promenade and additional open space areas. To support these uses, small additional public parking areas may be needed. The potential impact of these smaller developments that may increase impervious surfaces adjacent to the marina waters will also need to control polluted runoff, although requirements of the Municipal Stormwater Permit and SUSMP may not be triggered. In light of continued development of knowledge on control of polluted runoff, the LCP should be updated to include water quality protection measures to ensure water quality management plans in all new development in order to ensure the LCP will protect and enhance marine resources

[52] LIP Appendix C pages 44-51

consistent with the Coastal Act. As suggested by Recommendations 5,6 and 7, all new development would incorporate measures to address ongoing nonpoint source pollution, regardless of location, type or size of the development.

In projects to date, the County has required new pumpout facilities in coastal permits for large redevelopment of marinas to address the potential impacts of vessel discharge on marine waters in a manner in conformity with the Coastal Act. However, the requirements of the LCP are not explicit and do not address maintenance and monitoring issues related to new facilities. While the County is making good progress in increasing the number of pumpout facilities installed as leases are renewed, the leases are not included in coastal development permits. The LCP should be expanded and strengthened to make requirements more explicit. Similar to the need for development of water quality plans for all development, every marina should provide and maintain policies and a plan to minimize impacts to water quality, especially the possibility that sewage may be discharged to coastal waters either accidentally or intentionally. The Commission acknowledges there may be several ways to address the control of vessel discharges depending on conditions present in each individual marina and the nature of the problem, including: fixed point systems (centrally located pumpout facilities), portable systems, dedicated slipside systems, and adequate signs and maintenance. Another option may be to staff attendants at the pumpout facilities during peak times to assist boaters and to encourage increased use. Recommendation 8 would assure that the LCP would explicitly require marina operators to include a water quality management plan in conformity with the Coastal Act.

While the LCP was amended in the mid 1990s, the State more recently adopted *the Plan for California's Nonpoint Source Pollution Control Program*, detailing a variety of management measures to further improve protection of water quality. Because the Municipal Stormwater Permit was issued in 2001 and the SUSMP in 2002, there are more up to date requirements in place. But the LCP itself has not been updated and would benefit from revisions to incorporate elements of the stormwater management plan and new information and knowledge about effective best management practices for protecting water quality especially regarding boating facilities. By incorporating policies and other mechanisms into the LCP to implement these management measures, as part of comprehensive water quality component discussed in Recommendations 7 and 8, the County can improve protection of water quality and marine resources.

And, in order to address water quality concerns in construction materials, the LIP should update directions for waterside projects as suggested in Recommendation 9 to encourage use of materials that avoid or minimize discharges of contaminants or marine debris into coastal waters.

4. New Development

A. Overview.

When the Commission certified the Land Use Plan for Marina del Rey in 1984 (and again, in 1986, when the Commission certified a revised LUP to reflect the annexation of Playa Vista by the City of Los Angeles), only one leasehold was vacant. In 1984, almost a third

of the land area in Marina del Rey was occupied by residential uses, which are not priority uses under the Coastal Act. The majority of the development occurred in the late 1960's and the 1970s prior to adoption of the Coastal Act. In 1984, the Commission certified an LUP that reflected the development and zoning then in place. In 1984, there were 28 restaurants, a yacht sales establishment, three boat yards, and one public boat launch, four retail centers, three office buildings, four hotels, two private yacht clubs and two marinas out of which smaller, public, yacht clubs operated, and 5,781 apartments. [53] The 1984 LUP findings described existing visitor serving development::

> *Existing Marina development currently includes four hotels and two motels providing 752 rooms on 38 acres. It also includes 28 restaurants with 8,641 seats. The Marina beach, Admiralty Park and Burton W. Chase Park provide the major public affordable recreational and visitor-serving facilities while Fisherman's Village provides affordable visitor-serving commercial facilities including eating, shopping, and boating facilities. (Revised Findings, Marina del Rey/Ballona Land Use Plan, 1984)*

Of the three parks, only one, Burton Chace Park, was large enough to accommodate a community center; both Burton Chace Park and Marina Beach provided shaded picnic areas. There was one public boat launch. Two private operators operated boat storage operations; one offered a boat hoist for small sailboats.

The original Marina del Rey conceptual plan favored low intensity recreational development over residential development. The plan was enforced by use designations and by a master lease that established an underlying responsibility to provide for "active public use" with a fair return to investors. In the mid 1960's, the County changed its original approach to allow development that would have sufficient return to pay off the construction bonds.[54] The changes allowed residential development, but did not incorporate additional provisions to protect public access when the principal use on the parcel was private. Instead, the County reinterpreted the "active public use" clause of the master lease to indicate that if there was a benefit to the County, public use and access did not have to occur on the parcel. The result was that many developed leaseholds were closed to the public. There were no changes in these policies until the County revised the LCP in 1995, and agreed that upon renegotiating leases, the lease would include responsibility to provide a walkway along the bulkhead even on residential parcels, and that the County would require the provision of the walkways in all coastal development permits for redevelopment.

The development standards for the Marina approved in 1984-86 reflected the original Marina design, which was a "bowl concept" allocating high-rise development to the periphery of the Marina, midrise development to the loop roads, and lower, 30-foot high

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[53] Certified Marina del Rey Ballona LUP, 1984

[54] Rood, Marsha V. and Warren, Robert, The Urban Marina, managing and developing Marina del Rey, Sea Grant, January, 1974
Los Angeles County Department of Beaches and Harbors, Stan Wisnewski, Director, Marina del Rey Asset Management Strategy, April 15, 1997.

development to the mole roads. The implementation ordinances certified in 1990 were consistent with that plan.

The 1984-1986 certified LUP provided for recycling the development in the Marina del Rey limited by the capacity of the transportation system. The LUP did not allow significant new residential or commercial development to take place until a new road linking Washington and Lincoln Boulevards, the Marina Bypass, was approved and under construction. (The LUP did not subject hotel development to that limit.) Even with this road, the 1986 LUP limited development by the number of peak hour evening trips that the transportation system could accommodate after certain widening projects and intersection improvements had occurred. The cap was set at 2,400 evening peak hour trips. The amount of units and commercial development theoretically allowed by the land use designations exceeded that number of trips. The County indicated in its findings that this policy created an incentive to redevelop older leaseholds, by establishing a first-come, first-served allocation of development.

In 1990, faced with delays in the development of Playa Vista, the County decided to submit implementation ordinances for the Marina proper, and applied to segment the Marina del Rey from Playa Vista Area A. The 1990 LIP allowed modest expansion of existing commercial uses, but did not allow significant new residential or commercial development to occur until the Marina Bypass and certain other transportation projects had been funded and approved. The County proposed no changes in land use designations in 1990.

In 1994, Los Angeles County submitted a revised LCP to the Commission that updated the land use designations and standards of the previous plan. In the 1994 submittal, the County made major changes to the development strategy. Changes in density and development patterns requested in this amendment reflected proposals that the County had received from lessees interested in rebuilding their leaseholds. The update also reflected the County‘s experience with the previous plan. One result of the previous plan was that it created a wall of unrelieved development between the waterside and the public streets. The result was a paucity of public views and an uninteresting cityscape. While developers of commercial properties left public walk ways along the waterside, residential development in most cases did not allow shoreline access. The 1994 proposal also increased height limits in exchange for the provision of view corridors, which are described in the visual impact section above. The intention of this change was to open up views to the water and to provide an incentive to leaseholders to redevelop their sites. This update, effectively certified in 1996, included view corridors, 28 foot wide fire/public access corridors along the bulkheads and allowed heights up to 75 feet on the mole roads and 225 feet on the loop roads (Admiralty Way and Via Marina) if the developer left 40 percent of the frontage open to public views. The Commission approved the increases in heights and densities after a lengthy hearing.

The 1996 LCP included several policies to address Coastal Act land use priorities. While the 1996 LCP continued to devote almost 95 acres to residential use, the plan allowed development of visitor serving uses on residentially designated leaseholds that were located on the waterfront (the “Waterfront Overlay Zone”, or “WOZ “ designation.) The plan also required protection or relocation of any preexisting boating support use. The

development policies continued to incorporate limits on the generation of peak hour traffic from residential projects. As described in the transportation section later in this report, the 1995 plan, based on a new transportation study (DKS Associates; Gruen Associates, Marina del Rey Traffic Study, 1991, and the Addendum to this study by DKS Associates, 1994), increased the development cap to 2,811 peak hour trips. However, the plan allowed no more than half those trips until certain road capacity enhancements (widening or intersection improvements) had been approved and funded. The new plan divided new trips among "development zones." The purpose of this policy was to allocate new traffic within the Marina along the loop access roads (Fiji, Via Marina and Admiralty Way) so that the generation of new trips would not cluster at any intersection.

In addition to view corridors, the revised LCP provided for 28-foot wide walkways along the seawalls to provide both fire and pedestrian access. The amended LCP, allowed the conversion of underused parking lots that were located far from attractions by protecting one parking lot, Parcel OT that is adjacent to the water and encouraging the conversion of a second parcel (Parcel FF) to park use. [55] The 1996 LCP continued to allow more density in its zoning and land use designations than could be developed based on the traffic limitation system. The system was identified as first-come, first-served incentive program and the reason given was to encourage redevelopment of older marina leaseholds. The Commission approved the amended Marina del Rey LCP in 1995, finding that it was permitting a cluster of high-density development in an area that is well served by public utilities and a developed transportation network, finding the amended LCP was consistent with the Coastal Act, specifically Section 30250, which encourages development in areas able to accommodate it.

In an amendment that the Commission approved in 2001, the County reallocated the trips assigned to a development zone "farther out" on the loop road to accommodate developers that had submitted plans. This amendment did not change the development limits originally applied. Traffic limitations are only indirectly related to the density and intensity of the resulting development. In evaluating traffic impacts of projects, certain types of development were regarded as not generating significant peak hour traffic. This includes development oriented to senior citizens. The tables below summarize the approved plans.

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[55] As certified in 1984, public parking is protected on all current public parking lots. As proposed, eight acres of public parking will convert to commercial and residential uses, including Parcel OT, 1.61 acres converted to residential use, Parcel UR which is 2.23 acres, converted to Marine Commercial uses, 49S, M and R converted to Marine Commercial, 94 converted to Office and Parcel W converted to Marine Commercial to develop along with an adjacent commercial parcel. One parking lot, parcel FF, 2.05 acres will convert to a public park, a higher priority public recreation use. The County contends that the parking lots are underused and that such redesignations are necessary to increase income in the Marina. (Source, revised findings, Marina del Rey LCPA 1-94, December, 1995.

Table 3:Amount of development of each type in the Marina del Rey

Amount of development of each type in the Marina del Rey -- Pre-existing, allowed in the approved LCP, and actually permitted under the LCP.				
Development type	**Pre-Coastal**[56]	**Additional Development designated in 1984-86 LUP; and 1990 LIP** (Development cap 2400 peak hour evening trips)	*Additional Development designated in 1996 amended LCP* (Development cap: 2811 peak hour evening trips)	**Development County reports it approved between Dec. 1996-to May 2005** Total peak hour evening trips: 369
Residential Units:	5,481	1,500 Additional units	2,420 dwelling units 75 congregate care units	926 du 75 congregate care
Hotel Rooms	752 existed in 1984; 308 permitted 1986	740 Additional rooms	1,070 rooms, or motel units	0
Visitor-serving Commercial	8,641 restaurant seats	14,000 additional sq ft retail 450 restaurant seats	1,875 restaurant seats; 206,500 square feet of retail space	8 restaurant seats net 14,290 sq ft. retail
Office	300,000 sq. ft.	200,000 sq. ft.	58,000 square feet of office space	(760) sq. ft.
Marine Commercial	Dry boat storage 3 acres; repair and sale 2 parcels	Indeterminate	3,000 square feet of marine science museum	4,940 sq. ft. Public yacht club
Boat slips	5,923 slips[57]	348 additional boat slips	348 boat slips	(448) slips
Public park	23.4 acres park	23.4 acres park	25.4 1 acres park[58]	0.11 acres new park

Estimates of the number of units that the County approved after 1996 varies depending on the source –there is a slight difference between the total number of units that applicants requested and the number approved. The Table 3 above uses the table provided by the Los Angeles County Department of Public Works for tracking traffic mitigation fees.

The Table 4, following, appeared in the revised findings for certification of the 1995 LCPA. It illustrated the conclusion that the total number of the units authorized in the LCP would not generate more traffic than the revised cap would allow.

[56] The Commission approved two hotels between 1974 and 1984; one was built. The Commission approved a 308 room hotel in 1998.
[57] Includes illegal slips, see recreational boating for accurate count of legal slip
[58] Reflects designation of Parcel FF to Open Space designation.

Table 4: Relationship of Development Categories to Trip Generation

RELATIONSHIP OF DEVELOPMENT CATEGORIES IN THE 1996 LCP TO POTENTIAL TRIP GENERATION			
Use	**Maximum Number Amount 1996 certified LCPA**	**1991 peak hour trip generation rate**	**Evening peak hour trips 1996 certified LCPA**
Residential units	2420	.326	788.92
Congregate care	75	.170	12.75
Hotel rooms	1070	.353 per room	377.71
Conference room	40,000 sq. ft.	1.37/1,000 sq. ft.	54.8
Restaurant seats	1,875	.250	468.75
Boat slips	348	.137	47.676
Specialty Retail	208,500	4.44 /1000 sq. ft.	925.74
Library	1,500 sq. ft	4.74/1,000 sq. ft.	7.11
Office	58,000	2.21/ 1000 sq. ft.	128.18
TOTAL P.M. Peak Trips	n.a.	n.a.	**2811.60**

Source, Revised Findings to support the Commission's May 10, 1995 Denial and Approval with Suggested Modifications of the proposed Amendment No. 1-94 (Major) of the Marina del Rey segment of the Los Angeles County LCP, December 1995.

B. Policy Framework

Coastal Act

The Coastal Act establishes general guidelines for development and transportation:

1) Locating development in areas able to accommodate it;
2) Favoring priority uses: public recreation and water dependent uses near the coastline;
3) Favoring Visitor- Serving uses,
4) Protecting lower cost recreational
5) Siting development to protect sensitive resource areas;
6) Siting and designing development to protect views and community character.

Section 30213 Lower cost visitor and recreational facilities; encouragement and provision; overnight room rentals

Lower cost visitor and recreational facilities shall be protected, encouraged, and, where feasible, provided. Developments providing public recreational opportunities are preferred.

The commission shall not: (1) require that overnight room rentals be fixed at an amount certain for any privately owned and operated hotel, motel, or other similar visitor-serving facility located on either public or private lands; or (2) establish or approve any method for the identification of low or moderate income persons for the purpose of determining eligibility for overnight room rentals in any such facilities.

Section 30250 Location; existing developed area

(a) New residential, commercial, or industrial development, except as otherwise provided in this division, shall be located within, contiguous with, or in close proximity to, existing developed areas able to accommodate it or, where such areas are not able to accommodate it, in other areas with adequate public services and where it will not have significant adverse effects, either individually or cumulatively, on coastal resources. In addition, land divisions, other than leases for agricultural uses, outside existing developed areas shall be permitted only where 50 percent of the usable parcels in the area have been developed and the created parcels would be no smaller than the average size of surrounding parcels.

Section 30252 Maintenance and enhancement of public access

The location and amount of new development should maintain and enhance public access to the coast by (1) facilitating the provision or extension of transit service, (2) providing commercial facilities within or adjoining residential development or in other areas that will minimize the use of coastal access roads, (3) providing nonautomobile circulation within the development, (4) providing adequate parking facilities or providing substitute means of serving the development with public transportation, (5) assuring the potential for public transit for high intensity uses such as high-rise office buildings, and by (6) assuring that the recreational needs of new residents will not overload nearby coastal recreation areas by correlating the amount of development with local park acquisition and development plans with the provision of onsite recreational facilities to serve the new development.

Section 30254 Public works facilities

New or expanded public works facilities shall be designed and limited to accommodate needs generated by development or uses permitted consistent with the provisions of this division; provided, however, that it is the intent of the Legislature that State Highway Route l in rural areas of the coastal zone remain a scenic two-lane road. Special districts shall not be formed or expanded except where assessment for, and provision of, the service would not induce new development inconsistent with this division. Where existing or planned public works facilities can accommodate only a limited amount of new development, services to coastal dependent land use, essential public services and basic industries vital to the economic health of the region, state, or nation, public recreation, commercial recreation, and visitor-serving land uses shall not be precluded by other development.

Section 30255 Priority of coastal-dependent developments

Coastal-dependent developments shall have priority over other developments on or near the shoreline. Except as provided elsewhere in this division, coastal-dependent developments shall not be sited in a wetland. When appropriate, coastal-related developments should be accommodated within reasonable proximity to the coastal-dependent uses they support.

LCP Policies

The Commission approved the amended Marina del Rey LCP in 1995, as a cluster of high-density development in an area that is well served by public utilities and a developed transportation network. As described in the transportation section below, the LCP limited development to the capacity of the traffic system. The LCP addresses Section 30222, which identifies recreation and visitor-serving facilities as priority uses, by stating that residential and office uses are not priorities; and allows any residentially designated parcel on the waterfront to convert to or incorporate visitor-serving or boating support uses. In other words, it allows, but does not require changes to priority uses. Nevertheless, the LCP allows considerable intensification of residential development, clustering such development on the western side of the Marina, adjacent to the predominately residential community of Venice.

The Land Use Plan state, in part:

PRIORITY OBJECTIVES
1. Preservation of the Small Craft Harbor facility a Priority*. The primary purpose of the Land Use Plan shall be to maintain Marina del Rey as a Small Craft harbor for recreational purposes. A secondary purpose shall be to promote and provide visitor-serving facilities.*

- *Development shall not detract from, nor interfere with the use of existing or planned boating facilities, nor the ancillary uses which support these facilities.*

2. Maintenance of the physical and economic viability of the marina a priority*. Lessees shall be encouraged to replace structures and facilities which are physically or economically obsolete.*
3. Phase II Development. All development approved under the authority of this LUP shall be deemed to be Phase II development*. …*

4. Development Zones Created*. Twelve Development Zones (DZs) within the Marina del Rey segment shall be established as a means of allocating development potential within the LCP study area. These zones relate to and are based upon the Traffic Analysis Zones, used in the traffic studies that are discussed in the Circulation Chapter.*

NON-PRIORITY USES

8. Coastal Housing not a Priority. Although construction of housing is not a priority use in the Coastal Zone, additional opportunities for coastal housing may be provided, where appropriate. All development of coastal housing shall be contingent upon meeting all applicable policies and development standards of the certified LCP, including but not limited to adequate parking, view corridors, public access to the shoreline, provision of new usable public recreation and open space and visitor serving recreational uses in the plan segment, provision of adequate traffic capacity, and any provisions for low- and moderate-income and senior citizen housing subsequently certified by the California Coastal Commission.

9. Office/Commercial Uses Not a Priority. New or expanded development of office commercial uses shall be discouraged, and, where permitted, confined to sites outside the Waterfront Overlay Zone.

AFFORDABLE HOUSING
10. Affordable and senior citizen housing projects (are allowed density incentives)
…
Overlay Zones. Overlay Zones are designated on a limited number of parcels throughout the Marina del Rey Specific Plan Area. The Zones are intended to encourage more creative and desirable projects by allowing mixed-used projects. The Mixed-Use Zone applies to selected parcels, adjacent to major thoroughfares while the Waterfront Overlay Zone applies to selected parcels adjacent to the water edge. The Overlay Zones work in conjunction with the Principle Permitted Use designation on each parcel to establish the criteria and guidelines for more flexible development of the property. Lessees desiring to enhance their project by applying for additional development potential allowed by either of the two Overlay Zone will be subject to a Conditional Use Permit requirement.

- Mixed Use Overlay Zone (MUZ): The Mixed Use Overlay Zone is intended to provide additional flexibility for development of creatively designed mixed-use projects on selected non-waterfront parcels. Parcels with this overlay zone are permitted to combine the above land use categories on an individual parcel, and are allowed to mix primary uses within a structure. Development potential available to each applicant is subject to the limitations of the zone in which the parcel resides. Height limits subject to the standards of each land use category noted above. This Overlay Zone applies to the following parcels: 75, 95, 97, and 140.

- Waterfront Overlay Zone (WOZ): The Waterfront Overlay Zone is intended to provide additional flexibility for development of coastal-related and marine-dependent land uses, primarily on waterfront parcels. Permitted uses include: Hotel, Visitor-serving Commercial, Open Space, Boat Storage, and Marine Commercial. Any applicant, with this overlay zone designation, may apply for any of the three categories of land use permitted under this category, regardless of the principal permitted use on the specific parcel. Development in the WOZ may not displace existing public recreation, visitor serving or coastal dependent boating uses, although development may proceed if the use is relocated within the development

zone. The Development Potential available to each applicant is subject to the limitations of the zone in which the parcel resides. Height limits subject to the standards of each land use category noted above.

Definition of Development Zones
For the purposes of allocating future development potential, the Marina del Rey Specific Plan area is divided into twelve Development Zones (DZs). A DZ includes one or more parcels grouped together for the purposes of analyzing traffic movements and impacts. These DZs are directly associated with the traffic analysis zones created for and used by DKS Associates in the Marina del Rey Traffic study (see Figure 5). This study provides the basis for analyzing traffic impacts from proposed development in the Marina study area. The zones are designed to isolate traffic impacts on individual intersections in the Marina. More information regarding this study is found in Chapter 11, Circulation. Refer to Map 8, at the end of the chapter, for a depiction of the development zones

C. LCP Implementation Issues

The public raised several concerns with respect to new development policies of the LCP in Periodic Review meetings. First, speakers were concerned that the projects that have been approved under the LCP are predominately residential, a low priority use. Second, speakers expressed concern that proposed developments will displace recreational and boating support uses, and that some proposed recreational developments, such as a hotel, would not serve the average person. Third, the height and density limits of the 1996 plan greatly exceed the limits of the plan the Commission certified in 1984. The public expressed concern about the visual impacts of the densities and heights of development that has been approved under the LCP. Fourth, even though the plan is still within the theoretical limits of an expanded transportation system, speakers were concerned with escalating traffic levels, mostly on Lincoln Boulevard, and were concerned with potential traffic impacts of new development under the LCP. Fifth, they were concerned that the LCP is not an effective guide to future development because several projects under consideration require plan amendments. There was a concern that a document that the Commission has not formally reviewed, the Asset Management Strategy, is guiding development decisions. Finally, they raised issues with the long-term protection and management of the Marina as a publicly owned recreation facility.

<u>1. Protection and Expansion of Priority Uses.</u>

Los Angeles County has granted 14 coastal development permits since certification of its LCP. Eight of the permits were issued after the Commission certified the 1996 amendment, which allowed major redevelopment to begin. Under the LCP the County and Commission on appeal have approved 1076 residential units, (including 60 congregate care units), 41 percent of the residential units allowed under the plan, and allowed the demolition of some retail but also the enlargement of a retail center, resulting in a net increase of 12,930 square feet of retail space. The development that has been approved is expected to generate 369 evening peak hour trips. In reconstructing three marinas, there was a net loss of 448 legal slips. Additional slips were lost by enforcement of rules

concerning “end ties” and “seawall moorings.” The reduction in slips is discussed in the Boating Section 2 of this report, but is attributable to changes in slip standards and in the sizes of slips provided. The County approved moderate expansion of a strip mall adjacent to Washington Boulevard and determined that complete renovation of a neighborhood retail center on Mindanao and Admiralty Way did not require a coastal development permit. The change in retail and restaurant uses resulted in a net reduction of small restaurants and general retail uses on the moles, and expansion of established retail centers on the periphery of the Marina. The smaller retail uses on the moles were displaced by larger apartment buildings, although one yacht club and a small office were replaced. While developers included some retail as part of their projects, commercial development on the moles was reduced.

Table 5, following, provided by the Los Angeles County Department of Public Works, summarizes the projects that have been approved.

Table 5: MDR Redevelopment since 1996.

MDR REDEVELOPMENT GRANTED SINCE LCP CERTIFICATION (2/8/96) PER DZ (Source, Los Angeles County Department of Public Works,)					
DZ #	**DZ Name**	**Case #**	**Parcel #**	**Applicant**	**Redevelopment Granted**
1	Bora Bora	00-39	112	Epstein	120 D.U.'s Net Decrease of 271 Slips Demolish 4 KSF Office 2200 sq ft. park/overlook
2	Tahiti	00-39	111	Epstein	Re Existing Apartments (No Increase in D.U.'s)
3	Marquesas	98-134	12	Ring	Net Increase of 282 D.U.'s 35 Senior Apartments Net Decrease of 3.6 KSF Retail Net Decrease of 237 Slips
4	Panay	91-329	18	Goldrich & Kest	68 D.U.'s 60 Congregate Care Units
		98-134	15	Ring	Net Increase of 250 D.U.'s, 47 Senior Apartments Net Decrease of 41 Slips Demolish 4.4 KSF Restaurant 8 KSF Retail
		98-172	20	Goldrich & Kest	99 D.U.'s, Net Increase of 6.94 KSF Retail Transfer of 97 D.U.'s from DZ1 to DZ4 [59]
5	Palawan/Beach	02-277	97	Pashaie	450 s.f. net retail increase
		03-029	140	Pashaie	Net Increase of 115 D.U.'s
6	Oxford				
7	Admiralty	96-169	40	DPL	Library Expansion - 2,454 S.F.
8	Bali				
9	Mindanao				
10	Fisherman's Village				
11	Harbor Gateway				
12	Via Marina	03-030	95,LLS	Pashaie	11.4 KSF Net Retail Increase, 288 Rest. Seats, 1.3 KSF reduction in office
13	North Shore				
14	Fiji Way				

[59] DZs transferred for purposes of Development Zone trip allocation, not added to total units.

Looking at the five major residential redevelopment projects,[60] it is evident that there was an increase in apartments, a low priority use under the Coastal Act, and the number of boat slips declined significantly. While these changes were not related, the reduction in the number of slips reduced the net evening peak hour trip (PMPK) generation of several projects. The PMPK is used to calculate the developer's consistency with the buildout cap and the developer's contribution to traffic mitigation funds (Exhibit 5: Traffic Mitigation Fee Accounts).

a. Flexible use designations—the WOZ designation.

The Local Coastal Program included language designed to temper the effect of designating almost a third of the Marina's land area (roughly 95 acres) to residential use. Any leaseholder on any residentially designated water front parcel could take advantage of an overlay zone, the WOZ designation, to develop the parcel commercially or to include commercial use in the development. In addition, public recreation and boating related facilities need to be replaced (although not necessarily on the particular parcel). To date, this program has not resulted in the inclusion of a significant amount of commercial space in the waterfront residential developments. One developer of a waterside parcel maintained an existing restaurant, office and yacht club and one incorporated 10,000 square feet of commercial development into a residential project, but no developer of residentially designated land has converted that land to commercial use or a priority use.

During review of their applications, applicants indicated that restaurants and visitor serving commercial uses on the moles are not economically viable. In addition, the realities of constructing at the densities that the plan permits leave little room on the parcel to accommodate a small restaurant or store. At the densities permitted in the plan, there is not room on the parcels to develop at maximum density, comply with height and view corridor policies, and reserve room for commercial uses. Development of higher priority uses is permitted in the plan, not mandated. However, lessees are not required to build at the maximum levels allowed in the plan. Some rethinking needs to be done concerning ways to require a significant amount of higher priority uses in residentially designated areas.

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[60] The five major redevelopment projects (most significant traffic impacts) are:
1. Parcels 111 and 112: 120 market rate apartments, 35 Senior Apartments, Net Decrease of 3.6 KSF Retail Net Decrease of 237 271 Slips
2. Parcels 12 and 15, Net Increase of 282 614 D.U.'s 35 including 82 Senior Apartments, Net Decrease of 3.6 KSF Retail; Net Increase of 250 D.U.'s, 47 Senior Apartments , Net Decrease of 41 Slips; (Demolish 4.4 KSF Restaurant , const 10 8 KSF Retail) Net Decrease of 237 278 Slips.
3. Parcels 18 and 20: 99 construct 227 D.U.'s, 68 D.U.'s including 60 Congregate Care Units, demolish 4500 sq. ft. office and yacht club, rebuild 6,940 sq. ft. yacht club 2,300 sq. ft. office. Net Increase of 6.94 KSF Retail
4. Parcels 95, LLS 11.4 KSF Net Retail Increase, 288 Restaurant. Seats,
1.3 KSF reduction in office
5. Parcel 140: net increase of 115 dwelling units.
(County planners distinguish senior and other dwelling units due to different traffic impacts; they are recombined in this note.)

b. Provision of lower cost recreation facilities/ hotels and other overnight facilities.

The Commission has long considered hotels to be a primary visitor serving use. The Coastal Act provides for both visitor-serving facilities such as hotels that serve the upper end of the market and for lower cost visitor serving facilities such as parks and other day-use facilities. The LCP favors hotels over apartments: the 1984 LUP allowed three hotels to develop before construction of the Marina Bypass and other subregional transportation improvements. Since 1973, the Commission has approved four hotels in the Marina, one after the certification of the LUP, and three were constructed. The County has not yet approved a hotel, although two are under consideration. The LCP provides for an assessment of a fee as part of the approval of new hotels to allow for development of youth hostels in the general area. The four hotels approved by the Commission paid a similar fee. The Los Angeles County Department of Beaches and Harbors also operates a recreation vehicle park on Dockweiler State Beach, which was developed in part because of negotiations over this issue. To protect lower cost facilities, the LCP also provides for protection (and/or replacement) of parkland, the launch ramp, and public parking. The County has approved no projects that displace any of these uses. In carrying out the LCP, to date, lower cost facilities have not been displaced. However, as indicated below, some major projects have that potential.

In order to facilitate financing, hotel developers have proposed a number of financing and ownership plans that transfer ownership to individuals. Some are time-shares, in others, an owner may actually own a unit, which is managed and rented out to others. In order to assure that a residential structure does not take advantage of the priority given to hotels, the Commission has tried several methods to assure that the hotel is available to the general public and that owners do not monopolize the rooms during peak vacation months. The Commission has addressed the issue of “residence hotels” by attempting to maintain the distinction between a hotel that is a priority use and a residence that is not. In several permits, it has allowed private ownership or shareholding of units, but has required that the building operate as a bona fides hotel. It has imposed limits regarding the length of time that an owner may stay at such a hotel and the number of days a year that an owner can stay at his or her unit. These methods have also included a requirement that the unit be rented through the hotel desk and that it remain available when the owner is not in residence. Staff is recommending that the County address this issue so that any structure located on a “hotel parcel” in fact operate as a hotel. The County should amend the LCP to incorporate the definition of “hotel.

The public is concerned that the hotels in the Marina del Rey are not affordable to the majority of the population. In fact, the hotels in Marina del Rey are all charge at least 100 dollars a night, and some charge three times that. They are beyond the means of most non-business travelers. The County should investigate ways to provide lower cost overnight accommodations in Marina del Rey. The County should identify should and maintain land for overnight accommodations consistent with Coastal Act policies and with the LCP, developing methods to reserve hotel designated land for hotel use and encouraging lower cost overnight accommodations.

Absent these limitations, the LCP may not be implemented in a manner that fully protects visitor serving facilities in conformity with the Coastal Act. As suggested in Recommendation 18, the LCP would be revised to add more clarity to protect overnight accommodations.

2. Displacement of boating uses.

The LCP development policies explicitly protect boating and recreational uses:

> *2. Residential Development. As residential development occurs, the total number of dwelling units shall be monitored and the net increase in any development zone shall not exceed the number of residential units allocated to that zone, less the number of units converted to a visitor-serving or coastal-oriented use, if any. Residential densities on mixed-use parcels, where the floor area of the non-residential use exceeds 10 percent of the total floor area, shall be figured using only the residential buildable area, not the buildable area for the entire parcel. The buildable area for the entire parcel may be used in residential density calculations where the floor area of the non-residential use is 10 percent or less of the total floor area. The residential buildable area shall be determined by taking the parcel's buildable area, less the area devoted to all other land uses.* ***Existing boat storage, public access, public parking and boating support uses in residentially zoned areas in the WOZ zone shall be preserved. With the exception of facilities located on Parcels 1, 54, 55 and 56, as part of the application, these uses may be relocated on the same parcel or to another parcel within the marina, as long as the size, efficiency and capacity of the facility remains the same and such relocations occur prior to any dislocating development****. The trips generated by such a use shall not be considered as additional development when calculating allowable new trips in the WOZ zone.* (Emphasis added)

In the projects that staff evaluated, no boating support uses have been removed. In fact, in one project (98-172) on Parcel 20, a 6,025 sq t yacht club and a 2,300 sq. ft. office replaced a ±2,300 sq. ft. two-story yacht club and ±2,300 sq. ft two-story office. This project conforms to the policy to protect existing boating support uses.

As noted in the boating section, 448 legal boat slips and almost 100 additional "illegal" slips have been removed during renovation of several marinas. As noted above, a 4,400 small restaurant, a visitor support use, was demolished as part of construction of an apartment project. This did represent loss of some visitor serving commercial use, but, in view of the growth in other centers, is not significant.

However, several projects under discussion would remove private recreational uses and replace them with parks or other recreation uses. The public is aware of these projects because they have been discussed with the Design Control Board and have appeared as RFPs (Requests for Proposal) on the official Marina del Rey website or are listed as potential projects in the Asset Management Strategy. One such RFP request proposes to develop three public parking lots with hotels. One of the parking lots provides parking for a kayak and canoe launch area; a second of the three parking lots is the lot that serves the

Marina Beach; the third is a waterfront parking lot that serves both Marina Beach and overflow parking from a popular restaurant. Another plan still in the review process would replace a public parking lot that is now designated for public open space with a residential use. However, with the exception of the slip reductions, which were also approved by the Commission, no project the County has actually approved has displaced recreation facilities, and the Department of Regional Planning has reviewed none of the projects under discussion.

In light of projects under consideration, the County should update the LCP to provide priority for free or lower cost public uses on waterfront parcels and strengthen development standards to preserve existing public and lower cost recreation facilities. As suggested in Recommendations 16 and 17, the LCP would ensure that lower cost recreational facilities are protected in conformity with Coastal Act policies.

3. Visual impacts of densities and height.

At hearings on the Periodic Review of the LCP, the public expressed concern about the mass of the new structures that have been approved. The LCP allowed heights and densities on the moles that dramatically exceed that of the two to three story development previously allowed. The LCP incorporates requirements for view corridors and design review policies as a mitigation measure for allowing denser, taller buildings. All developers on waterfront parcels on the moles and Via Marina and Admiralty parcels are required to protect view corridors over twenty percent of their lots as part of new developments. If the developer proposes to build at a height greater than 45 feet on the moles or 140 feet along Via Marina or Admiralty Way, a wider view corridor is required. All four projects that the County has approved are eligible for these incentives, and all have taken advantage of the view corridor/height incentive program. Based on these policies, the County approved four projects that extend to up to seventy feet high, but also required view corridors and in one case, a 4,500 sq. ft. public view park. The visual impact of their increased mass is presently hard to assess because only two structures are complete. The rest are still under construction, or have not begun construction.

LCP Policies

The LCP allows height incentives if the applicant provides a view corridor:

> ***7. Height Design Concept.***
>
> *Existing Marina. The height of new structures within the existing Marina shall be governed by height standards established by the applicable Land Use Category (see Chapter 8, Land Use), and by the following general height standards as applied to various similarly-situated parcels in the existing Marina:*
>
> *25-Foot Standard*
> *45-Foot Standard*
> *140-Foot Standard*
> *225-Foot Standard*

Applies to accessory structures on the Marina Beach area, public open space, some public parking lots, the fueling docks, the public boat ramp site, and ancillary commercial structures in the Boat Storage land use category. Applies to moles, including all parcels adjacent to mole roads and mole ends, and to office uses seaward of the loop roads, public parking lots, and public facilities (with the exception of theme towers on public facilities). Except as noted above, applies to parcels adjacent to and seaward of Via Marina, and Admiralty Way (excluding the Marina City Towers and parcels 112 and 113, which are allowed a 225 foot standard), the Marina shopping center and frontage along Washington Blvd. Except as noted above, applies to parcels landward of Via Marina and Admiralty Way, and includes parcel 112 and 113, and the westerly portion of parcel 125. The Height Design Concept may be modified where a valid public benefit is achieved, such as increased views of the waterfront. For parcels adjacent to mole roads, and seaward of Admiralty Way and Via Marina, flexible height standards may apply in exchange for increased view corridors, as provided for in Policy No. 8 below. [Staff note: the height designations and the range allowed on each parcel is shown in the plan maps for each Development Zone, that also include land use designations.]

8. Height Design Flexibility for Waterfront Parcels.

Any project design for any parcel on the seaward side of a public access road may apply for flexible height standards above the maximum allowable height in exchange for providing increased view corridors in excess of the minimum requirement of 20 percent, as provided for below:

a) Mole Roads Optional Height Areas. Structures proposed on parcels where a 45foot standard applies and located between a mole road and the bulkhead may be allowed up to a maximum height of 75 feet when a 40 percent view corridor is provided. Height above 45 feet shall be permitted at the ratio of 1.5 feet of additional height for every additional 1 percent of view corridor provided in excess of the 20 percent minimum standard. This policy is applicable on the following mole roads: Panay Way, Marquesas Way, Tahiti Way, Bali Way, Mindanao Way, Fiji Way, and the mole portion of parcel 132. This policy shall not apply to that portion of the mole seaward of the cul-de-sac where a 45-foot maximum height standard applies.

b) Via Marina and Admiralty Way Optional Height Areas. Except as noted in Policy No. 7 above, structures proposed on parcels where a 140 foot standard applies and located adjacent to and seaward of Via Marina and Admiralty Way may be allowed up to a maximum height of 225 feet when a 40 percent view corridor is provided. Height above 140 feet shall be permitted at the ratio of 4.25 feet of additional height for every additional 1 percent of view corridor provided in excess of the 20 percent minimum standard.

c) The open area may allow public amenities such as benches and landscaping, and parking lots provided the parking area is at least two feet below grade to allow views of the harbor from the mole road. Projects not meeting the minimum "open viewing area" requirement shall be restricted to 45 feet in height. Such projects shall

be required to meet the mandatory 20 percent "open viewing area" requirement for all projects on the seaward side of any roadway within the LCP study area.

The LCP also incorporates the County's density incentive for low income housing by reference. The ordinance allows developers who include lower cost units in their projects additional height or density or both. The number of units necessary to trigger the incentive is set by the ordinance. The Commission certified this program along with the LCP in 1990.

Table 6:Application of Height/ incentive policies to approved projects.

County number	Mole road (45-70 feet) or loop road (140-225 feet).	Parcel	Approved Height	View corridor	Senior/low income bonus
91-329	Mole Road	18	70 feet	Yes	Yes, 71 du
98-134	Part loop/part Mole road	12, 15	55-65 feet	Yes, Modified, angled	Yes
98-172	Mole Road	20	35-56 feet	Yes	Yes
00-39	Not Waterfront		77 feet		
03-029	Mole	112	60	Yes, Modified	

The Commission engaged in lengthy discussion about height in the marina at the time it approved the LCP amendment that allowed this development. The Commission supported the view corridors, and after lengthy discussion accepted the greater heights.

The County has applied the view corridor standards. In one instance, it accepted a view corridor that terminated in a wedge at the public road. This configuration needed less land than an alternate configuration in which the view corridor extends at right angles to the road, but also provided a longer interval during which a passerby could see across the parcel. This project was appealed to the commission, which found no substantial issue with the County's decision.

As noted elsewhere, the LUP includes a discussion of site plan review along with its discussion of increased heights. The County has reviewed the site plans of all developments to assure consistency with its view corridor and waterfront promenade requirements. However, it has not reviewed the site plans to assure that the view corridor (and the waterfront promenades) will be accessible to residents, guests or the public as open space associated with the structures. To the extent to which they are one parking areas, the public currently has access. The new buildings are perched on parking structures above these features. Since there is no public parking on many sites, no on street parking on the mole roads and no sidewalks to walk down the street to view the view corridor, these features work in isolation.

The County should improve site plan review so that the view corridors can function as open space serving the public and the residents of the development. As suggested in

Recommendation 15, the LCP should be revised to enhance site plan review with the goal of improving access to the view corridors.

4. Review of site plans

As part of its policy of allowing greater heights and densities, the revised Land Use Plan strengthened its design review policies. The Visual Resources Section e 4 of the LUP indicated that:

> *e 4. "Signing, building design, site planning and façade design in the existing marina shall continue to be controlled by the Marina del Rey design control board. The design control board shall review all new development proposals, including renovations for consistency with the policies and objectives of this LCP and shall recommend such modifications to the design as they deem necessary…"*

The certified LCP includes site plan review as part of the development section and, in the design element, requires pedestrian and alternative traffic improvements: widened sidewalks; shuttle stops; stops for water taxi; dinghy tie-ups in commercial developments. Enhancing multimodal transportation is included as an improvement in the development and transportation sections of the LCP. There was no evidence in the Notices of Final Action that these policies had been implemented. However, the full record on the projects that were appealed included the Design Control Board minutes although the findings are not part of the coastal permit findings and conditions.

One problem is that the implementation ordinance includes internal inconsistencies when it addresses site planning. The LUP states that increased heights and densities will be a balanced program to encourage flexibility of design, including review of the heights, site plans, promenade and view corridors. Even though the LUP states that the Design Control Board will review designs as part of the County's program to intensify development, the LIP limits its function to the historic function of the Design Review Board, which was review of the color, facades, and signs, and delegates review of the site plans to the Planning Commission. The LIP is also very clear that if there is a conflict, the written standard of the LIP prevails. In the ordinance, Section 22.46.1060 E provides that the Design Control Board can review the plans but can only require revised plans for signage, colors and landscaping. Sections 22.46.1060 and 22.46.1180.12 of the certified LCP discuss site plan review:

> *§22.46.1060.E.4. Architectural Treatment. Among other important objectives, good site design is essential in maintaining compatibility among adjacent land uses and preserving important public amenities such as view corridors and scenic vistas. Balconies, terraces and patios are encouraged. Outdoor dining facilities which do not interfere with public access ways are also encouraged to take advantage of water views and scenic vistas throughout Marina del Rey in those areas where restaurants are allowed by this Specific Plan; such facilities shall comply with the public view and public access provisions of this Specific Plan and the provisions of subsection G of Section 22.28.070. Specific design review within the existing*

Marina is the responsibility of the Design Control Board's Statement of Aims and Policies, dated February 17, 1987 found in Appendix C of the Certified LIP.

§22.46.1060.E .5. Building Height Standards [describes view corridor height incentive program]

§22.46.1060.E 6. Community-wide design guidelines are established and administered by the design control board of the department of beaches and harbors. The design control board shall continue to review architectural designs and site plans for development projects in the existing Marina.

d. The design control board shall review the site plans of converted or mixed uses to assure that the design will enhance compatibility of the uses with each other and with adjoining uses. The board shall consider massing, public access and views, pedestrian and automobile traffic patterns, convenience of loading and trash hauling and the separation of public and residential routes and entrances of the building as they relate to the project's consistency with the LCP. The design control board shall consider and adopt a written report and/or provide marked plans to illustrate its conclusions relating to the project's consistency with its guidelines and the LCP. Design changes necessary to assure compliance with the access, visual quality, recreation, and other policies of this LCP shall be incorporated into the coastal development permit as conditions of development.

§22.46.1180.12. Site plan review within the existing Marina. All applications for development in the existing Marina shall include accurate, scaled site plans and elevations, showing gross square footage of existing and proposed development, parking, and parking requirements, as well as access and view corridors required by this certified LCP. These site plans and elevations shall be signed and approved by the design control board.

§2246.1180A.12.a. The design control board shall review the development for conformance of the project with this specific plan and with the identity and accessibility of the marina as a public boating and recreational facility. The board's analysis shall address, at a minimum, public access, height, circulation, massing, visual impact, views, and view corridors, compatibility of uses in a mixed-use project, and the visibility and convenience of public spaces as they pertain to the policies of this LCP. The design control board shall adopt a written report and/or exhibits describing their analysis and recommendations. ***The design control board, as a condition of its approval, may require the applicant to return with final plans for approval of signage, landscaping, color and other details****. (Emphasis Added.)*

This internal inconsistency represents a potential problem, especially in implementing the Asset Management Strategy, which depends on design review of site plans. Even though the total text appears to cover siting considerations, the scope of the Design Control Board's review has been interpreted in a more limited way.

The Design Control Board and Department of Regional Planning reviewed the four major projects for consistency with the view corridor standards, and made other comments on the design. The project on Parcels 12 and 15 was granted greater height under the view corridor ordinance and the density incentive ordinance but was still required to make minor changes in the proposed height and project description, including apparently the number of units.

In order to assure that the LCP will be implemented in conformity with the Coastal Act, the County should remove the inconsistency between LUP and LIP language with respect to design review to include all elements subject to the Design Control Board's review and all design elements listed in the Asset Management Plan. Recommendations 19 suggests that the inconsistency between the LUP and LIP language with respect to design review be corrected. The LCP requires design review by the Design Control Board as part of both the development and the public access section, but LIP does not define "design" and what aspects of the project are reviewed as "design". The County should amend section 22.46.1180 12(a), which specifies the contents of the revised final plans which are submitted to the Design Control Board to include all elements subject to the Design Control Board's review and all design elements listed in the Asset Management Strategy.:

5. Relationship between the Asset Management Strategy and the certified LCP.

In 1997, the Department of Beaches and Harbors developed a plan to re-develop the Marina, the Asset Management Strategy (AMS). The Asset Management Strategy analyzed problems in the Marina del Rey, some of which were financial, but which also included design, access and use issues that the public has raised as part of Periodic Review. As stated in the Strategy, these problems included:

> *The use mix of the Marina reflects a compromise between the originally conceived recreational and open space Marina and the additional commercial/residential development that resulted in order to repay the bonds used for the dredging and creation of Marina del Rey.*
>
> *The long-term vision of Marina del Rey is to establish it as a strong urban waterfront development while maintaining emphasis on the Marina's recreational boating mission. To accomplish this, we must achieve five characteristics common to successful waterfront developments:*
>
> - *A powerful sense of place;*
> - *An accessible waterfront, both physically and visually;*
> - *An exciting mix of interconnected uses that relate strongly to the water;*
> - *A multi-modal transportation system that facilitates walking and other non-automotive forms of travel; and,*
> - *A varied, high-quality residential environment.*[61]

The Asset Management Strategy report found that the presence of public parking lots adjacent to the water detracted from public views and suggested moving those lots to the

[61] LA County, Asset Management Strategy, 1997.

periphery of the Marina. It did not specify where the lots were to be located. In order to continue providing public parking, the plan proposed that the County operate a shuttle or tram system to bring the public for the lots to the shoreline. [62] The Asset Management Strategy identified problems with the way the Marina works as a recreation destination. It found that Marina del Rey needs better access to the water and more lively uses along the water, which meant uses involving people. As well as encouraging the development of more visitor serving uses, the key use and design recommendations included more design review[63] in order to achieve better use of the water front including:

- Waterfront plazas (that complement the Marina's ambiance) and recreational boating mission;
- An accessible waterfront;
- Strong view corridors;
- Outstanding architecture that relates strongly with the waterfront;
- Waterfront promenade;
- Waterfront restaurants and retail;
- Boating related activities -- ferry rides, cruise terminal, yacht clubs.

These goals conform to the priority use design review and siting provisions of the LCP, and with the Coastal Act. However, in order to achieve these goals, the Asset Management Strategy suggests at least two "catalytic projects." These projects are proposed to be large, to stimulate other lessees to re-develop. They raise issues with Coastal Act Policies 30210, 30211, 30213, 30220, 30221, and 30224 because the sites chosen, which are public parking lots and launch areas, would be converted to commercial uses. The proposals include: 1) building an entertainment complex above the public boater parking lot at the Marina's only public boat launch facility and 2) converting existing motels and the parking lots at the Marina's one public beach to a high-end hotel and convention center. The hotel would provide parking for the public beach in its parking structure. A public walkway and a row of commercial spaces would be constructed along the inland side of the beach, which would remain public. The present concrete block picnic shelters would be demolished. This last project has been translated into an RFP which would build hotels on three public parking lots located adjacent to the Marina Beach, the

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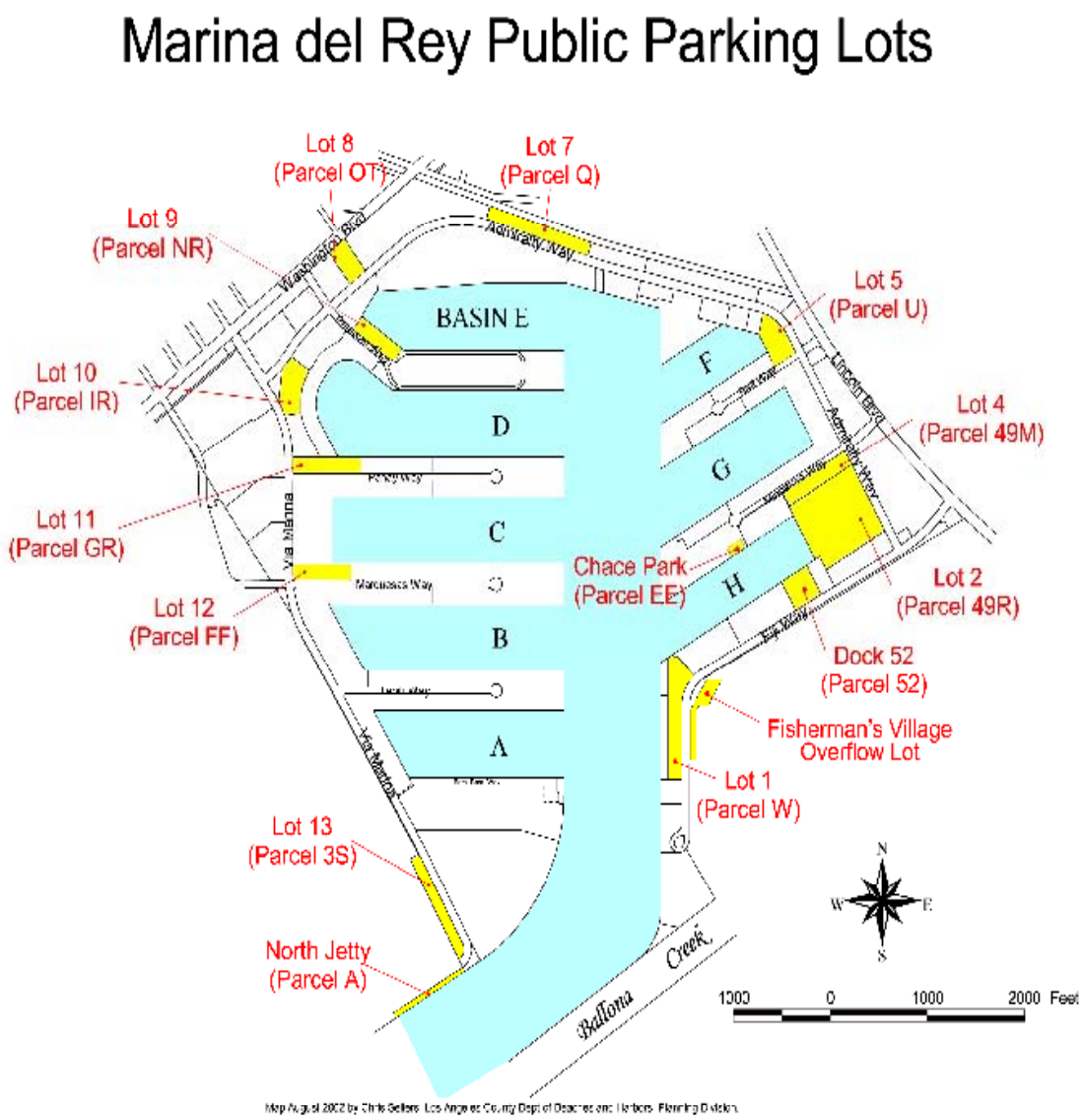
[62] *Parking and Transportation*
The reorganization and relocation of public parking is an important development policy and is necessary both to redevelop key waterfront sites that can serve a better use and to encourage pedestrian and other nonautomotive forms of travel within Marina del Rey (i.e., water taxis and electric powered trams that link the two catalytic projects and other attractions, such as parks and restaurants). Waterside access to facilities for water taxis and boaters will be accommodated by the provision of dockage at the catalytic projects, parks, restaurants, etc. A possible solution would be to create structured parking on non-key sites located on the perimeter of Marina del Rey which have direct links to the nonautomotive forms of travel. One of the goals of AMS is to create a multifaceted transportation system within the confines of Marina del Rey which would allow visitors and residents to visit all areas of the Marina without having to drive their own vehicles. This will benefit the local businesses, as visitor and tourist spending will increase proportionally to the length of their stay. Traffic impacts from the catalytic projects and all other Marina development will be considered during the environmental review process for each project, at which time appropriate mitigation measures will be established,…(Source, Asset Management Strategy)

[63] *The Marina del Rey Design Control Board will, through its design review process, implement urban design criteria and standards for design, and placement of lighting, benches, landscaping, signage and international symbols to help integrate the pedestrian promenade, roadway medians, parks and other public amenities for visitors and residents alike.* (Source, Asset Management Strategy)

water and near existing restaurants and kayak launching facilities. The parcels are Parcels IR, GR and NR, which are the public parking lots in the immediate vicinity of Marina Beach (commonly known as Mothers' Beach).

Figure 1: MDR Public Parking Lots **(source: LA Co. DBH)**



The Asset Management Strategy does not propose to remove public recreation and recreation support from the Marina. However, it relies on relocating public parking within new commercial projects, or to remote parking lots outside of the loop roads, and serving them with a yet unfunded shuttle system to maintain both current and projected levels of public access. There are now three public parking lots outside the loop roads. There is one leased lot on Fish and Game property in Area A. The Asset Management Strategy suggests that the County invest in parking structures to accommodate the displaced

parking. The integrity of the plan depends on funding the shuttle, and the construction of the structures. The catalytic projects are proposed on sites that would require LCP amendments to allow the proposed development. If the catalytic projects and the amendments supporting them are submitted piecemeal, there is little opportunity to assure that the entire system can be reviewed as an integrated plan.

The County should implement a comprehensive revision identifying the parcel(s) that would be subject to reallocation of uses recommended in the Asset Management Plan and consider all the changes in one LCP amendment as an integrated whole, so that the balance of public uses recommended in the Asset Management Plan, the LCP and the Coastal Act is achieved. To achieve this it will be necessary to protect existing public parking, public beach and boat launch areas and public access to these areas. The LCP update should all include major changes suggested in the Asset Management Plan- relocating parking, encouraging lower cost waterfront access; encouraging a few highly visible projects; increasing waterfront commercial uses while conforming to LCP protections of public parks, open space, and lower cost recreation.

The parking structures and shuttles suggested in the Asset Management Strategy would require major capital outlay and major long term funding. If the catalytic projects were approved without such funding, the projects could reduce access to the Marina and would be inconsistent with the LCP, which requires protection of public parking as a key component of public access. Secondly, the Asset Management Strategy may raise issues with transportation policies – the AMS's central strategy is to build large developments that will "attract people". The traffic generated by such projects is not anticipated in the present LCP.

Finally, the Asset Management Strategy is very clear that detailed and creative site plan review is necessary in order to assure that the recommended intense development actually "attracts" the public. The current language of the LIP confines the Design Control Board to review of signs, colors and façades, and the Dept. of Regional Planning to review of densities and the widths of walkways and view corridors. These are important functions but do not address the "vision " of the Asset Management Strategy, which allows intense development but includes design review to be sure that developers will include lively attractions, ground level destination, links to shuttle systems and a pedestrian environment. This kind of review and analysis is not reflected in the findings available for review on the residential and commercial projects that were recently approved. Instead, the findings were a careful review of the project's compliance with objective measures found in the Code. For example, findings on the site plans for a commercial project on parcel 140 are essentially code analysis. They state, in part:

> *8. The site plan depicts the apartment building covering the entire site with eight-foot landscaped setbacks on the northern and southern sides and 15-foot setbacks on the eastern and western sides. The first floor includes such amenities as a pool, a Jacuzzi and a garden. Other amenities, located in the lower basement parking structure, include storage units for each apartment, an exercise room, saunas and a game/party room. Floor plans for each of the four residential floors and the two parking floors are also provided. The first parking level is a*

street/ground level with the second parking level below ground. The roof plan depicts the roof decks for the loft apartments on the fourth floor. The elevation drawing depict the maximum height of the building at 77 feet and a sheet of unit plans depicts each of the different types of units proposed within the apartment building.

9. The proposed use complies with all applicable community- wide design guidelines of the Marina del Rey Specific Plan, as provided in Section 22.46.1060 of the County Code as follows:

a. Landscaping is depicted along the perimeter of the site with a minimum width of eight feet as required. Those portions of the underground parking structure that may be visible above ground shall be appropriately shielded. Landscaping plans will be required for review and approval by the Count Biologist and the Design Control Board prior to obtaining building permits.

b. Lot coverage is limited to 90% of the site and a minimum of 10% of the site must be landscaped. The proposed building covers 62,736 square feet of the 1,977-acre (86,118 square foot) property for a lot coverage of 73%. The total area devoted to open space (perimeter landscaping and interior courtyard) is 23,382 square feet for a landscaped area of 27%. As depicted on the site plan, the lot coverage and landscaping requirements have been met.

c. The site plan indicates that the project will contain 89 efficiency and one-bedroom apartments and 83 apartments with two or more bedrooms. The number of parking spaces required to accommodate these units is 300 standard spaces. The total number of guest spaces required is 43 standard spaces. The site plan depicts provision of 414 spaces, 290 of which are tandem spaces, and six of which are to be reserved for disabled persons. There is an excess of 71 spaces proposed and 59 of these spaces are compact. As depicted on the site plan, the parking requirement has been met.

d. Pursuant to Section 22.56.110 of the County Code, the Commission hereby grants the applicant's request for one building identification sign, not to exceed 120 square feet in area. The specific design of said sign shall be regulated by the Design Control Board.

*e. The design of the building is in compliance with the site design and architectural treatment requirements of the Specific Plan and the specific design will be regulated by the Design Control Board. As the parcel is not a waterfront parcel, a view corridor is not required. (*Source, Los Angeles county Planning Commission, Findings for approval of 03-030-(4))

On the other hand, Marina Two (98-134-(4)) provided some unique and positive design features, for example, each window had a marina view. The staff report described these features, but there was no evidence that the features were a result of discussions between the reviewing agencies (the Design Control Board and the staff of the Department of Regional Planning) and the applicant. The County findings indicated that the applicant reduced the number of units in response to issues raised at the Planning Commission.

The County should consider options for funding implementing some of the Asset Management Strategy public access components such as for shuttle buses. As suggested in Recommendations 12 and 13, the LCP should be revised to consider a range of alternatives to further implementation of nonautomobile transportation in order to fully implement the LCP in conformity with the Coastal Act.

The County should incorporate the design suggestions in the Asset Management Strategy into the LCP. The County should also revise the LCP revised to include a method to give priority to free or lower cost public uses on waterfront parcels. Instead of identifying public parking lots for redevelopment under the Asset management Strategy, the County should consider urging lessees of residential parcels to develop the visitor serving facilities suggested in the Asset Management Strategy.

5. Transportation and Circulation

A. Overview

The Marina del Rey is a 780-acre County island surrounded by the City of Los Angeles. Most traffic studies assessing traffic capacity and development impacts in Marina Del Rey are combined with studies of the surrounding area in the City of Los Angeles. In 1990, when the Commission approved the LCP, all but one of the parcels in the Marina del Rey were developed. Both land and water areas generate automobile traffic. All studies [64] claim that their fieldwork shows that commuter traffic exceeds that generated by peak recreational traffic, which is presumed to occur on summer weekends.

The 1990 LIP (implementation program) carried over traffic and development policies from the 1984-86 LUP. The County developed these policies in the early 1980's. They were based on subregional traffic studies and models that analyzed the impacts of the Playa Vista development and methods, usually road widening or intersection improvements, developed to address the traffic impacts of the proposed Playa Vista development. The traffic studies included a survey and analysis of the trip generation of the Marina as it then existed and the trip generation of a theoretical "Phase II," recycled Marina del Rey. This was accompanied by a list of traffic mitigation measures (as subset of the study's list of mitigation measures) that were 1) close to the Marina del Rey, and 2) that were sized to

[64] 1. Barton Aschman Associates, Traffic Circulation/Overview Playa Vista Master Plan, May, 1981,
2. PRC Voorhees, Draft Playa Vista Traffic Analysis, October 1982.
3. Barton Aschman Associates, Playa Vista Transportation Analysis, 1991
4. DKS Associates; Gruen Associates, Marina del Rey Traffic Study, 1991, and the Addendum to this study by DKS Associates, 1994

accommodate the traffic projected from a redeveloped Marina del Rey. [65] The traffic and development policies of the 1984 -1986 Marina del Rey LCP required that there be no recycling of the developed leaseholds until the principal traffic mitigation measure identified in the 1982 traffic study, including the "Marina Bypass," were approved and funded. The Marina Bypass is an extension of Route 90, which would carry traffic from Route 90 (west of Lincoln Boulevard) directly to Washington Boulevard, thereby avoiding the intersection at Lincoln and Washington Boulevards, which consistently operates over capacity (level F), and is regarded as one of the two most congested intersections in the City. Recycling of the developed leaseholds was identified as "Phase II development" in the certified Land Use Plan and in the 1990 Implementation Ordinance.

> *Approval of Phase Two development is conditioned upon execution of a binding agreement between the County of Los Angeles and the Marina del Rey Lessees' Association which insures funding for improvement of four key intersections in the Marina identified in the Gruen Traffic Study (Admiralty and Mindanao, Admiralty and Bali, Admiralty and Palawan, Admiralty and Via Marina) and funding for construction of the Marina Bypass. The Summa Corporation [66] has agreed to fund 5% of the cost of the Marina Bypass. The Gruen Urban Design Study (1982) has concluded that these intersection improvements, and provision of the Bypass, would provide sufficient additional circulation capacity to accommodate 2,400 additional peak hour trips. As the level of permitted development, as summarized above, slightly exceeds capacity, development will proceed on a first-come, first-served basis until this peak hour ceiling is reached.* (Certified Land Use Plan, 1986, Development section)

Section 22.26.1100.4 of the implementation ordinance certified in 1990, provided that no significant development that generated significant peak hour traffic could take place until the Marina Bypass and other mitigation measures were approved and funded. It also carried forward the 2,400 peak-hour trip development cap, applying to all development.

Between 1984 when the LUP transportation policies were initially certified, and 1991, it became apparent that the City of Los Angeles would not agree to the extension of the Marina Bypass through a residential neighborhood. In 1991, understanding that the policy was a de facto moratorium, Los Angeles County commissioned a traffic study to address whether there were alternatives to the Marina Bypass that could accommodate the traffic that Phase II of the Marina del Rey would generate. In 1995, based on the new study, the Commission certified an amendment that raised the development cap to 2,811 peak hour trips and identified a number of "Category III improvements" that would make up for the absence of the Marina Bypass. The study demonstrated that with the identified

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[65] Phase II Development can be summarized as follows:

Hotel Rooms:	740 sq. ft.
Restaurant Seats:	450 +
Boat Slips:	20 +:acres (not including new "Area A" basin)
Retail:	14,000 sq. ft.
Marine Commercial	Indeterminate *
Residential Units:	1,500
Office:	200,000 ±. sq. ft.

[66] Summa Corporation was the owner of Playa Vista when the 1984-87 LUP was certified

improvements, both the internal circulation system (Admiralty and Fiji Ways and Via Marina) and the "subregional system " (Lincoln, Washington, Jefferson, and Culver Boulevards and Route Ninety), could accommodate the projected Playa Vista development as well as up to 2,811 peak hour evening trips from the marina proper. The goal was to:

> *"Provide additional capacity to improve the volume to capacity (V/C) ratios at the study intersections to 0.85 (level of service "D") or to the predevelopment ambient V/C ratio if the ambient ratio exceeds 0.85. In other words, the intersection will not be allowed to worsen beyond a level of service of E. If service at a particular intersection is already above this level, then the intersection cannot be allowed to worsen beyond its existing condition."* (Certified LUP, 1995, page 11-6)

The LUP background analysis went on to acknowledge that during summer weekends and peak weekend and holiday times, traffic would exceed those levels. During the Fourth of July and the Christmas boat parade, special traffic handling and parking procedures would be necessary. The survey showed that in 1991, traffic was at Level of Service F at Lincoln and Washington Boulevards and at Lincoln and Jefferson Boulevards. The LUP did not propose to improve the level of service at these intersections, only not to allow it to get worse.

The LCP addresses circulation in the public access, development, and circulation sections of the Land Use Plan and in Sections 22.45.1090 and 22.46.1100 of the development code.

B. Policy Framework

An analysis of traffic and circulation issues in a Local Coastal Program is based on the public access and development policies of the Coastal Act. Relevant policies are listed in the Section 4. B (Development) of this report.

The certified Land Use Plan provides that development should not be approved unless there is adequate traffic capacity. It also provides that development in the Marina is limited to 2,811 peak hour trips, which are distributed among 12 development zones. The purpose of the development zone is to assure that traffic generated by the development does not exceed the capacity of either the internal Marina system or the subregional system, by which is meant Lincoln and Washington Boulevards, which are the major arterial streets located directly outside of Marina del Rey.

The plan adopts "traffic improvements" that are derived from traffic models developed as part of the 1984 approval for the Marina del Rey/ Ballona Land Use Plan, updated in 1989 to reflect the absence of Falmouth Avenue (a connector that crossed the Area B wetlands),[67] and in 1992 to reflect the absence of the Marina Bypass. The improvements

[67] This road was removed by Maguire Thomas Partners, the then developer of the Playa Vista project offered as part of its settlement with the Friends of Ballona, in the case: *Friends of Ballona Wetlands, a non-profit corporation, et. al., v the California Coastal Commission, and the County of Los Angeles, et. al.* .

were assessed in these models and judged to increase the capacity of the internal and subregional systems enough to accommodate 2811 new peak hour trips in the Marina.

The LCP states, in part:

> *Section 22.46.1180.9.A. The monitoring program implements the development limitations and phasing Policies as established by the certified Marina del Rey Land Use Plan. Cumulative development and peak hour trips will be monitored and totaled for each development zone as projects are approved.*
> *B. Development in the existing Marina is classified as Phase II (see Table 1 set out at the end of this Part 3). All new development in the existing Marina will be subject to the build out limitations of each development zone, phasing restrictions, land use category, and the site-specific standards of this Specific Plan.*
> *C. Development Limitations and Phasing. Specific monitoring criteria for development phasing are described as follows:*
>
> > *1. Development Monitoring. Additional development is limited to the build out identified in Table 1 for each development zone. Development shall not be approved that will exceed the capacity of the regional, local or development zone street system. The total potential for additional units and amount of commercial and residential development allocated under this LCP will generate a traffic impact within the Marina del Rey that can be mitigated within the Marina by the improvements listed in the traffic improvements plan which is part of the Local Implementation Program. Monitoring will be based on the type and density of development. Except for Parcel 9 of Development Zone 9 (Tahiti Development Zone), all development transportation facilities generated by cumulative development in Marina del Rey, approval of development projects in existing Marina will be contingent upon the full mitigation of all significant daily and peak hour adverse traffic impacts generated, and financing and phasing agreements as specified in the Improvement Financing the Transportation Improvement Program (TIP) contained in Appendix G. Said agreements will be dependent upon the number of additional P.M. peak hour trips generated by the project and the established cost per trip.*
> >
> > *4. Applicants for all development shall demonstrate that there will be sufficient traffic capacity in both the Marina del Rey internal system and the subregional highway system serving the Marina to accommodate the traffic generated by the planned development. If the applicant cannot demonstrate that there is adequate traffic capacity to accommodate the traffic generated by the proposed additional development, the application shall be denied, as set forth below:*
> >
> > > *a. If the developer has demonstrated that there will be available traffic capacity within the internal Marina del Rey System, the developer may move forward with the project, but all significant adverse traffic impacts of development on both internal Marina del Rey routes shall*

be mitigated by 1) payment of a proportional fair share of necessary internal traffic improvements before a coastal development permit for the development is issued, and 2) construction of all necessary internal Marina del Rey improvements prior to occupancy of any approved structures.

b. As part of the application for development, applicants shall also provide evidence of the cumulative impacts of any proposed project on major state highways and routes leading to the coast in the marina area, and provide information regarding the capacity of such routes, and the cumulative total of new trips generated within the Marina that routinely use these Marina approach roads. Where any significant adverse cumulative traffic impacts on subregional traffic routes will occur, the applicant shall 1) pay a proportional fair share of necessary subregional traffic improvements, and 2) provide information concerning the timing and capacity of planned traffic improvements which will accommodate local growth including that attributed to the development. However, if the trips generated by the development along with other previously approved development will exceed 50 percent of the total anticipated additional external trips to be generated by new or intensified Marina de Rey development, additional development that generates external trips cannot occur until a traffic improvement on the approach roads that will mitigate those trips has been approved and funded by the appropriate agencies. (Section 22. 46.1180)

The list of improvements include road widening – widening Admiralty Way to five lanes, and intersection improvements including the installation of smart traffic lights (ATSAC), shuttles and even light rail. The model used assumes that Level D is an acceptable level of traffic. Level D is a "level in which there is congestion on critical approaches, but intersection functions. Vehicles required waiting through more than one cycle during short peaks." [68]

The policies assessed a new development for its impacts on traffic based on a pre - approved estimate of trips generated by each different kind of development based on an ITE standard, a pre-approved list of improvements, and pre-approved estimate of the total construction cost of the improvements. Developers are assessed the fair and reasonable share of the cost based on the number of new peak hour trips generated by each development. The assessment is $5,670 per net new peak hour trip. [69] Development is also analyzed for its generation of allowable trips in its development zone and its relationship to the Marina-wide cap on trips.

C. LCP Implementation Issues

[68] Source: 1996 Land Use Plan, Circulation section
[69] $1,592 for local transportation system improvements and $4,098 for subregional transportation system improvements. (Source, Los Angeles County Department of Public Works, Memorandum on Marina Pacific, parcels 112, 113.)

Speakers at the public hearing on the Periodic Review raised two basic issues concerning transportation. The first was that the subregional transportation system has become extremely congested, and that the amount of development recently approved in the LCP would exceed the capacity of the transportation network. The public questioned whether the County had collected the fees or made the traffic improvements discussed in the LCP. Secondly, the speakers were concerned that the improvements did not contain enough "alternative" modes of transportation. In addition to those issues, they indicated that the Marina lacks connections: boat-owners cannot take a dinghy to landside uses; parking lots do not serve the bulkhead access ways; destinations are not linked to parking. Finally, the speakers questioned the validity of the transportation model that was the basis of the LCP, now that the State has acquired Area A and the rest of the Ballona wetlands for recreation and habitat restoration.

It was clear that jurisdictional distinctions are not useful in analyzing subregional traffic. Several points made by the public, for example, that a remote parking lot serving Venice Beach and operated by the City of Los Angeles did not serve the Marina very well, indicated that the jurisdictional boundaries are either irrelevant to or not perceived by the public. The general perception was that traffic was increasing, that the increase was related to the LCP, and the measures devised to decrease traffic were not reducing traffic impacts.

1. Congestion of local streets and arterials.

Between 1990 and 1996, before the present LCP was effectively certified, the County approved six coastal permits. All of them were, by definition, permits with no appreciable traffic impact. Since 1996, the County has issued eight coastal permits. In all 8 permits that staff reviewed, the County applied the traffic policies of the revised 1996 LCP in evaluating new development. One of the projects approved under the 1996 LCP required a LCP amendment to allow the developer to use trips previously allocated to a site farther from the intersection receiving the site's impacts, Via Marina and Admiralty, than the site that received the credits, but impacting the same major intersection. The Commission approved that amendment.

Street traffic has increased since 1982, when the Barton Aschman study was drafted and since 1991 when the County studied whether they could approve increased development without the "Marina Bypass". County figures show that most new traffic generation is the result of Playa Vista Phase I and of three major residential developments that the City of Los Angeles approved along the Lincoln Corridor.

Table 7:Peak hour Trips from new development inside and outside the Marina

Traffic generated	Occupied?	Units/sq. ft.	Peak hour trips
Marina Two	No	Add 120 units Remove 217 slips Remove 4,000 s.f. Office	(4)
Esprit Marina	No	Net 432 units Net loss 278 slips,	276

		Demo restaurant 360 retails add 8,000 .s.f. Retail	
Dolphin Marina	Parcel 18 occupied Parcel 20 partly occupied	68 du 47 senior du 99 du net increase 4,940 club 2,300 s.f .office;	68
Paise	no		
Gold coast shopping	occupied	450 office	2
Via Marina		Demo 1,300sf office, 3,250 bank Net increase 11400 s. f. retail includes 288 restaurant seats	(59)
Library	yes	2454 sf	0
All Marina del Rey projects			369
Projects outside the Marina			397
Avalon Bay	Yes partial	310 DU	4
West bluffs Catellus	no	120 sfd	2
Costco	yes	Costco center	74
Chateau Marina	partial	500 du	48
Playa Vista Phase I	partial	3,246 DU, 35 ksf retail, 2,000 ksf Office. 1.000 ksf studio, 120 ksf community serving uses	102
Playa Vista Phase II	no	2,600 du; 150 ksf retail; 175 ksf studio; 40 ksf community serving uses	49

Development outside the Marina is not subject to the Marina del Rey LCP. Two developments, Costco and Playa Vista Phase I, and the residential portion of a third, Catellus, are located outside the coastal zone. Two others are located inside the coastal zone. These developments were cited in the letters that the Commission received from the public. In the case of the largest, Regatta, not on the County's list in Table 7, the Commission, found no substantial issue with the with the City of Los Angeles's permits, including the City's traffic mitigation, which was widening the intersection at Lincoln Boulevard and the end of Route 90, as well as payment of major fees for other improvements. The second, Chateau Marina, was appealed, mostly on traffic impacts, and then the appellant dropped the appeal. Although all these developments add traffic to the Lincoln Corridor, none of this development is subject to the LCP.

With respect to the perceived impact of development that the County has approved, only two of the five major projects approved since certification of the LCP have been completed, and one is only partially occupied. Therefore, the congestion cannot be attributed to new development approved under the LCP. Several developments located outside the Marina are occupied. These include Regatta, which is the high-rise on Lincoln at the end of Route 90 and Chateau Marina, 500 units in the City of Los Angeles east of Lincoln, and parts of Playa Vista Phase I. Any present increase in traffic is attributable to these large developments and the continuing intensification of smaller lots in the Venice/Palms/DelRey area.

2. County implementation of LCP cumulative impact policies.

The County has required an analysis of traffic impacts on all of these projects. It has assessed developers a total of $4,402,248 to pay for improvements to subregional traffic

system (Category 3 improvements). It has collected $897,956 of this and has spent $32,500 on a subregional traffic study. Phase One of the Lincoln Boulevard Task Force plan, which would integrate the improvements to Lincoln proposed by the five agencies with jurisdiction over Lincoln Boulevard.[70] It has imposed other fees on the same developers to pay for improvements within the Marina (Exhibit 7: Lincoln Blvd).

In addition, the County has combined with the other jurisdictions to direct some of the traffic mitigation monies from these developments to the Route 90 extension, which will alleviate traffic on Lincoln Boulevard. Therefore, the County is working with the neighboring jurisdictions, Culver City and the City of Los Angeles, to extend Route 90 across Lincoln Boulevard to Admiralty Way, by passing the crucial Lincoln/Washington intersection. [71] (Exhibit 6: Map and List of Proposed Transportation Improvements).

Table 8:Amounts Assessed From Development Projects Outside of Marina del Rey For Lincoln Boulevard Improvements

Project	Scope	PMPK	Cost of proportionate share	Paid
Avalon Bay Community	310 apartment units	4	$ 6,368	YES
West Bluffs (Catellus)	120 single family units	2	$ 3,184	YES
Costco		74	$ 117,808	YES
Costco	Costco Center		$ 1,500,000	NO
GTE Chateau Marina	500 APARTMENT UNITS Cat I fee	48	$ 76,416	YES
Playa Vista-Phase I	3,246 dwelling units, 35 ksf retail, 2,000 ksf office, 1,000 ksf studio, 120 ksf community serving uses	102	$ 162,384	NO
Playa Vista-Phase II	2,600 dwelling units, 150 ksf retail, 175 ksf studio, 40 ksf community serving uses	49	$ 78,008	NO

3. Does increase in congestion mean that the LCP has reached its limits?

The public also suggests that additional development in the LCP area should be eliminated because of the present congestion of the corridor. This issue is already addressed in the LCP, which states that development cannot be approved unless there is capacity in the system to accommodate it. The policy is usually interpreted to mean that development can be approved if the capacity of the relevant intersections can be increased.

> *LUP " Cumulative Impacts Development shall not be approved that will significantly exceed the capacity of the subregional street system "*

[70] The cities of Los Angeles, Santa Monica and Culver City, Los Angeles County and Caltrans have formed the Lincoln Boulevard Task Force.
[71] Meyer, Mohaddes Associates, Gruen Associates; the Robert Group, Lincoln Boulevard Mobility Improvement Study; Conceptual Corridor Alternatives Study (Phase I), May, 2004.

LIP 22.46.1100.4. Applicants for all development shall demonstrate that there will be sufficient traffic capacity in both the Marina del Rey internal system and the subregional highway system serving the Marina to accommodate the traffic generated by the planned development.

As noted, there is no evidence that the County's recent approvals are responsible for current level of congestion. On the other hand, the County has collected significant amounts of money and has committed money from other sources to make major improvements to alleviate congestion of Lincoln Boulevard. The LCP also takes the long process of approving and developing major road projects into account in its policies. Even the more conservative 1984 LCP allowed Phase II development to take place as long as the Marina Bypass had been approved and funded. At present, the County has committed funds and is engaged along with the City of Los Angeles and other agencies in planning for and constructing the road widening projects (Exhibit 7: Map and List of Proposed Transportation Improvements).

Marina Expressway (SR-90) Connector Road to Admiralty Way Project and Admiralty Way Improvement Project

A consultant was contracted to prepare a combined EIR/EIS for the Marina Expressway (SR-90) Connector Road to Admiralty Way and Admiralty Way Widening Improvements projects. The EIR/EIS is expected to be completed June 2006. Under this schedule, design can begin in 2006.

The projects are targeted for completion of construction in 2011, pending the availability of funds. On August 9, 2004, the City Council of Culver City approved the transfer $1.5 million from Culver City's Costco developer fees to DPW to help fund construction of the SR-90 project, which is estimated at $18 million. The Admiralty Way project is estimated at $5.2 million.

MARINA EXPRESSWAY (SR-90) CONNECTOR ROAD TO ADMIRALTY WAY PROJECT

The proposed SR-90 Connector Road project involves extending the SR-90 to Admiralty Way from its terminus at Lincoln Boulevard as an at-grade connector. Motorists heading westbound on the SR-90 could turn onto Lincoln Boulevard, as they do now, or continue on to Admiralty Way. Today, those motorists en route to Admiralty Way must use Mindanao Way or the Lincoln Boulevard-Bali Way route, which adds to the traffic congestion on both roads.

The purpose of the project is to relieve congestion along the Lincoln Boulevard corridor and to provide an attractive, direct entry to Marina del Rey. This project qualifies as a Category III transportation improvement identified in the Marina del Rey Local Coastal Plan (LCP) since it will serve as a regional transportation circulation improvement.

The EIR/EIS which is being prepared for the project will consider the "No-Build" alternative and three other options for the realignment of the intersection of the Marina Freeway and Lincoln Boulevard and the addition of a connector road to Admiralty Way.

Admiralty Way Widening Project

The proposed Admiralty Way Improvement involves the widening of Admiralty Way to six lanes (three lanes in either direction) with turn lanes between Fiji Way and approximately 200 feet north Bali Way; and widening Admiralty Way between approximately 200 feet north of Bali Way to Via Marina Way to five lanes with turn lanes (three lanes north/southbound and two lanes south/eastbound).

This improvement will serve both regional and local traffic needs. As much as 48 to 50 percentage of the existing traffic on Admiralty Way is composed of external regional traffic (defined as traffic whose origins and destinations are both outside the Marina). This improvement would greatly benefit the existing traffic flows in the vicinity of the project area as well as to accommodate the future traffic needs as developments continue to occur both from the LCP's projected growth in the Marina and in the region. The project will provide a traffic congestion relief to Lincoln Boulevard corridor which is operating at its capacity.[72]

Staff is recommending no change necessary to LCP traffic mitigation policies.

4. Should the LCP rely more on transit and other nonautomotive transportation improvements?

The Lincoln Boulevard Task Force commissioned a study of Lincoln Boulevard. One of the elements of the study was a sample survey of the origin and destination of trips on Lincoln. The results were surprising. Traffic levels were highest just north of the Route 90 Freeway intersection with Lincoln; accidents were highest at Lincoln and Washington, but congestion was highest at the intersection of Lincoln and Olympic. Most of the trips on Lincoln Boulevard, which is regarded as an intercity arterial, were local trips, under a mile and a half. If this is so, it is reasonable to encourage shuttles, bicycles, and other nonautomotive methods of transportation to alleviate congestion in the corridor (Exhibit 7 Lincoln Blvd. Mobility Improvement Study).

The LCP already encourages mass transit. It even includes a light rail among its list of Category III improvements. Shuttles figure prominently on its list of alternative modes of transportation. However, shuttles, shuttle stops, bicycle lanes, and sidewalks are not mandatory improvements and, in the case of shuttles, remain unfunded.

The County should consider a range of options in for improving non-automobile transportation inside and near the marina. As suggested in Recommendations 11, 12 and 13, some additional revisions to the LCP would strengthen the implementation of

[72] James Chon, Los Angeles County Department of Public Works, Memorandum to Coastal Commission staff, April, 2005)

alternative transportation as a means to expand access to and recreational use of the Marina in conformity with Coastal Act policies.

5. Is the transportation model still valid?

The underlying issue in the Periodic Review is whether the County's assessment of the capacity of the system is correct. The idea that the system will, with appropriate mitigation, accommodate an additional 2,811 peak hour evening trips is based on a study. The study took place in 1991-1992. It relied on a combination of previous studies and models:

> *DKS Study Methodology*
> *The technical analysis for this study was primarily undertaken using a local area traffic impact analysis model specifically developed for this study. This model is based on TRACS (Traffic & Analysis Computer Software), a computer traffic model developed by DKS Associates in 1986. The two main components of the TRACS model are the study area zones (units of trip generation) and study intersections Traffic Analysis Zones (TAZs) Defined. For analytical purposes, it was necessary to aggregate the Marina parcels into logical and practical groupings. These groupings define the Traffic Analysis Zones (TAZs). After analyzing several different zonal arrangements, a final zone configuration was arrived at which divided the study area into 23 TAZs. Of these 23 TAZs, 12 were within the LCP study area, and the remaining were immediately outside the study area. Subsequently, it became necessary to modify the zone system in order to be able to analyze revised Area A proposal of MTP-PV. Based upon the new Area A design for the new marina, Area A zone was divided into three TAZs and former zone ten, that includes Fisherman's Village, was divided into two zones. Thus, the final zone configuration for use in the DKS Traffic Study defines 12 zones in the existing Marina area, and three zones for Area A, for a total of 15 zones. Fourteen of these 15 zones are shown on Map 8 in Chapter 8, Land Use. The one zone not shown is reserved pending final action by the Coastal Commission on Area A.* (certified Marina del Rey LUP, 1996, page 11-5)

The plan that this model referred to was different from present conditions in two ways: First, it included a grid though Playa Vista to handle traffic and part of the grid included an extension of Admiralty Way through Area A to a relocated Culver Boulevard. Second, it also assumed that Playa Vista would build out with considerably more units than is now possible. it is not clear what the picture will show upon reassessment. However, if the underlying studies were to be used either to deny development once the level of development approaches the 2,811-trip cap, or to allow development, the validity of the study is crucial. Given the scale of the changes in the immediate area, the County should be more rigorous in evaluating traffic impacts. Studies done for Marina Two relied on trip analysis within the context of the approved LCP and did not re-analyze the underlying study. While the study estimated the impact that the project would have on intersections outside of the Marina, the study assumed the Marina build-out and the adjoining highways' capacity to handle the build out as a given when it analyzed the cumulative impact of the related developments.

The 1984 Playa Vista project included the following as noted in Table 9:

Table 9:Development Planned in Playa Vista, 1984

Area	**Hotel**	**Residential Units**	**Commercial sq. ft.**	**Office sq. ft.**	**Comm serving**	**wetland**[73]
A 141 acres	22 Acres of hotel (1800 rooms approx.	1,226	200,000			40 acre marina
B 385 acres		2,333	70,000		19 acres	160 Acre wetland 15 Acre dunes plus support = 209 Acres
C 73 acres		2,032	100,000	900,000		
Total		5,591	370,000	900,000		160

In 1995, when this LCP was updated, Playa Capital had proposed considerable additional density in Area A, as noted in Table 10. The second Phase of Playa Vista included:

Table 10:Development Planned in Playa Vista 1995

Area	Hotel	Residen-tial Units	Commer-cial sq. ft.	Office sq. ft.	EMT media	Community serving Sq. ft	wetland[74]
Coastal zone potential phase II	450	6,408	245,000	1,025,000		145,000	226 A
D. (Outside coastal	300	3,431	315,000	1,048,050		375,000	7 ac (Rip.)

[73] Other park, road and support areas do not show on this chart

[74] Other park, road and support areas do not show on this chart

zone phase II							
Total phase II	750	9,839	560,000	2,073,050		520,000	
Already approved D (Outside coastal zone phase I		3,246	35,000	400,000	2,806,950	120,000	26 ac (FWM) 18 ac (Rip.)
Master plan total	750	13,085	595,000	2,473,050	2,806,950	640,000	

County representatives have objected to updating the model, stating that in fact, through the EIR process, and through other features of the LUP, each project prepares a traffic report. They assert that the reports use an updated model, which is the Playa Vista Phase II model. That model, they contend, does not rely on the roads that might not be approvable due to impacts on wetlands, and does not include the 200,000 square feet of office, the additional units and the marina which the 1987 plan assumed would be developed In Area A. If in fact an updated Playa Vista model is the basis of its current traffic calculations, the LCP should be amended to reflect that fact.

It may be true that a new model is not immediately needed. However, when major development is proposed, it will be important to have an updated model available. It may reduce the cost to rely on the work of major developers, as in the past. However, the County should not have to rely on case-by-case changes in the model carried out with the needs of individual developments in view. In order to assure consistency of new development in the Marina with the Sections 30250 and 30252 of the Coastal Act, the County needs to review the changed assumptions and consider the validity of the changed model as it applies to the entire Marina. The new model, or methods for updating the model should be adopted as part of the an amendment to the LCP, as suggested in Recommendation 10. The County should update the model or at least provide the public and the developers with criteria for updating the model in analyzing individual projects..

<u>Connections and non-automotive transportation.</u>

The LCP includes policies that identify non-automotive transportation as a Category III improvement and that encourage such features to be considered during design review. The County required a Transportation Demand Management Program from one commercial developer and one residential developer, but took no other steps to encourage alternate transportation. Again, the County should move to require all development including wider roads to be designed as part of an integrated transportation system that includes non-automotive components. Features such as walkways parking lots should be designed to link up with each other and the shuttle systems. As suggested in

Recommendation 11, the LCP would be updated to strengthen provisions for alternative transportation.

D. Conformance with Coastal Act.

In order to ensure that the LCP will be fully implemented in conformity with Coastal Act development and access policies, the County should update transportation models and expand alternative transportation.

6. Recreation and Visitor Facilities

A. Overview

The LCP area consists of 804 acres, 401 of which are land and 403 are water. Of the 401 acres of land in the Marina, approximately 32 acres are presently developed as public parks, landscaping and open space with an additional 12.9 acres proposed as new parkland.

A variety of non-boating recreational activities are located within the Marina del Rey LCP study area. These can be classified as either public, leased, or commercial recreation. Existing land and water recreational uses are shown on Exhibit 8: Map 5, Existing/Proposed Visitor-Serving Facilities, of the LCP.

According to the certified LCP, public recreation consists of those activities provided at minimal or no cost to users, such as public parks, beaches, and the bicycle path. Public parks include Burton W. Chace Park, Admiralty Park, and Marina Beach. Burton W. Chace Park is surrounded by water on three sides and is located at the end of Mindanao Way. The park provides a community center, entertainment area, picnic shelters and fishing dock. Admiralty Park, located along Admiralty Way in the northern portion of the Marina, offers a landscaped public open space with opportunities for strolling, sitting, sunbathing and bicycling. Marina Beach, located along Admiralty Way and Via Marina, between Palawan and Panay, provides a swimming beach, water access ramp facilities for persons with disabilities, picnicking (tables and barbecue stands) and volleyball.

For the walking/jogging, roller-skating, and biking enthusiasts, the Los Angeles County South Bay Bicycle Trail, a 19.1 mile bike path from Torrance Beach to Santa Monica, continues through the outskirts of the developed Marina.

In addition to the public recreational areas, leased recreation consists of those facilities which require some form of membership or residency for facility use. UCLA offers various water-oriented sports classes, including wind surfing and sailing, at their boathouse located southerly of the Fiji Way terminus. There are also health clubs providing facilities for both resident and non-resident club members.

Other visitor-serving facilities include three shopping centers: Marina Shopping Center at Admiralty Way, between Mindanao and Fiji Ways; Fisherman's Village at Fiji Way near the

County Administration Building; and the Marina Beach Shopping Center located at Washington Street between Palawan and Via Marina. Fisherman's Village offers sightseeing opportunities (both of the Village and the Main Channel), shopping, restaurants and boat rentals. In 1995, there were four hotels and two motels providing 969 rooms in the Marina. Approximately twenty-eight restaurants are located throughout the Marina.

The Marina also provides commercial recreation, such as, narrated harbor tours, ocean cruises and seasonal whale watching excursions, as well as sailing instruction, boat rentals, and sailing cooperatives that provides members boating opportunities without the high cost of boat ownership.

Support facilities include those necessary services and/or uses which maintain the recreational opportunities of the Marina. A number of public restrooms and drinking fountains are currently provided throughout the Marina including areas at Fisherman's Village, Marina Beach, Burton W. Chace Park, the public launching ramp, the harbor administration office, and along the promenade on Palawan Way. One locked restroom facility for transient docks is located next to Burton W. Chace Park.

The Marina provides fifteen public parking lots that in as of 1996 provided approximately 3,138 parking spaces. As noted in Public Access section of this report, the available parking is now about 3,081 spaces. The public lots are located throughout the Marina (see Figure 1: MDR Public Parking Lots in previous section of this report).

B. Policy Framework

Coastal Act

The Coastal Act includes several polices to provide and protect recreational facilities. The Coastal Act identifies land adjacent to waterways as suitable for recreation and recreational support uses. The Coastal Act recreation policies also require provision and protection of lower-cost facilities. Further, the development policies of the Coastal Act require the provision of adequate recreational facilities within residential projects so that new residents do not overcrowd coastal recreation areas to the exclusion of public access. These policies are set forth in the following sections of the Coastal Act:

> *Section 30213*
>
> *Lower cost visitor and recreational facilities shall be protected, encouraged, and where feasible, provided. Developments providing public recreational opportunities are preferred.*
>
> *The Commission shall not: (1) require that overnight room rentals be fixed at an amount certain for any privately owned and operated hotel, motel, or similar visitor-serving facility located on either public or private lands; or (2) establish or approve any method for the identification of low or moderate income persons for the purpose of determining eligibility for overnight room rentals in any such facilities.*

Section 30220

Coastal areas suited for water-oriented recreational activities that cannot readily be provided at inland water areas shall be protected for such uses.

Section 30221

Oceanfront land suitable for recreational use shall be protected for recreational use and development unless present and foreseeable future demand for public or commercial recreational activities that could be accommodated on the property is already adequately provided for in the area.

Section 30222

The use of private lands suitable for visitor-serving commercial recreational facilities designed to enhance public opportunities for coastal recreation shall have priority over private residential, general industrial, or general commercial development, but not over agriculture or coastal-dependent industry.

Section 30223

Upland areas necessary to support coastal recreational uses shall be reserved for such uses, where feasible.

Section 30252

The location and amount of new development should maintain and enhance public access to the coast by ... (.5.) assuring that the recreational needs of new residents will not overload nearby coastal recreation areas by correlating the amount of development with local park acquisition and development plans with the provision of onsite recreational facilities to serve the new development.

<u>LCP</u>

In addition to boating that is offered, Marina del Rey offers a variety of non-boating recreational activities and visitor-serving facilities that are protected under the 1996 certified LCP, such as, parks, beaches, bicycle and walking trails, commercial recreation, overnight accommodations, and parking. The LCP states that existing and proposed recreation and visitor-serving uses in the Marina shall be protected (Recreation and Visitor-Serving uses, Policy e.3), and new lower cost visitor-serving facilities shall be protected and, to the extent feasible, provided within the Marina (Recreation and Visitor-Serving uses, Policy e.4).

The Marina provides approximately 23 acres of parkland. To increase recreational facilities and help support the regional recreational demand placed on the Marina, the LCP designates two additional Parcels to accommodate public recreation: Parcel FF, for the

conversion from a parking lot to a public park, and Parcel P, for improvements to Oxford flood control basin. These two improvements would provide an additional 12.9 acres of park.

To fund potential recreation improvements and other public use facilities designated in the LCP, the 1996 LCP established a Coastal Improvement Fund. According to the LCP (ordinance no. 22.46.1970), the fund could be used for recreational improvements such as, parks, bicycle paths, community buildings, drinking fountains, interpretive displays and parking lots. Policy and Action e.5, under Recreation and Visitor-serving Facilities, states in part that all new construction in the existing Marina that is a non-coastal priority or non-marine related use are required to contribute into the fund (a credit is also available for on-site public open space improvements). Because new residential development will burden existing recreational resources, this fund was created in order to mitigate adverse impacts low priority residential development would have on the local and regional recreational facilities. The fund was established at the cost of four acres of improvements per one thousand new residents.

The LCP also requires new development to provide additional recreational opportunities including trails, bikeways (additions and/or extensions of existing bike path), open space/park areas and viewing areas (Recreation and Visitor-Serving uses, Policy e.2). Furthermore, all development is required to provide adequate parking consistent with applicable Los Angeles County Code, as certified by the Commission in the LIP.

To further support recreation and visitor-serving facilities in the Marina, the 1996 LCP contains a number of policies to protect and provide adequate parking. All development, including redevelopment, expansion projects or new construction, is subject to the applicable parking requirements as set forth in the Los Angeles County Code (Recreation and Visitor-Serving uses, Policy e.6). Furthermore, the LCP requires that all parking facilities be integrated into the overall design of all development and landscaped to soften their visual appearance and be attractively designed with a buffer of landscaping, berms or other screening materials (Recreation and Visitor-Serving uses, Policy e.7). The LCP also requires that public parking lots be conveniently located near key visitor attractions with adequate locational signage (Recreation and Visitor-Serving uses, Policy e.8). Furthermore, no public parking lots are permitted to be converted to other uses other than public park purposes (Recreation and Visitor-Serving uses, Policy e.12).

The LCP also encourages creating park and ride lots, use of peripheral parking outside of the Marina and instituting a shuttle. The LCP also requires, where feasible, office and commercial development to provide multi-use parking facilities for public use, and encourages existing commercial office development share parking during the businesses' non-peak use periods (weekends).

C. LCP Implementation

The LCP, as updated and certified in 1996, contains polices addressing recreation and visitor-serving facilities. The policies address the protection of existing and provision of

new recreational areas and visitor-serving facilities, such as parks, walkways, bikeways, restaurants, hotel accommodations, service concessions, and parking.

Based on permit records, there have been five development projects approved by the County, or by the Commission on appeal of the County's permit, which required contributions into the Coastal Improvement Fund or provide on-site public improvements (See Table 11). At this time, the total net contribution from these six projects is $113,985 (a total of $30,660.50 has been collected based on payment of projects that have commenced construction).

Since certification of the 1996 LCP, the County has maintained the existing 23 acres of park area in the Marina. At this time, the County has not improved Parcels FF and P for public park and public recreation as suggested as an option in the LCP, for increasing recreational facilities. However, the County is currently in discussions with developers regarding relocation of the existing parking lot on Parcel FF and developing a public park in another location.

The Marina's bikeway, which runs through Admiralty Park, through three waterfront lots located along Admiralty Way, then along Fiji Way to the South Jetty, has been maintained in its present location since the certification of the 1996 LCP. It has not been impacted by any new development since the certification of the LCP, except for one project (County Coastal Development Permit No.96-169) located on Parcel 40. The project was for a library expansion on Admiralty Way and required realignment of the bikepath from the westside of the library, which was the parking lot for the library, to the east side of the library, which relocated the bike path outside of the parking lot. By realigning the bikepath, the project improved access by eliminating potential conflicts with motor vehicles.

Further, the County, and the Commission on appeal of the County's permits, has required a 28 foot wide pedestrian promenade (20 foot wide fire access and 8 foot wide walkway) along the waterfront to improve access and recreational opportunities on new waterfront development. Since certification of the 1996 LCP, there have been four waterfront development projects involving six parcels approved by the County, or by the Commission on appeal of the County's permit, with the required walkway (see Table 11: Local Permits and Access Requirements). Since certification of the 1996 plan, the Marina has continued to provide other visitor-serving facilities such as hotels, restaurants and commercial recreation.

The certified LCP also recognizes that the provision of adequate parking in support of recreation and visitor-serving uses is important and it is equally important that all development provide sufficient parking to meet their needs to avoid parking conflicts with recreational and visitor-serving users.

All new development has been required and has provided parking consistent with the certified LCP. The LCP also requires that public parking lots be conveniently located near key visitor attractions with adequate location signage (Recreation and Visitor-Serving uses, Policy e.8). Furthermore, no public parking lots are permitted to be converted to other uses other than for public park purposes (Recreation and Visitor-Serving uses, Policy

e.12). At this time, there has been no new public parking lots constructed or converted to other uses. Since certification of the LCP, the County has maintained the existing public parking lots located throughout the Marina consistent with the LCP. These lots for the most part are located near key recreation and visitor attractions, such as parks and Fisherman's Village However, there are a few of public parking lots that the County provides that are not located adjacent to key visitor attractions and may be underutilized due to their location. Parcels FF and OT are examples of such parking lots. Parcel FF, located along Marquesas Way, is designated in the LCP as a potential parcel to be converted to a park but is currently operated as a public parking lot. The nearest key visitor-serving or recreational facilities are Marina Beach and the North Jetty, both located over 1,000 feet from the parking lot. The closest recreational facility is the promenade, which runs along a portion of the parking lot. Although the promenade is a significant recreational facility, people generally access the promenade in other areas and do not rely on this parking lot. Parcel OT, located on the northern side of Admiralty Way and northeast of Marina Beach, is approximately 600 feet from Marina Beach, but because of its location, the use of the lot may not be maximized.

Furthermore, approved development has been required to provide parking to be integrated into the overall design of all development and landscaped to soften their visual appearance and be attractively designed with a buffer of landscaping, berms or other screening materials (Recreation and Visitor-Serving uses, Policy e.7). There has been a number of development projects approved since certification of the LCP in 1996 that incorporated these design requirement into their plans; however, currently only one to two have commenced construction so it is too early to observe the actual development design to determine how effective the requirements are.

The LCP also encourages creating park and ride lots, use of peripheral parking outside of Marina and instituting a shuttle. The LCP also requires, where feasible, office and commercial development to provide multi-use parking facilities for public use, and encourages existing commercial office development share parking during the businesses' non-peak periods. The County also operates a water shuttle during the summer periods that not only serves as a recreational activity, but also provides a transportation alternative for access to the various recreational and visitor-serving facilities found throughout the Marina.

D. Conformance with Coastal Act

The LCP contains policies for the protection and provision of existing and new recreational areas and visitor-serving facilities, such as parks, walkways, bikeways, restaurants, hotel accommodations, service concessions, and parking.

The certified LCP has policies that require new development to improve or provide a new promenade along the waterfront. Since certification of the LCP, there have been four waterfront redevelopment projects (involving six parcels) that were required to provide a new promenade consistent with the 1996 LCP. All development projects are located on the west side of the Marina, but once constructed, the new promenade will be segmented and will not form a contiguous new promenade since there are other parcels in between

the parcels approved for redevelopment, that are not redeveloping. Current, new and existing segments of the promenade are fragmented and do not provide a contiguous pathway around the Marina because the majority of the lots have not redeveloped, and other lots have safety issues due to existing uses (boat repair or private clubs). However, where there is potential to improve the existing promenade or provide a new promenade, the promenade improvements are not triggered until new development is proposed. New development that will trigger promenade improvements may never occur on some of these parcels. Therefore, the County should encourage leaseholds that are not planning any redevelopment, to upgrade and improve the promenade to achieve, wherever possible, a contiguous or improved promenade throughout the Marina.

The County bicycle path provides the public a lower cost recreational opportunity consistent with the Coastal Act. Although the path does not run through the entire Marina due to development constraints with existing development and current road widths, it runs through Admiralty Park, through some of the waterfront lots located along Admiralty Way, providing direct access to Burton W. Chace Park, then along Fiji Way to the South Jetty. However, the location of the existing bike path may create safety issues in some current locations. For instance, within Parcel 44, the bike path runs directly through a marine commercial lot used for parking and boat sales. This mix could create safety concerns for the bicyclist. Therefore, the County should consider relocating the bike path to reduce the safety concerns and maximize public use. Furthermore, any relocation or development of new extensions of the bike path should consider locations along the waterfront wherever feasible to enhance bicyclists' views of the water.

To improve public access and recreation along the promenade and other recreational facilities offered in the Marina, the County is developing a uniform signage plan that will link all recreational and visitor-servicing facilities. The certified LCP contains a sign policy in the Shoreline Access section of the plan. The policy requires all development to incorporate informational features to improve the public's awareness of access opportunities. A similar policy should be included in the Recreation & Visitor-serving Facilities section so that all recreation and visitor-serving facilities are called out and the Marina will have uniform signage throughout the Marina that the public can readily identify. A sign program, as proposed by the County, will assist the public, that may not be familiar with the recreational and visitor-serving facilities in the Marina, identify and direct them to areas that are available for public recreation and visitor-serving use.

The 1996 certified LUP policy creating the Coastal Improvement Fund (CIF) indicates that the fund is to mitigate for the impacts that non-coastal priority or non-marine related uses located in a publicly owned recreational facilities have on the County's ability to provide recreation as well and the impacts these uses have on recreation and visitor-serving uses. This policy is carried out by LIP ordinance 22.46.1970 and it exempts hotels, visitor-serving commercial, office, and marine commercial uses from payment into the fund. Based on this policy, only developers of residential uses are required to pay into the fund. All other permitted uses for the Marina under the LCP are exempt from paying into the Coastal Improvement Fund. Non- coastal related development in a public area has two impacts: 1) opportunity cost –loss of publicly owned land that could be used to increase recreation and visitor-serving uses, and 2) increase in non-recreation or visitor-serving

traffic which impacts the public's ability to access the recreational and visitor-serving areas of the Marina.

While the County has required the LCP mitigation, the LCP does not assure that development will mitigate for impacts to priority uses in conformity with the Coastal Act. The Coastal Act requires that oceanfront land suitable for recreational use shall be protected for recreational use and development. Such uses have a priority over residential uses and non-visitor serving uses, such as commercial office use. The fund was set up to mitigate for any adverse impacts to coastal recreation and visitor-serving uses that residential uses have by using areas that could be used for recreation or visitor-serving. Visitor-serving uses and marine commercial uses should be exempt from payment into the fund since they provide and improve coastal recreation; however, non-visitor serving uses, such as commercial office use, is a low priority use and takes up areas that could be used for public or commercial recreational activities. Commercial office use, listed in the LCP as being exempt from contributing into the fund, should not be exempt from contributing into this fund to mitigate for the impacts on public or commercial recreational activities. Therefore, the County should revise the LCP to require all non-visitor and non-marine commercial related uses to pay into the fund to mitigate for any impacts these uses have on coastal recreation.

To support public recreation and visitor-serving activities in the Marina the provision and location of parking is important as identified in the LCP. In reviewing the location of the existing parking lots, a few of public parking lots provides are not located adjacent to key visitor attractions and may be underutilized due to their location. Parcel FF, located along Marquesas Way, is designated in the LCP as a potential parcel to be converted to a park but is currently operated as a public parking lot. Because of the lots distance from visitor-serving areas the lot may be underutilized. Parcel OT, located on the northern side of Admiralty Way and northeast of Marina Beach, is approximately 600 feet from Marina Beach, but because of its location, this lot may also be underutilized. Commission staff has reviewed a number of proposals over the years for use of Parcel OT by commercial development in the surrounding area because of its limited parking demand.

The County has indicated that they are aware of the issue of underutilized lots and will be undertaking parking studies to further analyze the parking situation and how best to maximize the use of the parking lots. This information and use of the existing parking lots is important as the population continues to grow and the demand on recreational facilities increases. Adequate support parking will need to be provided in strategic areas where the recreational and visitor-serving user will use the parking. Therefore, the County should consider updating the LCP to encourage relocating underutilized parking lots or developing new parking lots, in locations that will maximize their use and improve recreation and visitor-serving uses.

Policy No. 7, under Recreation & Visitor-Serving Facilities, of the certified LCP, requires parking lots to be attractively designed with a buffer of landscaping, berms, or other screening materials. This policy will help improve the visual appearance of the Marina; however, visual buffers and screening could adversely impact public views of the Marina. The LCP includes a number of view protection policies for new development but does not

address view protection across public parking lots. Therefore, the County should ensure that views of the Marina across public parking lots from public areas, such public streets, the bicycle trail, or accessways, are not obstructed by visual buffers and screening. The County should also consider enhancing Marina views for the public from all redeveloped or new recreational facilities, such as the bicycle path, promenade, and parks, since the Marina and the activities within the Marina are the focal point of all recreational activity.

By incorporating policies into the LCP to implement these suggested measures, as listed in the Recommendations 20 through 27, the County can ensure that the LCP will be implemented in conformity with the recreational and visitor-serving policies of the Coastal Act.

7. Public Access

A. Overview

Implementation of a public promenade along the entire waterfront of the Marina and implementing alternatives ways to expand visitor use in the Marina are central elements of the LCP. The County of Los Angeles has made significant improvements to public access in the Marina through the issuance of coastal permits. However, in developments where the promenade improvements are not required, the County should ensure greater consideration of alternative means to provide access in order to fully implement the LCP,

B. Policy Framework.

Coastal Act

The Coastal Act requires that maximum public access and recreational opportunities be provided consistent with public safety and the need to protect public rights, private property owners' rights and natural resource areas from overuse (Sections 30210, 30212, 30214). The Coastal Act requires that development not interfere with the public's right of access to the sea (Section 30211). Public access is required to be provided in new development, taking into account available access nearby. (Section 30212). Section 30214 also provides that access policies shall be carried out in a manner that takes into account the need to regulate the time, place and manner of public access. Upland areas to support recreation are to be protected where feasible (Section 30223) and adequate parking and transportation alternatives provided in new development to enhance public access (Section 30252).

To implement these policies, Section 30604(c) requires that: "Every coastal development permit issued for any development between the nearest public road and the sea or the shoreline of any body of water located within the coastal zone shall include a specific finding that the development is in conformity with the public access and public recreation policies of Chapter 3 (commencing with Section 30200)." Section 30500(a) of the Coastal Act requires that each Local Coastal Program must contain a specific public access component to assure that maximum public access to the coast and public recreation areas is provided based on the cited provisions.

Sections 30530-30534 of the Coastal Act also require the Commission to implement a Public Access Program. As part of the Commission's Joint Public Access Program, in 1999, the Commission adopted the Public Access Action Plan, which identifies several areas of concern regarding issues that affect coastal access and recreation. The top three priority areas of concern outlined in the Action Plan include 1) maximizing coastal access throughout the state by establishing a statewide California Coastal Trail, 2) ensuring that development does not interfere with the public's right of access to the sea by requiring Offers to Dedicate Public Access easements through the regulatory process where needed to mitigate impacts of new development, and 3) ensuring that development does not interfere with the public's right of access to the sea where public access has been acquired through historic use.

LCP

The revised and updated LUP for Marina Del Rey effectively certified February 8, 1996 (LCPA No 1-94) includes policies that make the provision of new shoreline access a priority. It implements this priority through LCP provisions that require components of a public access system: pedestrian access, public transit, water transit, parking, bikeways, circulation network, public views and directional signs and promotional information and proposed improvements to the westernmost 1,400 feet of the south jetty.

The LCP notes that, in some locations, fences, gates and signs inadvertently discourage public use and access and proposes to address such impacts in the development review process. The LCP proposed to enhance access through pedestrian walkways and bicycle trails, accessible to the physically impaired, view areas that provide points of observation and view corridors that allow uninterrupted views of the harbor from the road to the waterside, and which may be combined with public accessways.

The LCP requires development of a 28 foot wide promenade with benches and rest areas along the shoreline bulkhead in Development Zones 1 through 12 (with a few locations where public access may be restricted in areas where pedestrian safety may be compromised). In some cases, this promenade will be combined with fire access roads that also provide vertical access to the shoreline. Public parks are specified for Parcels 64, 112, and 133. In Marina del Rey, the County of Los Angeles owns all land and all leaseholders hold leases subject to an obligation to provide for active public use and maximum public enjoyment of the public recreational land. Public access is assured through the lease negotiation process and the development review process. As leases are extended, the LCP requires conformance with public access requirements. LCP ordinances require that conditions of approval include any mitigation measures proposed by the County including, but not limited to, providing public access, establishing view or wind corridors, preserving sunlight on the beaches, parks and boat slip areas, and participating in the funding of park improvements or of traffic mitigation measures.

LCP requirements also mitigate the impacts to public access from development of new residential units by requiring payment of fees to a Coastal Improvement Fund to finance construction of local park facilities in the Marina del Rey area. Public access is also

assured by requirements that permittees, in connection with their development projects, provide adequate parking and assure that maximum view corridors provide visual access to the Marina shoreline.

C. LCP Implementation Issues

1. Lateral and Vertical Access.

The County is effectively implementing shoreline public access requirements in major new development in conformity with the Coastal Act but is not maximizing access in review of minor new development projects and in projects that raise issues of pedestrian safety. The LCP also needs updating to reflect new information on implementation of the California Coastal Trail.

LCP Implementation

The certified LUP requires:

> *e. Policies and Actions (P. 1-7)*
> *Shoreline Pedestrian Access*
> ***1. Public Access to Shoreline a Priority**. Maximum public access to and along the shoreline within the LCP area shall be a priority goal of this Plan, balanced with the need for public safety, and protection of private property rights and sensitive habitat resources. This goal shall be achieved through the coordination and enhancement of the following components of a public access system: pedestrian access, public transit, water transit, parking, bikeways, circulation network, public views and directional signs and promotional information.*
> *2. Existing public access to the shoreline or waterfront shall be protected and maintained. All development shall be required to provide public shoreline access consistent with Policy 1.*
> *3. All development in the existing Marina shall be designed to improve access to and along the shoreline. All development adjacent to the bulkhead in the existing Marina shall provide pedestrian access ways, benches and rest areas along the bulkhead.*
>
> *4. All development in the existing Marina shall provide for public access from the first public road to the shoreline along all fire roads and across all dedicated open space areas consistent with the Shoreline Access Improvements, shown on Map 4.*
>
> *5. **Parcels 30 and 132**. Any development or expansion of club buildings, in excess of 10 percent of the existing floor area, shall require the provision of public pedestrian access along the full length of the bulkhead except where boat launch hoists present a safety hazard to pedestrians. Where access is interrupted due to a safety hazard to pedestrians, an alternative access route shall be provided to ensure continuous pedestrian access throughout the Marina.*

*6. **Parcels 64, 112 and 113**. Waterfront pedestrian access, on-site public parks adjacent to main channel and public access along all roads shall be provided on parcels 64, 112 and 113 in conjunction with any development that increases intensity of use of the site. These access improvements shall include a small waterfront viewing park of not less than 500 square feet which may be on platform over the bulkhead on parcels 112 and 113. Such access shall connect to access ways on adjacent parcels to assure continuous pedestrian access throughout the Marina. Adequate parking for public viewing of Main Channel activity shall be incorporated (see Phase II land use proposals in Chapter 8, Land Use).*

The LCP Implementation Plan provides:

22.46.1150 Shoreline accessways.
The following provisions pertain to shoreline accessways which are dedicated or otherwise guaranteed in conformance with the requirements of this Specific Plan and for which a public agency or private association, approved by the Executive Director, has accepted the responsibility for construction, maintenance and liability of said accessways:
A. Vertical access easements shall be combined with the fire department required vertical access and shall be at least 28 feet in width and shall run from the shoreline to the nearest roadway available for public use. Lateral access easements shall extend as required for the individual parcel in this Specific Plan. No development shall reduce existing access, formal or informal.

In addition, standards for Development Zones 1-12 require:
A continuous 28-foot-wide pedestrian promenade shall be provided and maintained along all bulkheads. Seating and landscaping shall be provided along the bulkheads consistent with Section 22.46.1060 of this Specific Plan.

And,
22.46.1110. B. In Marina del Rey, all land is owned by the county of Los Angeles and all leaseholders hold leases subject to an obligation to provide for active public use, and maximum public enjoyment of the public recreational land. Private rights have been granted by contracts, which in some cases limit public use of the parcels. Existing public accessways are identified in Existing Shoreline Access Map (Map 2) of this Specific Plan (see Map 2 at the end of Part 3 of this chapter), and it is the policy of the county that all development preserve existing access to the Marina, to its bulkhead walkways and to its waters. Where development will increase the numbers of residents or guests on the parcel, this Specific Plan identifies additional bulkhead access and identifies that a public access corridor or other public accommodations in that location would benefit the public, said additional access, including vertical access, shall be guaranteed by the leaseholder of that parcel pursuant to subsection A of this section.

In addition, the LCP ordinances Sections 22.46.1950 and 22.46.1979 also require mitigation for the impacts of new residential development on the regional recreational resources of the Marina and adjacent beaches by requiring a per unit payment to a

Coastal Improvement Fund to fund development of new park facilities specifically on Parcel FF and Parcel P. The LCP requires this mitigation because additional residential development will place a burden on the regional recreational resources of the Marina and adjacent areas as new residents utilize these resources to fulfill local recreation needs. Creation and improvement of new park lands and public access areas to serve the new residential population will mitigate the adverse impacts of additional residential development on regional facilities.

Despite the deficit of open space areas, in certifying the updated LCP in 1996, the Commission found that the additional park lands planned in the LCP were sufficient to ensure consistency with the Coastal Act. The LCP includes provisions to use Coastal Improvement Funds to improve additional park areas (Parcel FF, Parcel P) but acknowledges a deficit of 1.9 acres. However, the LCP policies appear to address new development and not any previous deficit from existing development prior to 1996.

In 1982, the LUP submitted for certification identified 8.75 miles (78%) of 11.25 miles of shoreline as open to public and noted access was restricted over a total of 2.5 miles bordering several apartments, boat storage areas and yacht clubs. [75]

The LCP policies ensure maximum shoreline access through requirements for development of a continuous promenade and an increase in public parks, and generally require new access when development will increase the number of residents or guests. The County started issuing permits in 1990 and review of County actions on coastal development permits indicates that shoreline access requirements have been implemented in most large-scale new development projects. The Commission reviewed 9 permits issued since update of the LCP in 1996 but also reviewed earlier projects to determine the extent to which public access is being enhanced as development occurs in the Marina under a certified LCP.

As noted in Table 11, of the 11 County issued local coastal permits for waterfront development since 1990, 4 were for minor additions to existing waterfront development, one was for seawall repairs and one for dock reconstruction for charter boat service. Five permits were for waterfront projects that redeveloped and expanded residential or visitor uses and, of those, 3 included shoreline access in the project or were conditioned to require the development of the public access promenade. In only one case was public access an issue in a Commission appeal and shoreline access implementation assured through conditions on the appeal. Other projects reviewed b y the County were for parcels that did not front the waters of the marina where lateral and vertical access were not raised as issues.

In addition, County implementation of the LCP resulted in provision of new public open space parks on Parcels 111 and 112 and County development of open space areas on Parcel 51. (See Exhibit 9 Local Coastal Permits approved with Public Access). In addition, the County has sought to increase public access by implementing the “Marina Coast Link,”

[75] County of Los Angeles, Proposed LUP pg. II-3.

a Water Shuttle that transports visitors to major recreational points throughout the Marina. The County reported that this shuttle carried about 13,000 riders in 2004. However, because the service charges a fee, it provides access for the occasional marina visitor rather than for ongoing pedestrian access.

However, on five development projects since 1990, no access was required by the County. It appears these five cases were for minor additions or reconstructions, and none of the five were appealed to the Commission. In addition, the County issued two permits for more extensive additions and redevelopment of boat storage and repair facilities where shoreline access was not provided due to pedestrian safety concerns.

Table 11: Local Permits and Access Requirements

Local Permit	Applicant	Parcel	Description	Access Findings/ Conditions	Coastal Improvement Fund	Appeal	CCC Action
00-39	Epstein	111	Remodel Existing Apartments (No Increase in D.U.'s)	8ft wide promenade and 4500 sf waterfront park required	Yes	A-5-MDR-00-472	Approved with Conditions
		112	120 D.U.s Net Decrease in boat slips office demolition	8ft wide promenade and 4500 sf waterfront park required	Yes		
98-134	Ring	12	Net Increase of 282 D.U.'s 35 Senior Apartments Net Decrease of 3.6 KSF Retail Net Decrease of 237 Slips	28 ft promenade in submitted project	Yes	A-5-MDR-01-014	NSI
		15	Net Increase of 250 D.U.'s, 47 Senior Apartments Net Decrease of 41 Slips Demolish 4.4 KSF Restaurant 8 KSF Retail	28 ft promenade in submitted project	Yes	A-5-MDR-01-014	
91-329	Goldrich& Kest	18	68 D.U.'s 60 Congregate Care Units	Applicant shall take measures to provide uninterrupted public access of the harbor	Yes	A-5-MDR-95-017	Approved with Access Conditions to assure revised plans to show walkway and permanent protection
98-172	Goldrich& Kest	20	99 D.U.'s, Net Increase of 6.94 KSF Retail Transfer of 97 D.U.'s from DZ1 to DZ4	28 ft promenade in submitted project	Yes	A-5-MDR-00-478	NSI
96-169	LA Co.	40	Library Expansion - 2,454 S.F.	Revised plans for access and bike path	No		
03-029	Pashaie	140	Net Increase of 115 D.U.'s	Not waterfront site but "Marina Entry" Design Treatment in project	No		
03-030	Pashaie	95,LLS	11.4 KSF Net Retail Increase, 288 Rest. Seats, 1.3 KSF reduction in office	Not waterfront site			
02-277	Pashaie	97	450 s.f. net retail increase	Not waterfront site; but includes "Marina Entry" Feature			
95-053	Marina Pacific Assoc.	111T	restrooms & showers w/ disability access	access provided though permit 00-39	No		
91-216	Winward Yacht	54	New shop and restroom for existing boat repair yard	no access required for reasons of pedestrian safety; view access available in adjacent parking lot	No		
91-083	Aggie Cal Yacht	53	construct dry boat storage; open boat yard sales and service	no access required for reasons of pedestrian safety; view access available in adjacent parking lot	No		
91-246	Ring	18 and 150	Repair seawall	no access required	no		
94-150	Fantasea	Adj to N	Reconstruct dock for charter service	no access required	no	A-5-MDR-95-189	Approved with conditions to protect use of beach parking lot
93-128	Cal Yacht	132	Replace portable classroom in parking lot	no access required	no		

Access Policy 1 of the LCP requires that public access to the shoreline and public safety be balanced. Ordinances section 22.46.1160 notes in part that:

> *A. Public access may be restricted in certain locations around the Marina, such as in front of the sheriff's station and near launch hoists, in the interest of pedestrian safety. Necessary restrictions and management may consist of, but are not limited to, the following:*
> *-- Construction of fences, guardrails or other barriers to prevent the public from entering areas where hazardous activity is occurring;*
> *-- Limiting public access to certain hours of the day or days of the week when hazardous activities are not in operation;*
> *-- Posting of warning signs which notify the public of potential safety hazards;*
> *-- Relocation of the public access to ensure pedestrian safety.*

The Commission action certifying the updated LCP identified concerns about ensuring the balance between access and pedestrian safety and the County accepted suggested changes to the LCP language to address this concern. The Commission found:

> *The Commission finds that there is a strong demand for increased public access to and public use of coastal resources in the Los Angeles area, and that the existing Marina provides a well-developed public shoreline access system. However, the Commission also finds that public awareness of all shoreline access areas presently available in the Marina should be increased. The Commission further finds that additional access amenities, such as benches and rest areas, should be provided and that if public access is interrupted due to a safety hazard, an alternate access route must be provided.* [76]

Commission findings also noted that the LCP Policy 1-3 required that all development adjacent to the bulkhead in the existing Marina shall provide pedestrian accessways, benches, and rest areas along the bulkhead. As modified, the LCP would ensure that access amenities such as benches and rest areas and land to accommodate them are provided along the bulkhead to improve access and to mitigate the development's impact on public access and would significantly increase the public use and enjoyment of the shoreline. [77]

However, from review of local permit findings, it is not clear that the County fully addressed possible alternatives for providing public access within commercial uses that are anticipated in the LCP ordinance Section 22.46.1160. While the County found a shoreline promenade could not be located and designed in a manner to adequately provide safe pedestrian access through these marine commercial areas, the permit findings did not discuss alternative means to maximize and enhance public access nor was the permit conditioned to provide other alternative routes. The findings appear to rely on adjacent

[76] . CCC Revised Findings LCPA 1-94, January 25, 1996, p. 26.

[77] CCC Revised Findings LCPA 1-94, January 25, 1996, p. 27

access and view corridors available in an adjacent parking lot. Further, there are locations in the Marina where the public has reported that shoreline access connecting major visitor facilities is restricted by locked gates at private facilities and pedestrian access is forced through parking lots or roadways with no directional signage. Implementation of the LCP must assure that, in consideration of any potential access restrictions, priority is given to assuring shoreline access along the waterfront unless no feasible alternatives are possible.

California Coastal Trail

Since LCP approval, new requirements for development of the California Coastal Trail (CCT) have been established. In 1999, the national importance of the California Coastal Trail was recognized by its designation under a federal program as California's Legacy Millennium Trail, a part of the nationwide Millennium Trail. In 2001, legislation was enacted that directed the State Coastal Conservancy to map the California Coastal Trail along California's 1,100-mile shoreline, and develop a report evaluating policy issues regarding trail development with recommendations regarding priority actions necessary to complete the trail. In January 2003, the report was finished and outlined the main objectives in completing the CCT [78]:

1. Provide a continuous trail as close to the ocean as possible, with vertical access connections at appropriate intervals and sufficient transportation access to encourage public use.
2. Foster cooperation between State, Local, and Federal public agencies in the planning, design, signing and implementation of the Coastal Trail.
3. Increase public awareness of the costs and benefits associated with completion of the Coastal Trail.
4. Assure that the location and design of the Coastal Trail is consistent with the policies of the California Coastal Act and Local Coastal Programs, and is respectful of the rights of private landowners.
5. Design the California Coastal Trail to provide a valuable experience for the user by protecting the natural environment and cultural resources while providing public access to beaches, scenic vistas wildlife viewing areas, recreational or interpretive facilities, and other points of interest.
6. Create linkages to other trail systems and to units of the State Park system, and use the Coastal Trail system to increase accessibility to coastal resources from urban population centers.

The California Coastal Trail (CCT) is being developed to provide a continuous hiking trail along the entire length of the California coast. In addition, the CCT in some places will coincide with other multi-modal trails that will provide expanded types of access (such as wheelchair and bicycle, etc., in addition to hiking). To provide optimal coastal access, the CCT would be located along the shoreline as much as possible, with alternate inland routes where available and other inland alignments where necessary.

[78] State Coastal Conservancy, *Completing the California Coastal Trail*, Jan 2003, p.8-9

The report on completing the California Coastal Trail recommended specifically for Marina del Rey [79]:

> *4. Extend the pedestrian/bicycle path from Washington Street to the north jetty of Marina del Rey, and support the seasonal ferry service for pedestrians and cyclists across the channel to Playa del Rey.*

The County has made improvements to the bicycle path (for example, in improving its location in project to expand the Library) and the development of the Marina promenade could also be a significant part of that trail. While the development of the Marina Promenade will be a significant contribution to the Marina as a visitor destination, the County should update the Access component to help integrate future efforts to implement the Coastal Trail. An update could include measures such as coordinating adequate signage and identifying upcoast and downcoast connections to maximize access for trail walkers to connect to the shoreline. The current pedestrian access in the marina is often through developed facilities such as parking lots and inland sites away from the water and access through residential areas may not be evident to through walkers on the trail.

Conformance with Coastal Act

As noted, the Coastal Act has strong policies to maximize public access to and along the shoreline. As implemented, the County has assured development of new and enhanced access to and along the waterfront in major redevelopment projects in conformity with the policies of the Coastal Act. And, through other public amenities such as the Water Shuttle, the County is maximizing visitor opportunities in the Marina.

But, given the emphasis in the LCP on development of shoreline access to the public lands and waters of the Marina, even minor additions and reconstructions may conflict with those LCP policies by resulting in continuation of developments that may be sited and designed in a way that inhibits enhanced shoreline access. Under the LCP,existing development may incrementally improve facilities without complete redevelopment and thus may never trigger shoreline access requirements. While such minor projects may not result in public access impacts sufficient to require development of the 28 ft promenade or park developments, the continued minor expansions and remodels of waterfront properties may continue to inhibit maximum shoreline access to this publicly owned harbor. The LUP should address this gap in access mitigation requirements and include measures to enhance public access in minor projects in order to ensure that the LCP will be effectively implemented in full conformity with policies of the Coastal Act. The LCP should consider policy and ordinance revisions to require alternative access mitigation requirements for minor expansions and remodels. Such mitigation could include things such as removal of gates or fencing that may discourage public shoreline access or improved signage, or provision of benches and view areas or other public amenities.

In addition, in two cases, waterfront marine and commercial boating facilities were approved for continued use and expansion with no provisions for mitigating impacts to

[79] State Coastal Conservancy, *Completing the California Coastal Trail*, Jan 2003 p. 52

access or enhancing shoreline access in these areas. While neither the Commission nor other parties filed appeals on these cases, these cases raise some concern when viewed cumulatively. There are 14 parcels in the Marina designated for Marina Commercial or Boat Storage uses which may raise such public access conflicts in future project proposals. [80] Absent some alternative ways to buffer public access and marine activities in the siting and design of commercial development, there will be areas where continuous shoreline access will not be available to the public. In order to assure maximum public access, the LCP should allow access to be restricted only in the event no siting and design alternatives are available that would provide access and then only if other alternative access mitigation and enhancements are provided. If access is not required due to pedestrian safety issues as the certified LCP anticipates, alternatives that would improve public amenities as an alternative to promenade development should be considered. There is no information in the County findings to indicate such alternatives were considered. Recommendations 28 and 29 suggest updating of the LCP to ensure consideration of feasible access alternatives in conformity with the Coastal Act.

While the LCP proposes to maximize access through development of a continuous shoreline promenade, the LCP should reflect more current information regarding implementation of the California Coastal Trail. Consideration of implementation of the CCT may result in changes to the LCP access component to more clearly identify and develop Marina related CCT trail components, connections and signage. As suggested in Recommendation 30, the Public Access Component of the LCP should be updated to incorporate these new CCT considerations in order to maximize public access in conformity with the Coastal Act.

Since certification, the County has made significant progress implementing public access improvements in the Marina and in review of major redevelopment has effectively implemented the LCP provisions to develop a continuous waterfront accessway. However, implementation of the LCP resulted in some gaps that could result in cumulative limitations on shoreline access. If modified as suggested in Recommendations 30 , the LCP will contain more up to date access and trail considerations and will be designed to be implemented to maximize public access in conformity with the Coastal Act.

2. Parking Access

The certified LCP recognizes that the availability of adequate parking is essential to the provision of adequate public access and recreation. Available parking near visitor areas such as Mother's Beach is heavily used during summer weekends with overflow parking demand met by more remote lots. In addition, some existing parking supports beach access and beach launch of smaller personal watercraft such as canoes and kayaks. Public parking, while not free, has fees that have intentionally been kept low so as not to exclude or discourage recreational use. Leaseholds are required to provide onsite parking for their uses butit has been noted that, in some areas, apartments and boat slips compete for a common pool of parking.

[80] LA County, Marina del Rey Briefing Book, Land Use Survey, Parcels 1,21,30,41,44,47,53,54,55,65,71,91,132,UR.

Currently, a boat launch with 466 parking spaces is available off Admiralty Way (Parcel 49R). And parking lots adjacent to Mother's Beach provide a total of 659 spaces for beach use and to facilitate small watercraft launches from Mother's Beach (Parcels NR, IR and GR).

The 1996 LCP identified 17 public parking lots with 3,138 public spaces. [81] In the 2002 Land Use Survey, the County identified 16 public parking lots with 3081 public spaces, a change of 57 spaces in the overall reservoir of public parking.

Table 12: Public Parking in 1996 and 2002

Parcel	1996	2002	Location
W	483	442	Fisherman's Village
49R	466	456	Launch Ramp
49M	124	145	Overflow Chace Park/Marina shopping Center
UR	240	233	Overflow MdR Hotel/Other
SS	115	115	Admiralty Park-Turf
Q	118	120	Admiralty Park-Paved
OT	186	183	Overflow –Beach, Int'l Hotel, Other
N	191	186	Beach - Overflow
IR	216	209	Beach
GR	264	266	Beach - Overflow
FF	207	206	Overview – Pierview Cafe
3	140	140	Channel Vista - Overflow
A	60	59	Channel Vista
LLS	10	parking supports adjacent commercial	
EE	60	62	Chace Park
83	13	20	
52	245	239	Temporary Parking
Total	**3,138**	**3081**	

LCP Implementation

The LCP requires protection of parking for recreational uses including boating. It implements parking requirements through issuance of parking permits and ensures parking is provided in new development:

> *LUP A.2.e.6. All development, including redevelopment, expansion projects or new construction, shall be subject to the applicable parking requirements set forth in Los Angeles County Code, Title 22 (Zoning), as certified by the Commission in Appendix B of the LIP Specific Plan. In addition, public recreation areas shall be supported with visible public parking, consistent with the standards of Title 22, except that boat launch, boat storage, and marina parking and design shall be provided as specified in the Dept. of Beaches and Harbors' Specifications and Minimum Standards of Architectural Treatment and Construction, adopted in 1989.*

[81] LUP Figure 3 County Owned Public Parking Lots P. 2-6.

LUP A.2.e.9. Public parking lots shall not be assigned to, nor allocated for use by private leasehold uses for the purposes of satisfying parking requirements for such private uses. All private uses shall satisfy their parking requirements on site. Parking agreements that predate the California Coastal Act, or which have been incorporated into a coastal development permit vested prior to LCP certification shall be exempt from this requirement.

Ordinance 22.46.1060.C.3.
3. Development on the landside of parcels on which the waterside has been identified for additional slips under the "funnel concept" shall be evaluated with respect to the parking needs of the future slips. Land side development shall not preclude provision of parking for the future slips called out in this Specific Plan. Projects which include the development of parking garages or increased lot coverage shall provide the spaces for the slips as part of the development project.

Policies emphasize the importance the location of parking plays in maximizing recreational use of the Marina. The LCP policies ensure that all new development will provide parking and public access on site and that new development does not diminish the supply of existing public parking, and that parking will be located convenient to the new development.

8. Public parking lots shall be provided in locations convenient to key visitor attractions in the Marina. The lots shall feature adequate locational signage and publicity. If parking fees are charged, parking fees shall be kept low so that the general public may use the Marina facilities for free or at nominal rates.

16. All new development shall provide visitor, public access and guest parking on site. Park and access areas shall be served by convenient and appropriate public parking.

The LCP also anticipates some conversion of public parking lots with a total parking capacity of 638 spaces) but requires replacement of spaces.

LUP A.2.e.12. No designated public parking areas, including, but not limited to Lots OT, UR or FF shall be converted to uses other than public parking or public park purposes. Parking spaces lost as a result of conversion of public parking areas to public park uses, shall be replaced on a 0.5:1 basis, either on-site or elsewhere in the Marina.

The LCP Policies 13, 14 and 15 also facilitate multiuse facilities in office and commercial development with public parking available during times when such commercial facilities may not be in heavy use. Peripheral parking to facilitate a shuttle service is required.

In approving the update of the LCP in 1996 (LCPA 1-94), the Commission findings acknowledged that some existing Marina uses were affecting public parking and required that public parking be protected. The Commission found that the conversion of public

parking areas to other uses would adversely affect public access. In approving suggested modifications, it found that several parking areas should not be converted to other uses.

As noted in Table 13, in approving landside coastal development permits, including for projects that include dock reconstruction, the County required issuance of special parking permits and included conditions on the coastal permit to assure provision of parking for onsite and boater uses. In only one permit did the County allow a reduction in required parking. However, in three cases, the Commission appealed the County actions with implementation of LCP parking requirements a Substantial Issue in all three.

Table 13: Local Permits and Parking Actions

Local Permit	Applicant	Parcel	Description	Existing Parking	Parking Changes/Findings/Conditions adopted by County	CCC Appeal Action
00-39	Epstein	111	Remodel Existing Apartments (No Increase in D.U.'s)		299 garage spaces provided; Conditions require alternative transportation TSM/TDM program.	A-5-MDR-00-472 Approved with Conditions to maintain boater parking and develop parking plans
		112	120 D.U.s Net Decrease in boat slips office demolition		10 spaces for public park use required	
98-134	Ring	12	Net Increase of 282 D.U.'s 35 Senior Apartments Net Decrease of 3.6 KSF Retail Net Decrease of 237 Slips		2,240 garage spaces proposed meets parking requirements and boater needs in excess of standards	A-5-MDR-01-014 NSI
		15	Net Increase of 250 D.U.'s, 47 Senior Apartments Net Decrease of 41 Slips Demolish 4.4 KSF Restaurant 8 KSF Retail		2,240 garage spaces proposed meets parking requirements and boater needs in excess of standards	A-5-MDR-01-014 NSI
91-329	Goldrich& Kest	18	68 D.U.'s 60 Congregate Care Units	site nonconforming as to parking; 778 existing; deficient 40 spaces	246 additional spaces required that will result in deficiency of 13 spaces for existing and proposed uses.	A-5-MDR-95-017 Approved with Conditions; revised parking plans and parking management plan for 797 total required parking spaces
98-172	Goldrich& Kest	20	99 D.U.'s, Net Increase of 6.94 KSF Retail Transfer of 97 D.U.'s from DZ1 to DZ4		431 spaces and temp. offsite replacement for existing slips for boaters and yacht club multiuse of yacht club parking required; boating spaces protected;	A-5-MDR-00-478 NSI
96-169	LA Co.	40	Library Expansion - 2,454 S.F.		39 spaces	
03-029	Pashaie	140	Net Increase of 115 D.U.'s			
03-030	Pashaie	95,LLS	11.4 KSF Net Retail Increase, 288 Rest. Seats, 1.3 KSF reduction in office			
02-277	Pashaie	97	450 s.f. net retail increase		Parking permit allows 10% reduction in parking requirements from 114 to 103. Multi-use parking not feasible due to retail hours. Findings rely on employee transportation incentive program.	
95-053	Marina Pacific Assoc.	111T	restrooms & showers w/ disability access	parking facilities existing	new additional handicap parking space	
91-216	Winward Yacht	54	New shop and restroom for existing boat repair yard.	106 parking spaces currently exist. This is 10 spaces in excess of number of spaces required for existing and planned uses.	Project encloses an open area thus no increased parking demand; project unrelated to multi-use parking requirements	
91-083	Aggie Cal Yacht	53	construct dry boat storage; open boat yard sales and service	167 existing parking spaces	Parking unchanged by project. no increased parking demand; unrelated to multi-use parking req'ts.	
91-246	Ring	18 and 150	Repair seawall		N/A	
94-150	Fantasea	Adj to N	reconstruct dock for charter service		no onsite parking provided; Lot N offsite parking proposed	A5-MDR-95-189 Approved with Condition to protect beach parking.
93-128	Cal Yacht	132	Replace portable classroom in		no change	

Protection of public parking, especially parking for boating users, was a substantial issue in three of the 5 appeals of County issued permits. [82] In these appeals, the landside development was reviewed separately from future review of waterside development which was under Commission jurisdiction. As a result, the Commission found in these appeals that the projects did not fully conform to LCP policies to protect parking for recreational boating.

For example, in the appeal on Parcel 18R, the Commission found that the project was deficient in parking for existing and proposed uses, including deficiencies in parking to support additional boat slips and conditioned development to provide plans for development and management of parking. In all three appeals, the Commission adopted conditions to assure that through parking plans and revised project plans, landside development did not preclude the ability to provide adequate boater parking to accommodate future dock reconstruction.

In the appeal of development on Parcels 111 and 112, the Commission found that treating the rehabilitation of existing older structures that were nonconforming as to parking as being exempt from permit requirements would perpetuate the parking deficiencies. The Commission also found that the project could preclude the ability to provide adequate parking for future boat slip development. Conditions were required for revised plans to assure protection of adequate parking for boat slip development. Concern was expressed that approving landside development in a manner than precludes additional parking to support existing boating use could result in a future reduction in boat slips or a continued parking deficiency. The Commission also found that additional public parking was required in order to provide adequate public access to the proposed public promenade.

In the appeal of development of a charter boat service on Admiralty Way Basin E, the Commission found that the LCP did not contain adequate parking standards for the proposed use, and that allocation of existing parking spaces in a public lot was insufficient to provide access for all multiple uses of the lot and would create conflict with parking allocated for users of Mother's Beach. It conditioned the project to develop a parking management plan that directed charter users to different offsite parking during peak periods.

In these appeals, the Commission also expressed concern with the cumulative effect of issuance of County required parking permits for older developments that were approved under different standards, for projects with senior or affordable housing, road improvements that reduce parking, and rehabilitation of structures nonconforming as to parking.

Parking evaluation also needs to consider the increased visitor use that will likely result from redevelopment of the Marina under the LCP. The LCP and subsequent amendment outlines a strategy for encouraging, updating and redeveloping of the marina facilities, including development of a waterfront promenade, an increase in park and open space areas and redevelopment of visitor facilities. The County is also participating in efforts to

[82] A5-MDR-95-017 (Dolphin Marina); A5-MDR-00-472 (Marina Pacific); A5-MDR-95-189 (Fantasea);

improve water quality conditions in order to maximize recreational use of the beach area. The LCP found that expanded parking capacity is needed for shoreline access in high use areas and adherence to parking standards will be necessary to maintain adequate parking and replacement parking standards are included in the LCP. [83] In some cases the County did require additional public parking to address new park and promenade facilities. [84]

Conformance with Coastal Act

Provisions of adequate parking and transportation alternatives is an important component to maximizing access to the shoreline as required by Coastal Act Sections 30210, 30223 and 30252(4). Review of County approvals indicated that while additional public parking was often provided consistent with the LCP, in assessing parking demands and needs, the County did not always factor in potential needs generated by future dock reconstructions. In addition, when they did, the Commission found the analysis would prejudice the ability to consider the future boat dock reconstruction. The Commission action on appeals required parking plans and management plans to assure that adequate land area was available to accommodate any future boat parking need in redevelopment of the waterside projects, especially where existing uses were already deficient in parking.

In addition, location of parking is critical to maximize recreational boating activities in the Marina that rely on launching smaller personal watercraft. Parking in immediate proximity to the beach and designated public docks for small craft is important in maximizing small watercraft use. The County in a recent permit action has taken steps to provide dock facilities intended to increased small craft use. [85] By facilitating personal watercraft launching for recreational users that do not rent slips, affordable recreation can be protected and encouraged consistent with Section 30213 of the Coastal Act. Protecting parking for such uses is also an important component.

The Commission appeals together point toward concern with cumulative effects of incremental buildout of landside development separate from consideration of marina reconstruction and the long term effect on the overall amount of public parking and boater support parking. To protect and provide maximum public access and recreational opportunities, it is essential to ensure that boating and recreational access parking remains available for boater use. Parking deficiencies as the Marina redevelops can result in reduced access or reductions in boating slips. As public parking has slightly declined in the Marina, the long term protection of available parking and provisions of adequate parking for all uses in redevelopment is necessary to fully carry out the LCP in conformity with the Coastal Act access policies. The Recommendations 31 and 32 suggest changes in LCP policies and ordinances to assure that cumulative parking needs are protected in all new development.

[83] LCP pp 2-6 and 2-7
[84] Local permits 00-39; 98-134; 95-053
[85] CCC permit 5-04-200 (LA County Beaches and Harbors).

3. View Access

The LCP Policy A. 1(e)(14) identifies the protection and enhancement of waterfront viewing areas as a means to maximize public access to the shoreline. Waterfront development is to provide "windows to the water" wherever possible. Development adjacent to the Main Channel --particularly visitor serving commercial development -- is to provide additional opportunities and vantage points for public viewing of boating activities. In addition, all development including redevelopment and intensification on waterfront parcels is to provide an unobstructed view corridor of no less than 20% of the parcel's waterfront. Implementation of the policies is accomplished in part through the Design Review process. As part of the LCP, the Commission certified portions of the Specifications and Minimum Standards of Architectural Treatment and Construction (1989) as Appendix C of the LCP. The provisions of this Appendix C required that the Design Control Board approve development. Public view protection and provision as well as shoreline access, parking and landscaping provisions are carried out through this process. Since the LCP update, the Standards of Architectural Treatment and Construction have been revised yet have not yet been incorporated into the LCP.

LCP Implementation

In the 14 permits issued by the County since certification, 11 were for waterfront development. In general, the permit actions prior to the 1996 update did not always address protection and enhancement of public views in conjunction with the project. In two cases for boat repair development, findings indicated views were screened for aesthetic and safety reasons and views were available on adjacent parking areas. These two cases did not contain a review of possible alternatives for siting and design in a manner that may protect and enhance views to the water. Other findings merely stated the projects conformed to access and view policies. However, in more recent actions and in projects that involved major redevelopment, the County has fully implemented view protection policies of the LCP. For example, of the waterfront permits issued by the County since 1996, only 4 permits involved major waterfront redevelopment or expansion. [86] In the Library expansion, revised plans were required to provide for the public accessway and bike path and view blockage was avoided. View corridors of 21% and 28% were ensured in project design for Marina Pacific and Goldrich & Kest, respectively. Findings for Marina Two Holding indicated conformance with view corridor policies. In Commission appeals, only one appeal raised a substantial issue regarding implementation of view policies. The appeal of a 1995 permit (91-329 Dolphin Marina) noted the project proposed view corridors of 40% but found that such views were not protected because they were not shown on approved plans. The Commission adopted conditions to require that corridors be shown on revised plans.

[86] Local permits 96-169 (LA Co); 00-39 (Marina Pacific); 98-172 (Goldrich & Kest); 98-134 (Marina Two Holding);

Conformance with Coastal Act

Coastal Act Section 30251 requires that scenic and visual qualities of the coastal areas shall be considered and protected as a resource of public importance and development shall be sited and designed to protect views to and along the ocean and scenic coastal areas. Views of the open channels and boating facilities of the Marina provide a significant public access resource. Not only are the public views to coastal waters and of marina activities in and of themselves a major resource for the public, such views are needed in order to maximize public access to the walkways and parks of the marina. To maximize waterfront pedestrian access, use of pocket parks and other amenities, the public visiting the Marina needs to be able to see the water channels, boat masts and park and recreation areas. View corridors among the developed residential and commercial buildings of the Marina are essential to maximizing public access consistent with the Coastal Act Sections 30252 and the public access policies of the Act. Review of County approvals indicates that the County implemented LCP requirements to provide for adequate view corridors in reviewing major development and redevelopment and public views have been enhanced in the Marina in conformity with Coastal Act policies.

However, the County has made some changes to the design standards contained in Specifications and Minimum Standards of Architectural Treatment and Construction. Some of the changes may be relevant to ensuring maximum access and protection of public view. Because they have not yet been submitted as an LCP amendment, they are not in force. Incorporation of applicable revisions to the Standards of Architectural Treatment and Construction will help ensure that public views and scenic resources will be protected in conformity with Coastal Act policies. Such revisions are included in Recommendation 33.

4. Transit/Shuttle Access

The certified LCP recognized that in order to maximize public access, measures must be taken to increase alternative transportation to the Marina recreational areas and accessways. To that end, the LCP included specific policies to implement shuttle access. LUP Policy A.1. (e)(10), (11) and (12) require:

> *10. All development projects, including hotel, office, commercial and residential redevelopment in the Marina, that contain more than 75 parking spaces shall be designed to incorporate turn out area(s) for future shuttle stops and/or transit stops.*
>
> *11. To further insure improved coastal access, a shuttle bus system shall be established to serve Marina del Rey with connecting service to nearby park-and-ride lots, parks, and local beaches in Venice and Playa del Rey. All new visitor serving commercial, hotels, and residential development in Marina del Rey shall, as a condition of development, agree to participate in their proportionate share of the cost of running the shuttle system.*

12. Shuttle Bus Funding, Funds to assist in the establishment of a public shuttle service in the Marina may be obtained as part of Category 3 developer mitigation fees (see Chapter Circulation, policy no. 4).

The implementation ordinances provide:

22.46.1100(C0 (2). Implementation of a shuttle bus system and water taxi service would enhance public access to the Marina area and reduce impacts of residential, commercial and hotel development on access facilities, including impacts on both marina facilities and nearby beaches attributable to the growing Marina/Playa Vista population. The Marina del Rey Traffic Study (1991) suggested that a shuttle system would be most efficient and cost-effective if implemented in conjunction with a light rail transit system. A shuttle system is not required for traffic mitigation but can be established in conjunction with developments in and around the Marina. As a condition of recycling or development of new residential, hotel or commercial development accommodating more than 75 cars, shuttle stops shall be incorporated into project designs. As part of any lease extension, lessees shall agree to pay their fair and reasonable share of implementing the shuttle system at such time a system is established in adjoining County areas, as long as such share is reasonably related to the impacts of their proposed development upon the nearby beach parking and recreational traffic system. Additionally, potential exists for construction of water taxi stops and ferry terminal sites at various sites on the Marina waterfront.

LCP Implementation

The County has successfully implemented a pilot Water Shuttle throughout the Marina as a means of increasing recreational access to the marina areas. In addition to offering alternative access, this water shuttle itself offers a lower cost recreational experience in the Marina. For a small fee, visitors can enjoy the marina waters while shuttling to visiting various commercial and recreational sites.

However, review of the applicable permits issued by the County has shown less success in providing for landside transit improvements. Although ordinances Section 22.46.1100(C)(2) requires that turnouts be " incorporated into project design", County findings give no indication such measures were incorporated. While Design Review was consistently required in all applicable permits, it does not appear that required shuttle turnout areas were specifically included in approved permits. Only 2 of the 8 permits that authorized commercial hotel or residential development specifically address the turnout requirement, and those 2 did not fully implement Policy 10 because such turnouts were discretionary. In these two permits, the County found, "If required by the Department of Public Works, bus turns outs will be required for future bus shuttle…" [87] It also does not appear specific conditions were required to ensure participation in implementation of the shuttle as required by LUP Policy 11.

[87] Local permits 03-029 and 03-030

Conformance with Coastal Act

In certifying the LCP the Commission found a new policy to maximize shuttle use was needed. The Commission found:

> *A new Policy 1-10 is added to require that all large development providing more than 75 parking spaces shall also provide for shuttle/transit stops. This modification is necessary to ensure that any future shuttle/transit system which is implemented in the County will be able to adequately service existing and new development, including the residential community, and will provide the Marina with an alternative mode of transportation. This new policy will decrease traffic congestion and promote efficient traffic circulation in the Marina, thereby allowing more people convenient access to the waterfront area.*

In implementing the LCP, the County does not appear to have carried out this requirement in site plan review. In two cases where the provision of turnouts was specifically addressed, the provisions of turnouts were made discretionary by DPW review. In order to assure maximum public access, the County should require that such turnouts be shown on approved project plans. Modification to the LCP to require project plans to include such turns outs as suggested in Recommendation 34 will ensure that the LCP is being implemented in conformity with the Access policies of the Coastal Act. While ordinance language seems clear in the requirement, Recommendation 34 would enhance the language in filing requirements to reinforce that project plans must include such facilities.

8. Environmentally Sensitive Habitat Areas

A. Overview

The terrestrial areas adjacent to the Marina are developed with a variety of commercial residential and recreational uses. Open spaces include: landscaped areas of development parcels, parks and open space areas, the Oxford Slough flood control basin. Only one vacant parcel remains in the marina (Parcel 9U). Adjacent to the marina are wetlands areas at the 112 acre “Area A”, in the City of Los Angeles and the Ballona wetlands and lagoon. The California Resource Guide notes the adjacent Ballona wetlands, including the Area A, serves as a refuge for migratory birds, provides a breeding habitat for endangered species and offer recreation and open space.[88] (Marine resources are discussed in Section 3 of this report).

B. Policy Framework

Coastal Act

One of the primary objectives of the California Coastal Act is to preserve, protect, and enhance environmentally sensitive habitat areas (ESHA). Section 30107.5 of the Coastal Act defines an “Environmentally sensitive area” as:

[88] California Coastal Commission, *California Coastal Resource Guide*,1987, p. 297.

> *Any area in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which could be easily disturbed or degraded by human activities and developments.*

Following this definition, the main provisions of Chapter 3 of the Coastal Act that provide statewide policies for protecting ESHA include Sections 30240, 30233, 30250a. 30230 and 30231. Section 30240 outlines how ESHA is to be protected. It states:

> *(a) Environmentally sensitive habitat areas shall be protected against any significant disruption of habitat values, and only uses dependent on those resources shall be allowed within those areas.*
> *(b) Development in areas adjacent to environmentally sensitive habitat areas and parks and recreation areas shall be sited and designed to prevent impacts which would significantly degrade those areas, and shall be compatible with the continuance of those habitat and recreation areas.*

Section 30233 requires, in part, that the diking, filling, or dredging of coastal waters, wetlands, estuaries and lakes is limited to specific purposes, and permitted only where there is no feasible less environmentally damaging alternative, and where feasible mitigation measures have been provided to minimize adverse environmental effects.

Section 30250a directs new residential, commercial, or industrial development to existing developed areas. Where developed areas cannot accommodate new development, is to be located in other areas where it will not have significant adverse effects, either individually or cumulatively, on coastal resources.

Recognizing that these policies have the potential to conflict with other goals of the Coastal Act, such as maximizing public access and recreation opportunities, increasing recreational boating, and protecting the public from flooding hazards, the Coastal Act provides that the provision of maximum public access and recreation opportunities must be consistent with protecting natural resource areas from overuse and must take into account the fragility of natural resources (Sections 30210 and 30214).

Section 30231 provides that the biological productivity of coastal waters, streams, wetlands, estuaries, and lakes must be maintained and, where feasible, restored. This is to be achieved by, among other means: minimizing adverse effects of wastewater discharges and entrainment; controlling runoff; preventing depletion of groundwater supplies and substantial interference with surface water flow; encouraging wastewater reclamation; maintaining natural buffer areas that protect riparian habitats; and minimizing alteration of natural streams.

<u>LCP</u>

The LUP policies primarily address marine resources. Policies related to onshore resources are very limited.

The existing wetlands, including the flood control basin in parcel PP, the Marina waters, and the Ballona Creek flood control channel are the marine resources which shall be maintained and, where feasible, enhanced and restored. Uses permitted in or adjacent to these areas shall be carried out in a manner to protect the biological productivity of these marine resources and maintain healthy populations of marine organisms. (LUP p.4-10 #1)

The Oxford Retention Basin shall be retained as either an open space area and/or public park or marine-oriented museum. In any redesign, 1) the water volume shall remain the same, 2) the flood control function shall be retained or alternatives provided to the satisfaction of the Department of Public Works, 3) the biological productivity of the basin and immediate land area enhanced, and 4) the quality of water discharged into the Marina improved. (LUP p.4-10 #4)

Landscaping and plant materials may be used to screen and soften visually obtrusive elements in the study area (e.g., utilities, service areas, bulkheads, fencing, etc. (LUP p.9-7 #12)

Landscaping, including layout plant material and quantity, as well as areas to be utilized, shall be subject to approval by the County and the Design Control Board. (LIP Appendices PP. C-14 #G)

Landscaping shall include trees and shrubbery, with adequate groundcover to protect the soil. Landscaped borders used to shield obtrusive uses shall have a minimum width of eight feet and shall consist of vegetation of sufficient density to hide the use. Landscaping along site perimeters shall have a minimum width of eight feet and shall allow visual access into the lot, except where the landscaping is being used to screen an obtrusive use. These standards shall be implemented in a manner consistent with all other provisions of the certified LCP to encourage unique site design. (LIP pp.5 22.46.1060)

2246.1180 Filing requirements
…A.2. A report prepared by a biologist trained in the study of marine resources, and approved by the department of regional planning, must be submitted. The report shall discuss the proposed development's impact on the biological productivity of the marine resources within and adjacent to Marina del Rey mitigation measures must be proposed for any negative impacts. The following items must be considered when assessing impact:
- Effects of any additional pollutants due to increased runoff caused by new development;
- Potential changes in water temperature and biological productivity caused by outfalls, runoff or decrease in light entering the water due to shadowing (new buildings);
- Effects of any new structures placed in the water. (LIP Pg 19)

C. LCP Implementation Issues

1. Identification of ESHA

The LCP as updated and certified in 1996 contains no policies specifically addressing Environmentally Sensitive Habitat Areas (ESHA). The LCP states that ESHA policies were deleted as no longer applicable. However, based on new information since certification, this does not allow for the adequate identification or protection of ESHA should they be identified on a site-specific basis during development review.

LCP Implementation

When the Commission certified the LUP for the Marina del Rey segment in 1986, the Area A and wetlands within it were still part of the LCP area. As a result the 1986 LUP contained an ESHA definition and policies designed to address the resources in Area A.

In September 1990, the LCP was segmented into Marina del Rey Segment and Area A segment and the Local Implementation Program (LIP) certified for the Marina del Rey segment only. The Area A segment was, and remains, uncertified. The 1990 certified LCP for the Marina del Rey segment (now excluding Area A) contained a definition of ESHA but did not contain any policies to guide protection of resources consistent with Section 30240. The Commission found, in denying the Implementing ordinances as submitted and approving suggested modifications, that Area A contained substantial wetland resources and degraded wetlands supporting habitat of the rare and endangered Belding Savannah Sparrow, but then noted: "The certified LUP does not identify any sensitive habitat in the Marina del Rey proper" and also noted that none of the restoration programs for the remainder of the wetlands require participation on the part of the developed Marina del Rey. [89]

Then, in 1995, the County comprehensively updated its LCP through LCPA 1-94. That document deleted all ESHA policies from the LCP. The CCC found in certifying this document, "This chapter deals exclusively with Playa Vista Area A. In March 1995, the Commission approved segmentation of Area A from the proposed Marina del Rey LCPA area. This chapter is deleted from the proposed LCPA, as modified." [90] It appears that through the 1996 update the Commission concurred with the County in finding that ESHA was confined to the wetlands and habitat of Area A and, based on available information at that time, found no ESHA existing in the developed areas of Marina del Rey. In implementing the LCP, the County has not issued any coastal permits that raise issues related to identifying ESHA. The LCP requirements for assessment of ESHA is confined to addressing biological productivity of marina resources (LIP 22.46.1180 (2) and enhancing biological productivity at the Oxford Slough.

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[89] CCC Staff recommendation for denial And Approval with Suggested Modifications of the Los Angeles County Local Implementation Program for the Marina del Rey segment of the Los Angeles County Local Coastal Program Aug 30.1990, pp. 13.

[90] CCC Revised Findings to support the Commission's May 10, 1995 Denial and Approved with Suggested Modifications of the proposed Amendment No. 1-94 (Major) of the Marina del Rey Segment of the Los Angeles County LCP. January 25, 1996. pp.71.

However, since the Commission's action in 1996, additional information has been presented to indicate that sensitive resources may be present in selected areas of the developed Marina del Rey that may require asite-specific determination of whether or not ESHA exists through the development review process.

Additional information has been raised concerning possible extent of wetland resources on a remaining vacant parcel in the Marina, Parcel 9U. In 2001, the Army Corps of Engineers made a jurisdictional determination of a 1.3 acre wetland in Parcel 9U and determined that proposed development was subject to jurisdiction under Section 404 of the Clean Water Act and required a Section 404 permit.[91] Although the County has not yet formally acted on a proposal for this site, the Army Corps of Engineers determination presents sufficient information to indicate that any proposal for development on the site must undertake a site-specific assessment of resources. The LCP, however, provides no requirements that would trigger such site specific assessments and determination, and if resources are not adequately identified, their protection is not assured.

Also in 2001, as a result of monitoring of development activities, it was noted that great blue herons were actively nesting in some trees in the developed areas of the Marina. At that time, there were concerns raised over potential impacts from development activities such as tree trimming or tree removal to active nesting of species subject to the State Fish and Game Code and the Migratory Treaty Act. The County in their *Request for Information Response No. 1, March 1, 2002*, submitted materials that noted Blue Herons had nested in cypress trees on parcel 64 as well as in trees along the north side of Admiralty Park. At least 4 active nests were documented in 2000. Draft EIR materials for proposed development of Parcel 64 noted that the great blue heron is fairly common all year throughout southern California region and are commonly seen along shorelines and wetlands. The DEIR noted Great Blue Herons general prefer nesting in secluded groves of tall trees near shallow water feeding areas. The herons may vacate trees and establish new nesting sites.[92] The Department of Fish and Game noted some concerns about the importance of possible active nesting areas:

> *The great blue heron is not a common nesting species in Los Angeles County because of historic and present incompatible land use practices. There is some question as to whether other suitable sites are available in the area. The existence of heron nesting colonies are of particular importance to the continued biodiversity of Ballona wetlands and Los Angeles County. The persistence of herons as a successful breeder in Los Angeles County can only be accomplished by providing areas of suitable nesting and feeding habitat over time.*[93]

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[91] Letter from Aaron Allen for David J. Castanon, Chief, North Coast Section Regulatory Branch, U.S. Army Corps of Engineers to PCR, ATTN: Eric Stein, August 30, 2001.
[92] County of Los Angeles, Draft EIR Appendices, Villa Venetia Development Lease Parcel 64T, May 2001, Michael Brandman Associates, letter to Gregory Schem, Elkor Realty Corporation, December 8,2000, pp. 3-4
[93] Letter from C.F. Raysbrook, South Coast Regional Manager to Edward J. Casey, Esq. February 9, 2001. pp. 2

More recently, attention has been focused on the herons, and recreational bird watching hikes are often led to observe the nesting herons in the Marina and Ballona wetlands. [94]

Recent actions by the Commission have also identified issues related to protecting heron rookeries in other harbor areas. For example, in the recent review of the Channel Island Harbor Public Works Plan Amendment (PWPA 1-04, Channel Islands Harbor), the Commission review noted that herons nested and perched in a series of non-native trees amidst the marina facilities, including near buildings and parking areas. While the Commission adopted conditions to restrict construction activity during active nesting in the Channel Islands Harbor, it found that the trees within the harbor did not meet the definition of ESHA. The Commission noted that the herons were neither listed nor proposed for listing as threatened or endangered species, but individual herons and nests are protected under the Migratory Bird Treaty Act and the California Fish and Game Code. And while the herons can be adaptable and tolerant of human activity, it noted the degree of tolerance or adaptability of the herons to future development, which may have become accustomed to nesting and roosting in an area, cannot be predicted and might be quite different.[95]

Because of the proximity to the Ballona wetlands, trees supporting active heron nesting in the Marina del Rey Harbor could be important resources, although they may not constitute ESHA as defined under the Coastal Act. While Great Blue Herons can change nesting sites and may pick among a variety of trees, it is not certain what areas of the Marina, if any, will continue to support active nesting habitat in the future and project-specific mitigation may be required. A comprehensive assessment of the heron rookery resources in the Marina and how they may relate to the larger Ballona area is needed in order to determine whether individual areas constitute environmentally sensitive habitat. As the native and ornamental trees in the harbor may provide nesting and perching, there may need to be further review of what resources may be needed to maintain a heronry in the area. And, even if ESHA is not found to exist on individual Marina sites, project specific mitigation may be required to protect active nesting areas.

The identification of nesting habitat adjacent to the wetlands of Area A and Ballona signals the need to reexamine the resource issues and to incorporate policy guidance in the LCP should resources be identified on specific project sites. Such determination would have to be made on a site-specific basis taking into about the overall habitat available to the resident colony. However, the LCP as currently certified lacks any process or policy guidance for identifying and determining the significance of heron rookery in the harbor and no policies to guide protection of nesting habitat as part of the development process.

Conformance with Coastal Act

While a site specific identification and assessment of ESHA was not completed as part of this Periodic Review, there has been sufficient new information presented since 1996

[94] http://www.argonautnewspaper.com/articles/2005/02/22/news_-_features/top_stories/1wo…accessed on 3/15/05 and http://beaches.co.la.ca.us/BandH/Events/February.htm#birdw accessed 3/30/05.
[95] Public Works Plan Amendment No, PWPA 1-04, Channel Islands Harbor, p. 22.

suggesting that additional ESHA, in addition to marine resources, may be found within the Marina del Rey LCP area. Yet, as certified and implemented, the LCP contains no policy standards to guide identification of ESHA on a site-specific basis and, if identified, no standards to ensure protection of ESHA in the siting and design of development. While the County is aware of the issues raised by the new information present on resources of the harbor and has initiated steps to assess the resources, the LCP currently lacks any policy standards to govern project review. As a result, the LCP as certified is not being carried out in conformity with Sections 30240 and 30233 of the Coastal Act. Recommendations 35 and 36 suggest policies to incorporate a site specific process for determining if ESHA is present on a site.

2. Impacts of development on adjacent ESHA

The LCP as updated and certified in 1996 lacks sufficient policy and implementing standards to assure that development in areas adjacent to environmentally sensitive habitat areas shall be sited and designed to prevent impacts which would significantly degrade the areas, and shall be compatible with the continuance of the habitat. The LCP states that ESHA policies were deleted as no longer applicable and does not contain standards directly protecting ESHA from impacts of adjacent development.

LCP Implementation

The LCP contains some policies and standards for the siting and design of new development that may affect adjacent ESHA. Landscaping requirements provide:

> *Landscaping and plant materials may be used to screen and soften visually obtrusive elements in the study area (e.g., utilities, service areas, bulkheads, fencing, etc... (LUP p.9-7 #12)*
>
> *Landscaping, including layout plant material and quantity, as well as areas to be utilized, shall be subject to approval by the County and the Design Control Board. (LIP Appendices PP. C-14 #G)*
>
> *Landscaping shall include trees and shrubbery, with adequate groundcover to protect the soil. Landscaped borders used to shield obtrusive uses shall have a minimum width of eight feet and shall consist of vegetation of sufficient density to hide the use. Landscaping along site perimeters shall have a minimum width of eight feet and shall allow visual access into the lot, except where the landscaping is being used to screen an obtrusive use. These standards shall be implemented in a manner consistent with all other provisions of the certified LCP to encourage unique site design. (LIP 22.46.1060)*

However, these do not specify measures to protect against introduction of invasive species in the adjacent areas of the Ballona wetlands and does not control maintenance of vegetation that may affect ESHA.

In implementing the LCP, the County has approved only two permits located along Fiji Way near wetlands of Area A and Ballona.[96] These permits were for expansion of existing development. Conditions required biological assessment of impacts to marine resources. Conditions also required submittal of landscaping plans consistent with the LCP but did not require landscaping plans emphasize native plants and avoid invasive species that may affect the adjacent wetlands. No lighting restrictions were required in these approvals to avoid impacts of lighting on adjacent habitat areas.

Conformance with Coastal Act

While the County has implemented the LCP as certified, the implementation of the LCP may not adequately protect adjacent resources consistent with Section 30240 of the Coastal Act based on new information on impacts of adjacent development on sensitive resources. As noted, Area A adjacent to the certified LCP area was found in LCPA 1-94 to contain 22.5 acres of wetlands (LCPA submittal LUP p. 5-3). Several areas of Marina del Rey are located in proximity to adjacent Area A and Ballona wetlands. Also adjacent to the harbor entrance channels is the 16-acre Ballona Lagoon. This is an artificially confined tidal slough connecting the Venice Canals to the Pacific Ocean via the harbor entrance channel through the use of tide gates. The Lagoon is designated ESHA and the waterway is a critical foraging habitat for the California Least tern and many other species. And, as noted, there may be sensitive additional resources within the Marina proper. At the time of initial LUP planning in the early 1980s, the Ballona wetlands had not yet been annexed to the City of Los Angeles and were still a part of the Marina del Rey LUP segment. At that time, the Commission identified that an important issue was the effect of development in the Marina on the adjacent wetlands:

> *The most crucial resource management issues appear to be the extent and viability of the Ballona Creek Wetland and its buffer areas, wetland restoration mechanisms, and the type and scheduling of recycled uses in the Marina…The juxtaposition of the world's largest small craft harbor and a wetland located adjacent to Southern California's most densely populated area sharply focuses on the problem of the best manner in which two possible disparate coastal-dependent uses can most appropriately be managed." (CCC, Issue ID work program pp. 2).*

In addition to protection of the adjacent wetlands, in the revised findings for adoption of suggested modifications on the Land Use Plan in 1984, the Commission suggested modification which included policies that adjacent urban areas shall be designed to protect the habitat values of the [Habitat] Management Area and to restrict height to protect avian flight patterns. More recently, following acquisitions, restoration plans are being developed for the Ballona wetlands and Area A.

Since certification of the LCP, the Commission has continued to gain information on the importance of ESHA buffers and potential impacts of urban development on adjacent wetlands and other ESHA, such as impacts from construction and noise, trail and road

[96] CDP 91083(4) Boat Storage Building at Aggie Cal Yacht-Center (Parcel 53) and CDP 91216 (4) Boat repair shop and restroom at Windward Yacht Center (Parcel 54).

use, lighting, urban runoff, and potential introduction of invasive plants.[97] Recent Commission actions could provide additional guidance to the County on strengthening the LCP to avoid impacts to adjacent resource areas. In the Commission approvals of the adjacent Ballona Lagoon restoration project the Commission required revegetation plans that prohibited use of plant species listed as problematic and/or invasive by the California Native Plant Society, the California Exotic Pest Plant Council and required removal of existing non-native trees except for individual trees determined by biologists to not have any adverse affect on adjacent habitat.[98]

While some Marina developments along Fiji Way have an intervening roadway and in general may be set back from the wetlands a sufficient distance to avoid negative impacts, as the Area A and Ballona wetlands are restored, new development may have indirect impacts on these areas, just as the restoration plans will need to factor in adjacent existing urban development. The LCP as currently certified lacks adequate provisions to ensure that new development proposals are reviewed for such potential impacts, and if applicable, that adequate mitigation is required. Absent such standards, implementation of the LCP will not assure that development is sited and designed to prevent impacts which would significantly degrade the areas, and will be compatible with the continuance of the habitats in conformity with Section 30240(b) of the Coastal Act. Recommendations 37-50 offer suggested policies for updating the LCP to ensure protection of any ESHA if identified, including assessment of the heron rookery in the Marina, and to minimize spillover impacts on adjacent habitat areas planned for restoration.

9. Cultural Resources

A. Overview

Issue scoping raised concerns that the LCP should be updated to reflect newer requirements for protecting cultural resources. However, in 2004, the Legislature adopted SB 18, which changed provisions of the Government Code to implement a consultation process in conjunction with General Plan Amendments. The Governor's Office of Panning and Research (OPR) recently issued guidelines for implementation of these new requirements.

B. Policy Framework

Coastal Act

Coastal Act Section 30244 states:

> *Where development would adversely impact archaeological or paleontological resources as identified by the State Historic Preservation Officer, reasonable mitigation measures shall be required.*

[97] For example, see CCC reports on 5-01-257 and A-5-VEN-01-279 Ballona Lagoon Enhancement Plan, 5-03-13 (Marblehead), A-3-STC-99-081 (Neary Lagoon Skate Park), PWPA 1-04 (Channel Islands Harbor Public Works Plan).

[98] CCC A-5-VEN-01-279 and 5-01-257 West Bank Ballona Lagoon Enhancement, pp. 5

Other laws for the protection of archaeological resources on state and federal lands in California include, but are not limited to, the Archaeological Resource Protection Act (ARPA); Public Resources Code (PRC) Section 5097.5 and the California Code of Regulations (CCR) Section 1427 and 4) Penal Code (PC) Section 622.5.

LCP

The LCP policies and ordinances require that cultural resources be identified and impacts mitigated through the CEQA review process and archaeology reports prepared by a qualified archaeologist as part of the development review process. The review is to be based on coordination with the State Historic Preservation Office. Any resources discovered requires notification of the State Historic Preservation Office and retention of a professional archaeologist is required to monitor any earth-moving operations in the study area. A halt-work condition is required to be in place in the event of cultural resource discovery during construction. Any resources recovered are to be collected and maintained at the Los Angeles County Museum of Natural History, or other appropriate location as otherwise provided by state law. Two key Land Use Policies provide:

> *4. To ensure proper surface and site recordation, the State Historic Preservation Office shall be notified, along with Regional Planning, if any resource is discovered during any phase of development construction. A professional archaeologist shall be retained to monitor any earth-moving operations in the study area. A halt-work condition shall be in place in the event of cultural resource discovery during construction.*
>
> *5. As part of the application for any coastal development permit involving disturbance of native soils or vegetation, including but not limited to excavation, pile driving or grading, the applicant shall provide evidence that they have notified the Office of State Historic Preservation and the Native American Heritage Commission of the location of the proposed grading, the proposed extent of the grading and the dates on which the work is expected to take place.*

Discovery of Native American remains or of grave goods requires compliance with various required sections of the Health and Safety Code, and Public Resources Code that protect human remains and Native American cemeteries and other sacred sites. The LCP ordinances Section 22.46.1190(A)(2) spells out that these provisions are required as conditions of approval.

C. LCP Implementation

Coastal Act Policy 30244 is embodied in County provisions requiring archaeological monitoring and mitigation of any adverse impacts.

Review of the post certification permits issued since update of the LCP in 1996 indicate that in all major redevelopment projects the County evaluated and conditioned development to protect cultural resources. Except for two minor projects, permits issued by the County pursuant to the updated LCP included findings regarding protection of

cultural heritage resources. Archaeological reports were completed as part of the environmental review and the County conditioned development to ensure the required mitigation and notification. Since 1996, only one appeal included archaeological conditions and the Commission attached conditions similar to LCP standards in the de novo action.[99] Since 1996 no significant archaeological concerns have been raised in development projects.

D. Conformance with Coastal Act

Since LCP certification, the County has implemented its Local Coastal Program in a manner consistent with the Coastal Act archaeology policy. At the same time, the Coastal Commission has focused increased attention on the protection of archaeological resources that include significant Native American sacred sites and the importance of consultation with local Native American representatives. And in September 2004, new legislation, SB 18, modified the Government Code to impose new requirements on local governments to notify and consult with California Native American Tribes in local land use planning decisions for the purpose of protecting traditional tribal cultural places, features, and objects.

This bill directed the Governors' Office of Planning and Research (OPR) to develop guidelines to carry out the law. The Office of Planning and Research's Guidelines issued April 15, 2005, explain the responsibilities of local governments under the new requirements. The OPR guidelines include directions for noticing and consulting with California Native American Tribes for:

- *The preservation of, or the mitigation of impacts to, cultural places.*
- *Procedures for identifying through the NAHC the appropriate California Native American tribes.*
- *Procedures for continuing to protect the confidentiality of information concerning the specific identity, location, character, and use of cultural places.*
- *Procedures to facilitate voluntary landowner participation to preserve and protect the specific identity, location character, and use of cultural places*.[100]

These new requirements are to be addressed in future LCP amendments.

In addition to the expanded notice and consultation requirements the statutory changes allow the protection of cultural places in the Open Space Element of the General Plan. SB 18 adds California Native American Tribes to the list of entities that can acquire and hold conservation easements for the purpose of protecting their cultural places.

Also, although no concerns have been raised concerning potential impacts to archaeological resources, the Commission notes that concern for the cultural resources of Native American Tribes has increased and more scrutiny has been required whenever grading occurs. More recently, beyond merely notifying the SHPO and the NAHC to

[99] A-5-MDR-95-017 (Dolphin Marina) Approved with conditions 6/13/96.
[100] Office of Planning and Research, http://www.opr.ca.gov/SB182004.html. Accessed April 30, 2005.

ensure proper surface and site recordation, the Commission has required the presence of Native American monitors in addition to professional archaeologists in order to ensure adequate protection of Native American Tribal resources.[101]

While the Commission finds that the County is implementing the LCP as certified, it notes that these newer requirements should be incorporated into the LCP to guide future local actions in order to assure that the LCP will continue to be carried out in conformity with Coastal Act policies in light of new information on the protection of cultural resources. Recommendation 52 suggests modifying LCP Policy 4 and applicable ordinances to require that Native American monitors be required to ensure adequate review and protection of Native American Tribal resources. Recommendations 51 and 52 are suggested to update the LCP to reflect newer statutory procedures to ensure it will continue to be implemented in conformity with Coastal Act Section 30244.

10. Hazards

A. Overview

As a developed harbor, Marina del Rey does not raise the same hazard issues that may be present in other coastal areas. However, new development and redevelopment may be subject to flooding and impacts from earthquakes that should be reflected in LCP implementation.

In certifying the updated LCP in 1996, the Commission found that although there are no active or potentially active earthquake faults that traverse the Marina del Rey area, the potential for geologic hazards exists from seismic activity centered in adjacent surrounding areas. It identified one of the greatest potential hazards for the Marina area is liquefaction resulting from strong ground shaking of water-saturated, loose to moderately dense sand and silty sand. As noted in the Commission findings, the Marina is characterized as having "very high" susceptibility to liquefaction, which could cause lateral spreading and local ground instability resulting in the collapse of buildings. [102] As a result, the revised LCP strengthened policies to reflect updated standards and knowledge gained from the Loma Prieta and Northridge earthquakes.

As a result of the recent tsunami event in the Indian Ocean, more attention is being focused on measures that may be needed to avoid or minimize impacts from inundation by tsunami [a sea wave generated by local or distant earthquake, submarine landslide, subsidence, or volcanic eruption] or seiche events [a wave set up by a tsunami, a landslide, or prolonged winds that undulates back and forth in an enclosed or partially enclosed body of water, such as a harbor.] Small tsunamis (in the 3 to 5 foot range) have been detected along the California coast following large Pacific Rim earthquakes. Very destructive tsunamis, such as the recent Indian Ocean tsunami, are extreme events. The Office of Emergency Services is developing revised measures for warning and evacuation

[101] For example, see 5-04-291(Kravetz) and A-5-PDR-00-077/5-99-329 (Catellus Residential Group)
[102] CCC, Revised Findings to support the Commission's May 10, 1995 Denial and Approval with Suggested Modifications of the proposed Amendment No.1-94 (Major) of the Marina del Rey segment of the Los Angeles County LCP, January 25, 1996, pp.86-87.

programs to address extreme tsunami events. Draft tsunami inundation maps developed by the Office of Emergency services show Marina del Rey as "impacted" by a worse case scenario.

B. Policy Framework

Coastal Act

The Coastal Act requires that new development be sited and designed to minimize risk to life and property specifically in areas of high geologic, flood and fire hazard. Section 30253 provides:

> *New development shall:*
> *(1) Minimize risks to life and property in areas of high geologic, flood, and fire hazard.*
> *(2) Ensure stability and structural integrity, and neither create nor contribute Significantly t o erosion, geologic instability, or destruction of the site or surrounding area or in any way require the construction of protective devices that would substantially alter natural land forms along bluffs and cliffs.*

LCP

The LCP updated in 1996 addressed concerns regarding geologic hazards. It included new requirements for preparation of geologic reports demonstrating that channel construction or development adjacent to channels will survive geologic hazards and that engineered structures could mitigate any potential impact from seismic shaking, lateral spreading, liquefaction or ground failure accurately reflecting recent experience with liquefiable soils and seismic events. It also required all development to provide a flood control and runoff plan.

LCP Section 22.46.1180(A)(4) also reflects the continual revision of seismic protection codes and gives notice that all development must conform to the most recent guidelines of the California Seismic Safety Commission or Building Standards Commission[103] to ensure the structural integrity of structures within the Marina:

> *4. Avoidance and mitigation of Geologic/Geotechnical Hazards. Applicants and their engineers are responsible for determining and following all current requirements and recommendations of the Los Angeles County Department of Public Works, the California Division of Mines and Geology and the California Seismic Safety Board. New development shall utilize earthquake resistant construction and engineering practices. All new development over three stories in height shall be designed to withstand a seismic event with a ground acceleration of no less than 0.5g. Accordingly, all development applications shall include a detailed geotechnical report completed by a certified engineering geologist and a*

[103] The Building Standards Commission is responsible for administering California's Building Codes and is part of the State Consumer Services Agency.

registered civil engineer experienced in the field of soil mechanics, and approved by the department of public works. A copy of the report, and its approval, shall be submitted. The report must include, but not be limited to:
- A comprehensive geologic/soils analysis showing underlying geology, soil type and structure;
- Delineation and evaluation of areas prone to fault rupture, secondary effects of seismic shaking, such as lateral spreading, settlement, liquefaction, etc. and excessive ground motion, due to seismic wave amplification;
- Delineation of low-lying areas which may be inundated by tsunamis, floods or unusually high tides, or damaged by excessive wave action;
- Recommendations for development in geologically stable areas, and restriction of development in unstable or unmitigated areas.
Note: Additional requirements may be imposed in areas determined to be under the jurisdiction of the State of California Seismic Safety Board or the Division of Mines and Geology.

The LCP specifically addressed hazard risks from tsunamis. The LUP noted:

Seismic sea waves pose a potential hazard to the low-lying portions of the study area, because of their minimal elevation and proximity to the ocean. Earthquakes with epicenters anywhere in the Pacific Ocean may generate such waves. No existing proposals are known which would provide protection to physical structures, although warning systems are in effect which allow persons time to vacate the area.[104]

The LUP policies state:

While low lying areas are statistically endangered by tsunami, they are isolated from the shoreline by distances of from 1,500 feet to 6,000 feet and are not considered directly exposed to tsunami hazard.
The Marina del Rey Small Craft Harbor has sustained only minor damage in the past due to tsunami and seiche because of special design standards embodied in the moles, docks and breakwater.[105]

LCP Policies require:

10.e.4 Require that marina and harbor facilities continue to be designed and constructed so as to reduce the potential impacts of tsunamis.
10.e. 5. Direct the Chief Administrative Office's (CAO) Office of Emergency Management to consider the potential threat of tsunamis in the preparation of disaster response plans for low lying harbor and coastal areas.
10.4.6. Instruct the CAO's Office of Emergency Management to investigate the feasibility of establishing a tsunami alert procedure.

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[104] Los Angeles County, Marina del Rey Land Use Plan, certified February 8,1996, p.10-4.
[105] LUP pp. 10-5

C. LCP Implementation Issues

Review of post certification actions by the County indicate that geotechnical reports have been required in major development projects in the Marina. Earthquake resistant construction and engineering practices have been required and mitigation measures outlined in geotechnical reports have been made conditions of project approval. In major projects, development has been required to avoid transecting geologically unstable areas. Given the risks, mitigation to address liquefaction and lateral spreading has been the major focus of the geotechnical reviews. In the two appeals where hazards were raised as issues, the Commission adopted conditions to ensure that recommendations of the geotechnical reports were required.

While geotechnical analysis and mitigation has been required in project review by both the County and the Commission, such analysis may not have focused on potential tsunami impacts. Review of a sample report submitted as part of an appeal record showed that the geotechnical analysis focused mainly on the major risks from seismic activity and liquefaction and did not appear to specifically discuss risks associated from tsunami or seiche events, for example, the impacts from scour, high velocity waves or lateral movement due to the effect of water loading from a tsunami event. While the LCP requirements provide that tsunami risks are to be addressed in geotechnical review, it appears that this may not have been explicitly considered in geotechnical reports. As a result of recent attention on tsunami response, the County should also consider updating and revising requirements for review of potential impacts to proposed development. On a minor note, any LCP revisions should reflect more recent changes to agency references for the California Division of Mines and Geology, which is now the California Geological Survey.

Early in 2005, the County participated in a Tsunami Task Force formed following the Indian Ocean tsunami and is updating the County's Tsunami Emergency Response Plan developed in 1998 to reflect the latest scientific research and recent changes in the county's own emergency response system. In updating this emergency response plan, the Commission anticipates that this will result in up to date evacuation plans and education efforts, including possible signage.

D. Conformance with Coastal Act

Section 30253 of the Act requires that new development minimize risks to life and property in areas of high hazards and ensure stability and structural integrity. The County has consistently required submittal of required geotechnical reports and ensured incorporation of mitigation requirements, in conformity with Section 30253 of the Coastal Act. In implementing requirements to evaluate site conditions through geotechnical analysis and recommend measures to minimize risks, it appears LCP requirements to consider risks for tsunami events may not have been explicitly implemented.. As the County is actively involved in addressing Emergency Preparedness, the LCP should ensure that geotechnical analysis of, and mitigation measures for, new development reflect requirements of any newly adopted state or local hazard mitigation plans addressing

tsunami hazards. The LCP includes a notation that additional requirements may be imposed in areas under the jurisdiction of the Seismic Safety Board or California Geological Survey. However, some new requirements for hazard mitigation may come from other state and local authorities so requirements should be expanded. Recommendation 53 will ensure that through required geotechnical studies and project plans, that the latest feasible mitigation measures will be incorporated into new development to minimize risks in conformity with the Coastal Act.

11. Procedures

A. Overview.

Implementation of the LCP involves many steps, from application through public noticing and hearing to monitoring, enforcement and condition compliance. Some of the issues raised may be ones that may not actually require code changes but may be best be addressed through discussions on improved procedures.

B. Policy framework

Coastal Act

A core principle of the Coastal Act is to maximize the public's ability to participate in planning and regulatory decisions. Section 30006 of the Coastal Act requires:

> *The Legislature further finds and declares that the public has a right to fully participate in decisions affecting coastal planning, conservation and development; that achievement of sound coastal conservation and development is dependent upon public understanding and support; and that the continuing planning and implementation of programs for coastal conservation and development should include the widest opportunity for public participation.*

To facilitate such participation, the Coastal Act and the California Code of Regulations establish specific procedures for processing coastal development permits (CDPs) at the local level following Local Coastal Program (LCP) certification, as well as for administering amendments to the certified plan. This includes specific procedures regarding the provision of public notices and hearings, and opportunities to appeal certain local decisions on CDPs to the Coastal Commission. Permit-processing requirements may vary depending on the type, extent, and significance of the development, or LCP amendment, being proposed. The Coastal Act and California Code of Regulations provide a range of procedures to account for these distinctions

LCP

Regulations for implementation of the County LCP are found primarily in County ordinances Sections 22.56.2270 to 22.56.2550. The procedures outlined mirror the Commission's post-certification hearing and noticing procedures contained in Title 14 of the the California Code of Regulations.

C. LCP Implementation

1. Determination of Exemptions

The identification of what is exempt from coastal permit requirements mirrors the Commission's regulations. And, the procedures provide that a determination whether a development is exempt is made by the Director at the time an application is submitted. The Code also provides for the resolution of any disputes as to whether a development is exempt:

> *Section 22.56.2370. A. If the Director's determination made pursuant to Sections 22.56.2280, 22.56.2290 or 22.56.2360 is challenged by the applicant or interested person, or if the local government wishes to have a Coastal Commission determination as to the appropriate determination, the Director shall notify the Coastal Commission by telephone of the dispute and shall request an opinion of the Coastal Commission's Executive Director.*

This provision is in line with requirements of the California Code of Regulations. Although the County Code contains a procedure to resolve disputes concerning exemptions, the Commission and interested parties often are not aware that an exemption has been granted until after the development has commenced. As a notice of exemption is not required under the Commission's post-certification regulations Section 13569, it is often difficult to invoke the dispute resolution process. Therefore, it is important that the LCP clarify the types of development that are exempt. The Commission staff is aware of a few instances where development such as demolitions and temporary events have been exempted from permit requirements even though they are not specifically listed in the County's list of exempt development in Section 22.56.2290. As much of the Marina is in appeal jurisdiction, it is important that permitting procedures are clear and afford the public a way to review decisions. While public noticing is not required, a list of exempt projects should be retained, as suggested in Recommendation 54 in order to afford the public the means to review a determination of exemption and invoke the dispute resolution process, if needed.

2. Ease of Document Use

In public comments, the Commission received feedback from the public concerning some impediments to their review of LCP implementation and suggested the County develop ways to make the LCP document itself more accessible to the public. Recent submittals in conjunction with the Periodic Review highlight that the County continues to explore expanded use of electronic format for documents to help facilitate public participation. While the LCP is being carried out to facilitate public input and no recommendation is suggested, a revision to the LCP may offer the County the additional opportunity to explore improvements in formatting and organizing the LCP document itself to make it easier to use and more accessible to the public.

D. Conformance with Coastal Act

The County has fully implemented requirements for hearing and noticing for coastal permits and LCP Amendments in conformity with the Coastal Act and administrative regulations and has implemented significant outreach efforts on upcoming projects in order to maximize public participation. Continual improvements in public outreach as suggested in Recommendation 54 will continue to ensure the LCP is carried out in conformity with Coastal Act Section 30006.

LIST OF EXHIBITS

Exhibit 1: **Area Map**
Exhibit 2: **Development Parcels**
Exhibit 3: **Local Coastal Permits Approved**
Exhibit 4: **Boating Facilities**
Exhibit 5: **Traffic Fee Mitigation Account Approved and Pending Projects**
Exhibit 6: **Map and List of Proposed Transportation Improvements**
Exhibit 7: **Lincoln Blvd. Mobility Improvement Study (Excerpt)**
Exhibit 8: **Recreation and Visitor-Serving Facilities**
Exhibit 9: **Local Coastal Permits Approved with Public Access**

Exhibit 1

Marina del Rey
LCP Periodic Review

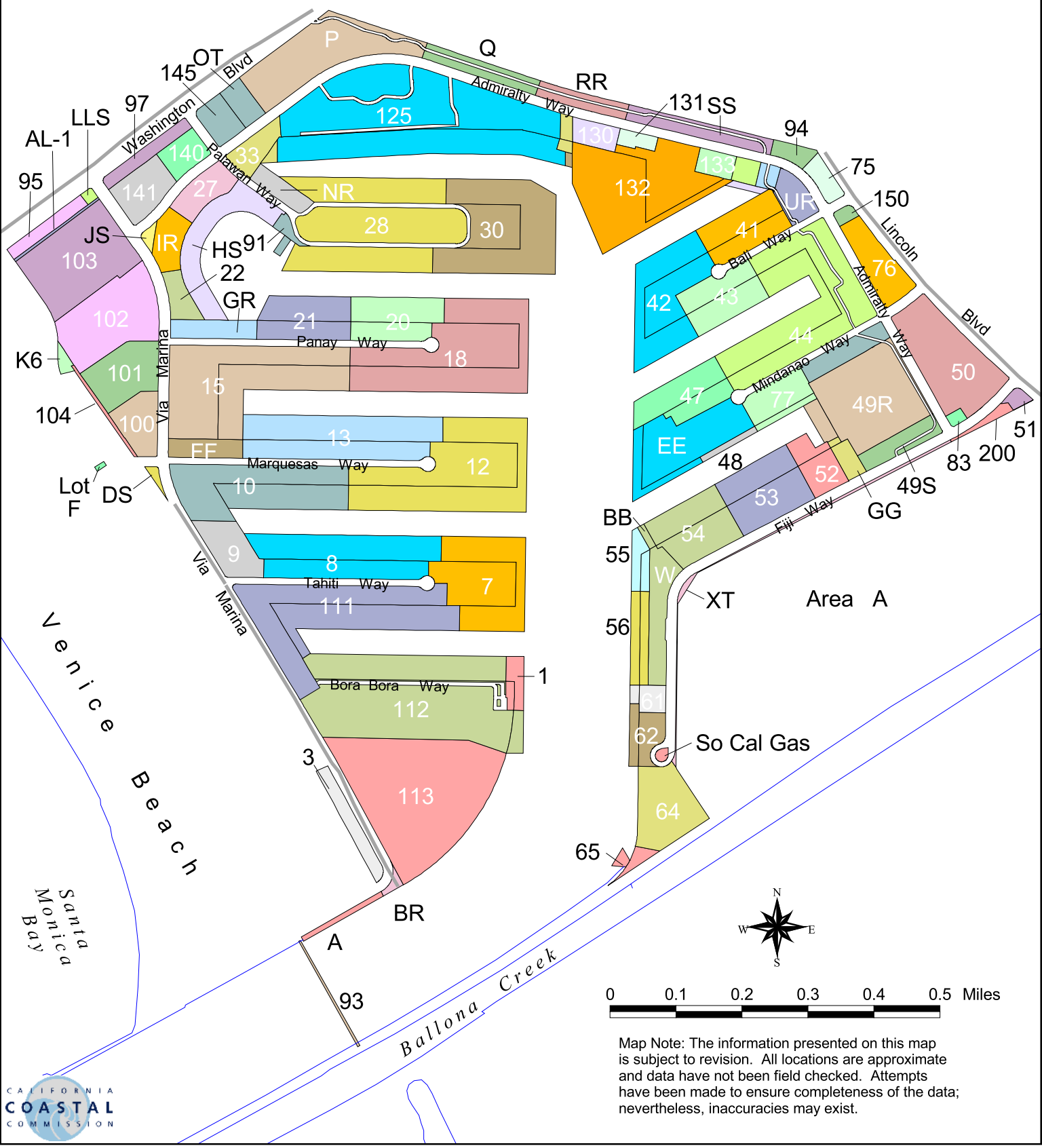
Area Map

Map Note: The information presented on this map is subject to revision. All locations are approximate and data have not been field checked. Attempts have been made to ensure completeness of the data; nevertheless, inaccuracies may exist.

CA Coastal Commission, 5/05

Exhibit 2

Marina del Rey
LCP Periodic Review
Development Parcels



Map Note: The information presented on this map is subject to revision. All locations are approximate and data have not been field checked. Attempts have been made to ensure completeness of the data; nevertheless, inaccuracies may exist.

CALIFORNIA COASTAL COMMISSION

Exhibit 3

Marina del Rey
LCP Periodic Review

Local Coastal Permits Approved

Map Note: The information presented on this map is subject to revision. All locations are approximate and data have not been field checked. Attempts have been made to ensure completeness of the data; nevertheless, inaccuracies may exist.

Co. Case #	Redevelopment Granted
91-083	construct dry boat storage; open boat yard sales & service
91-216	marine commercial
91-246	replace seawall
91-329	residential
93-128	replace portable classroom in parking lot
94-150	reconstruct dock for charter services
95-053	restrooms and showers w/ ADA access
96-169	library expansion
98-134	increase residential; decrease retail, restaurant & slips
98-172	residential, retail
00-39	increase residential; decrease slips; demolish office
02-277	increase retail
03-029	increase residential
03-030	increase retail, restaurant, reduce office

Exhibit 4

Marina del Rey
LCP Periodic Review
Boating Facilities

Map Note: The information presented on this map is subject to revision. All locations are approximate and data have not been field checked. Attempts have been made to ensure completeness of the data; nevertheless, inaccuracies may exist.

CALIFORNIA COASTAL COMMISSION

MARINA DEL REY
TRAFFIC MITIGATION FEE ACCOUNT
ACCOUNT TF2 7703*
APPROVED PROJECTS

DZ #	DZ NAME	PARCEL	PROJECT TITLE	APPLICANT	PROJECT NO.	SCOPE	PMPK TRIPS	COST	PAID	OTHER IMPROVEMENTS	COMMENT
1	Bora Bora	112		Epstein	0039	New 120 apartment units Net decrease of 271 slips Remove: 4,000 sf office	(4)				
2	Tahiti	111		Epstein	0039	Remodel exisiting apartments	0	$ -			
3	Marquesas	12	Espirit Marina del Rey Phase I	Ring	98134	Net increase of 282 units, 35 senior apartment units Net decrease of 3,600 sf retail and 237 boat slips	52	$ 295,880	YES	2nd WB left turn lane on Washington Bl to Via Marina or traffic signal @ Washington Bl/Palawan Way	
4	Panay	15	Espirit Marina del Rey Phase II	Ring	98134	Net increase of 250 apartment units, 47 senior apartments Net decrease of 41 boat slips (demo 253 existing and construct 212 new) Demo 4,400 sf restaurant (280 seats) and add 8,000 sf retail	224	$ 1,274,560	NO	Left turn on Via Marina at Parcel 15 main driveway	No trip credit was give for restaurant since it was vacant for more than 1 year.
4	Panay	18	Dolphin Marina	Goldrich & Kest	91329	68 Market rate apt units	22	$ 125,180	YES		
4		18		Goldrich & Kest	91329	60 senior apartment units	5	$ 28,450	YES		
4		20	13953 Panay Way	Goldrich & Kest	98172	Phase I: 99 Apartment units Phase II: Net increase of 4,940 sf Yacht Club, 2,300 sf of office	41	$ 233,290	YES		
5	Palawan/Beach	97	Gold Coast Shopping 514&586 Washington Bl	Pashaie	02277	Demo & replace 2 of 6 commercial buildings. Net increase of 450 sf Possible relocation of Wells Fargo bank from parcel 95 to parcel 97	2	$ 11,380	YES		Going back to DRP. Project layout change due to sewer line. The revised project will be 128 sf less.
5		140	Admiralty Apt	Pashaie	03029	Net increase of 108 units - demo 64 apartment units, new 172 units (15 for very low income).	37	$ 210,530	NO	Pay fair share towards restriping of Palawan Way between Washington Bl and Admiralty Way and installation of traffic signal at the I/S of Washington Bl/Palawan Way and interconnect with adjacent signals; construct 8-foot wide sidewalks along Admiralty Way	
6	Oxford							$ -			

NOTE: Fe Jimenez in DPW-FIS Division @ 626-458-6508 manages the account.

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EXHIBIT NO. 5
APPLICATION NO. 1 of 4 pages
MDR Periodic Review

MARINA DEL REY
TRAFFIC MITIGATION FEE ACCOUNT
ACCOUNT TF2 7703*
APPROVED PROJECTS

DZ #	DZ NAME	PARCEL	PROJECT TITLE	APPLICANT	PROJECT NO.	SCOPE	PMPK TRIPS	COST	PAID	OTHER IMPROVEMENTS	COMMENT
7	Admiralty	40	County library expansion	DPL	96169	2,454 sf	0	$ -			
8	Bali							$ -			
9	Mindanao	50	Ralph's Market Expansion	Caruso Affliated		4700 sf expansion, café, and parking layout modification	49	$ 278,810	NO	Admin street, sidewalk, and extend left-turn at main driveway	Plot.plan approved. Traffic study to be done. Estimated pm pk trip based on ITE rates.
10	Fisherman's Village							$ -			
11	Harbor Gateway							$ -			
12	Via Marina	95, LLS		Pashaie	03030	Net increase of 11,400 sf retail which includes 288 restaurant seats Net decrease of 1,300 sf in office Net decrease of 3,250 sf of bank Possible relocation of wells fargo bank from parcel 95 to parcel 97	(59)	$ -			Net reduction of trips due to Wells Fargo bank reduction
13	North Shore							$ -			
14	Fiji Way							$ -			
PROJECTS OUTSIDE MARINA											
O		City LA	Avalon Bay Community			310 apartment units	4	$ 6,368	YES		Cat I
O		City LA	West Bluffs (Catelius)			120 single family units	2	$ 3,184	YES		Cat I
O		Culver	Costco				74	$ 117,808	YES		Cat I
O		Culver	Costco			Costco Center		$ 1,500,000	NO		County processing agreement to transfer funds from Culver City's Costco Regional Mitigation Fund to County; construction only of SR-90
O		City LA	GTE Chateau Marina		C/O LA	500 APARTMENT UNITS Cat I fee	48	$ 76,416	YES		

NOTE: Fe Jimenez in DPW-FIS Division @ 626-458-6508 manages the account.

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MARINA DEL REY
TRAFFIC MITIGATION FEE ACCOUNT
ACCOUNT TF2 7703*
APPROVED PROJECTS

DZ#	DZ NAME	PARCEL	PROJECT TITLE	APPLICANT	PROJECT NO.	SCOPE	PMPK TRIPS	COST	PAID	OTHER IMPROVEMENTS	COMMENT
O		City LA	Playa Vista-Phase I			3,246 dwelling units, 35 ksf retail, 2,000 ksf office, 1,000 ksf studio, 120 ksf community serving uses	102	$ 162,384	NO		PV agreed to pay fee. In addition to this fee, PV will be paying its fair share towards the La Cienega Bl/Slauson Av interchange improvements.
			Playa Vista-Phase II			2,600 dwelling units, 150 ksf retail, 175 ksf studio, 40 ksf community serving uses	49	$ 78,008	NO		PV agreed to pay fee.
						TOTAL PM PEAK TRIPS	369				
						TOTAL CONDITIONED:		$4,402,248			
						TOTAL COLLECTED:		$ 897,956			
						EXPENDITURES:		$ 32,500	*Note -->		* LCTF Phase I study
						BALANCE:		$ 865,456	*Note -->		* $1.5 MILLION CULVER CITY FUND EARMARKED FOR CONSTRTUCTION ONLY OF SR 90 EXTENSION

NOTE: Fe Jimenez in DPW-FIS Division @ 626-458-6508 manages the account.

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MARINA DEL REY
TRAFFIC MITIGATION FEE
PENDING PROJECTS
ACCOUNT TF2 7703*

DZ #	DZ NAME	PARCEL	PROJECT TITLE	APPLICANT	PROJECT NO.	SCOPE	PMPK TRIPS	COST	PAID	OTHER IMPROVEMENTS	COMMENT
1	Bora Bora							$ -			
2	Tahiti							$ -			
3	Marquesas	FF&10R	Neptune			527 apartment units, 141 boat slips Remove 136 apt units and 198 boat slips	140	$ 796,600	NO		Not filed with DRP.
4	Panay							$ -			
5	Palawan/Beach							$ -			
6	Oxford							$ -			
7	Admiralty							$ -			
8	Bali							$ -			
9	Mindanao							$ -			
10	Fisherman's Village							$ -			
11	Harbor Gateway							$ -			
12	Via Marina							$ -			
13	North Shore							$ -			
14	Fiji Way							$ -			
								$ -			
PROJECTS OUTSIDE MARINA											
O	City of LA		Villa Marina				5	$ 28,450	NO		
O								$ -			
						TOTAL PENDING		$ 825,050			

NOTE: Fe Jimenez in DPW-FIS Division @ 626-458-6508 manages the account.

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NEW ROADS

PROPOSED TRANSPORTATION IMPROVEMENTS IN THE MARINA DEL REY AREA

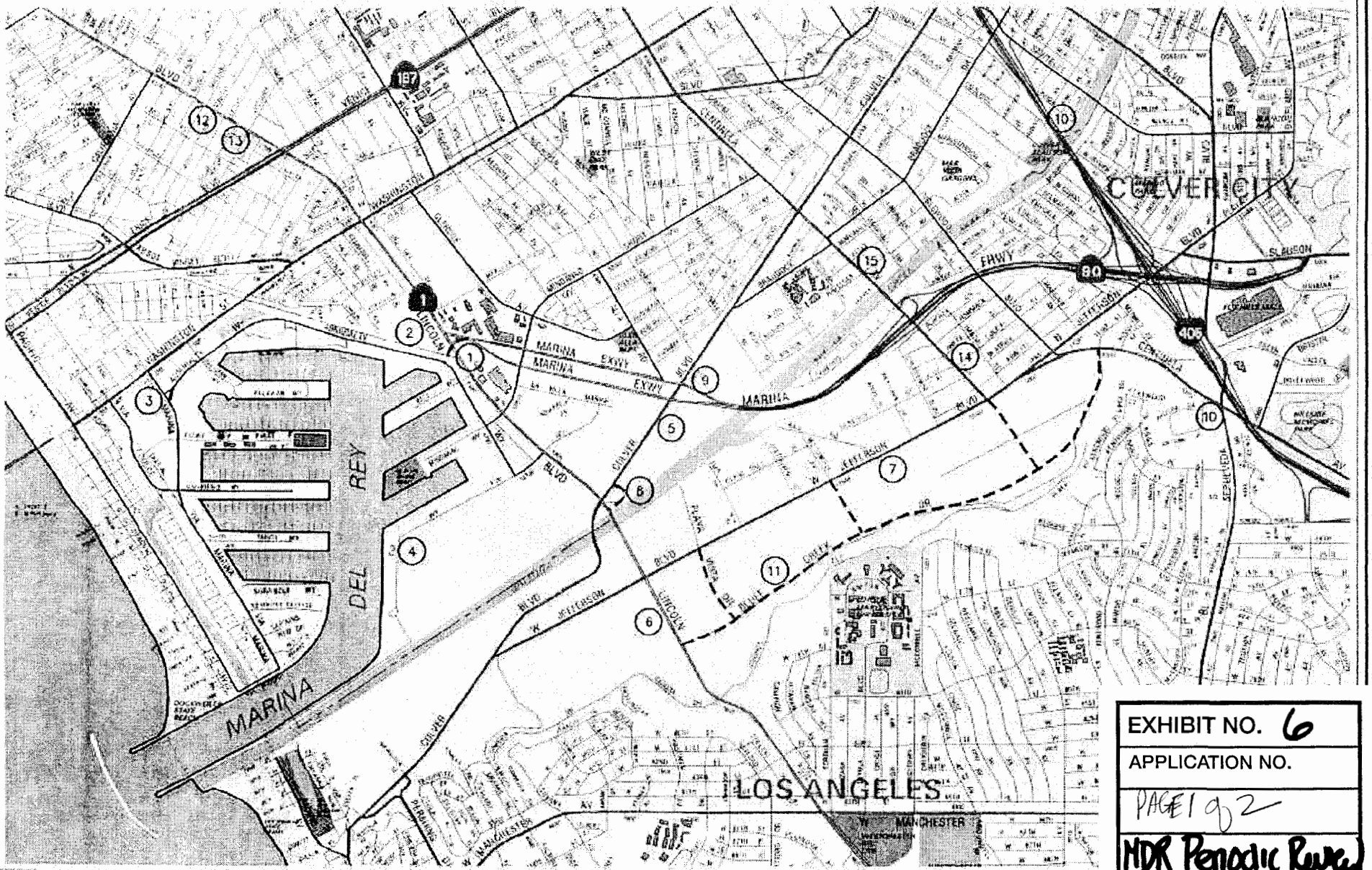

EXHIBIT NO. 6

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MDR Periodic Review

SUMMARY OF PROPOSED TRANSPORTATION IMPROVEMENTS IN THE MARINA DEL REY AREA

1. Marina Expressway (SR-90) Connector Road to Admiralty Way Project - (2011County)

2. Admiralty Way Improvement Project - Via Marina / Fiji Way (2011County)

3. Admiralty Way / Via Marina Intersection Realignment Project (2011County)

4. Fiji Way Gap Closure of the South Bay Bike Trail (2011County)

5. Culver Bl Widening - SR 90 / Lincoln Bl (2005 PV1)

6. Lincoln Bl Widening - LMU Dr. / Jefferson Bl (Caltrans)

7. Jefferson Bl Widening - Beethoven St. / Grosvenor Bl (2010 PV2)

8. Culver Bl / Lincoln Bl New Interchange - (under construction)

9. SR 90 / Culver Interchange - with SR 90 Grade Separation over Culver Bl (Caltrans in litigation)

10. San Diego Freeway Improvements - HOV lanes SR 90 / 105 Fwy (2006) & SR 90 / SM Fwy (2009). Ramps at Culver Bl (2006)

11. Bluff Creek Dr (Teale St) - Lincoln Bl / Centinela Ave (2010 PV1&2)

12. Lincoln Corridor Transit Improvements – Add 5 buses to Santa Monica Big Blue Bus Line 3 (PV1); Install Transit Bus Priority System for Lincoln Bl (2008PV2); add 6 buses to Culver City Lines 2, 4 and 6 and a new Limited Stop Route to the South (PV2); Internal Shuttle System for Playa Vista (PV1); Expand Internal Shuttle System on a demand/responsive system to the Bridge, Fox Hills, LMU, Playa del Rey Beach and Marina del Rey (PV2); Bus Rapid Transit along Lincoln Bl and Sepulveda Bl (MTA2008)

13. Recommendations by the Lincoln Corridor Task Force (March 2004) Preliminary short-term recommendations consist of peak-period parking restrictions along Lincoln Bl for use by buses, bicycles and turning vehicles, rapid bus stations and landscaped raised medians.

14. Centinela Ave Widening - SR 90 / Jefferson Bl (PV1)

15. Centinela Ave Widening - SR 90 / Culver Bl (PV2)

16. Marina del Rey Water Shuttle (Department of Beaches and Harbors)

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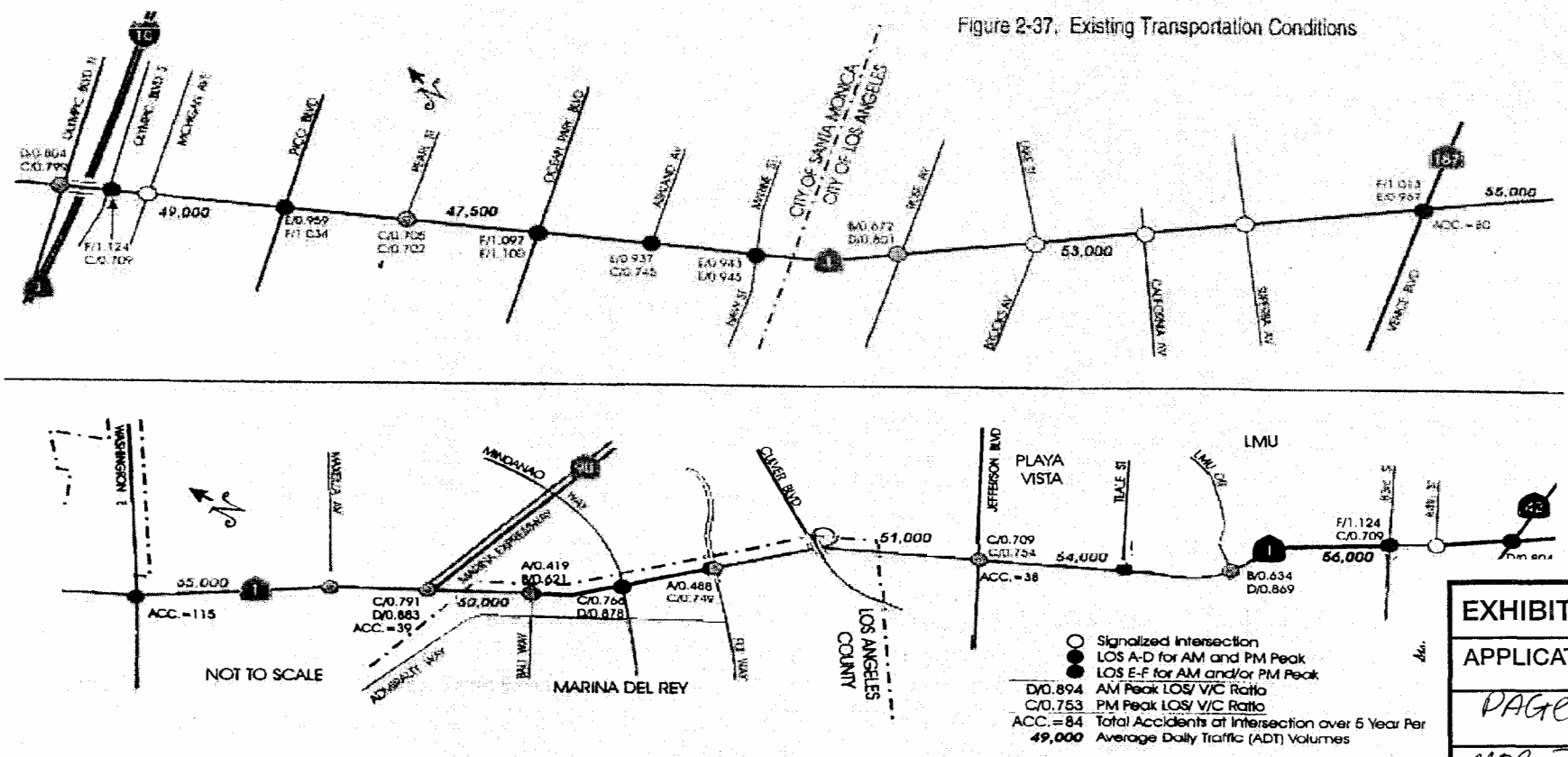
b. Existing Transportation Conditions

Figure 2-37 illustrates existing traffic conditions along Lincoln Boulevard within the 5-mile study corridor segment. Average daily traffic (ADT) volumes on Lincoln range between a low of 47,500 north of Ocean Park Boulevard in Santa Monica to a high of 67,000 north of SR-90. There are 25 signalized intersections along the study segment, eight of which are in the City of Santa Monica, three in the unincorporated County of Los Angeles area and the remaining 14 are in the City of Los Angeles.

As seen in Figure 2-37, the worst peak hour operating conditions, as represented by level of service F (LOS F) are at the intersections of Lincoln with Olympic Boulevard (AM), Pico Boulevard (PM), Ocean Park Boulevard (AM and PM) and 83rd Street (AM). The highest number of automobile accidents along the corridor within the last five years occurred at or near the Lincoln/Washington intersection, where a total of 115 accidents were reported during the period.

Figure 2-37. Existing Transportation Conditions



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It is a common misconception that Lincoln Boulevard carries predominantly long distance trips. As part of this study, travel patterns along Lincoln were analyzed. As shown on Figure 2-38, in the PM peak hour, of the 1,300 vehicles entering the corridor traveling southbound only 275, or 21 percent traverse the entire length of the corridor to Manchester Avenue. Similarly, Figure 2-39 shows that, even a smaller percentage of northbound traffic, only 150 vehicle or 8 percent of the nearly 1,880 vehicles that enter the corridor at Manchester Avenue, travel the entire length to Santa Monica.

Vehicles traveling northbound along the corridor only use Lincoln Boulevard for an average of

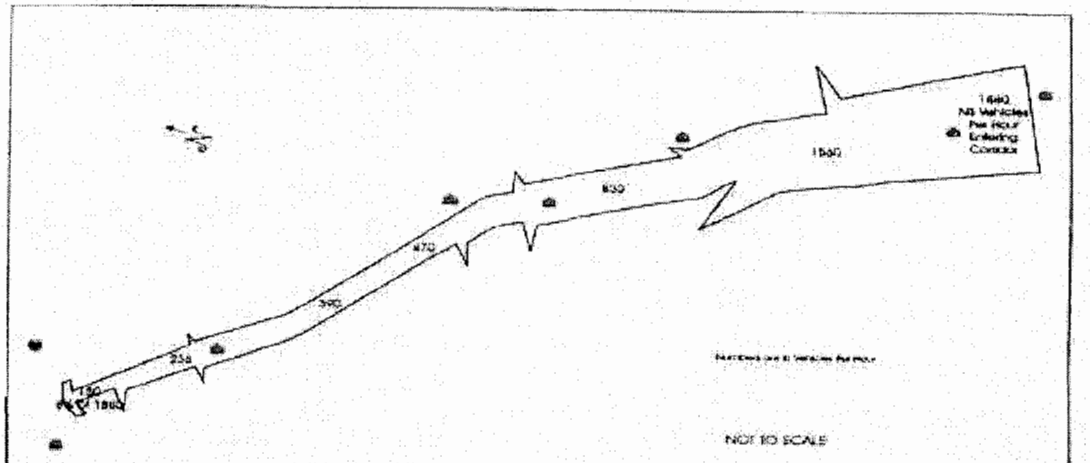

Figure 2-39. Patterns of Northbound PM Peak Traffic Entering Corridor n/o Manchester Avenue

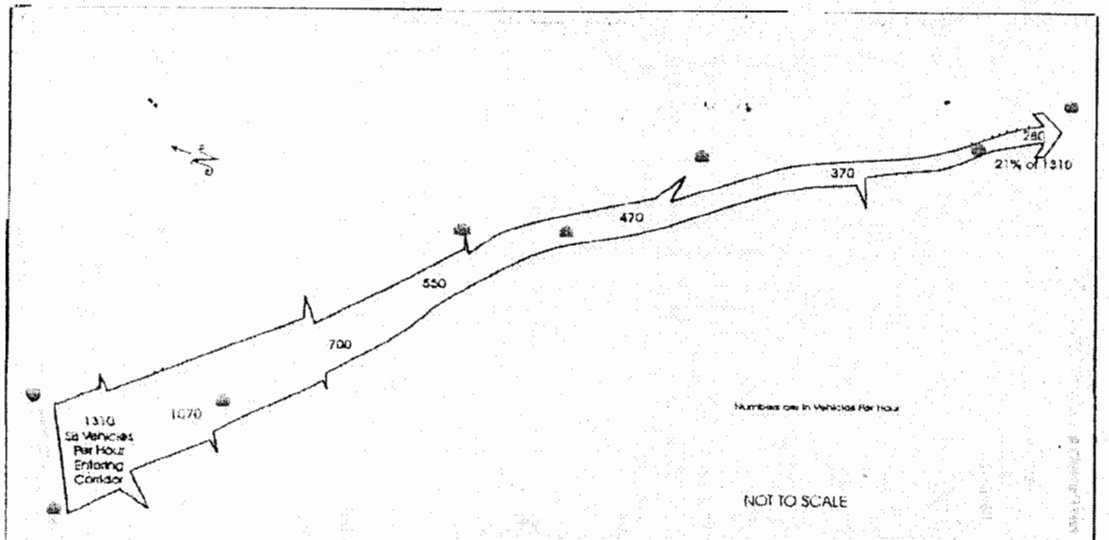

Figure 2-38. Patterns of Southbound PM Peak Traffic Entering Corridor n/o Pico Boulevard

1.5 miles. The average travel distance along the corridor in the southbound direction, is even shorter, at only 1.1 miles. Northbound trips on the corridor, north of Venice have the longest average travel length along the corridor at 2.1 miles and in the southbound direction, trips north of Pico Boulevard have the longest average travel length along the corridor at 1.4 miles. The above data suggests that contrary to common belief, only a small percentage of trips actually use the entire 5-mile length of the corridor on a regular basis.

In other words, there are not significant volumes of through traffic and majority of the users of the corridor have an origin or a destination in the general vicinity of this corridor.

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Projected future traffic volumes were analyzed along the study corridor using the latest traffic forecasts by LADOT, which included future growth in the Marina, the Playa Vista project and other regional growth. Evening Peak hour forecasts and expected growth percentages are shown in Figure 2-43. As can be seen, the highest growth is expected to occur along the southern segments of the corridor, where the new trips from Playa Vista will constitute a large portion of the future growth. South of Culver Drive, it is expected that traffic volumes will experience growths in the order of 90 to over 100 percent, or double the current volumes. Relatively high growth, in the range of 26 to 29 percent is also expected near Marina Del Rey and SR-90. North of Washington Boulevard, through Venice ranges between 11 and 17 percent and generally growth in the range of 15 to 24 percent in Santa Monica.

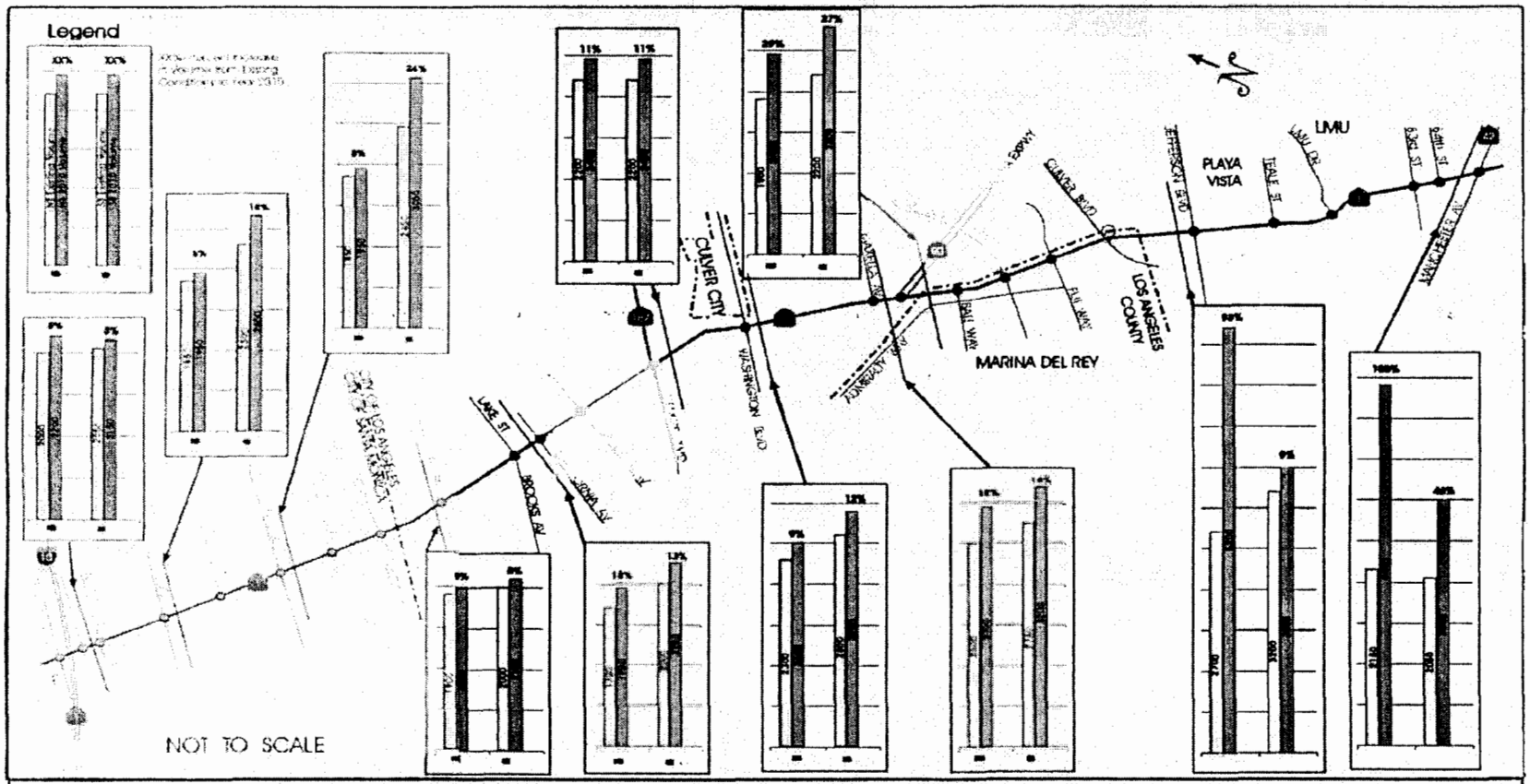

Figure 2-43. PM Peak Hour Volumes – Existing Conditions and Year 2010

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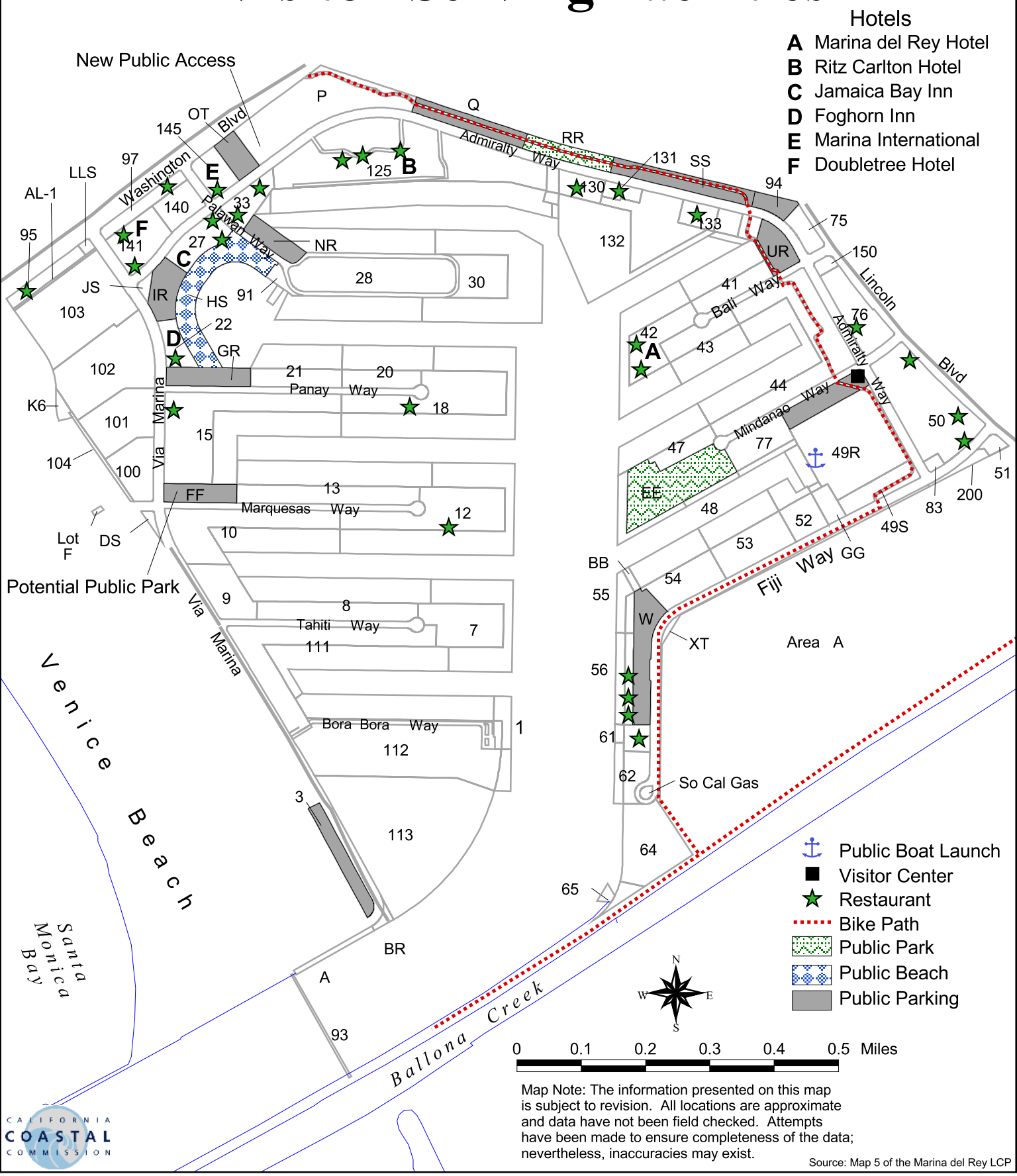
Exhibit 8

Marina del Rey
LCP Periodic Review
Visitor-Serving Facilities



Map Note: The information presented on this map is subject to revision. All locations are approximate and data have not been field checked. Attempts have been made to ensure completeness of the data; nevertheless, inaccuracies may exist.

Source: Map 5 of the Marina del Rey LCP

CA Coastal Commission, 5/05

Exhibit 9

Marina del Rey
LCP Periodic Review

Local Coastal Permits Approved with Public Access

Map Note: The information presented on this map is subject to revision. All locations are approximate and data have not been field checked. Attempts have been made to ensure completeness of the data; nevertheless, inaccuracies may exist.

Co. Case #	Public Access Requirements
91-329:	applicant shall take measures to provide uninterrupted public access to the harbor
96-169:	no promenade improvements, but relocation of existing bike path for safety
98-134:	28 foot promenade in project
98-172:	28 foot promenade in project
00-39:	8 foot wide promenade and 4500 sf waterfront park
03-029:	"Marina Entry" feature in project; signage required
03-030:	"Marina Entry" feature in project; replace parking lot with public park; bus turn-out area

CA Coastal Commission, 5/05