



PLAN ELEMENTS



**RESOURCE MANAGEMENT
& OPEN SPACE ELEMENT**

RESOURCE MANAGEMENT & OPEN SPACE ELEMENT

BACKGROUND AND ISSUES

The Torrey Pines community consists of over 1,000 acres of open space, located primarily within five separate but related open space systems, each containing numerous sensitive environmental resources. These open space systems include, from the north part of the community to the south, San Dieguito River Valley, Crest Canyon, Torrey Pines Reserve Extension, Los Peñasquitos Lagoon and associated uplands, and the Carroll Canyon Wetlands/Wildlife Corridor (see **Figure 4**).

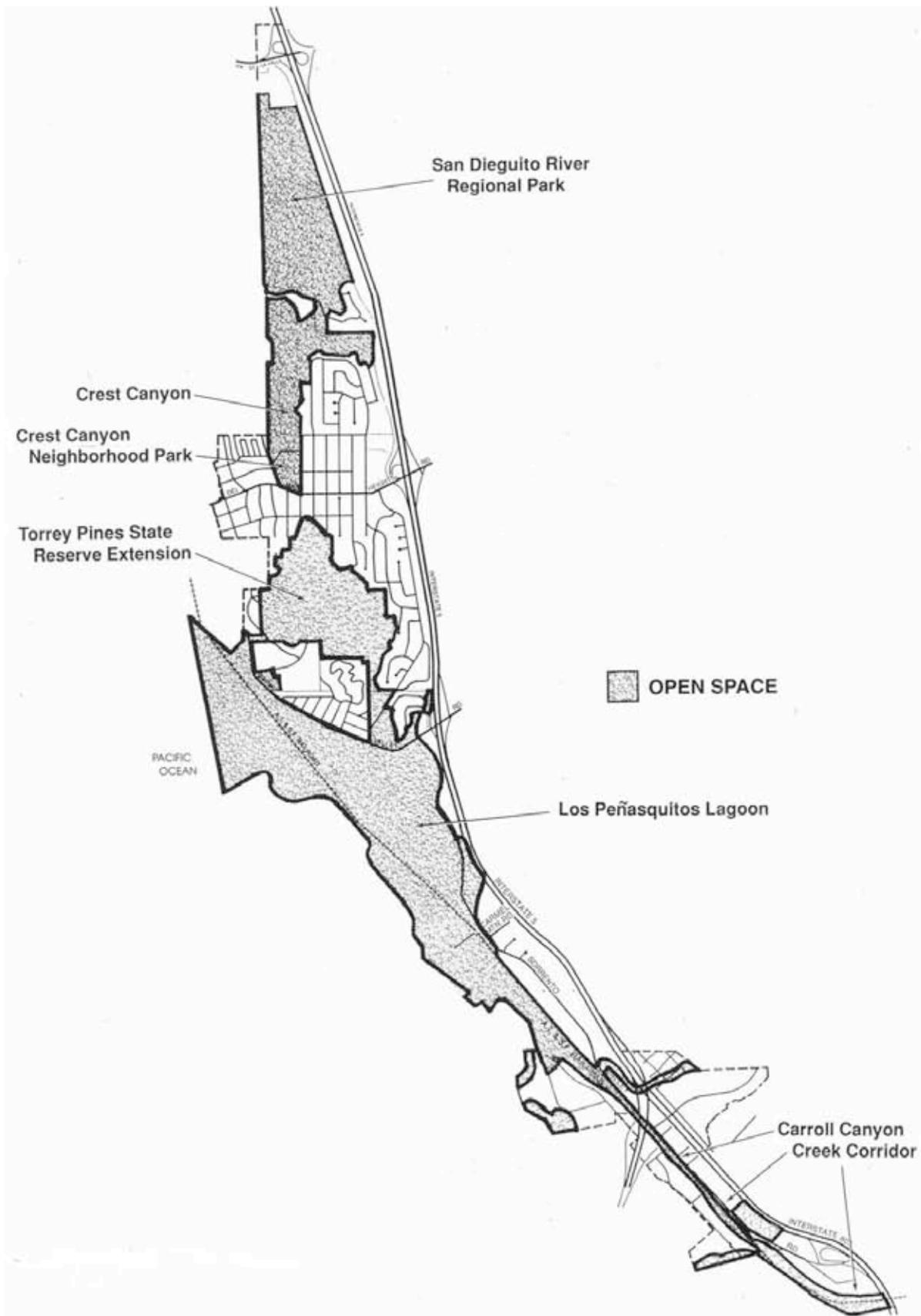
Except for a small portion at the south end of Sorrento Valley, all of the Torrey Pines community is in the Coastal Zone, and most of the wetlands, wetland buffers, shoreline coastal bluffs, and beaches are within the Sensitive Coastal Resource (SCR) Zone (see **Figure 5**).

The Torrey Pines community is rich in valuable biological resources. The most sensitive of these habitats include Coastal Marsh, Riparian, Coastal Mixed Chaparral, Chamise Chaparral, Coastal Sage Scrub, Grasslands, and Torrey Pine Woodland (please see Biologically Sensitive Habitats maps, **Figures 19-21**, within the **Appendix**). The Torrey Pines community is also rich in cultural resources, with over 25 prehistoric and historic archaeological sites recorded as of 1981.

The Sorrento Valley/Los Peñasquitos Lagoon area of the Torrey Pines community is the site of the prehistoric Indian village of Ystagua. Ystagua has archaeological remnants unique to the area, and is considered a Multiple Resource Area (MRA) by the National Register of Historic Places Guidelines. The site has extensive middens and artifacts, and has burial sites with cremation remains that are of special concern to local Native Americans. This area is believed to have been the center of a resource network in which prehistoric man visited the lagoon and surrounding area for food and raw materials for tools. The value of this area has been extensively documented in the ethnographic and archaeological record.

The California Environmental Quality Act (CEQA) directs agencies to inventory cultural resources under their jurisdiction, and requires projects to consider impacts to archaeological, historic, and Native American resources. The National Environmental Policy Act (NEPA) has made a national policy of preserving historic and cultural aspects of our national heritage. In addition, the General Plan discusses at length the “alarming rate of historical and archaeological site destruction” and the need for increased public efforts to slow the rate of destruction.

In addition to the sensitive coastal, biological and cultural resources found within the Torrey Pines community, several other environmental constraints exist including slopes of 25 percent or greater, floodplains, geologic hazards and wetlands (please see detailed Environmental Constraints maps, **Figures 22-24**, within the **Appendix**).



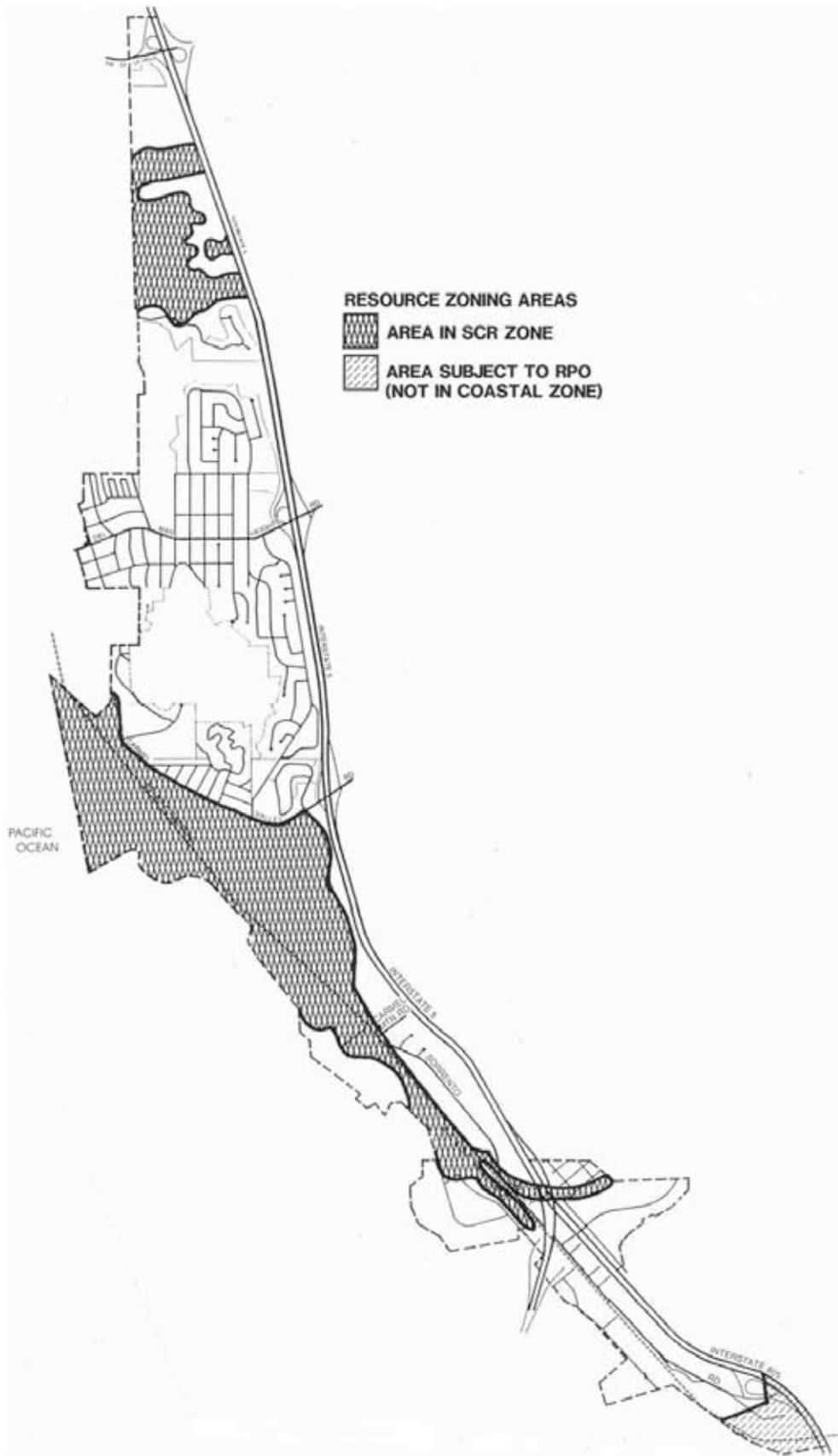
Designated Open Space
Torrey Pines Community Plan

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FIGURE

These biological and cultural resources continue to suffer degradation from a variety of sources. Los Peñasquitos Lagoon and the Carroll Canyon Creek corridor have been degraded by the development of adjacent residential and industrial properties, the construction of public utility and transportation projects, and increased sedimentation and decreased water quality from development in surrounding upstream communities. The Torrey Pines State Reserve Extension is impacted by residential encroachment from adjacent properties. Crest Canyon, because of its excellent access, is a heavily used area that suffers impacts from erosion. That portion of the San Dieguito River Valley Regional Open Space Park within Torrey Pines suffers from a history of sewage discharges, water diversions, sedimentation, human and pet intrusion, and extensive land filling for the Del Mar Racetrack and Fairgrounds.

GOALS

1. Ensure long term sustainability of the unique ecosystems in the Torrey Pines community, including all soil, water, air, and biological components that interact to form healthy functioning ecosystems.
2. Conserve, restore, and enhance plant communities and wildlife habitat, especially habitat for rare, threatened, and endangered species.
3. Retain viable, connected systems of wildlife habitat, and maintain these areas in their natural state.
4. Identify, inventory and preserve the unique paleontological, archaeological, Native American, and historic resources of Torrey Pines for their educational, cultural, and scientific values.
5. Preserve, enhance and restore all natural open space and sensitive resource areas, including Los Peñasquitos Lagoon and associated uplands, Torrey Pines State Park and Reserve Extension areas with its distinctive sandstone bluffs and red rock, Crest Canyon, San Dieguito Lagoon and River Valley, the Carroll Canyon Wetland/Wildlife Corridor through Sorrento Valley, and all selected corridors providing linkage between these areas.
6. Establish a pedestrian/bicycle pathway system that links all open space areas, from Carroll Canyon in the south to the San Dieguito River Valley in the north. This pathway system shall be provided concurrent with adjacent development, and shall be designed consistent with the design guidelines provided within this Plan.

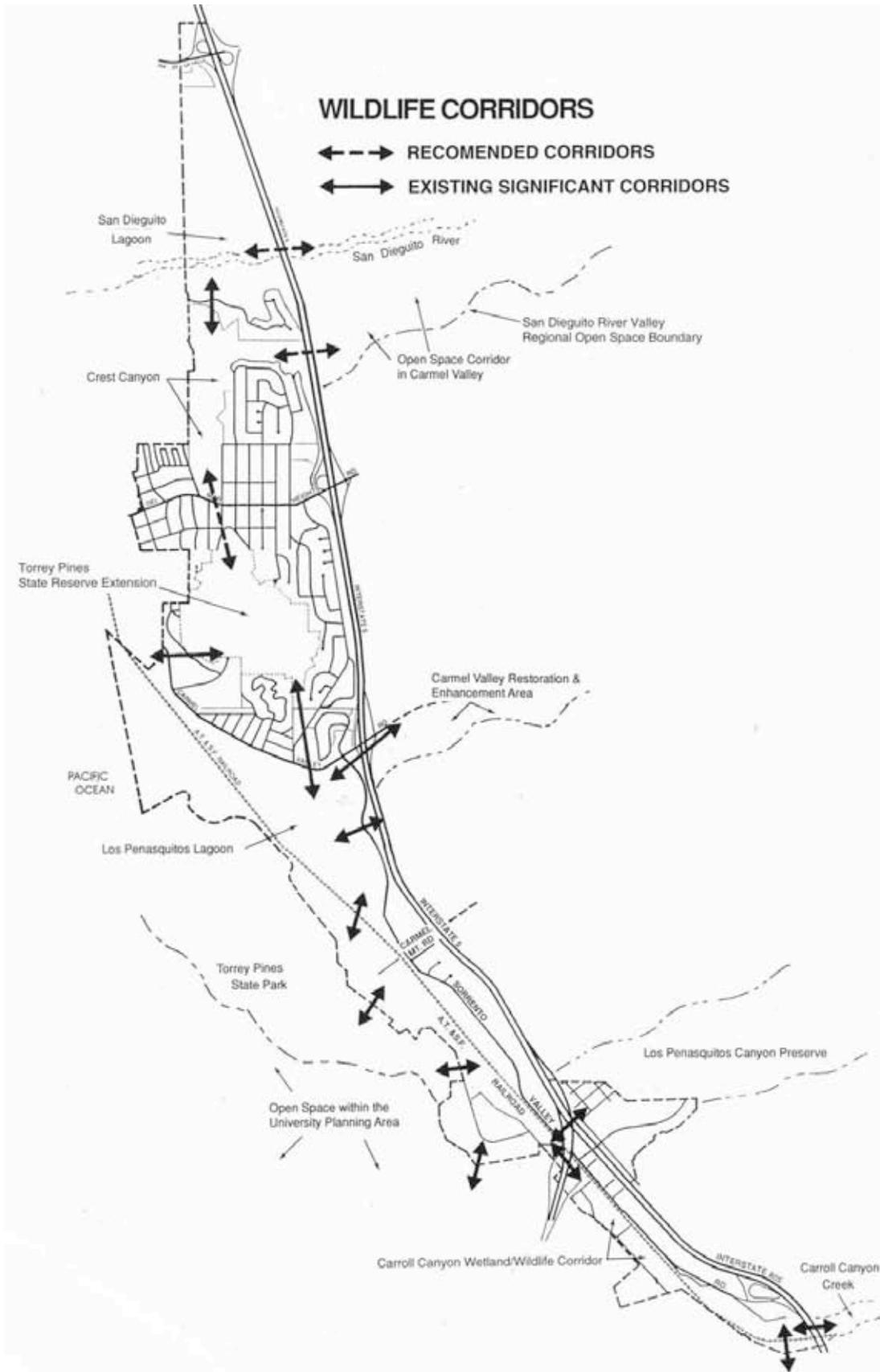


Resource Zoning Areas
Torrey Pines Community Plan

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 FIGURE

POLICIES

1. Land uses adjacent to environmentally sensitive habitats shall not negatively impact those areas.
2. Development impacts to rare, threatened, endangered, or candidate species shall be minimized or eliminated.
3. No filling, clearing, grubbing, or other disturbance of biologically sensitive habitats shall be permitted without approved mitigation plans.
4. Coastal lagoons and estuaries that are designated and zoned open space shall remain undeveloped.
5. Public access in areas of environmentally sensitive habitats shall be limited to low-intensity recreational, scientific, or educational use. Access shall be controlled or confined to designated trails or paths, and no access shall be approved which results in disruption of habitat.
6. New development adjacent to and impacting biologically sensitive areas shall be responsible for the restoration and enhancement of that area. In particular, when mitigation areas are needed for public projects, the disturbed areas in Crest Canyon should be revegetated with Coastal Mixed Chaparral and Torrey Pines.
7. Riparian vegetation in channels through the Sorrento Valley industrial area shall be preserved in its natural state in order to maintain its vital wildlife habitat value. When vegetation removal is necessary for flood control, the required state and federal permits shall be obtained.
8. Preserve and enhance all open space and wildlife corridors (see **Figure 6**), especially those linking Los Peñasquitos Lagoon with Torrey Pines State Reserve Extension and the Carroll Canyon Creek Corridor.
9. Crest Canyon shall be left in its natural state in order to preserve those biologically sensitive habitats identified within this park. A small portion of the parkland located adjacent to Del Mar Heights Road and Durango Drive should accommodate some limited passive park development.
10. Construction or improvements of roadways adjacent to biologically sensitive areas or open space shall be designed to avoid impacts, especially in wetlands and wetland buffer areas. Protection of sensitive habitats through buffers, realignments and reduced development areas shall also be considered.
11. New development, both public and private, should incorporate site planning and design features that avoid or mitigate impacts to cultural resources. When sufficient plan flexibility does not permit avoiding construction on cultural resource sites, mitigation shall be designed in accordance with guidelines of the State Office of Historic Preservation and the State of California Native American Heritage Commission.



Wildlife Crossings/Linkages
Torrey Pines Community Plan

6
 FIGURE

12. Maintain regulations that prohibit contaminated runoff from reaching any of the sensitive open space areas designated in this Plan.
13. Conditions of approval for all development that impacts adjacent open space areas should include restoration and enhancement measures for that particular area.
14. All Torrey Pine trees on public property should be preserved and protected.
15. Provide pedestrian/bicycle linkages so that all open space areas will be connected.

SPECIFIC PROPOSALS

Wildlife Crossings/Linkages

There are a number of existing and proposed wildlife crossings or linkages identified within the community planning area. These crossings are connections between open space systems that allow wildlife to pass unencumbered. As shown in **Figure 6**, there are presently 14 designated crossings throughout Torrey Pines. A majority of these crossings link Torrey Pines State Reserve with the reserve extension, Carroll Canyon Wetlands/Wildlife Corridor and the Los Peñasquitos Canyon Preserve. Those crossings, shown to link across I-5 and Interstate 805 (I-805), are coordinated with existing underpasses and bridges.

There are three additional crossings recommended within the Plan, located in the northern portion of the planning area. These linkages would allow wildlife passage between the Torrey Pines State Park Reserve Extension and Crest Canyon, between Crest Canyon and the San Dieguito River Valley, and between the San Dieguito Lagoon and San Dieguito River Valley.

San Dieguito Lagoon and River Valley

Approximately 200 acres of the San Dieguito River Valley Regional Open Space Park Focused Planning Area is encompassed within the northern portion of the Torrey Pines community planning area. This regional open space system extends for 55 miles from its source on Volcan Mountain, near Julian, to the ocean between Del Mar and Solana Beach.

The San Dieguito Lagoon is one of the few remaining coastal wetlands in California. It is a habitat for many threatened species, such as the endangered Least Tern. It is a critical site on the Pacific Flyway, which is rapidly being destroyed by development. Every effort should be made to protect and enhance this resource, including following the policies, some of which are contained within the San Dieguito Lagoon Enhancement Program.

1. New development or expansion of existing uses adjacent to the lagoon shall not encroach into or negatively impact this open space area.
2. The lagoon should be enlarged to enhance plant and animal habitats, and to create a sufficient tidal prism to ensure adequate water circulation and to keep the mouth of the river open.
3. The existing fairgrounds and parking shall be enhanced with landscaping and the sensitive habitat areas shall be buffered from fairgrounds activity. Activities of the 22nd Agricultural District shall not encroach into open space areas.
4. Development adjacent to the lagoon should be designed to avoid sedimentation, erosion or other potential impacts that degrade the quality of the water resources, and should preserve existing public views. The following measures to reduce grading impacts should be utilized where appropriate: minimize grading during the rainy season, install sediment basins and/or energy dissipating structures, and ensure revegetation and stabilization of slopes before the onset of the rainy season. To reduce visual impacts, development should be low-profile and screened from view by landscaped buffers.
5. Within the 100-year floodplain fringe of the San Dieguito River, fill for roads and other public improvements and/or permanent structures will be allowed only if such development is consistent with uses allowed pursuant to the A-1-10 Zone and other existing zoning, is capable of withstanding periodic flooding, and does not require the construction of offsite flood protective works. The following requirements shall also be met:
 - Existing environmentally sensitive habitat areas will not be significantly affected, and, that as a condition of development, significant new riparian corridors will be planted and maintained to function as enhanced wildlife corridors.
 - The design of the development incorporates the findings and recommendations of both a site-specific and coastal watershed hydrologic study in order that the development either assures that there will be no increase in the peak runoff rate from the fully developed site, and neither significantly increase nor contributes to downstream bank erosion and sedimentation, including wetlands, lagoons, and other environmentally sensitive habitat areas.
 - There will be no significant adverse water quality impacts to downstream wetland, lagoon and other environmentally sensitive habitat areas.
6. Protect, preserve and enhance the variety of natural features within the San Dieguito River Valley including the floodplain, the open waters of the lagoon and river, wetlands, marshlands and uplands.
7. Maintain and enhance the experience of nature within the lagoon by screening present conflicting uses, prohibiting future conflicting uses, retaining natural areas and promoting an expanded water body within the lagoon.

Crest Canyon

Crest Canyon is composed of 134 acres of open space and ten acres of land dedicated by ordinance as a neighborhood park. It extends north from Del Mar Heights Road to San Dieguito Valley and includes native Coastal Sage Scrub, Torrey Pines Woodland, sandstone cliffs, and steep slopes.

1. The neighborhood park portion of Crest Canyon shall have limited development on the 1.5+ acres of semi-level land adjacent to view points, benches, trail heads, information signs and decomposed granite trails except where disabled access is viable.

The open space portion of the canyon shall be preserved. Limited public access shall be provided by defined trails under standards established for the preservation of biologically sensitive plants and wildlife.

2. Design of dwelling units adjacent to State Reserve Extension and Crest Canyon shall stress a blending of architecture with the natural terrain. Architectural shapes, bulk, materials, and landscaping should be carefully chosen to respect the physical constraints of the land.

Torrey Pines State Reserve Extension

The Torrey Pines Reserve Extension includes over 180 acres of undeveloped property containing high quality Torrey Pines woodland habitat. The Reserve is an extension of Torrey Pines State Park, and is owned by and under the jurisdiction of the State of California Park and Recreation Department.



Residential development along the rim of the Reserve Extension represents the most significant encroachment problem, creating both visual and erosion impacts.

1. New development, both public and private, shall not encroach into or negatively impact the Reserve Extension. Adequate buffer areas and appropriate landscaped screening shall be provided and maintained between development and the Reserve Extension to avoid significant visual and erosion impacts from construction.
2. Both wildlife corridors (Portofino and Via Mar Valle) shall be preserved and enhanced to provide appropriate wildlife linkage to Los Peñasquitos Lagoon.
3. Future development adjacent to the Torrey Pines Reserve Extension area shall provide for adequate buffer areas. Development proposals shall provide adequate setbacks to avoid significant erosion, visual, or sediment impacts from construction. Setbacks also shall be provided to prevent the necessity of firebreaks being constructed on reserve property.
4. Landscaping of properties adjacent to the Extension shall not use invasive plant species. Landscaping adjacent to this area should use plant species naturally occurring in that area.

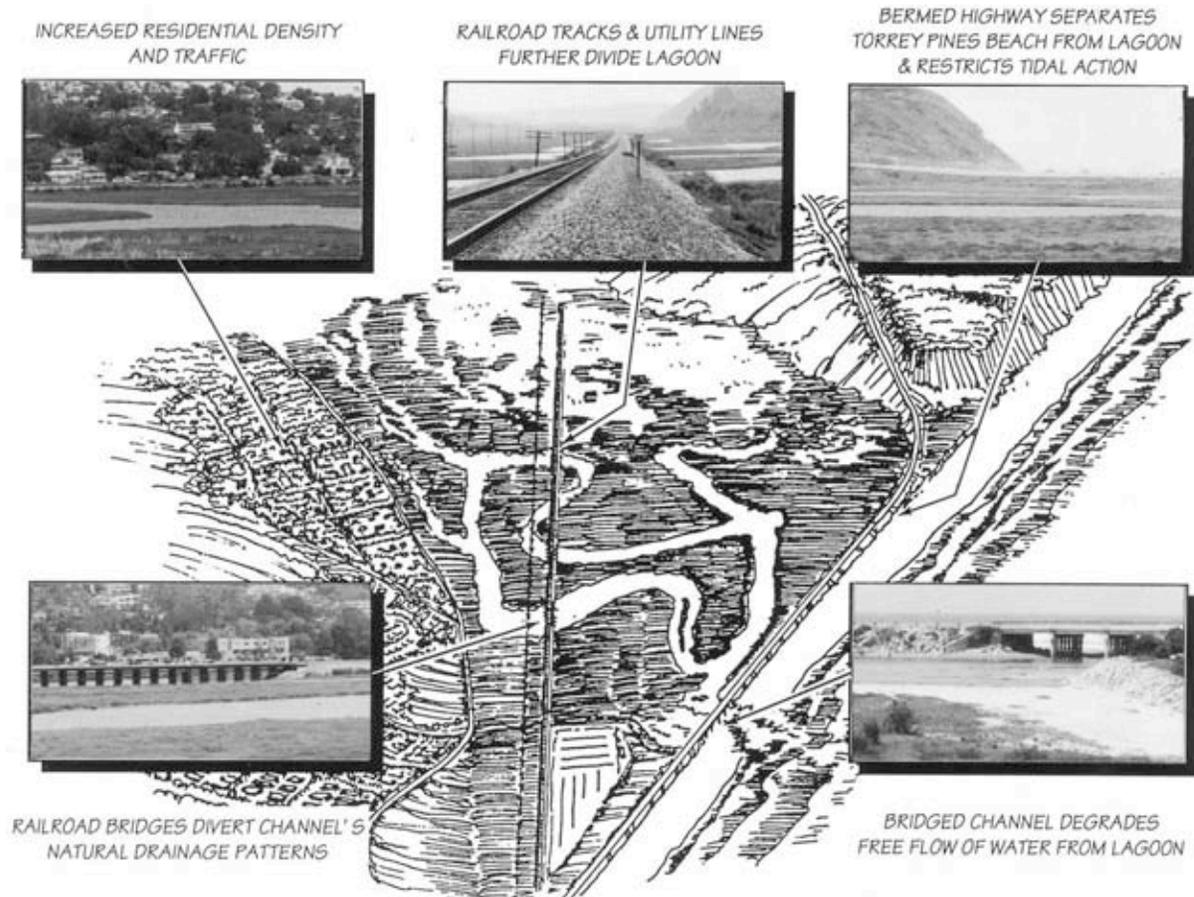
Los Peñasquitos Lagoon

Los Peñasquitos Lagoon is one of the few remaining tidal estuaries in Southern California and is particularly important among San Diego County's estuaries because of its proximity to the Torrey Pines State Reserve and Beach. The lagoon and associated upland serves as a major stopping point for migratory birds and also has a large residential bird population. Los Peñasquitos Lagoon is a good example of the unique biological community of plants associated with the transition zone between marine and fresh water environment.

The reserve extension is isolated from Torrey Pines State Park, is surrounded on all sides by residential development, and is linked inadequately to Los Peñasquitos Lagoon through two corridors. One corridor links the southeast portion of the reserve to the lagoon by traversing Portofino Drive and Carmel Valley Road, and the other is in the southwest portion of the reserve just south of Via Mar Valle.

In the past sixty years, Los Peñasquitos Lagoon has evolved from a tidal estuary to a lagoon that is closed to tidal action for long periods of time. The major factors degrading the lagoon have been: 1) The construction of a railroad embankment that cut off lagoon channels; 2) The construction of North Torrey Pines Road and bridge along the barrier beach that restricted the location of the lagoon mouth; 3) Construction of the north beach parking lot in historic tidal areas; 4) Increased sediment from changing land uses upstream, and; 5) Decreased water quality from urban runoff and sewage effluent.

Los Peñasquitos Lagoon Impacts



The Plan concurs with the Los Peñasquitos Lagoon Enhancement Plan and Program, which has been developed to provide the measures necessary for restoring and enhancing the environmental qualities of the lagoon, including:

1. Development of new public facility and utility projects that traverse or impact Los Peñasquitos Lagoon should either be rerouted out of the lagoon, or be designed to minimize or eliminate impacts to the lagoon. Mitigation for these projects should include restoration and enhancement to the lagoon.
2. Any future improvements to the railroad, roads or utilities traversing Los Peñasquitos Lagoon shall be designed to enhance the health and ecological value of the lagoon, as recommended in the Los Peñasquitos Lagoon Enhancement Plan and Program.
3. Any improvements to roadways adjacent to or bordering the lagoon (Carmel Valley Road, Sorrento Valley Road, North Torrey Pines Road) shall not encroach within the wetland area of the lagoon, unless specifically authorized herein.
4. All wetland/wildlife corridor links to the lagoon including the links from Los Peñasquitos Canyon Preserve, Carroll Canyon and the Torrey Pines Reserve Extension area shall be enhanced and protected.

5. Plans for future removal or rerouting of the electrical utility lines that transect Los Peñasquitos Lagoon shall be given high priority.
6. Public access and educational opportunities shall be provided consistent with resource protection.
7. The lagoon mouth shall be opened regularly (or as recommended in the Los Peñasquitos Lagoon Restoration and Enhancement Plan) to enhance the health and ecological value of the lagoon.
8. Erosion and siltation control measures shall be required for all developments proposed within the total watershed of Los Peñasquitos Lagoon.
9. Any future changes in the design of the North Torrey Pines Road and bridge shall be designed such that the ecosystem of the lagoon is maintained and, if possible, enhanced.
10. Applicants for coastal development permits for projects located in the watershed of Los Peñasquitos Lagoon shall, in addition to meeting all other requirements, enter into an agreement with the City of San Diego and the State Coastal Conservancy as a condition of development approval to pay a Los Peñasquitos watershed restoration and enhancement fee to the Los Peñasquitos Lagoon Fund for restoration of the Los Peñasquitos Lagoon and watershed.

Carroll Canyon Wetland/Wildlife Corridor

This open space corridor runs the length of Sorrento Valley and provides an important linkage between Carroll Canyon and Los Peñasquitos Lagoon. The majority of this corridor is privately owned and consists primarily of wetlands containing riparian vegetation. Some portions of this corridor have been channelized and most of it has experienced urban encroachment. However, this area continues to support riparian habitat and provides a significant linkage for many plant and animal species between two significant open space resource areas.

1. All new development proposed adjacent to this open space corridor shall incorporate the urban design guidelines located within the **Industrial Element** as appropriate.
2. New development proposed adjacent to this open space corridor shall not contribute to increased sediment loading of the wetland, disturbance of its habitat values, or otherwise impair the functional capacity of the wetland.
3. New development proposed adjacent to and impacting this open space corridor shall enhance and improve the habitat value of this system.
4. All mature trees and other significant existing vegetation in this system shall be protected, including the riparian habitat located in the existing concrete-lined channels.

5. All new development proposed adjacent to this corridor shall submit a pedestrian/bicycle pathway plan, indicating the construction of their portion of the pathway consistent with the community-wide pathway system and the industrial development design guidelines contained in the **Industrial Element**.
6. Within the 100-year floodplain fringe of Sorrento Valley, fill for roads, public improvements, or other permanent structures will only be allowed if it can be shown that all of the following will be met:
 - a. Existing environmentally sensitive habitat areas will not be significantly adversely affected.
 - b. Increased erodible flood flow velocities will not occur.
 - c. Areas to be filled do not create unplanned detention/siltation.
 - d. Any loss or degrading of existing wildlife habitat areas will be appropriately mitigated.
 - e. Increases in post-construction runoff and sediment above the ten-year storm frequency preconstruction condition, will be mitigated.
 - f. Appropriate upstream national pollution discharge elimination system criteria will be implemented to maintain the water quality of the downstream wetlands.
 - g. If existing sensitive environmental areas are affected, then suitable mitigation will be provided.

Brush Management

Because of the abundance of natural open space areas including canyons rich with native vegetation, special brush management consideration and enforcement should be provided within the Torrey Pines planning area.

Currently all development within Torrey Pines must comply with the Uniform Fire Code and Section 6 (Brush Management) of the City of San Diego's Landscape Technical Manual. In summary, these codes state that brush or native vegetative growth on steep slopes must be controlled to protect existing and proposed structures from fire hazards.

The Torrey Pines community includes numerous publicly-owned open space areas containing biologically sensitive wildlife and vegetation. In most cases, the vegetation provides the very basis for the biological community that exists within these public areas. Removal or disturbance of vegetation to reduce wildfire potential can be ecologically disruptive. In order to protect these sensitive areas, resource management policies of the City of San Diego and the State of California discourage the removal of vegetation for wildfire reduction within public parkland when it becomes ecologically disruptive.

Ecologically beneficial methods to reduce wildfire potential in public parklands do exist. Prescribed fire, which mimics a natural process, is an example of an ecological, efficient and effective means of reducing wildfire danger. Alternatives that balance the needs for resource management with public safety should continue to be explored through the cooperative efforts of the citizens and responsible public agencies.

IMPLEMENTATION

The specific proposals and design guidelines for development adjacent to environmentally sensitive areas currently can only be implemented through the discretionary review process. The update to the City's zoning code should establish new zones that provide adequate development regulations to protect the City's sensitive environmental resources.

Appendix E of this Plan contains additional land use policies developed by the City of San Diego and approved by the Coastal Commission that are incorporated into this Plan and which apply to all development located in the coastal zone.

In order to implement the open space recommendations of this plan, all properties designated open space and recommended to be preserved as open space shall be rezoned to the appropriate Open Space (OS) Zone (see **Figure 25** in the **Appendix**).

Several properties within the planning area are designated but not zoned open space. Most of these areas are privately owned, and contain some limited sensitive cultural or biologically sensitive resources. These areas and all areas covered by this Plan should be allowed to develop in compliance with the underlying zone as well as all applicable resource protection regulations such as the Sensitive Coastal Resource Zone, Hillside Review, Coastal Regulations, Archaeology/Paleontology Regulations, Flood Plain and Floodway Ordinances, etc.

ACTION PLAN

| Implementation Measures | Timing | Responsibility for Implementation | Source of Funding |
|---|---|---|--|
| Reduce or eliminate impacts to environmentally sensitive areas. | During review and analysis of project | Planning Department, Coastal Commission | Project Applicant |
| Create/implement restoration and enhancement plans for those areas impacted by new development. | Add as condition at time of project approval | Planning Department, Coastal Commission | Project Applicant |
| The design of transportation improvements shall minimize or eliminate impacts to Los Peñasquitos Lagoon. | During preliminary design stage | The Preliminary Engineering Section of the Engineering & Development Department | City of San Diego, CIP and/or FBA |
| Implement runoff and erosion control measures to reduce siltation in Los Peñasquitos Lagoon. | Erosion control plans to be submitted with project. | Planning Department, Coastal Commission | Project Applicant |
| Where feasible, remove or reroute public utilities from within Los Peñasquitos Lagoon. | At time of utility improvements or replacement | SDG&E, Water Utilities | SDG&E, City of San Diego |
| Preserve significant Torrey Pine trees on public property. | Immediately | City of San Diego, State of California | City of San Diego, State of California |
| Preserve those wildlife corridors that link Los Peñasquitos Lagoon with Torrey Pines State Reserve Extension and the Carroll Creek Canyon Corridor. | Adoption of this Plan which designates and rezones these areas as Open Space | Planning Department, City Council, Coastal Commission | State of California |
| Open mouth of Los Peñasquitos Lagoon to enhance the ecological value of the lagoon. | Regularly, as recommended in the Los Peñasquitos Restoration and Enhancement Plan | City of San Diego | State of California |
| Seek alternative funding sources to provide for the sensitive design of public utility and facility projects adjacent to sensitive environmental areas. | Immediately | The Preliminary Engineering Section of the Engineering & Development Department | City of San Diego |
| Enhance and protect San Dieguito Lagoon. | Immediately | Adjacent Public Jurisdiction | Public |
| Preserve those wildlife corridors that link Los Peñasquitos Lagoon with Torrey Pines State Reserve Extension and the Carroll Creek Corridor. | Adoption of this Plan which designates and rezones these areas as Open Space | Planning Department, City Council, Coastal Commission | City of San Diego |
| Open mouth of Los Peñasquitos Lagoon to enhance the ecological value of the lagoon. | Regularly, as recommended in the Los Peñasquitos Restoration and Enhancement Plan | City of San Diego | City of San Diego |

ACTION PLAN (continued)

| Implementation Measures | Timing | Responsibility for Implementation | Source of Funding |
|---|---------------|---|--------------------------|
| Seek alternative funding sources to provide for the sensitive design of public utility and facility projects adjacent to sensitive environmental areas. | Immediately | The Preliminary Engineering Section of the Engineering & Development Department | City of San Diego |
| Enhance and protect San Dieguito Lagoon. | Immediately | Adjacent Public Jurisdiction | Public |



TRANSPORTATION ELEMENT

TRANSPORTATION ELEMENT

BACKGROUND AND ISSUES

A majority of the most significant traffic issues identified by the community were related to safety. Del Mar Heights Road, because of its width, traffic volumes and speed, is perceived by many residents as a major barrier dividing the community in two. Many children are bused only a few blocks to school to avoid having to cross Del Mar Heights Road on foot. Residents have identified a variety of additional traffic concerns including the lack of efficient pedestrian circulation, illegal excessive speeds on Del Mar Heights Road and Carmel Valley Road, increasing traffic volumes and congestion overall, overflow beach parking during summer weekends, the substandard street conditions in the Del Mar Terrace neighborhood and traffic impacts from regional growth including the construction of State Route 56 (SR-56).

The Torrey Pines community faces the challenge of planning and developing a transportation system that accommodates future traffic volumes, emphasizing mass transit, without disrupting the community's unique environment and the lifestyle of its residents.

The traditional services provided by a community's traffic circulation system are internal circulation from one part of the community to another and a means of connecting the entire community to other communities. Because of its location at the northern extent of the City of San Diego and its long, thin shape, the Torrey Pines circulation system must also carry through traffic (i.e., traffic without an origin or destination within the community). The Torrey Pines community forms a long, narrow area along I-5 and I-805 through which all east-west traffic must pass. Among the areas to be served are the city of Del Mar, the beaches, the fairgrounds-race track area and other residential areas. The uses of some of these facilities (beaches and race track) vary considerably from winter to summer and thus cause a seasonal variation in traffic between these time periods.

In February 1992, a Transportation Study was completed in association with the Torrey Pines Community Plan Update. This study contained an analysis of existing transportation conditions, as well as documentation of the travel forecast used in the analysis of future transportation conditions. The Transportation Study indicated that existing daily traffic volumes on North Torrey Pines Road, Sorrento Valley Road, Via De La Valle and Carmel Valley Road exceeded their approximate maximum desirable average daily traffic. The study also found that three intersections operated with a level of service (LOS) below C including:

Carmel Valley Road/Sorrento Valley Road (LOS D)

Carmel Valley Road/North Torrey Pines Road (LOS F)

Sorrento Valley Road/Sorrento Valley Boulevard (LOS D)

Some of the potential problems associated with levels of service D or greater include congestion, delay and air quality impacts. Intersection Level of Service analyses were then performed using projected traffic at buildout of the Plan and surrounding communities and jurisdictions. Analyses assumed existing road geometrics. Six intersections had LOS greater than C:

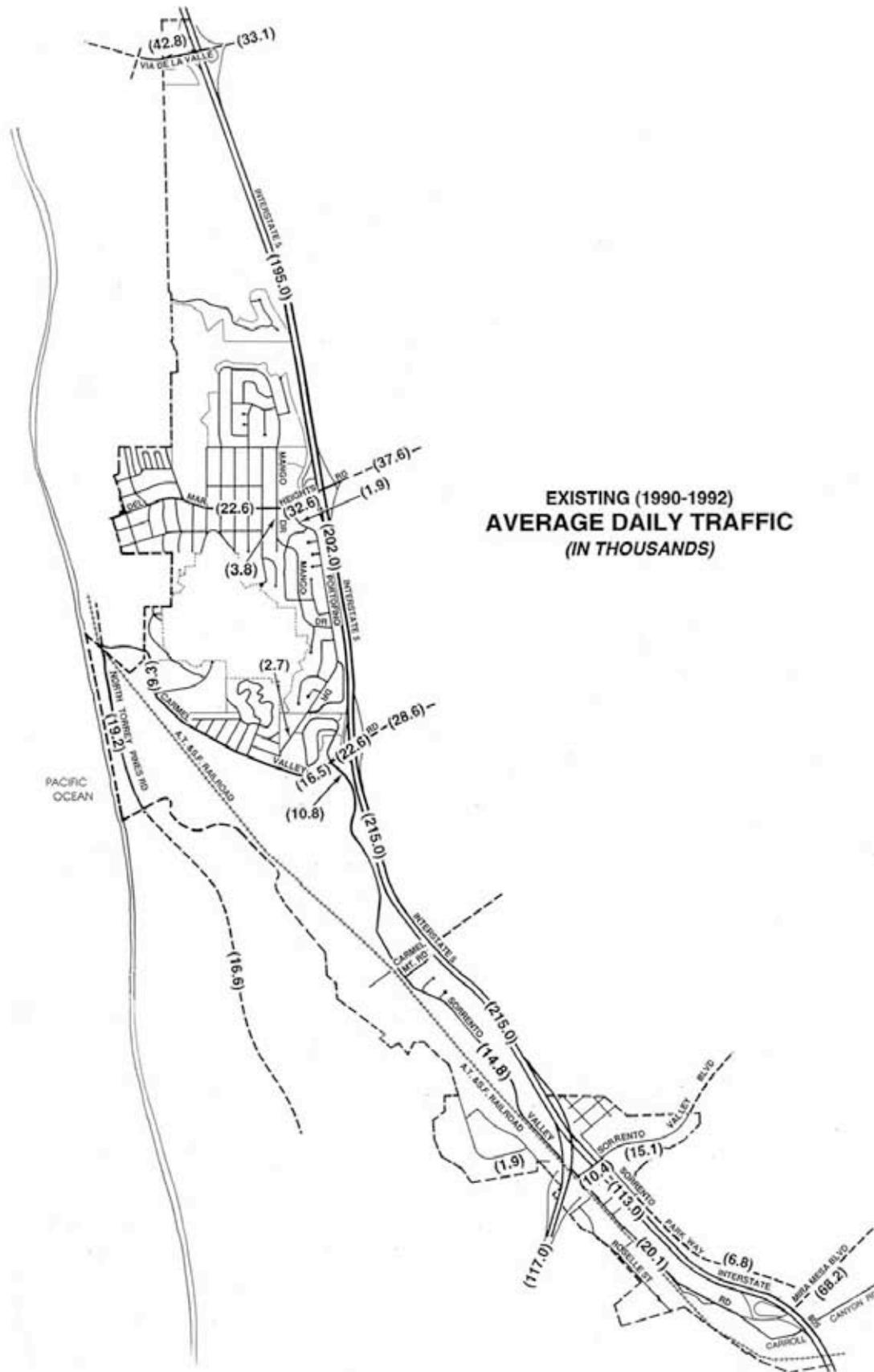
Carmel Valley Road/Sorrento Valley Road (LOS D/E)
Del Mar Heights Road/Mango Drive (LOS D)
Sorrento Valley Road/Sorrento Valley Boulevard (LOS D)
Sorrento Valley Boulevard/Vista Sorrento Parkway (LOS E)
Carmel Valley Road/North Torrey Pines Road (LOS F)
Del Mar Heights Road/Camino Del Mar (LOS D)

Because of the potential impacts associated with locations where LOS is greater than D, the intersection of Carmel Valley Road/North Torrey Pines Road, Carmel Valley Road/Sorrento Valley Road, and Sorrento Valley Road/Vista Sorrento Parkway were reanalyzed with transportation improvements. These recommended transportation improvements caused the Carmel Valley Road/North Torrey Pines Road intersection (located in the City of Del Mar) to improve from F to D/E, and the Carmel Valley Road/Sorrento Valley Road intersection to improve from D/E to C and the Sorrento Valley Road/Vista Sorrento Parkway intersection to improve from E to C.

These road improvements, as well as all other recommended improvements to the community's transportation system, can be found in the Specific Proposals section of this element.

GOALS

1. Provide an efficient, safe and environmentally sensitive transportation system.
2. Ensure that transportation improvements do not negatively impact the numerous open space systems located throughout the Torrey Pines community.
3. Provide a transportation system that maximizes the opportunities for public transit use, especially in Sorrento Valley.
4. Provide a system of bikeways and pedestrian facilities that will encourage bicycling and walking as means of transportation.
5. Provide a transportation system that provides convenient linkages to the community's activity centers and to the rest of the metropolitan region.
6. Provide a safe and environmentally sensitive improvement of the Del Mar Terrace neighborhood streets.
7. Provide a transportation system that encourages the use of mass transit, rather than building and/or widening roads and freeway.
8. Investigate the feasibility of providing seasonal shuttle service.



Existing (1990-1992) Average Daily Traffic
Torrey Pines Community Plan

8
FIGURE

POLICIES

1. The construction of new roads or improvements to existing roads adjacent to open space areas shall mitigate impacts through the restoration and enhancement of that open space system to the maximum extent feasible.
2. When road improvements are proposed, those portions that traverse sensitive areas (water courses, wildlife corridors, sensitive biological areas, etc.) shall be designed to reduce or eliminate impacts to those areas.
3. Improved public transit service should be provided to the Torrey Pines community, especially to the employment area of Sorrento Valley and the North Torrey Pines mesa area. Regular bus service, light rail transit and commuter rail should link the Torrey Pines community with the regional transportation network.
4. Provide bikeway and pedestrian paths that link all areas within the community, as well as linking Torrey Pines with surrounding communities and jurisdictions.
5. Provide improvements to the road network that will facilitate traffic circulation without negatively impacting adjacent open space areas and residential neighborhoods.
6. Require that Transportation Demand Management strategies are implemented within the Sorrento Valley industrial area. Provide bicycle racks/lockers, showers, and locker room facilities for employees who bike or walk to work.
7. All available traffic measures that improve pedestrian safety on Del Mar Heights Road should be investigated, and where feasible, implemented.

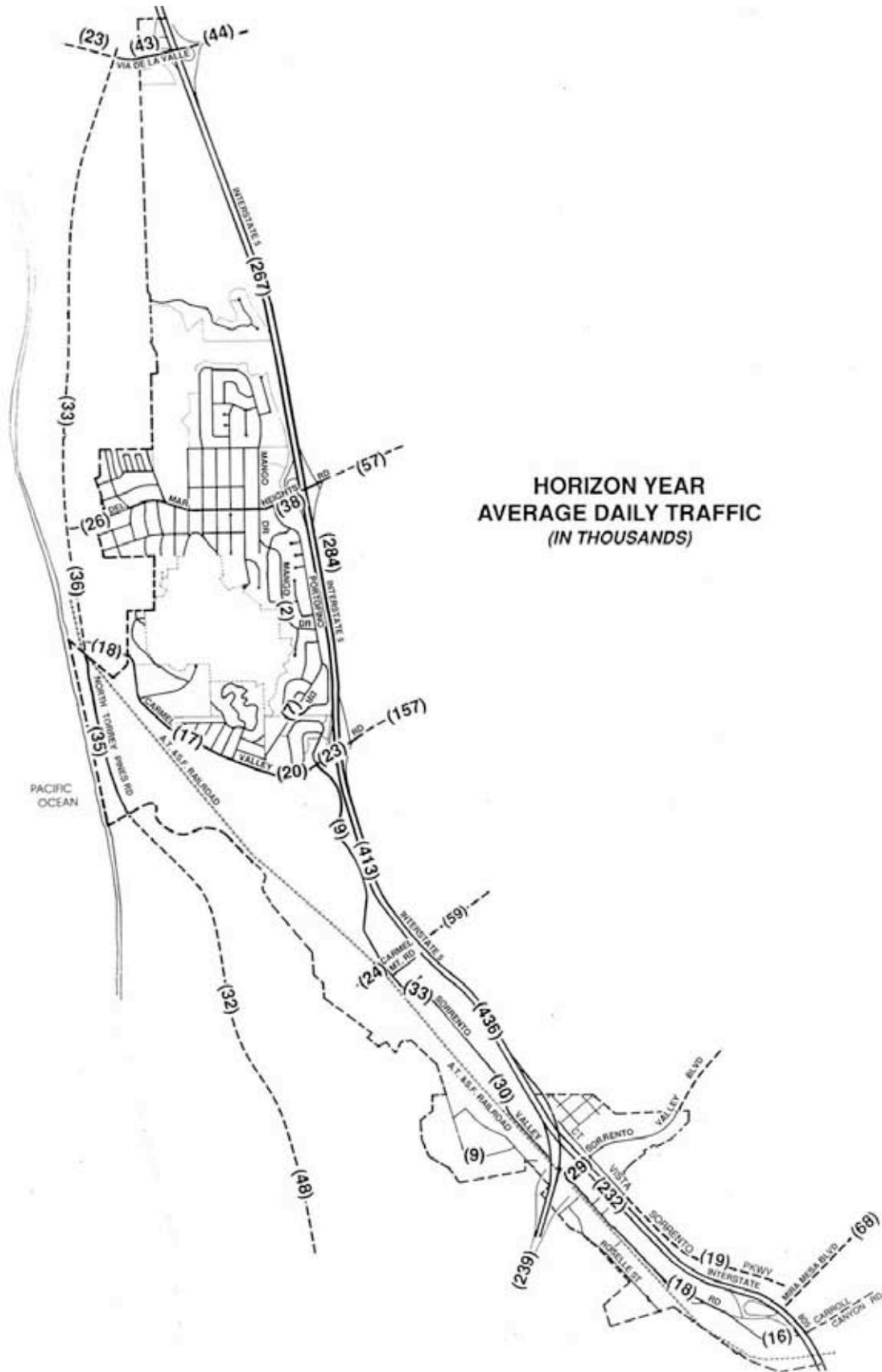
SPECIFIC PROPOSALS

Traffic Volume Trends

Torrey Pines existing traffic counts for 1990 are shown in **Figure 8**, and projected (Horizon Year) traffic volumes are shown in **Figure 9**. It should be noted that the projected traffic volumes were generated using an adjusted version of SANDAG's calibrated mid county model which assumed buildout of the Torrey Pines Community Plan, buildout of surrounding communities and jurisdictions, buildout of all surrounding planned circulation improvements, and a 40 percent drive alone rate (a regional goal).

Bikeways

The City of San Diego has actively pursued the establishment of a commuter-oriented bikeway system in the City. The purpose of the bikeway system is to encourage the use of bicycles as a transportation mode especially in place of single occupant motor vehicles. It is expected that the increased use of bicycles as a transportation mode will help reduce air pollution and traffic congestion. There are three classifications of bikeway facilities. Class I (bike paths), Class II (bike lanes) and Class III (bike routes). See **Figures 10 and 12** for details.



Horizon Year Average Daily Traffic
Torrey Pines Community Plan

9
FIGURE



The majority of the existing bikeways in the Torrey Pines community are Class II bike lanes. Bicyclists are allowed to use I-5 shoulders between the Genesee Avenue and the Sorrento Valley Road interchanges.

The following Class I bicycle path projects have been proposed within the Torrey Pines community. The Carmel Valley Road bicycle path is proposed to be constructed along the south side of Carmel Valley Road between McGonigle Road and Sorrento Valley Road. The San Dieguito River Valley bicycle path, a planned 55-mile regional bicycle path, will parallel the San Dieguito River. The Coastal bicycle path is proposed to be built within the A.T.&S.F. Railroad right-of-way between downtown San Diego and Oceanside.

Class II bicycle lanes are planned along the northern portion of Sorrento Valley Road between Carmel Valley Road and the Sorrento Valley Industrial Park.



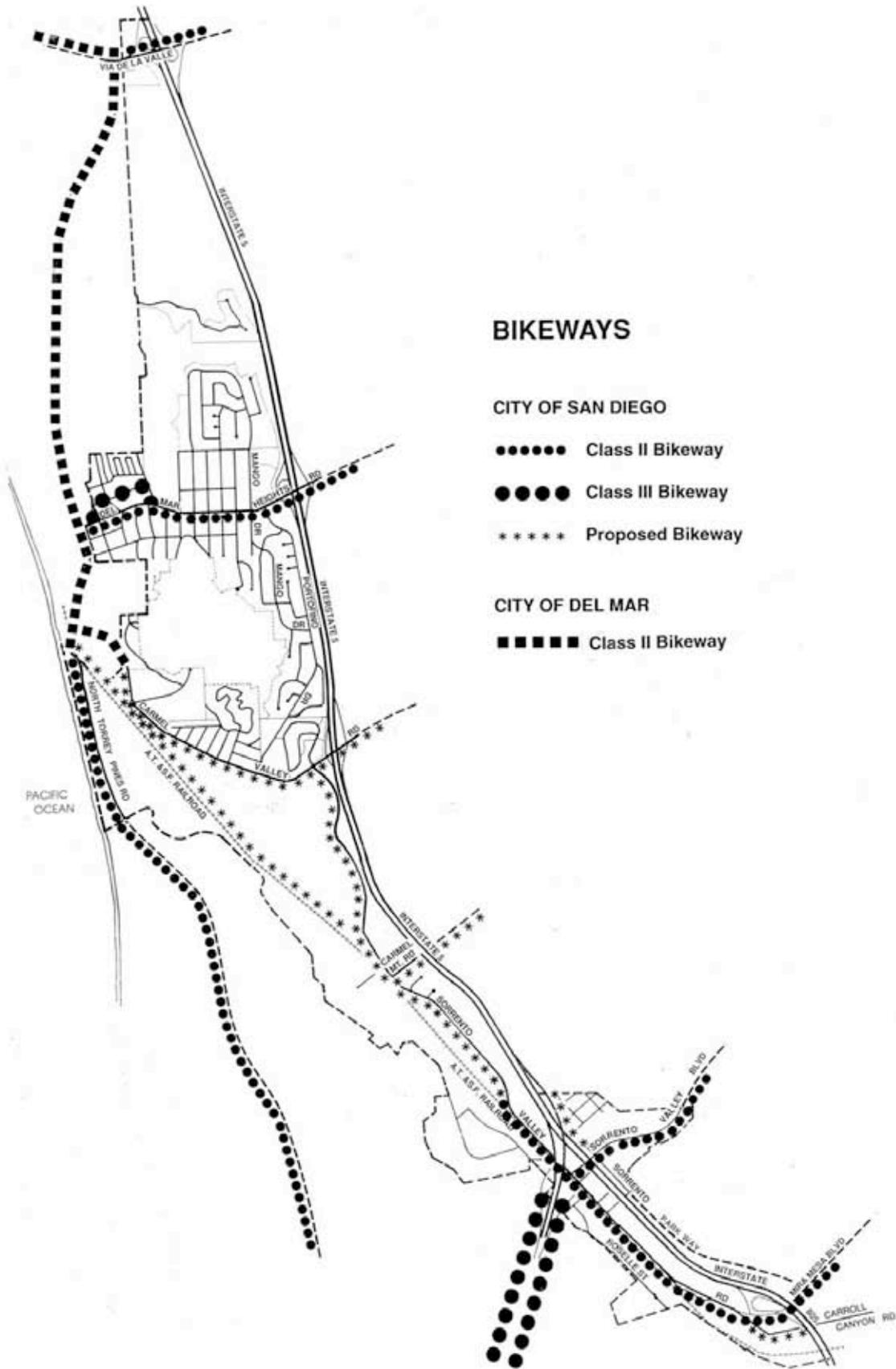
Bicycle/Pedestrian Path Concept Sketch

Pedestrian Paths

Primary pedestrian routes should be well lit and located along or visible from the street. Wherever possible, trees planted in parkways or tree wells should line the street to create shade and a buffer between pedestrians and the street.

Mass Transit

Currently, only one bus line provides service between downtown and the Torrey Pines community planning area. The San Diego County Transit System provides express service (Route 800) between Oceanside and downtown with one stop at the park-and-ride facility located on the southwest corner of I-5 and Carmel Valley Road. The North County Transit District, Route 301, operates along North Torrey Pines Road and provides shuttle service to the annual Fair and thoroughbred racing during the summer months. In addition, future mass transit plans by the Metropolitan Transit Development Board (MTDB) include a variety of mass transit service improvements.



Bikeways

Torrey Pines Community Plan

10
FIGURE

Light Rail Transit (LRT)

MTDB's long-range plans include extending the LRT line north along I-5 to Oceanside. The LRT alignment would extend north along the I-5 corridor with future potential LRT stations within Sorrento Valley near the I-5/I-805 intersection, and on the east side of I-5 both at Carmel Mountain Road and Carmel Valley Road (see **Figure 11**).

Commuter Rail

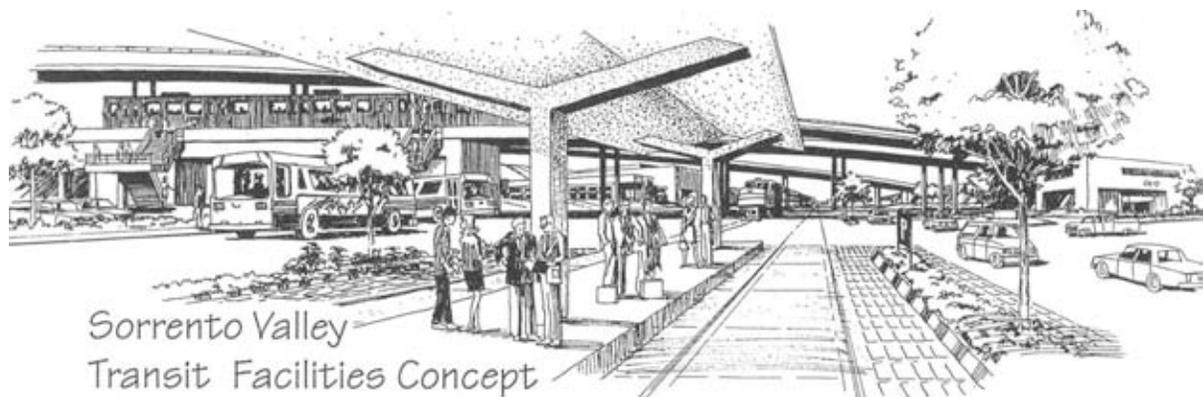
The North County transit district is in the process of implementing a plan for a commuter rail line that would provide mass transit service to those communities along I-5 between Oceanside and San Diego. The commuter rail line would use the existing Santa Fe Railroad right-of-way through Sorrento Valley (see **Figure 11**) with a station within Sorrento Valley near the I-5/I-805 interchange.

Bus Service

MTDB's short-range transit plan identifies a need for one new bus service line to serve the Torrey Pines area. Route 961, while currently unfunded, would operate from Carmel Valley to University Towne Centre, with service to Sorrento Valley and Sorrento Mesa (**Figure 11**).

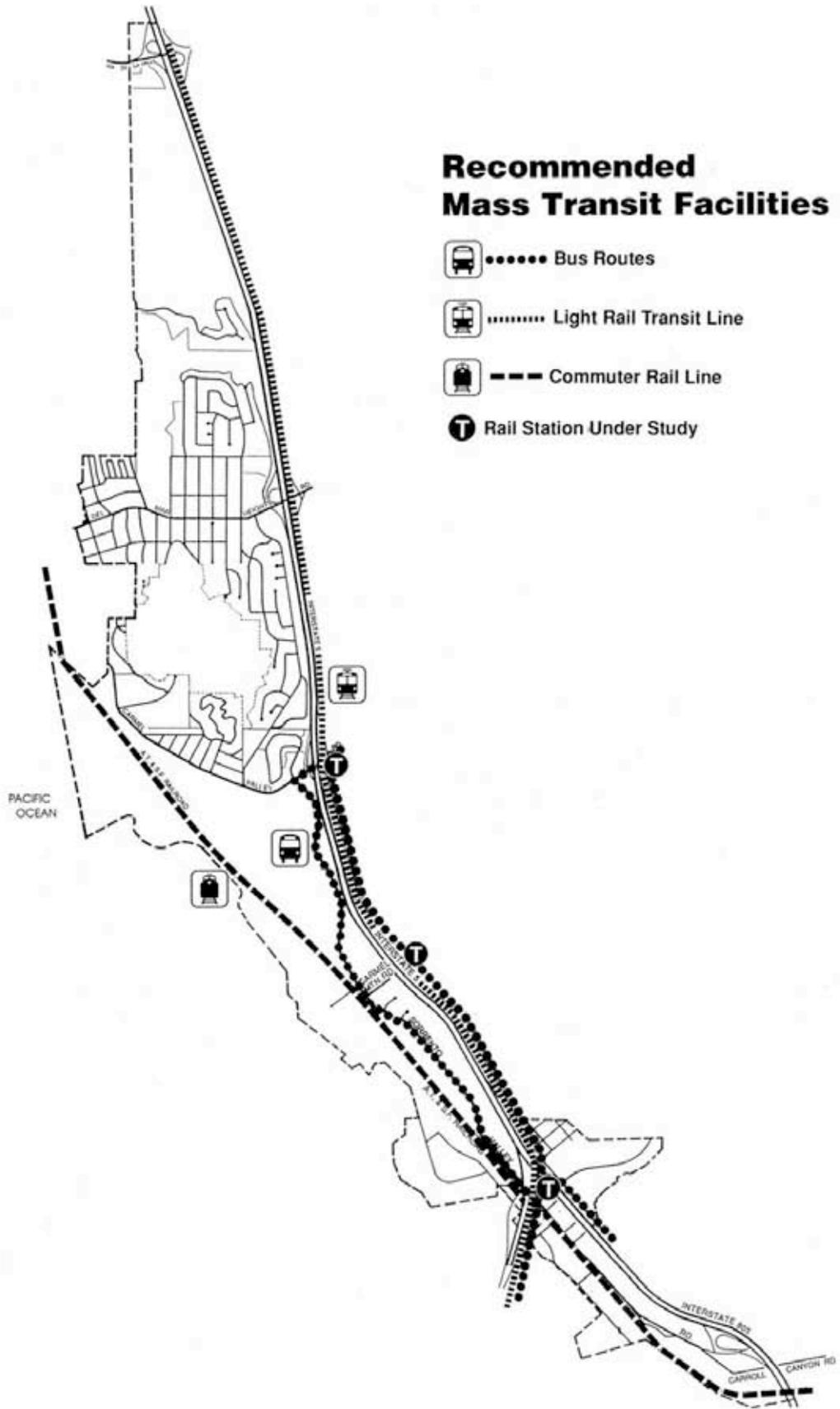
Transit Stations

Transit stations should provide shelter for pedestrians, convenient passenger loading zones, telephones, adequate lighting and secure bike storage. Retail shops and services should also be integrated with transit stations. Pedestrians and feeder/shuttle bus users should not have to walk across parking lots in order to board the rail lines. The intent is to provide comfortable, safe, convenient stations. The commercial uses can help alleviate the need for before or after work auto trips to do errands.



Scenic Routes

Since 1964, the City has maintained a 52-mile scenic route extending from Mount Soledad on the north to Cabrillo National Monument on the south and traversing such in-between areas of attraction as Balboa Park and Mission Bay Park. This route was designed to provide scenic views of the San Diego community as well as to link points of visitor interest.



Recommended Mass Transit Facilities
Torrey Pines Community Plan

11
FIGURE

In addition to the 52-mile scenic route, the Torrey Pines community has a number of road segments that have scenic qualities worthy of formal recognition and protection. Three road segments within the community are currently recommended for a scenic route designation including North Torrey Pines Road, Carmel Valley Road and Sorrento Valley Road.

Specific Road Improvements

The following specific road improvements are recommended primarily to: 1) protect the health and safety of pedestrians, bicyclists and motorists; 2) accommodate existing and future traffic with minimum disruption to residents and businesses; and 3) protect the sensitive environmental resources contained within the community planning area.

North Torrey Pines Road

North Torrey Pines Road is a five-lane primary arterial which narrows to two lanes as it passes about half-way through the Torrey Pines community planning area. In order to improve the level of service at the intersection of North Torrey Pines Road and Carmel Valley Road, an additional northbound lane will be provided from Torrey Pines Park Road to the boundary of the City's jurisdiction. Improvements north of the City of San Diego's boundary can only occur subsequent to approval by the city of Del Mar.

In addition, the bridge over the railroad tracks just south of this intersection should be improved to allow a second northbound lane as well as bike lanes and a sidewalk on the west side to the City's jurisdiction. Bridge improvements north of the City's boundary can only occur subsequent to approval by the city of Del Mar.

An alternative to extending the additional lane through the intersection includes extending the lane as a right turn only lane onto Carmel Valley Road.

North Torrey Pines Road Bridge over Peñasquitos Creek

The North Torrey Pines Road Bridge over Peñasquitos Creek will need to be reconstructed due to seismic and structural deficiencies. The reconstruction of this bridge includes the addition of a northbound lane, bike lanes on both sides, a sidewalk on the west side, and transition widening on both road approaches. Although the bridge should be widened in order to provide ultimately for three lanes, it should be striped for two lanes until the recommended northern road improvements are constructed.

This project includes a special bridge design that will contribute to the restoration and enhancement of Los Peñasquitos Lagoon. The ultimate design of this bridge creates a wider lagoon mouth by approximately 40 feet, in order to increase the tidal prism, restore tidal action and improve circulation of lagoon waters. Design consideration should include completely spanning the lagoon mouth by cutting back the road embankment and lengthening the bridge span, etc. The design of this bridge shall include input from a qualified biologist or other lagoon expert familiar with the complex ecosystem found within Los Peñasquitos Lagoon. No impacts to salt marsh habitat shall occur.

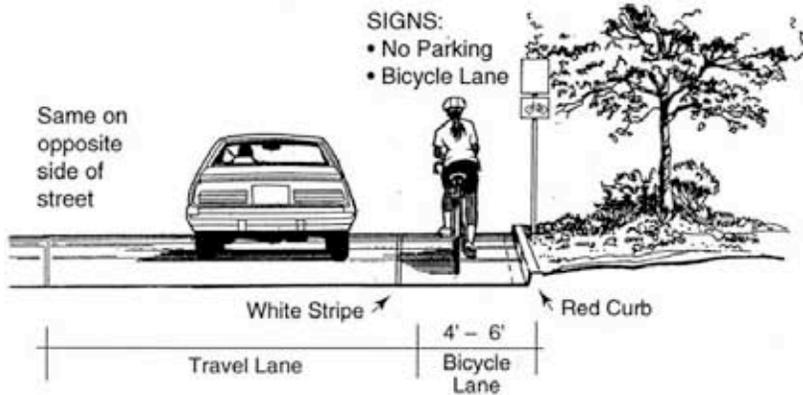


CLASS I

(Typical location - open space)

Bicycle Path

A completely separate right-of-way for the exclusive use of non-motorized vehicles.

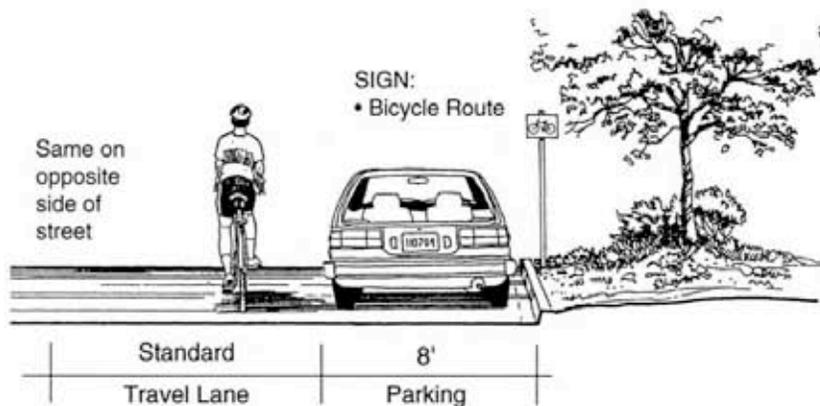


CLASS II

(Typical location - major street)

Bicycle Lane

A restricted right-of-way located on the paved road surface alongside the traffic lane nearest the curb, and identified by special signs, land striping, and other pavement markings.



CLASS III

(Typical location - neighborhood street)

Bicycle Route

A shared right-of-way designated by signs only, with bicycle traffic sharing the roadway with motor vehicles.

NOTE: The dimensions illustrated on this page are subject to change.



One of the most scenic visual resources of the community includes those views of North Torrey Pines Road as it passes between the Pacific Ocean and Los Peñasquitos Lagoon. In order to protect the scenic and visual qualities of this coastal area, the reconstruction and/or replacement of the North Torrey Pines Road bridges should include a design that is visually and aesthetically compatible with the character of the area. The design of both bridges should restore and enhance the visual quality and public views of this area. It is suggested that a variety of aesthetic designs and architectural alternatives be explored. The Torrey Pines Community Planning Group and the community shall review and provide input during the design of the bridges.

Carmel Valley Road

A variety of improvements to Carmel Valley Road are anticipated in the future, and may include widening, intersection improvements, a parking lane, and a bicycle/pedestrian pathway. At the time specific design proposals are determined and environmental impacts assessed, coastal development permits will be required to implement the project. A preliminary plan for the improvements is described below; however, in no case shall any improvement result in wetland fill.

Improvements to Carmel Valley Road include retaining this road as a modified two-lane collector street with a center turn lane. Carmel Valley Road should remain a modified four-lane major between I-5 and just west of Sorrento Valley Road. A traffic signal will be provided at Portofino Drive and Carmel Valley Road, with intersection improvements as needed there and at Sorrento Valley Road.

Bicycle and pedestrian circulation should be provided along the south side of Carmel Valley Road within the Bicycle/Pedestrian Pathway (see **Bicycle/Pedestrian Pathway** discussion below). Parking for residents and businesses should be provided along the north side of Carmel Valley Road, and a sidewalk should also be provided along the north side with appropriate street lighting. The ultimate design of Carmel Valley Road should also include the following improvements provided that adequate right-of-way exists:

1. A parking lane should be provided along the south side of Carmel Valley Road between Via Donada and Via Aprilia.
2. The existing curb line, sidewalk, landscaping and patios along the north side of Carmel Valley Road between Via Donada and Del Mar Scenic Parkway should be preserved.

Future improvements to Carmel Valley Road should include all measures necessary to eliminate silt and/or pollutants from entering/draining into Los Peñasquitos Lagoon. The speed limit on Carmel Valley Road should be aggressively enforced.

Various types and levels of traffic control methods and devices (i.e., traffic signals, stop signs, etc.) shall be utilized in order to provide the greatest degree of safety and efficiency for pedestrians, bicyclists and motorists on Carmel Valley Road.

Bicycle/Pedestrian Pathway

A bicycle/pedestrian pathway should be provided in the existing disturbed, upland area along the south side of Carmel Valley Road. A variety of design options should be considered, however, in no case shall the bicycle/pedestrian pathway involve wetland fill. An appropriate buffer between the bicycle/pedestrian pathway and the lagoon shall be established after full consultation with the U.S. Fish and Wildlife Service, the State Department of Fish and Game and the State Department of Parks and Recreation. The pathway should be wide enough to be shared by bicyclists and pedestrians, and should be physically separated from Carmel Valley Road (see Bicycle/Pedestrian Path Concept Sketch). The pathway should be constructed with a combination of concrete and wood. The concrete portion would be used for those previously disturbed areas where the path is located immediately adjacent to the road; the wooden or boardwalk portions would be constructed where the path meandered closer to sensitive resource areas.

The path should meander along the lagoon, and in several places provide sitting areas and viewpoints into the lagoon. Interpretive displays describing the marsh and lagoon ecosystem should be included at these viewpoint areas. Safe access to the pathway from the north should be provided at regular intervals.

Del Mar Heights Road

Del Mar Heights Road shall remain a four-lane major street but shall include improvements to facilitate pedestrian safety and traffic flow. Improvements should include a raised center median, a traffic signal with pedestrian crossing indications at Crest Way, a protected left turn signal for north-southbound traffic on Mango, adequate storage for left turns at Mango Drive and sidewalks along the entire length of Del Mar Heights Road. The raised center median should be landscaped when funding becomes available. Funding sources include, but are not limited to, a landscape maintenance district.

Sorrento Valley Road

Sorrento Valley Road, from Industrial Court to Carmel Valley Road, is a two-lane major road that is scheduled for realignment improvements.

The existing road lies immediately adjacent to wetlands and other sensitive habitat areas at several points. Any improvements to Sorrento Valley Road shall require the issuance of coastal development permits, and shall be permitted only if consistent with the specific development standards in the Wetlands/Environmentally Sensitive Resources policies contained in **Appendix E**. Riparian impacts shall be mitigated at a ratio of 3:1 and salt marsh impacts shall be mitigated at a ratio of 4:1.

Mitigation for impacts to the lagoon must include restoration and enhancement of all areas previously disturbed by activities associated with the construction and operation of Sorrento Valley Road. The Torrey Pines Community Planning Group shall be provided the opportunity to review and provide input regarding the mitigation, restoration and enhancement efforts associated with this road improvement.

Carmel Mountain Road/I-5 Interchange

This project will construct a diamond interchange at I-5 and Carmel Mountain Road. Design and construction is to be completed by Caltrans. Although the cost of this improvement is being paid by the Carmel Valley Facilities Benefit Assessment District and Sorrento Hills Development Agreement, it is immediately adjacent to the Torrey Pines Community. A strong benefit of this improvement is the reduction of traffic using Sorrento Valley Road between Carmel Mountain and Carmel Valley Roads.

Vista Sorrento Parkway

The restriping of the northbound lanes of Vista Sorrento Parkway at Sorrento Valley Road is proposed to improve the poor Level of Service (LOS) projected at buildout. The restriping of the three northbound lanes from the existing left, through and right to two lefts and a through/right will improve the projected LOS from E to C. This minor modification should only be implemented when actual future traffic volumes warrant it. In conjunction with buildout of the Sorrento Hills community planning area, Vista Sorrento Parkway shall be extended from its existing terminus (Sorrento Valley Court) northerly through Sorrento Hills until it intersects with Carmel Mountain Road.

Construction of this extension, known as Street "A", will require some fill in existing wetlands at the western end of Los Peñasquitos Canyon Preserve. Various project alternatives have been examined to determine that the proposed project is the least environmentally damaging one. There are currently two options that may be implemented to mitigate the environmental impact of the proposed project.

OPTION A

Any unavoidable permanent wetland fill associated with Street "A" shall be mitigated at a ratio of 4:1 for alkali marsh/meadow impacts and 1:1 for freshwater marsh (i.e., cattails) impacts. Shading impacts to cattails shall be mitigated at a ratio of 1:1. Mitigation for freshwater marsh impacts shall be in kind and shall occur within the Los Peñasquitos Lagoon watershed. Mitigation for alkali marsh/meadow impacts shall be in kind and in the immediate area of the alkali marsh/meadow or, if no appropriate site can be found for creation of alkali marsh/meadow, mitigation shall consist of newly created willow scrub habitat within the Los Peñasquitos Lagoon watershed.

or OPTION B

Any unavoidable permanent wetland fill associated with Street "A" shall be mitigated at a ratio of 1:1. Mitigation for direct and shading impacts to freshwater marsh (i.e., cattails) shall be in kind and shall occur within the Los Peñasquitos Lagoon watershed. Mitigation for alkali marsh/meadow impacts shall be in kind and in the immediate area of the alkali marsh/meadow or, if no appropriate site can be found, mitigation shall consist of newly created willow scrub habitat within the Los Peñasquitos Lagoon watershed.

and

The balance of the alkali marsh/meadow shall be designated open space and permanently protected from development through dedication of an open space easement, recordation of a deed restriction, or some other appropriate mechanism.

Carroll Canyon Road

This project, financed through the Mira Mesa Public Facilities Financing Plan, will construct Carroll Canyon Road as a four-lane collector street from its westerly terminus at Scranton Road, beneath I-805, to Sorrento Valley Road. Design of this roadway extension should minimize impacts to the adjacent Carroll Canyon Creek Corridor. Mitigation for construction of this roadway should include implementation of the Guidelines for the preservation and enhancement of the Carroll Canyon Creek Corridor, which are located in the **Industrial Element** of this Plan.

Mitigation for impacts to the wetland area must include restoration and enhancement of all areas previously disturbed by activities associated with the construction and operation of Carroll Canyon Road. The Torrey Pines Community Planning Group shall be provided the opportunity to review and provide input regarding the mitigation, restoration and enhancement efforts associated with this road improvement.

Del Mar Terrace Neighborhood Streets

The streets of the Del Mar Terrace neighborhood, located immediately north of Carmel Valley Road, have never been improved and accepted for maintenance by the City of San Diego. As a consequence these streets are in a state of disrepair. Property owners in the Del Mar Terrace neighborhood have petitioned the City Council to form an assessment district to improve the streets. The City Council directed City staff to take the necessary steps to form a maintenance district and directed that the street design maintain the rural nature of the area.

State Route 56/I-5/I-805 Widening Projects

These CALTRANS projects are located immediately east of the Torrey Pines planning area, and will be constructed in order to alleviate the extremely congested regional traffic conditions projected to occur on I-5, I-805 and I-15.

Environmental reports have been completed for each of these projects. Potential exists for significant environmental impacts to the Torrey Pines area, including, but not limited to, air quality impacts, visual impacts, impacts to wetlands, noise impacts and erosion impacts.

Visual impacts include permanent landform change as a result of new cut slopes, fill slopes, bridge structures, traffic movement and retaining walls. Visual grading impacts will be reduced to levels below significance by erosion control measures including immediate plant cover on cut/fill slopes. Newly planted slopes will be compatible with surrounding landforms. Interchanges will be given a full planting scheme with Torrey Pines. The visual impact from retaining walls will be mitigated by incorporating crib walls where feasible, special wall treatment utilizing texture, color and design elements, and, new bridges with slender, aesthetically pleasing design.

Impacts to wetlands are attributable to bridge piers, temporary work areas and shading from bridge structures. It is considered biologically important to treat the creeks and lagoon as an ecosystem therefore, mitigation for impacts to wetlands are included in the Carmel Valley Restoration and Enhancement Project (CVREP).

Existing noise levels at some points within the Torrey Pines area along I-5 exceed federal guidelines. The proposed projects will increase noise from one to four additional decibels over today's level. It should be noted that a three-decibel change is hardly discernible to the human ear. Sound walls at several locations are proposed as mitigation measures.

There will be increased erosion caused by grading. A detailed erosion control plan has been prepared. This plan includes immediately seeding new slopes and other abatement measures. Due to the sensitivity of Los Peñasquitos Lagoon, every reasonable precaution will be taken to protect watershed flow into the lagoon to avoid or minimize muddying and silting, before, during, and after construction.

ACTION PLAN

| Implementation Measures | Timing | Responsibility for Implementation | Source of Funding |
|---|--|---|---|
| Restore and enhance those biologically sensitive areas impacted by circulation improvements. | Add as condition at time of project approval. Include in preliminary design. | Planning Department, Engineering & Development Department | City of San Diego, |
| Provide mass transit service, especially in the Sorrento Valley area. | Immediately | MTDB | MTDB through various funding sources including private sector |
| Provide bikeways and pedestrian paths that link all areas within the community. | Include in design of private development and transportation projects. | Planning Department, Engineering & Development Department | City of San Diego and Private |
| Adopt the Facilities Financing Plan to identify costs and potential funding sources. | Adopt with this Community Plan. | City Council, Planning Department | City of San Diego |
| Require projects to design for transit, bicycle and pedestrian use (i.e., submit TDM Programs, provide bike lockers, showers, etc.) | Add as condition at time of project approval. | Planning Department | Private |
| Reconstruction of North Torrey Pines Road bridge shall contribute to restoration and enhancement of Los Peñasquitos Lagoon. | At preliminary design stage | Engineering & Development Department | City of San Diego, and state bridge grant |
| Provide street improvements for the Del Mar Terrace neighborhood. | Immediately | Engineering & Development Department | Assessment District |



RESIDENTIAL ELEMENT

RESIDENTIAL ELEMENT

BACKGROUND AND ISSUES

The Torrey Pines community planning area is almost completely built out with approximately 3,000 total housing units. Of this total, approximately 78 percent is single-family and 22 percent is multifamily. At buildout, the Torrey Pines community is expected to contain a population of approximately 7,000 residents.

Over the last decade, residential development in the Torrey Pines community has consisted of single-family homes constructed in a variety of architectural styles, colors and building materials. In most cases, new single-family homes have tended to be larger scale, utilizing the maximum building envelope allowed under the zone. In some neighborhoods where existing homes are of a smaller scale, development of larger scale homes has resulted in abrupt transitions in scale.



Another critical issue is the development and expansion of non single-family residential uses within single-family neighborhoods. Projects of this type include commercial development, child care centers and other non-residential uses which are allowed under the conditional use permit process, and the construction of single-family homes that are designed for the shared living arrangement of five or more unrelated persons. The Torrey Pines Community Planning Group has recommended that the development of mini-dorms within single-family neighborhoods be prohibited. Mini-dorms are single-family homes specifically designed, built and used to accommodate a group of unrelated adults who either share ownership or rent. Some of the impacts associated with mini-dorms include lack of adequate parking, insufficient landscaping, and unusual design. An additional issue includes the construction and occupancy of new homes without the provision of required landscaping.

GOALS

1. Single-family development incorporating a variety of architectural styles, colors and building materials.
2. Residential development designed to preserve the integrity of the community's unique system of canyons, parks, sandstone bluffs and lagoons.
3. New single-family homes that are similar in bulk and scale to existing homes within the immediate neighborhood.
4. Residential neighborhoods that are designed to protect the safety and security of its residents.

POLICIES

1. New residential development shall be consistent with the design guidelines of this element.
2. The construction of shared housing (also known as mini-dorms) within the Torrey Pines community planning area shall be discouraged.
3. Commercial development shall not be permitted within areas designated for residential development.
4. Residential neighborhoods should be preserved and protected from encroachment by adjacent uses including commercial development and the construction of public roads and utilities.

SPECIFIC PROPOSALS

Although the Torrey Pines community planning area maintains a predominantly low-density residential character, a wide range of residential densities and product types are recommended by this Plan. Descriptions, locations and recommendations regarding these density categories are as follows.

Density Categories

Very Low-Density (0-4 DUs/acre)

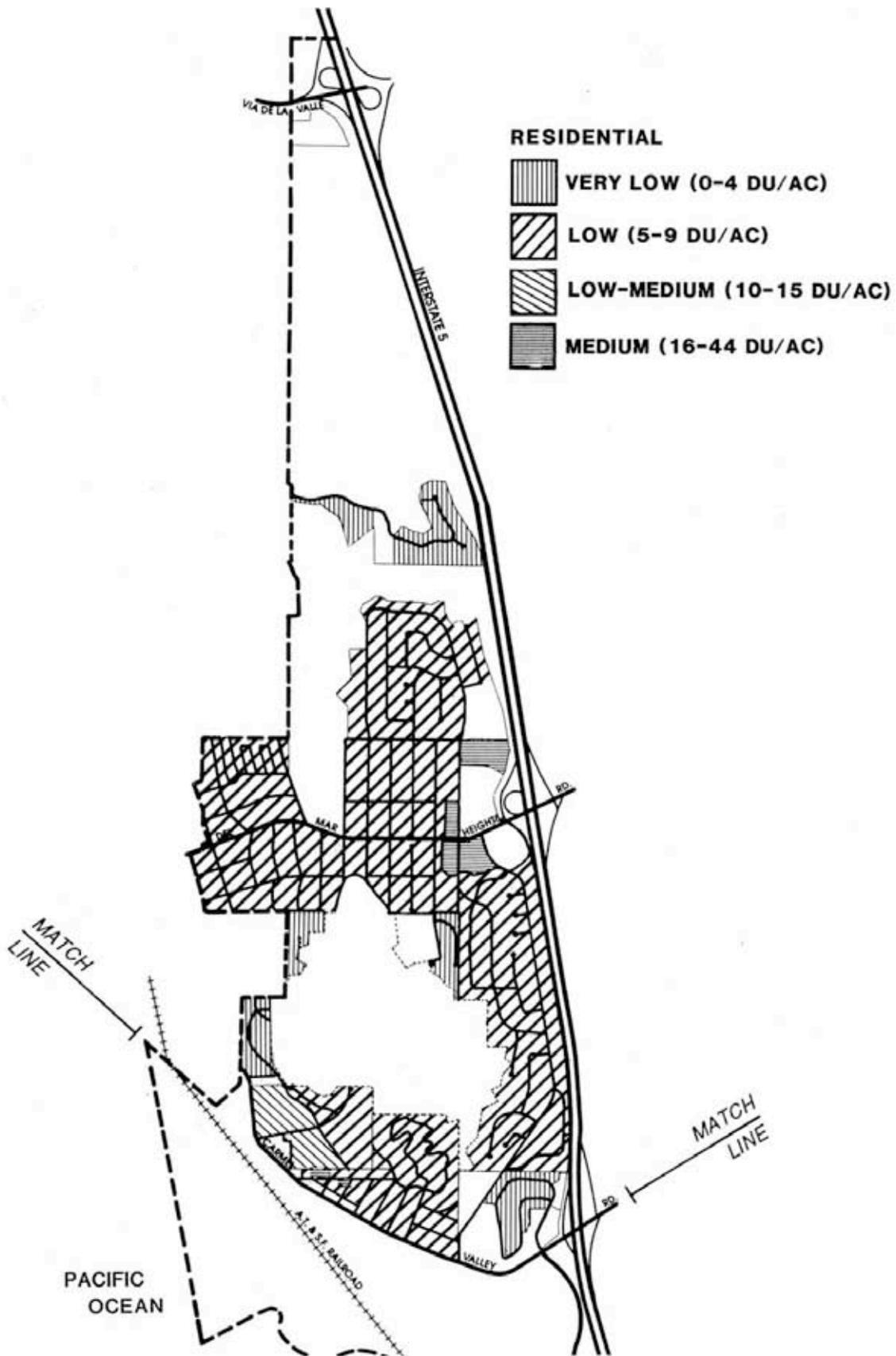
In the Torrey Pines area this density is characterized by both single-family detached and attached development with large portions of land area devoted to open space areas. This density is implemented in Torrey Pines by the existing R1-10000, R1-15000, R1-20000 and R1-40000 Zones.

Very low-density developments in Torrey Pines are located on the edges of environmentally sensitive areas. This provides for minimal disturbance by buffering these areas from higher density land uses. Very low-density areas in the Torrey Pines area include:

- The 27-lot residential subdivision of Del Mar Estates is located in the northern portion of the community along Racetrack View Drive. This development includes large single-family detached homes of 25 feet in height on large (average one acre) lots, and over 17 acres set aside in an open space easement. This development is located in an environmentally sensitive location, within the Focused Planning Area of the San Dieguito Regional Open Space Park Plan, situated south of the San Dieguito River and Lagoon and north of Crest Canyon. Because of the area's sensitivity, additional development (tennis courts, pools, decks, gardens, walls, lighting, etc.) shall minimize or eliminate impacts to these resource areas.
- Two low-density residential subdivisions exist near the northern portion of Torrey Pines Reserve Extension. One is located adjacent to the northwest corner of the reserve extension at the terminus of Mar Scenic Drive and Nogales Drive, and the other is located adjacent to the northeast corner of the reserve extension on Mira Montana. The Mira Montana project (approximately 19 residential lots and five acres of open space easements) is built out. All open space easement areas that are part of this project shall be preserved.
- Another very low-density project is located adjacent to the western boundary of the reserve extension, along Caminito Mar Villa and Via Mar Valle. This project is completely built out and consists of approximately 50 units, both attached and detached, and over six acres of open space easements. The open space easement located south of the homes along Via Mar Valle provides a crucial open space corridor linking the reserve extension to Los Peñasquitos Lagoon. This linkage shall be preserved and protected through the Open Space designation on the area.
- The Point Del Mar development is also a very low-density project, and is located on the bluffs northwest of Carmel Valley Road and I-5. This project includes approximately 99 single-family detached homes on large (half-acre) lots, and over 26 acres of open space easements. The open space easements located along the western portion of this project provide a critical wildlife corridor linking the reserve extension to the Los Peñasquitos Lagoon. This linkage has been preserved and protected by dedication and acceptance by the State Coastal Conservancy, and is managed by the Los Peñasquitos Lagoon Foundation. This area shall be preserved and protected through the Open Space designation on the area.

Low-Density (5-9 DUs/acre)

This density category is characterized by the conventional suburban subdivision, including single-family detached homes on 5,000- to 6,000-square-foot lots. Approximately 70 percent of the residential community is developed under this density category, which is implemented through the existing R1-5000 and R1-6000 Zones.



Residential Land Use Plan
Torrey Pines Community Plan

13
FIGURE

Low-density developments in Torrey Pines include the Del Mar Heights, Del Mar Terrace and Sea Village (170 units) areas, which are almost completely built out with single-family attached and detached homes. Infill development and redevelopment of homes occurs regularly in these areas. New home construction shall be sympathetic to and compatible with the existing neighborhood.

Low-Medium Density (10-15 DUs/acre)

This density category is characterized by higher density housing, usually consisting of attached housing such as condominiums or townhomes. This density category is implemented through the existing R-3000 Zone.

The Sea Point condominium project is the only low-medium density development within Torrey Pines. Sea Point consists of 237 housing units on 19 acres.

The triangular shaped parcel on the southwest corner of Via Aprilia and Via Borgia is zoned and designated for single-family residential development. This Plan permits the rezoning of this property to R-3000 without the requirement for a community plan amendment.

Medium Density (16-44 DUs/acre)

This density category is characterized by higher density condominium and apartment development, and is implemented through the existing R-1000 and RV Zone.

There are six medium density residential projects within the Torrey Pines planning area. Four of the projects are located in the Del Mar Heights Road/Mango Drive/I-5 area. A total of 495 units have been constructed in this area. Two smaller projects, totaling 23 units, are located along Via Aprilia and Via Cortina in the Del Mar Terrace area. Redevelopment of the medium density properties in the Torrey Pines community shall be compatible with the existing surrounding neighborhood and shall be processed through the Planned Infill Residential Development (PIRD) Permit process.

**TABLE 2
PROPOSED RESIDENTIAL DEVELOPMENT**

| Designation | Acres | Units | % DUs | Population |
|---------------------------------|--------------|--------------|--------------|-------------------|
| Very-Low (0-4 DUs/acre)/ | 60 | 200 | 7 | 465 |
| Low (5-9 DUs/acre)/ | 520 | 2,187 | 70 | 4,900 |
| Low-Medium (10-15 DUs/acre)/ | 20 | 200 | 7 | 465 |
| Medium | 22 | 500 | 16 | 1,170 |
| Total | 622 | 3,087 | 100 | 7,000 |

Residential Development Design Guidelines

New residential development within the Torrey Pines community should continue to incorporate a wide variety of architectural styles, colors and building materials. New residential development should also be designed to encourage compatibility in bulk and scale between existing and new residential development. All new residential development shall conform to citywide underlying zoning and Coastal Zone requirements. The Torrey Pines Community Planning Group should review all development requiring discretionary approval by the City.

The following additional guidelines should also be incorporated into single-family residential development.

1. All required landscaping shall be installed prior to the issuance of an occupancy permit.
2. Natural runoff control measures should be implemented to direct runoff toward the street and not toward open space areas and to eliminate erosion and siltation of biologically sensitive areas (see **Coastal Development Regulations in Appendix**).

All new multifamily residential projects shall be developed through the Planned Infill Residential Development (PIRD) Permit Process. All new multifamily projects shall be considered compatible, and in conformance with the Plan if it meets the criteria of the PIRD, the Multifamily Design Regulations and all other citywide regulations including the underlying zone.

Balanced Community

It is the policy of the City of San Diego to promote economically and racially balanced communities: The Housing Element of the General Plan identifies four components of balanced communities: economic, ethnic, housing type (concentration of detached housing) and housing tenure (concentration of owner-occupied housing).

As of the 1990 Census, the Torrey Pines community was not considered a balanced community. In order to alleviate this situation and provide opportunities for affordable housing, the Housing Element of the General Plan recommends Plan revisions to higher densities and assistance programs, examples of which are provided below:

Multifamily Bond Program

Through the sale of bonds, this program provides low-interest loans to developers of multifamily housing. In exchange for the loans, developers must rent 20 percent of the units to low-income households for ten years.

Public Housing

Public housing units are managed by the San Diego Housing Commission and rented to very low-income households. Residents pay 30 percent of their gross monthly income for rent.

Section 8 Rental Assistance Program

This program offers certificates and vouchers to very low-income households who use them to rent privately owned apartments. These households pay 30 percent of their gross monthly income for rent and the Housing Commission pays the difference to the landlords.

Modular Housing

Modular housing offers an alternative to reduce housing costs and still meets the demand for single-family detached housing.

Categorical Exclusion

Single-family residential development within that area indicated in **Figure 28** may be considered for categorical exclusion and thus excluded from the requirement to process coastal development permits. Categorical exclusion would eliminate the requirement for single-family home construction to undergo discretionary review. However, all new development within this possible categorical exclusion area shall be responsible for providing, at the applicant's expense, a notice of application to all residents within 300 feet of the proposed project and to the Torrey Pines Community Planning Group.

ACTION PLAN

| Implementation Measures | Timing | Responsibility for Implementation | Source of Funding |
|--|---|--|-------------------|
| Require all new residential development to be compatible with existing neighborhood. | Immediately with update to City's Zoning Code | City of San Diego | City of San Diego |
| Residential development adjacent to Open Space should blend into the natural area. | When buildings are being designed | Project Architect, Planning Department | Project Applicant |
| Commercial uses shall be prohibited in residentially designated areas. | With adoption of this Community Plan. | Planning Department | City of San Diego |
| Required landscaping should be in place prior to occupancy. | Immediately with update to City's Zoning Code | Planning Department | City of San Diego |



COMMERCIAL ELEMENT

COMMERCIAL ELEMENT

BACKGROUND AND ISSUES

The Torrey Pines community planning area contains approximately 26 acres of land designated for commercial development. Although these figures appear to be very low, unmet needs within the community are provided by commercial centers in adjacent areas including Del Mar and Carmel Valley.

There are four areas within Torrey Pines that are designated for commercial development (see **Figure 14**) including: 1) a 12-acre shopping center at the north-west corner of I-5 and Del Mar Heights Road; 2) an approximately ten-acre area at the northern end of the community just south of Via De La Valle; 3) a 2.96-acre shopping center located at the northwest corner of I-5 and Carmel Valley Road, and; 4) a small commercial area located on lots fronting Carmel Valley Road, between Via Donada and just north of Via Aprilia.

Some of the issues associated with commercial development within the Torrey Pines community planning area, particularly within the Del Mar Terrace Neighborhood, include traffic, noise and visual impacts to adjacent residential development, encroachment into adjacent environmentally sensitive areas, lack of parking, and ingress and egress problems.

GOALS

1. Provide conveniently located and well-designed commercial development that adequately serves the needs of the community. Commercial development should be easily accessed by, and attractive to pedestrians.
2. Encourage commercial uses that operate without adversely impacting surrounding residential neighborhoods.
3. Prohibit the encroachment of commercial development into areas other than those designated commercial, especially into residential, open space and environmentally sensitive areas.
4. Mixed-use developments should be encouraged in commercial zones. Apartments over retail or office uses could help Torrey Pines meet its fair share of affordable housing goals.

POLICIES

1. Runoff and pollution control measures required by federal, state, county or City regulations should be installed and maintained by the property owner in all commercial developments.

2. Commercial development within predominantly residential neighborhoods shall be designed to minimize or eliminate traffic, noise, parking and visual impacts to residents.
3. All commercial development shall be processed through the Planned Commercial Development (PCD) Permit procedure and shall be consistent with the design guidelines contained in this element.
4. All required parking for commercial development shall be accommodated on site, no on-street parking shall be used to satisfy parking requirements.

SPECIFIC PROPOSALS

Commercial Areas

Shopping Center at I-5 and Del Mar Heights Road

Infill commercial development within this center shall not result in a reduction of parking below those levels adequate to provide ample parking for tenant businesses and shall not be allowed to impact vehicle access or on-street parking.

Ingress/egress to Del Mar Heights Road from this center, and from Mango Road, should be improved during improvement either to the center or Del Mar Heights Road. Current ingress/egress conditions include difficult and confusing pedestrian crossing, congestion, and elevation differences between the shopping center entrance, Mango Road and Del Mar Heights Road. These elevations differences have caused difficulties for larger delivery trucks, in some cases “bottoming out” or becoming “high centered.”

Commercial Area Southwest of Del Mar Heights Road/I-5 Intersection

This four-acre area should be maintained for visitor-serving commercial recreation facilities (long and short-term rental facilities, accessory uses) consistent with the site's proximity to single-family development, visibility from I-5 and location at the entrance of the community.

Commercial Area South of Via De La Valle

This ten-acre area, which includes a hotel, gas station and restaurant, should be maintained for commercial recreational development. Because most of this area is within the 100-year floodplain, and adjacent to the San Dieguito River Valley and Lagoon, new development in this area shall not be allowed unless it can be shown that:

1. Disturbance to environmentally sensitive areas will be minimized or eliminated.
2. Increase flood flow velocities will not occur.
3. Areas not in the floodplain to be filled will not function as significant silt deposition areas.

4. Any loss or degradation of existing wildlife habitat areas will be completely mitigated.
5. Increases in runoff and sediment will be mitigated.
6. There will be no adverse water quality impacts to adjacent or downstream wetland areas.
7. The development meets the specific development standards included in **Appendix E**.

In addition, there is a 14-acre parcel abutting this developed area to the south, which includes a small visitor-serving RV park and a recreational complex including tennis courts, miniature golf, a driving range pro-shop and clubhouse facilities and parking lots. This area should be maintained for these types of less intensive commercial recreation uses and designated Commercial Recreation up to the paved sidewalk north of the driving range. Because this entire area is within the 100-year floodplain and immediately adjacent to the San Dieguito River Valley and Lagoon, new development in this area shall be allowed only if such development is consistent with uses allowed pursuant to the A-1-10 Zone and other existing zoning, is capable of withstanding periodic flooding, and does not require the construction of off-site flood protective works. Any development of this parcel shall be consistent with the requirements for the San Dieguito Lagoon and River Valley stated in the **Resource Management and Open Space Element** of this document.

Carmel Valley Commercial Center

This 2.96-acre area shall be developed with a mix of commercial uses under an existing approved Planned Commercial Development Permit. Development of this area, as required by the PCD, shall include mitigating measures including:

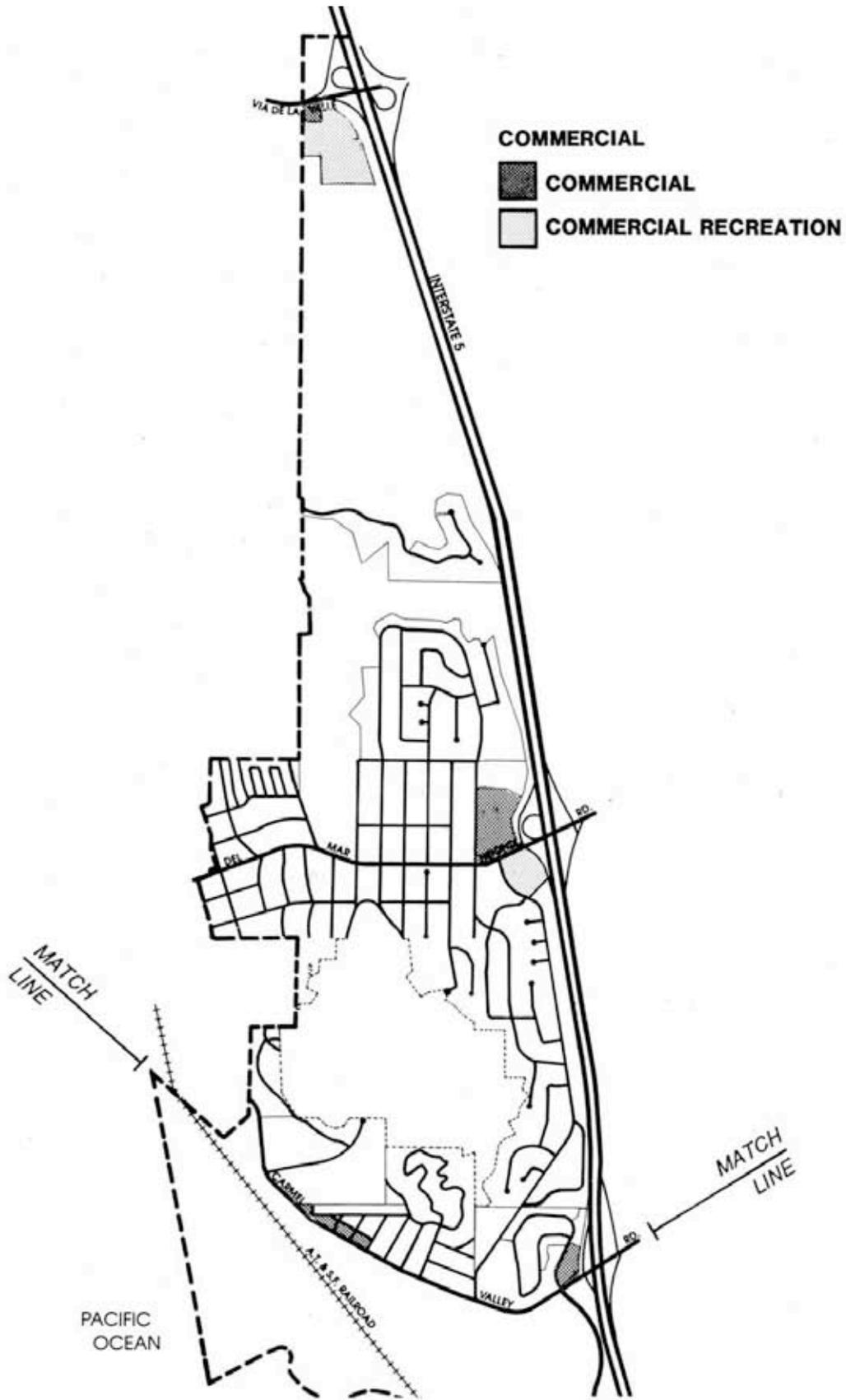
1. The landscaping program shall be of sufficient quality and quantity to completely screen the large crib wall from view in all directions.
2. Erosion control measures shall be implemented in order to mitigate potential urban runoff impacts.
3. Pollution control measures to prevent contaminated runoff from reaching the Los Peñasquitos Lagoon wetlands and Carmel Valley Creek shall be implemented.

Design Guidelines

Carmel Valley Road Neighborhood Commercial Design Guidelines

The development of commercial uses within this area, because of its location within the residential neighborhood of Del Mar Terrace, shall be designed to mitigate all potential impacts including traffic, parking, noise, pollution, runoff, etc.

Only those lots that front directly on Carmel Valley Road, between Via Donada and just north of Via Aprilia are designated for neighborhood commercial development. Expansion of commercial use on properties other than those designated shall be prohibited.



Commercial Land Use Plan
Torrey Pines Community Plan

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 FIGURE

Those areas designated commercial along Carmel Valley Road may be redeveloped to neighborhood commercial uses through the Planned Commercial Development (PCD) permit process. The PCD process should address and implement the following commercial development design guidelines.

Commercial Development Design Guidelines

Although the design guidelines listed below apply particularly to the neighborhood commercial area located along Carmel Valley Road, most can also be applied to the other designated commercial areas within the Torrey Pines planning area. Specific design guidelines for the other commercial areas within Torrey Pines can be found under the individual commercial policy discussions.

1. Bulk and scale of new commercial development along Carmel Valley Road shall be low-scale and of similar height to buildings and homes in the existing area.
2. Activity areas (e.g., areas that generate noise, foot traffic, parking lots, etc.) of commercial projects shall be oriented away from residents, towards Carmel Valley Road.
3. Noise, light, odors or any other potential effects of or emissions from commercial development shall not emanate beyond the commercial property into residential areas.
4. New commercial development shall be designed to accommodate the worst case parking scenario unless well served by public transit. The use of on-street parking shall not be considered to calculate parking requirements.
5. Erosion/sedimentation control measures shall be implemented to prevent runoff into the Los Peñasquitos and San Dieguito Lagoon.
6. The rear portions of commercial development that face residential areas should be designed (use of heavy landscaping, design elements, etc.) to mimic the continuation of a residential neighborhood.
7. A neighborhood association composed of residents and business owners should be formed to resolve existing problems in the neighborhood including:
 - a. Coordination, timing, access and location of delivery trucks.
 - b. Provision of adequate off-street parking.
 - c. Litter, noise and traffic control.

ACTION PLAN

| Implementation Measures | Timing | Responsibility for Implementation | Source of Funding |
|---|--|---|--------------------------------|
| Require Planned Commercial development Permits for new commercial development (until Zoning Code Update is complete). | Until update to the City's Zoning Code is complete | Planning Department | Application Fees |
| Prohibit commercial development or encroachment into residential neighborhoods. | With adoption of this Community Plan | Planning Department | Planning Department |
| Provide erosion control and prevent runoff from commercial development into adjacent lagoons and wetlands. | Add as condition at time of PCD approval | Planning Department, Engineering & Development Department | Applicant |
| Provide adequate off-street parking for new commercial development. | Require at time of project approval | Planning Department | Applicant |
| Eliminate impacts of new commercial development on existing adjacent residential neighborhoods. | Through project review and implementation of design guidelines | Planning Department | Planning Department, Applicant |



INDUSTRIAL ELEMENT

INDUSTRIAL ELEMENT

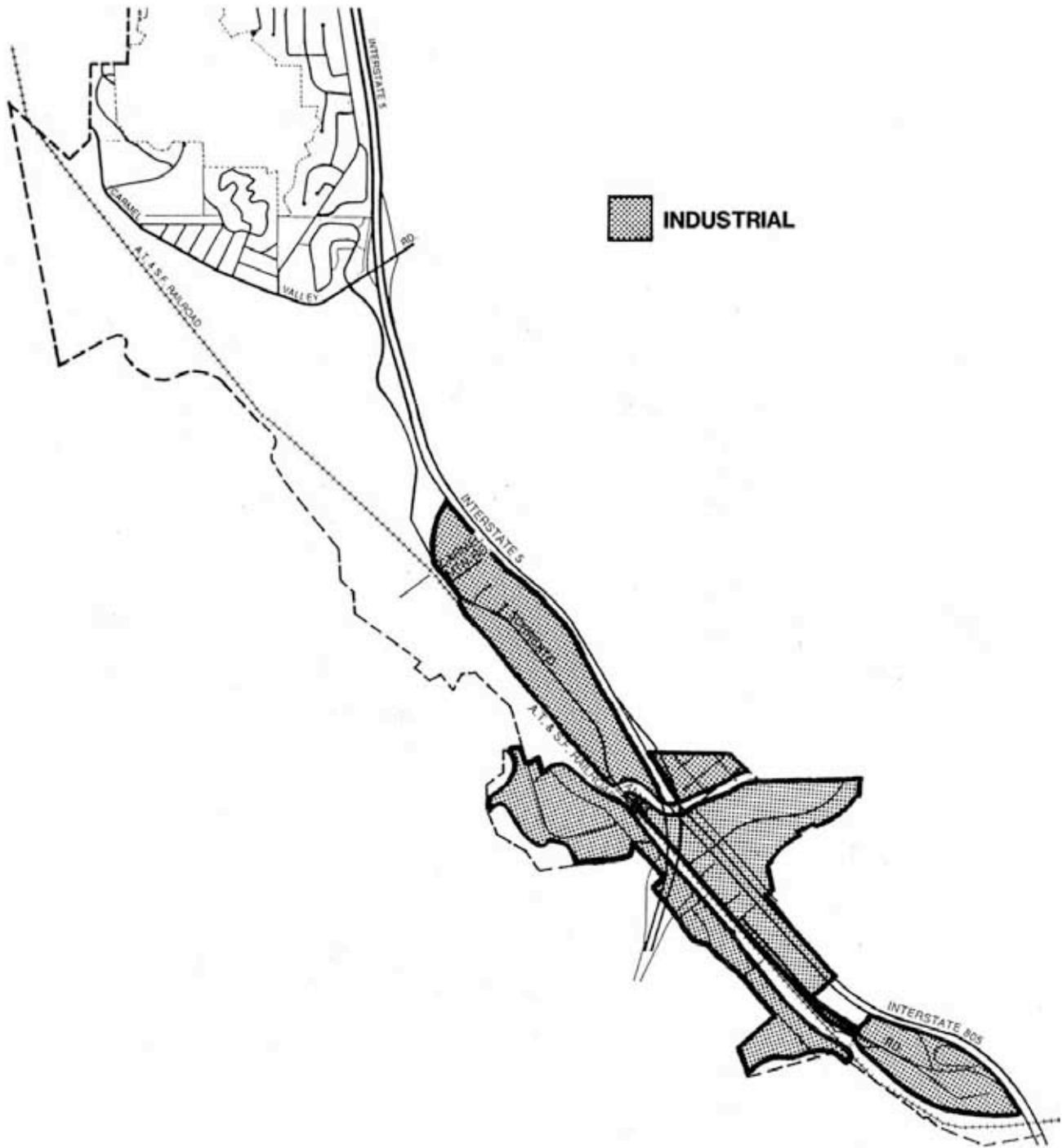
BACKGROUND AND ISSUES

Industrial development in the Torrey Pines planning area is located in Sorrento Valley, which contains approximately 380 acres of industrially-designated property. Industrial development in Sorrento Valley includes manufacturing firms, research and development, laboratories, offices, industrial services, incubator industry and business uses, and support commercial and retail uses. Most of the industrially designated property in Sorrento Valley is zoned M-1A with the FPF (Floodplain Fringe) Overlay Zone. The primary effect of the FPF Zone in this area is to ensure that new development will not adversely impact existing riparian habitat areas.

The Sorrento Valley area contains an abundance of environmentally sensitive areas, including both cultural and biological resources (see **Resource Management Element**). The most significant resource areas are located within the floodplain, wetland and riparian habitat areas of the Los Peñasquitos Lagoon and Carroll Canyon Creek, which bisect the entire Sorrento Valley area. Issues associated with industrial development in Sorrento Valley include the impacts from industrial development on adjacent environmentally sensitive resources, lack of mass transit service, and lack of a usable, continuous open space system.

GOALS

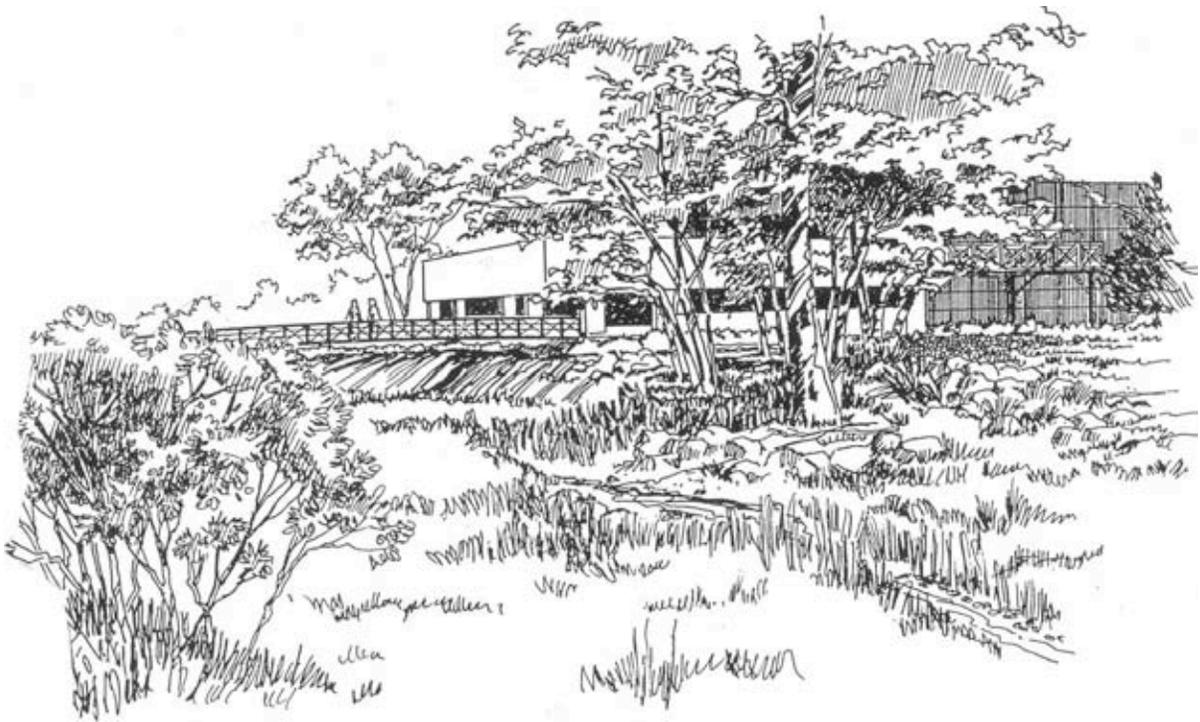
1. Emphasize the citywide importance of and encourage the location of scientific research, biotechnology, and light manufacturing uses in Sorrento Valley because of its proximity to UCSD and the University and Mira Mesa communities' industrial areas. Ensure adequate transit/transportation facilities are provided.
2. Ensure that industrial land needs as required for a balanced economy and balanced land use are met consistent with environmental considerations.
3. Contain industrial development within areas specifically designated for industrial usage.
4. Restore and enhance the Carroll Canyon Creek Wildlife Corridor and the Los Peñasquitos Lagoon.
5. Encourage new industrial development to be well designed and aesthetically pleasing.
6. Provide easy access to the Sorrento Valley employment area through bicycling, mass transit, and transit-oriented development such as providing safe and direct pedestrian connections and a convenient mix of uses.



Industrial Land Use Plan
Torrey Pines Community Plan

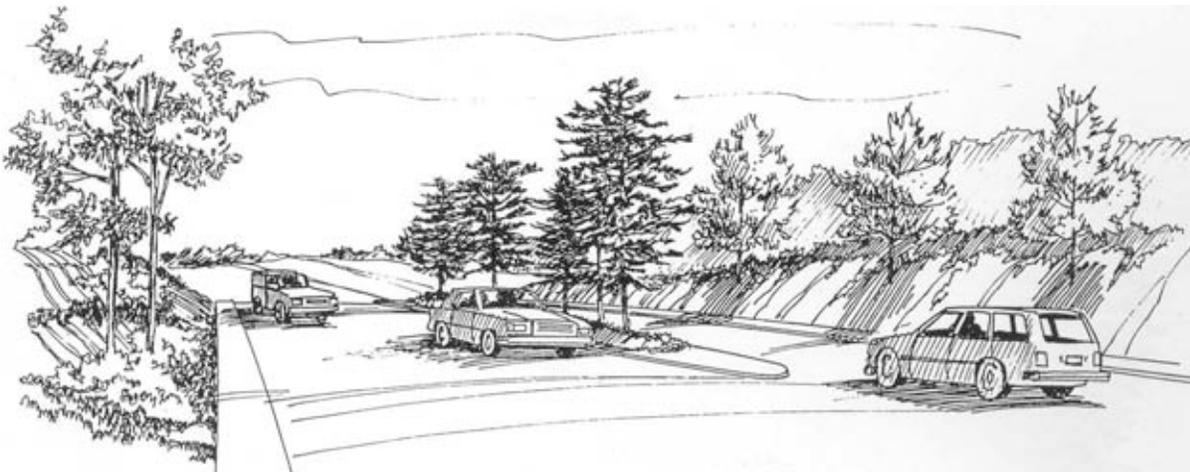
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 FIGURE

7. Minimize traffic impacts from new industrial development through the implementation of Transportation Demand Management Programs. New industrial development should provide opportunities for staggered shifts, four-day work weeks, and other similar alternatives, and should incorporate services such as locker rooms, child care centers, restaurants, post offices, dry cleaners and gift shops to minimize the need for auto trips and to make car pooling a more attractive option.
8. Restrict industrial development on steep slopes, wetlands, riparian habitats, and on archaeological sites, and further encroachment into Los Peñasquitos Lagoon and the Carroll Canyon Creek Corridor, and design industrial projects to blend into adjacent open space areas.



POLICIES

1. Development of freestanding retail commercial uses in industrially designated areas shall be restricted to those uses that serve only the immediate Sorrento Valley industrial area.
2. As required by the Airport Environs Overlay Zone, development within Sorrento valley shall be consistent with the Comprehensive Land Use Plan for NAS Miramar (see Noise Contour and Accident Potential Zone information, **Figures 17** and **18**, in **Appendix**).
3. Development proposed adjacent to environmentally sensitive resources shall not adversely impact those resources, and shall, where feasible, contribute to the enhancement of the resource.
4. Redevelopment of industrial areas shall require a Planned Industrial Development permit, until such time as the Zoning Code Update is complete, in order to implement the policies and design guidelines in this element.
5. Continue to maintain the existing, and where feasible, provide additional landscaped islands within Sorrento Valley Road and Sorrento Valley Boulevard.
6. Provide an open space area and pathway system along the Carroll Canyon Creek corridor area.
7. Where feasible, power distribution lines along Sorrento valley Road shall be relocated underground, and those through Los Peñasquitos lagoon shall be relocated outside the floodplain area.
8. New industrial development projects should provide outdoor seating/eating areas for employees, as well as bicycle lockers/racks, and shower and locker room facilities.



SPECIFIC PROPOSALS

Industrial Development Design Guidelines

Preservation and Enhancement of the Carroll Canyon Creek Corridor

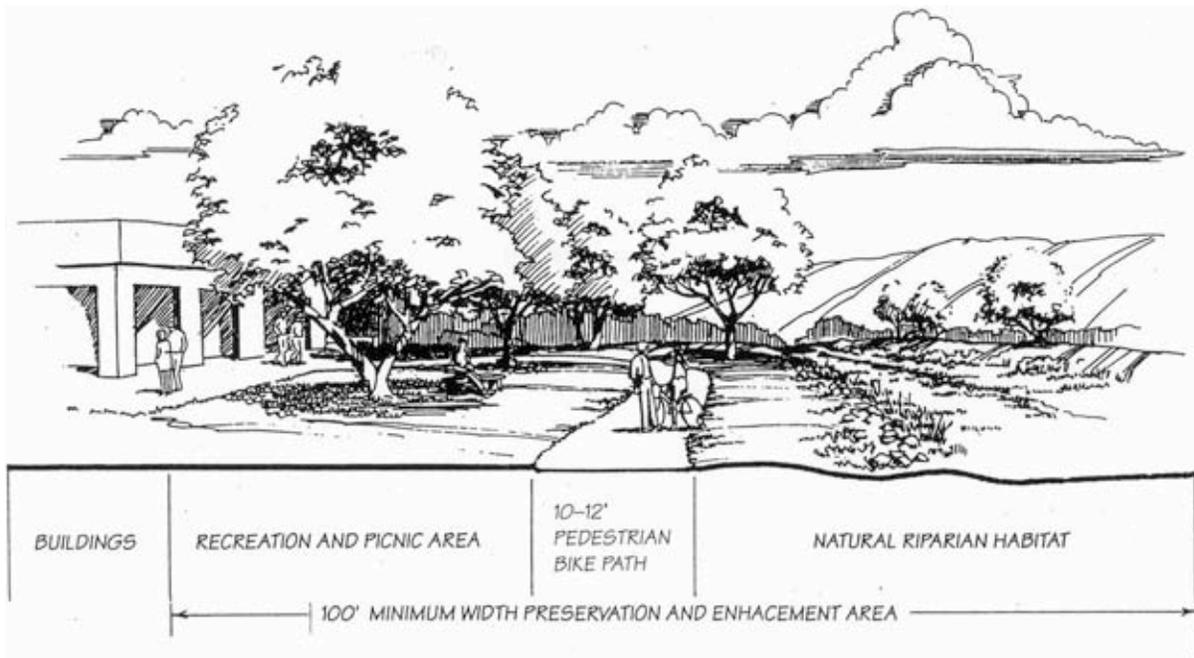
The Carroll Canyon Creek Corridor provides a vital wildlife corridor between Carroll Canyon and Los Peñasquitos Lagoon. The corridor is within the FEMA 100-year floodplain, and contains wetlands with riparian vegetation along its entire length. Future development and redevelopment of property adjacent to this corridor shall be required to preserve and enhance this sensitive resource by incorporating the following features into the project. The intent of these guidelines is to:

1. Provide a contiguous open space linkage between Carroll Canyon and Los Peñasquitos Lagoon.
2. Preserve and enhance the environmental quality and health of the corridor.
3. Provide a continuous pathway (consistent with “2” above) along the entire length of the corridor that will allow both pedestrian and bicycle access.
4. Provide a healthy park-like area where Sorrento Valley employees can jog, read, picnic, relax, etc.



In order to restore and enhance the Carroll Canyon Creek Corridor, all projects proposed immediately adjacent to the corridor shall be subject to the following guidelines:

1. The corridor and buffer area shall vary in width depending on the habitat area. However, no areas shall be narrower than 100 feet. Existing wider portions shall not be encroached upon or reduced.
2. Those disturbed areas of the corridor shall be revegetated and planted with a combination of native trees, primarily riparian woodlands species and native shrubs. The revegetation plan shall include a monitoring program to determine the success of the program and identify maintenance needs.
3. A pedestrian/bicycle path shall be constructed along the entire length of the corridor. The pedestrian path should be identified through special, natural appearing design materials.
4. Passive recreation facilities shall be provided along the corridor but away from the most sensitive habitat areas. Recreational facilities may include picnic areas, benches, viewing areas, etc.
5. The corridor should be designed as a natural appearing waterway with rehabilitation, revegetation and/or preservation of native wetland habitats. Natural environmental features should be preserved and recreated within the floodway proper and should be incorporated in areas beyond the floodway boundary to maintain and enhance the habitat and aesthetic values of the creek.



Section View of Carroll Canyon Corridor

ACTION PLAN

| Implementation Measures | Timing | Responsibility for Implementation | Source of Funding |
|--|--|--|---|
| Establish a restoration and enhancement plan for the Carroll Canyon Creek Corridor. | Immediately | City of San Diego, Coastal Commission, State Coastal Conservancy | City of San Diego, State of California, Private |
| Provide a continuous usable open space linkage between Carroll Canyon and Los Peñasquitos lagoon, including a pedestrian/bicycle pathway. | Require as mitigation at time of project review and approval | Planning Department, Engineering & Development Department | City of San Diego, Applicant |
| Allow a mixed-use and intensification of industrial land uses adjacent to LRT stations. | Subsequent to determination of station sites | City Council, Planning Department, MTDB | City of San Diego, MTDB |
| Where feasible, underground power distribution lines along Sorrento valley Road, and remove or relocate those lines within Los Peñasquitos lagoon. | As soon as possible | SDG&E | SDG&E |
| Provide outdoor eating/seating areas for employees, as well as bike lockers/racks, shower and locker room facilities. | Require as condition of project review approval | Planning Department | Applicant |
| Require Planned Industrial Development permits for all new industrial projects proposed adjacent to any designated open space areas. | Until update to Zoning Code is complete | Planning Department | Reimbursable |



COMMUNITY FACILITIES ELEMENT

COMMUNITY FACILITIES ELEMENT

BACKGROUND AND ISSUES

Community facilities within the Torrey Pines community planning area include park and recreation facilities, libraries, schools, water and sewer facilities, and police and fire protection. Issues associated with community facilities include lack of usable active park area, public utility and facility projects that traverse and impact Los Peñasquitos Lagoon and other sensitive environmental areas, and visual impacts associated with above ground power transmission lines.

Park and Recreation

The General Plan, Recreational Element, establishes population-based park, open space, resource/regional park, and other park requirements within the City. Population-based park requirements are based on 2.40 usable acres per 1,000 population. The Torrey Pines Community Plan identifies a potential buildout population of 7,000. This buildout population will require 16.80 usable acres. The existing Crest Canyon Neighborhood Park is ten acres in size total but only 1.5 more or less is usable. The Torrey Pines community planning area is short 15.30 acres of usable park property.

The possible joint use of the Del Mar Hills and Del Mar Heights Elementary Schools should be investigated. The acquisition of either school, should they be declared surplus, shall be initiated under existing state codes.

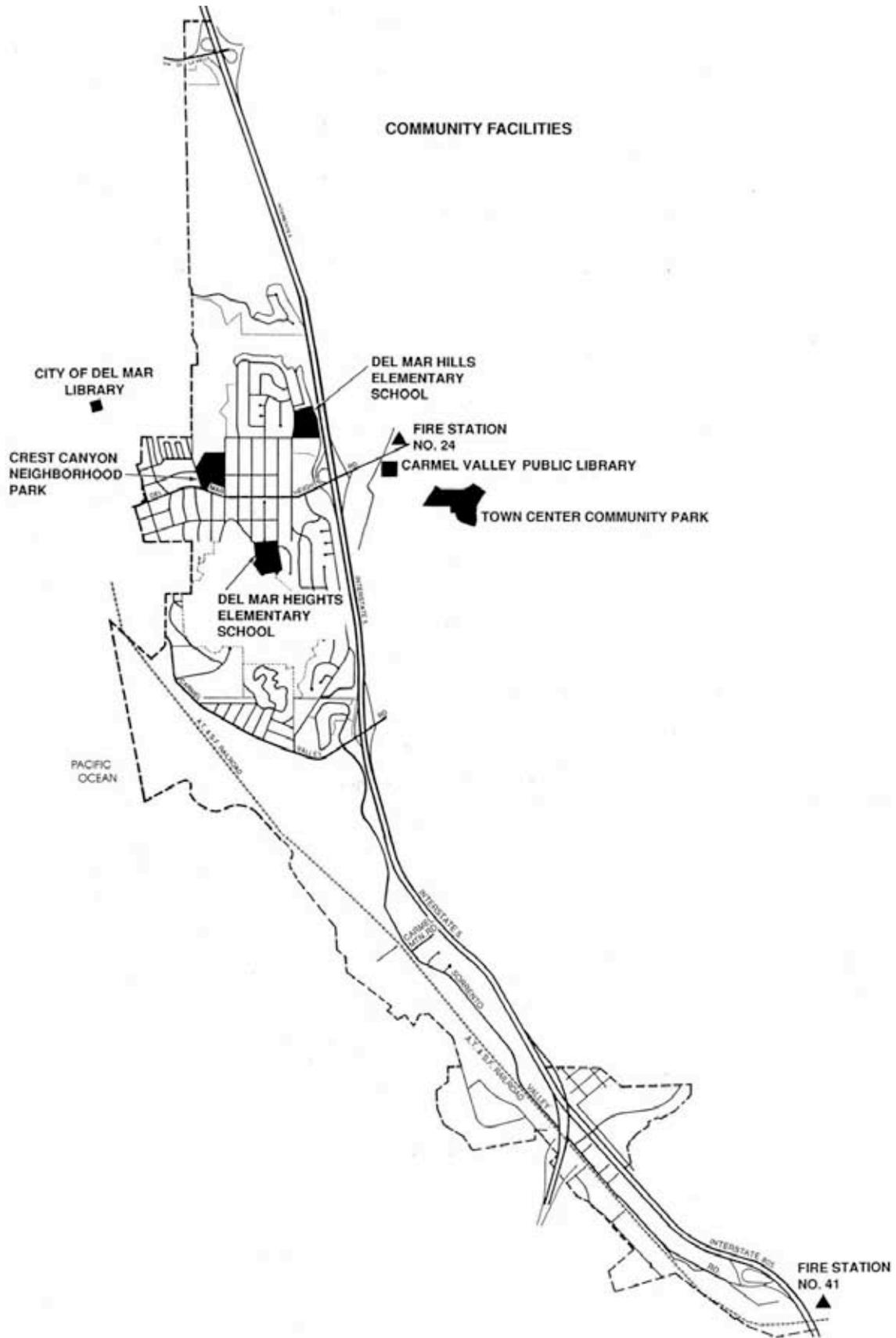
Library

Residents of the Torrey Pines community planning area are currently provided with library service both through the Carmel Valley and the City of Del Mar Library. The new 13,000-square-foot library facility in Carmel Valley includes a community meeting room and a myriad of informational and multimedia resources. The Carmel Valley Branch Library is located east of I-5, southwest of the intersection of Carmel Country Road and Townsgate Drive within the Carmel Valley community planning area (see **Figure 16**).

Schools

Elementary Schools

Elementary school students attend Del Mar Heights School and Del Mar Hills School (see **Figure 10**), both located in the City of San Diego, west of I-5. Both schools serve K-6 grade students from throughout the Del Mar Union School District. Students are bused to these schools based on the criteria of avoiding heavily traveled streets and roads and excessive walking distance. Bus routes are designed so that students who live south of Del Mar Heights



Community Facilities Map
Torrey Pines Community Plan

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 FIGURE

Road and attend Del Mar Hills School (located north of Del Mar Heights Road) and students who live north of Del Mar Heights Road and attend Del Mar Heights School (located south of Del Mar Heights Road) are bused across this busy street. The new Carmel Del Mar School in the Carmel Valley portion of the school district opened in 1992.

In May 1994, the Board of Trustees of the Del Mar Union School District established school attendance boundaries. Del Mar Heights and Del Mar Hills share a contiguous boundary and children may attend either school depending upon the class size at the time the students enroll. Carmel Del Mar School, east of the planning area, has a separate attendance boundary for its students.

The Del Mar Shores School, located in the City of Del Mar, is still owned by the Del Mar Union School District, however, this facility was closed following passage of Proposition 13 and declining enrollment. The district operates a before and after school child care program on a portion of this campus, and other portions are leased to a private preschool and a school for children with special needs. In addition, the school district's administrative offices, warehousing facility, and staff infant care program are located at this campus.

High Schools

The community of Torrey Pines is served by the Torrey Pines High School for grades nine to 12 and Earl Warren Junior High School in Solana Beach for grades seven and eight. In addition, the San Dieguito Union High School District is currently negotiating with several owners of property in the Carmel Valley area to acquire land for purposes of constructing a junior high school.

The San Dieguito Union High School District has employed a variety of funding mechanisms to finance the construction of school facilities. In the Carmel Valley area, the San Dieguito Union High School District has joined with a number of other agencies in cooperation with the City of San Diego in a North City West Joint Powers Agency (JPA) for School Facilities Financing. This JPA utilizes a fee and a Mello Roos to support the construction of school facilities. The district anticipates continued cooperation from developers and other agencies to ensure that adequate facilities are planned and constructed in anticipation of student population.

Fire Protection/Paramedic Service

The Torrey Pines community planning area is served by two fire stations. Fire Station No. 41, located at Carroll Canyon and Scranton Road, has one engine and one truck company with a crew of eight personnel. Fire Station No. 24 is located at Del Mar Heights Road and Hartfield Avenue.

Paramedic services are provided to the Torrey Pines community planning area through County Service Area 17. This paramedic service is funded by property taxes collected from the Torrey Pines community.

Police

Police service is provided to the Torrey Pines community planning area by the Northern Substation located on Eastgate Mall in the University community. Police service will also be provided by the proposed Northwestern Substation to be constructed in the Carmel Valley community.

Water

A majority of the Torrey Pines community is served with potable water via the 30-inch Del Mar Heights Pipeline, the 24-inch Soledad Valley Pipeline and through the 16-inch/24-inch pipelines in Carmel Valley Road which is supplied by the 54-inch Miramar Pipeline reduced 712 Pressure Zone. A small portion on the north side of the community is served by the 20-inch pipeline that runs from the east and west directions along Via de la Valle in the 284 feet Hydraulic Grade Line (HGL) Rancho Santa Fe Pressure Zone. Pressure Zones within the community north of Carmel Valley Road are the 610 feet HGL North City West, 330 feet HGL Carmel Valley, 328 feet HGL Del Mar Terrace, 378 feet HGL Mar Villa, 420 feet HGL Arroyo Sorrento, 196 feet HGL Lower Del Mar Terrace and 435 feet HGL Del Mar Hills. Pressure zones within the community south of Carmel Valley Road are also the 610 feet HGL North City West, 330 feet HGL Torrey Pines, 420 feet HGL Arroyo Sorrento and 196 feet HGL Lower Del Mar Terrace.

South of Carmel Valley Road is a portion of the 30-inch Green Valley Pipeline which is in various stages of development. This pipeline is the main source of water for the 610, 470, and 330 feet HGL pressure zones serving the Sorrento Valley Road industrial area. The Green Valley Pipeline is a main hub for the water supply to this community and the adjacent communities. This pipeline runs in the north and south directions, which ties into the existing 30-inch Del Mar Heights Pipeline and the existing 54-inch Miramar Pipeline respectively.

Sewer

Sewer facilities serving the Torrey Pines community are considered adequate. Improvements in the sewer transmission network are planned or under construction along Carmel Valley Road, Sorrento Valley Boulevard and Sorrento Valley Road.

Existing major sewer facilities that run within the community include 12-inch/18-inch Del Mar Heights Trunk Sewer, 12-inch Del Mar force main and 33-inch Carmel Valley Trunk Sewer which all terminates at Pump Station 65 which is located in Los Peñasquitos Lagoon. From Pump Station 65, a 24-inch force main, the Sorrento Valley Trunk Sewer and the Campus Point Trunk Sewer carries the total flow of sewage from Torrey Pines and surrounding communities to Pump Station 64, which sends the effluent southward through the 42-inch force main towards the Point Loma Wastewater Treatment Plant. There is also an existing 84-inch sewer main along Sorrento Valley Boulevard and Sorrento Valley Road for the Sewer Pump Station 64 Emergency Storage.

Sewer improvements are planned or under construction in the portion of the Torrey Pines community south of Carmel Valley Road to accommodate growth in several adjacent communities and to solve technical problems. These improvement projects could affect road planning, environmental protection and land use.

The most critical project planned is the relocation of Pump Station 65 out of Los Peñasquitos Lagoon along with associated relocation and upgrading of major trunk sewers. This series of facilities must be coordinated with the realignment of Sorrento Valley Road, upgrading of protection for Los Peñasquitos Lagoon, and land use planning for northern Sorrento Valley. Sewer projects related directly to development of Carmel Valley and Sorrento Hills are planned or under construction along Carmel Valley Road and Sorrento Valley Boulevard.

Reclaimed Water

City Ordinance No. 0-17327, adopted in July 1989, mandates that no person or public agency shall use potable water for irrigation of greenbelt areas, or other uses where use of reclaimed water is suitable, when reclaimed water is available. Reclaimed water uses can include, but are not limited to, the irrigation of greenbelt and agricultural areas, filling of artificial uses, and appropriate industrial and commercial uses. The ordinance further requires that tentative maps, subdivision maps, land use permits, or other development projects, if falling within an existing or proposed reclaimed water service area based on the Water Reclamation Master Plan, be served with reclaimed water or include facilities designed to accommodate the reclaimed water in the future.

The Torrey Pines community planning area is located within the service area of the proposed North City Water Reclamation Plant. Therefore, facilities to accommodate future reclaimed water use will be a condition of approval of all developments in the area. The use of reclaimed water will include irrigation of greenbelt areas in commercial and industrial areas, schools, parks, multifamily residential and street medians and slopes.

Utilities

Major SDG&E land uses within the community plan area include the Del Mar substation and five overhead 69KV transmission lines. The Del Mar substation is an electric distribution substation that provides service to area customers within and outside the Torrey Pines community planning area.

Future expansion of the Del Mar substation will occur as customer growth occurs. Reconductoring of a portion of TL 666 and TL 662, enlarging the existing wire size, is planned in 1994. The underground reconductor of portions of TL 662 and TL 666 has been scheduled for 1994. No improvements are presently contemplated for the other identified transmission lines.

A route selection is underway for the installation of a new 69KV transmission line that will likely traverse the southern portion of Sorrento Valley. The line will originate within an existing 150-foot wide transmission line corridor in the Mira Mesa community planning area and terminate at the Genesee substation, which is located in the University community planning area.

GOALS

1. Provide adequate park and recreation facilities, libraries, schools, water and sewer service, and police and fire protection to the residents of Torrey Pines.
2. Maximize accessibility to community facilities for all members of the community.
3. Ensure that students have safe, direct access to their schools.
4. Ensure that new facilities are designed to minimize or preclude adverse impacts to environmentally sensitive resource areas.
5. Underground, where feasible, all above ground power lines, and relocate all power lines out of Los Peñasquitos Lagoon.

POLICIES

1. Permit only those recreational activities that do not negatively impact environmentally sensitive areas.
2. Crest Canyon Open Space Park, due to its topography and abundance of sensitive environmental resources, shall remain in its natural state, and shall not be developed for active recreational uses.
3. Passive recreational uses within the State Park and natural open space areas should continue to be provided to serve all age groups and interests.
4. Where feasible, remove or relocate public utility or facility projects from Los Peñasquitos Lagoon when improvements to these utilities are proposed.
5. When feasible, underground all above ground utility lines when major street improvements are proposed.
6. In order to provide a portion of needed active and passive recreational space, and to contribute towards meeting General Plan standards for active park area, the following actions should be pursued.
 - a. The neighborhood park portion of Crest Canyon should have limited park development on the 1.5+ acres of semi-level land adjacent to Del Mar Heights Road and Durango Drive. The development should be for passive recreational use and limited to view points, benches, trail heads, information signs and decomposed granite trails except where disabled access is viable. The open space portion of the canyon shall be preserved. Limited public access shall be provided by defined trails under standards established for the preservation of biologically sensitive plants and wildlife.

- b. Whenever possible, small vacant properties within residential neighborhoods should be purchased (by the City or through an assessment district) and developed as pocket parks. Development of pocket parks in residential areas should not generate noise or traffic impacts to adjacent residents.
 - c. Large, vacant, non-sensitive state-owned lands should be purchased (by the City or through an assessment district) and developed as neighborhood or community parks.
 - d. Joint use agreements with the elementary schools should be secured. If these schools should ever be declared surplus by the school district, they should be purchased by the City and developed as neighborhood or community parks.
7. Both the Del Mar Union and San Dieguito High School Districts should utilize every mechanism available to ensure that adequate school facilities are maintained. Future residential development east of I-5 should not negatively impact schools within the Torrey Pines planning area.
8. Adequate police protection should be maintained within the Torrey Pines planning area. All available police protection and law enforcement mechanisms should be provided to the Torrey Pines planning area.

ACTION PLAN

| Implementation Measures | Timing | Responsibility for Implementation | Source of Funding |
|---|---|--|--|
| Where feasible, underground all power distribution lines and relocate existing utilities out of Los Peñasquitos Lagoon. | When funding becomes available, or concurrent with major street or utility improvement projects | City of San Diego, SDG&E | City of San Diego, SDG&E |
| Provide joint use of elementary schools' recreational facilities. | Continuous | Del Mar Union School District, City of San Diego | School District, City of San Diego |
| Maintain Crest Canyon open space park as an undeveloped, passive recreational park. | Continuous | Park and Recreation Department | City of San Diego |
| Adopt the Torrey Pines Public facilities Financing Plan. | Adopt with Plan | Planning Department | City of San Diego |
| Purchase and develop existing vacant property as pocket, neighborhood and/or community parks. | When funding becomes available | Park and Recreation Department | Assessment District, City of San Diego |