

Capital Improvement Program



photo by Laura Nelson



CAPITAL IMPROVEMENT PROGRAM 2008-2015

Each year a significant portion of the City Budget is devoted to capital improvement projects. These projects result in improvements to City streets, additions of curbs, gutters, and sidewalks, modifications of traffic signals, improvements to City parks and waterways, and needed improvements of various public facilities. The combined scope of work for the next seven years constitutes the City's Capital Improvement Program (CIP). The Capital Improvement Program is a seven-year program required to meet requirements imposed by Measure M. The following pages provide an overview of the Capital Improvement Program approved by the City Council for the 2008-2015 fiscal years.

CIP Priorities

The projects included in the CIP reflect the highest priorities of the City of San Juan Capistrano. Projects required for public safety and the protection of the City's existing capital improvements are of the highest priority. Projects which further extend or expand existing capital improvements according to approved plans are also priorities. These priorities are established based on a review of deficiencies in infrastructure as conducted by City staff, and with the input of the commissions, boards and committees established by the City Council. During the public hearings conducted by the City Council in May and June 2008, input is also provided by interested citizens about the proposed projects.

Expenditures

After priorities are established, projects are spread out over the seven-year period based on projected yearly revenues. It is anticipated that \$160 million will be spent for capital improvement projects over the next seven years. The following is a breakdown of the funding for each year of the Capital Improvement Program.

<u>Fiscal Year</u>	<u>Authorized Expenditures</u>
2008-2009	\$34,944,012
2009-2010	\$26,820,377
2010-2011	\$28,211,026
2011-2012	\$19,531,262
2012-2013	\$17,350,018
2013-2014	\$25,649,991
<u>2014-2015</u>	<u>\$ 9,998,308</u>
TOTAL	\$162,504,994

2008-2009 Highlights

The major projects for this year's Capital Improvement Program include several projects which were identified in the City's Traffic Congestion Relief Program (TCRP) which was adopted by City Council in September 2003. These TCRP projects include Del Obispo and Camino Capistrano Intersection Improvements, Del Obispo Street Widening (300' S of Calle Aspero 400') and Aguacate Road to North of Calle Aspero, I-5 Interchange @ Ortega Highway Preliminary Design, Junipero Serra Road and Rancho Viejo Road Intersection improvements.

Other major projects for 2008-2009 include the following:

Circulation Projects – Preventative Street Maintenance, Grade Crossing Safety Enhancement Improvements (Quiet Zone), an In-Pavement Lit Crosswalk at Camino Del Avion and Avenida Descanso and Camino Capistrano and Forster Street (including area enhancements).

Park & Recreation Projects – The Park and Recreation Needs Assessment has been completed. Staff has requested that City Council provide staff with a desired implementation plan regarding priority, scope, and desired location for each of the projects identified. Major projects funded from this fund include Phase II of the Trail Signage Program, Phase 3 of Los Mares Trail, Cook Lane Trail, Realignment of Shea Trail, San Juan Creek Bike Trail Lighting, and an annual allocation for General Trail Improvements throughout the City.

Historic Preservation Projects – Parra Adobe/Harrison House Site Improvements, and Congdon House Water Tower Renovation.

Community Redevelopment Agency Projects – Verdugo Street Enhancements (part of the Downtown Beautification Program), Calle Jardin Park Improvements, Rancho Viejo Road Rehabilitation, Underground Utilities in the Downtown, Historic Town Center Sidewalk and Final Phase of the Downtown Lighting Program.

Sewer Projects – Hydraulic Capacity #4 Project, Trunk Line Sewer Reconstruction-SOCWA plant to 720' North, Hydraulic

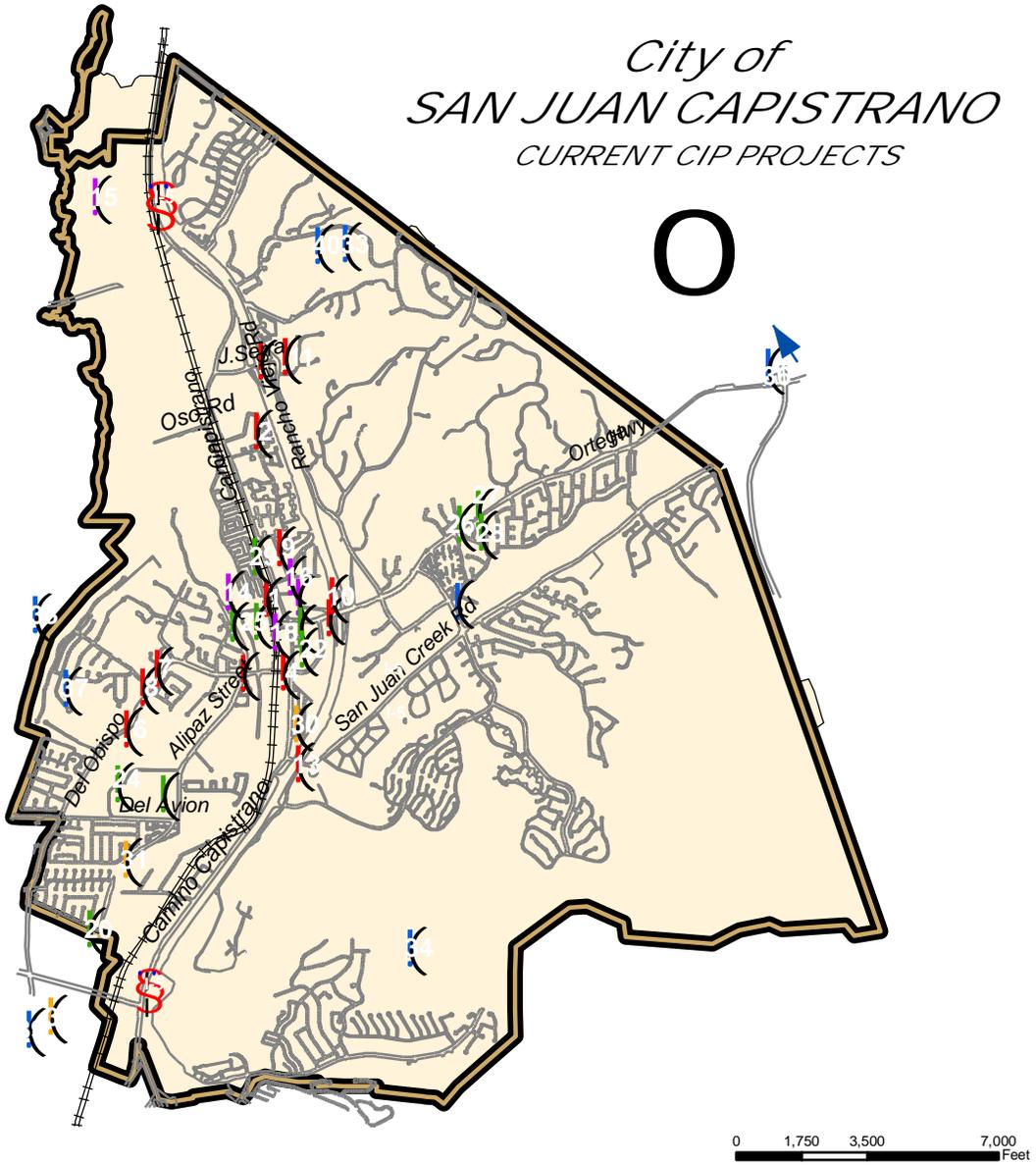
Capacity #5 Project, Trabuco Creek Sewer and Siphon, and the Sewer Monitoring Project.

Water Projects – Additional Ground Water Recovery Wells, Chiquita Emergency Storage Reservoir, and High West Side Line Replacement. Recycled Water projects include Recycled Water Service Retrofits, Recycled Water Pipelines, 425 N. Recycled Water Reservoir Design and continuing design for the Advanced Water Treatment Facility.

In addition to the above listed projects, numerous other roadway, sewer, drainage, park, equestrian, and water improvements are also slated for the 2008-2015 Capital Improvement Program.

City of SAN JUAN CAPISTRANO

CURRENT CIP PROJECTS



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CIRCULATION	
1	BUS BENCH SHELTERS
2	CALLE RESPLENDOR DRAINAGE IMPROVEMENTS
3	DEL OBISPO CIRCULATION IMPROVEMENTS/BRIDGE WIDENING
4	DEL OBISPO STREET/CAMINO CAPISTRANO INTERSECTION IMPROVEMENTS
5	DEL OBISPO STREET AND JUNIPERO SERRA ROAD REHABILITATION (3 REHABS)
6	DEL OBISPO STREET REHABILITATION - AGUACATE TO BLUE FIN (2 REHABS)
7	DEL OBISPO STREET WIDENING, 300' S/O CALLE ASPERO TO 400' NORTH
8	DEL OBISPO WIDENING, AGUACATE N/O CALLE ASPERO
9	EL CAMINO REAL AT DON JUAN RETAINING WALL
10	I-5 ORTEGA INTERCHANGE PRELIMINARY DESIGN
11	JUNIPERO SERRA RD/RANCH VIEJO RD INTERSECTION IMPROVEMENTS
12	ORTEGA HIGHWAY TRAFFIC SIGNAL TIMING AND COORDINATION
13	SAN JUAN CREEK ROAD WIDENING, VALLE TO CAMINO CAPISTRANO
MISCELLANEOUS	
14	LITTLE HOLLYWOOD EXPANSION
15	OPEN SPACE ACQUISITION
16	SAN JUAN CAPISTRANO REGIONAL LIBRARY - EXPANSION
17	SAN JUAN CAPISTRANO REGIONAL LIBRARY - REPAIRS AND RENOVATION
18	VERDUGO STREET ENHANCEMENTS

PARKS & RECREATION PROJECTS/HISTORIC PRESERVATION	
19	BLAS AGUILAR ADOBE (PHASE C)
20	CALLE JARDIN PARK IMPROVEMENTS
21	CONGDON HOUSE ADA IMPROVEMENTS
22	HTC PARK LIGHT STRUCTURES / INSTALLATION
23	LOS RIOS PARK ENGINEERING DESIGN AND CONSTRUCTION
24	MARCO FORSTER MIDDLE SCHOOL ARTIFICIAL TURF FIELD
25	MONTANEZ ADOBE STRUCTURAL IMPROVEMENTS
26	PARRA ADOBE / HARRISON FARM HOUSE MASTER PLAN
27	PARRA ADOBE / HARRISON FARM HOUSE SITE IMPROVEMENTS
28	PARRA ADOBE STRUCTURAL REHABILITATION
29	STONE FIELD SAFETY NETTING
SEWER PROJECTS	
30	HYDRAULIC CAPACITY PROJECT NO. 1 - NEW
31	HYDRAULIC CAPACITY PROJECT NO. 2 - TRUNK LINE RECON. C. JARDIN
32	HYDRAULIC CAPACITY PROJECT NO. 4 - TRUNK LINE RECONSTRUCTION
WATER PROJECTS	
33	425N RECYCLED WATER RESERVOIR DESIGN
34	760S RESERVOIR
35	ADDITIONAL GROUND RECOVERY WELLS
36	CHIQUITA RESERVOIR
37	COOKS RESERVOIR REPAIR
38	HIGH WEST SIDE PIPELINE PROJECT
39	RECYCLED WATER ADVANCED WATER TREATMENT PLANT
40	TERMINAL RESERVOIR NO. 3

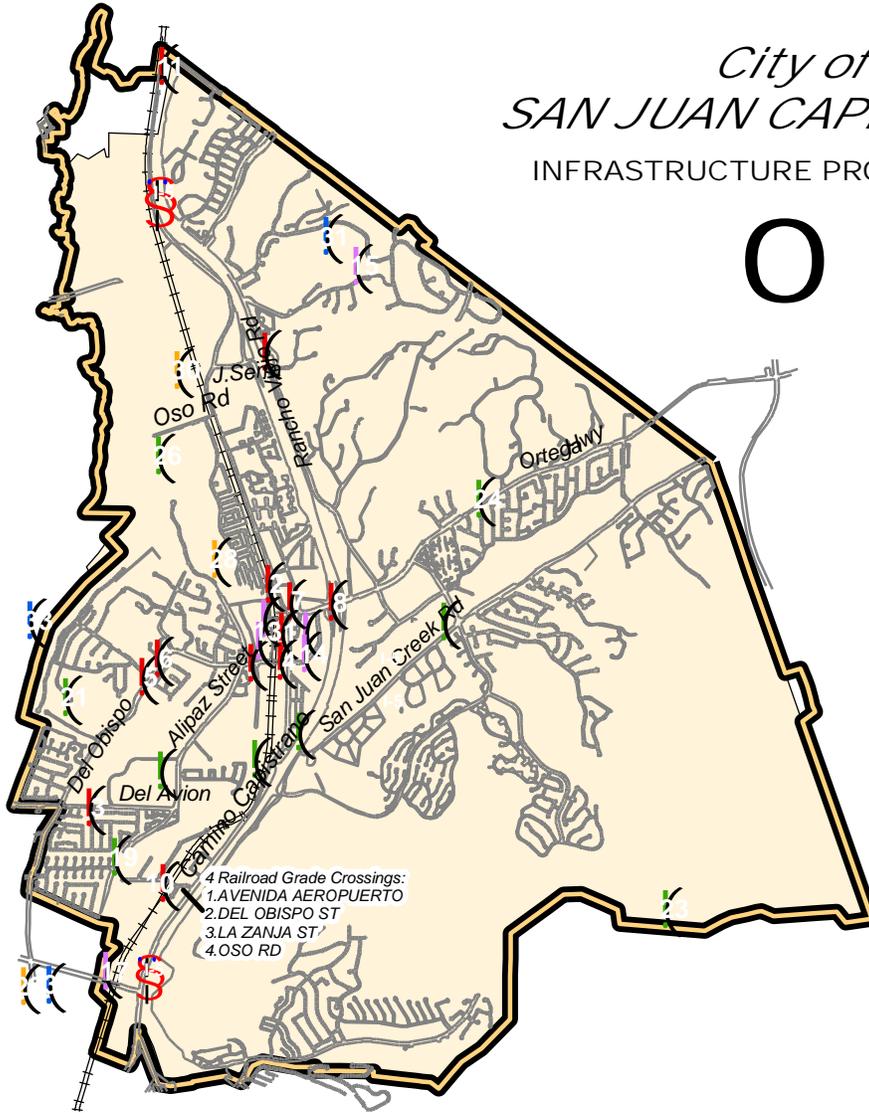


INFRASTRUCTURE PROJECTS CURRENTLY IN PROGRESS

Map Prepared by the Department of Engineering & Building

City of SAN JUAN CAPISTRANO

INFRASTRUCTURE PROJECTS MAP



0 1,750 3,500 7,000 Feet

CIRCULATION	PARKS & RECREATION PROJECTS/HISTORIC PRESERVATION
1 CAMINO CAPISTRANO / FORSTER ST. (EL ADOBE) IN-PAVEMENT LIT CROSSWALK	19 CALLE JARDIN PARK IMPROVEMENTS
2 CAMINO CAPISTRANO / LA ZANJA STREET LEFT TURN PHASE	20 CONGDON HOUSE WATER TOWER RENOVATION
3 CAMINO DEL AVION / DESCANSO IN-PAVEMENT LIT CROSSWALK	21 COOK LANE TRAIL
4 DEL OBISPO STREET / CAMINO CAPISTRANO STREET IMPROVEMENTS	22 LA NOVIA PARK AT SAN JUAN CREEK ROAD
5 DEL OBISPO STREET WIDENING, 300' SOUTH OF CALLE ASPERO TO 400' NORTH	23 NEW TRAIL, LOS MARES TRAIL, PHASE 3
6 DEL OBISPO STREET WIDENING, AGUACATE ROAD NORTH OF CALLE ASPERO	24 PARRA ADOBE / HARRISON HOUSE SITE IMPROVEMENTS
7 DOWNTOWN UNDERGROUND UTILITY DISTRICT 99-01	25 SAN JUAN CREEK BIKE TRAIL LIGHTING
8 I-5 INTERCHANGE AT ORTEGA HIGHWAY - DESIGN ENGINEERING	26 SHEA TRAIL REALIGNMENT
9 JUNIPERO SERRA ROAD / RANCHO VIEJO ROAD INTERSECTION IMPROVEMENTS	27 VEREDA UNDERCROSSING BIKE PATH LIGHTING
10 RAILROAD CROSSING IMPROVEMENTS (QUIET ZONES) - 4 LOCATIONS	SEWER PROJECTS
11 RANCHO VIEJO ROAD / PASEO ESPADA TRAFFIC SIGNAL	28 AVENIDA DE LA VISTA SEWER LIFT STATION
12 TRABUCO CREEK BRIDGE AT DEL OBISPO STREET APPROACH REPAIR	29 HYDRAULIC CAPACITY NO. 4 - TRUNK LINE SEWER RECONST, SOCWA TO 720'
MISCELLANEOUS	30 HYDRAULIC CAPACITY NO. 5 - TRABUCO CREEK SEWER AND SIPHON
13 COMMUTER PARKING SURVEILLANCE SYSTEM	WATER PROJECTS
14 DOWNTOWN LIGHTING - FINAL PHASE	31 425N RECYCLED WATER RESERVOIR
15 HIGHLAND DRIVE PRELIMINARY GEOTECHNICAL REVIEW	32 ADVANCED WATER TREATMENT FACILITY
16 HISTORIC TOWN CENTER PARK SIDEWALK	33 HIGH WEST SIDE LINE REPLACEMENT
17 LOWER ROSAN RANCH DRIVEWAY	
18 VERDUGO STREET ENHANCEMENTS	



2008-2009 INFRASTRUCTURE PROJECTS

Map Prepared by the Department of Engineering & Building

DESCRIPTION OF FUNDING SOURCES

Systems Development- Proceeds from development fees collected under Ordinance No. 364 and Ordinance 211 to accommodate new development growth.

Parks and Recreation- Proceeds from fees collected under Ordinance No. 210 to develop parks and recreational facilities.

Drainage- Proceeds from development fees collected under Ordinance No. 162 for the construction of local drainage facilities in accordance with the Master Plan of Drainage.

CDBG- Grant proceeds received from the Department of Housing and Urban Development to be used as additional financing for predetermined projects designated by the granting agency.

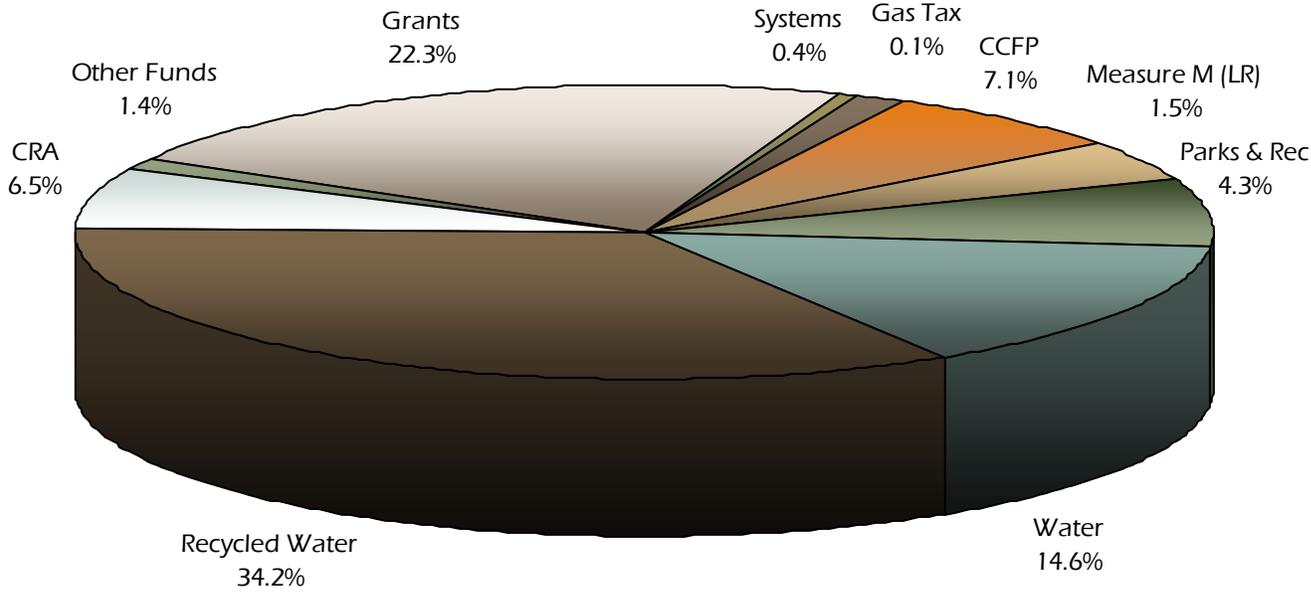
Gas Tax- Proceeds of state subventions received as the result of Section 2105, 2106, 2107 and 2107.5 of the California Streets and Highways Code to be used for maintenance, rehabilitation or construction of roads and road improvements.

Measure M- Proceeds of Orange County Measure M funding received as the result of increased sales tax to be used for construction of roads and road improvements.

Sewer- Proceeds from connection fees collected under Resolution No. 83-8-16-2 for the construction of sewer plant and facilities.

Water- Proceeds from connection fees, property taxes and specially assessed water charges for the construction of water plant and facilities.

***FY 2008-2009
Capital Improvement Projects
Expenditure by Fund
Total - \$34,494,012***



PROJECT DESCRIPTIONS FISCAL YEAR 2008-2009

CIRCULATION AND TCRP PROJECTS

<u>Type</u>	<u>City Council Priority</u>	<u>CIP #</u>	<u>Project Title</u>	<u>Description/Status</u>
TCRP		102	Del Obispo St. Widening, 300' S. Calle Aspero to 400' North	TCRP #3 and CCFP 3.2 – This project will design and construct ultimate improvements where public right-of-way has recently been dedicated to the City. New money allocation will provide for inclusion of Underground Utility District 05-01, a portion of which will be constructed with the project.
TCRP		105	Crack Seal Program	Project is annual crack sealing of City streets requires as preventative maintenance.
Circulation		111	Del Obispo Street/Camino Capistrano Intersection Improvements.	TCRP 7,8,9 – Project completes design, environmental and constructs circulation improvements at Del Obispo Street/Camino Capistrano intersection per master plan. Right of Way Acquisition in 08/09, with construction split over two years 08/09 and 09/10.
TCRP		119	Preventative Street Maintenance	This project provides for annual design and construction for maintenance of City streets using slurry and/or asphalt overlays. This years allocation will be funded mainly with Prop 42 and Prop 1B monies.
TCRP		121	Del Obispo Widening, Aguacate North of Calle Aspero ROW	TCRP 30a and CCFP 3.2 – Project consists of design and construction for full westside improvements. The existing sidewalk will be removed in order to widen the west side of Del Obispo Street by 5'. Right-of-way acquisition will need to occur for an approximate 2,500 square foot stretch of land on a neighboring property for construction of a retaining wall and backup drainage devices. Landscaping will follow the concept of CIP #102. A private driveway between Calle Aspero and Aguacate will also need to be reworked in order to accommodate the widening. Project will include Underground Utility District 05-01.
TCRP		126	Trabuco Creek Bridge at Del Obispo Street Approach Repair	Project consists of permanent approach repairs to be constructed with the bridge widening (CIP #122). Project will be coordinated with CIP #122.
Circulation		127	Arterial Street Major Rehabilitation Projects	Project consists of design and construction of rehabilitation of arterial City Streets. This project allows for shelf-ready plan design/construction, which helps staff compete for grant funding from County and State.
Circulation	5C	141	I-5 Ortega Interchange Design - TCRP #6	TCRP #6 and CCFP 7.5 – Project involves the design engineering and environmental studies for the Ortega Interchange reconfiguration. Project is needed to improve traffic flow and relieve congestion in the downtown area.

Type	City Council Priority	CIP #	Project Title	Description/Status
Circulation		404	Junipero Serra Rd/Rancho Viejo Rd Intersection Improvements	Project consists of design, right-of-way acquisition and construction of street widening and traffic-signal at the intersection of Junipero Serra Rd and Rancho Viejo Road.
Circulation		406	San Juan Creek Rd Widening, Valle to Camino Cap Pre-Design	TCRP #31 and CCFP 10.4 – Project provides for completion of feasibility study and pre-design for widening San Juan Creek Road under I-5 Overpass between Valle Road and Camino Capistrano. Project is supplemented with SCRIP funding.
		407	Railroad Crossing Improvements (Quiet Zone)	This project provides for Quiet Zone and Grade Crossing improvements at the four railroad crossings in San Juan Capistrano. The City is currently working with Metrolink and OCTA to develop the guidelines and priority listing for improvements.
		409	Bus Bench Shelters - Camino Capistrano	Project provides installation of covered bus bench shelters along Camino Capistrano at high use bus stop locations (locations to be determined). Project is currently in design.
		417	Cam. Del Avion/Avenida Descanso In-Pavement Lit Crosswalk	Project consists of design and construction of an in-pavement lighted crosswalk system. Requested by Marco Forster PTA to address safety concerns at crosswalk.
		New	Camino Capistrano & La Zanja Left Turn Phase	TCRP #43 – Project consists of traffic signal improvements to provide a protected left turn phase to the existing traffic signal for northbound and southbound traffic on Camino Capistrano.
		New	Rancho Viejo Road and Paseo Espada Traffic Signal	TCRP #54, CCFP 8.1 – Project consists of design and construction of a traffic signal at Rancho Viejo Road and Paseo Espada.
		New	Camino Capistrano ;& Forster St. (El Adobe) In-Pavement Lighted Crosswalk	Project consists of design and construction to replace the existing in-pavement lighted crosswalk system at El Adobe, including enhancements in the downtown area.

CRA AND MISCELLANEOUS PROJECTS

Type	City Council Priority	CIP #	Project Title	Description/Status
OTHER		132	Miscellaneous Engineering	Funding in this project provides for preparation of projects for future funding requests and to develop shelf ready projects. Projects could include advance work such as our regular rehabilitation projects, signal project design, preparation of grant applications for Measure M and other grant programs, engineering studies, etc..
OTHER		107	Highland Drive Preliminary Geotechnical Review	Project will continue inclinometer readings to monitor the crest of Highland Drive, monitored in 2000-2001, 2002-2003, 2004-2005 and 2006-2007.
	16A	108	Historic Town Center Park Sidewalk	CRA Funded - Construction of curb, gutter and sidewalk in front of Historic Town Center Park.
		112	Commuter Parking Surveillance System	Project consists of the installation of a parking surveillance system for the Depot Parking lot.
	16A	118	Downtown Lighting, Final Phase	CRA Funded - Completion of the Downtown Lighting Program on El Camino Real – Includes remaining 3 lights.
		401	CCFP Administration	Funding in this project provides for miscellaneous administrative functions related to the CCFP program (update of projects, scope of work, reimbursement and fee collection issues).
		New	Calle Jardin Park Improvements	Project is eligible for CRA Funding - Project provides for installation of various hardscape and softscape enhancements to vacant city owned property at the southeast terminus of Calle Jardin. The landscape and hardscape improvements are a condition of the City of Dana Point's approval for our Boundary adjustment application at LAFCO.
	8A	New	Lower Rosan Ranch Driveway	Project is eligible for CRA Funding - The Redevelopment Agency has licensed the use of Lower Rosan Ranch to Toyota for temporary storage of vehicle inventory. To access the property, the Agency had to secure a temporary public property permit from OCFCD. The District conditioned the permit for 18 months. In order to be able to access Lower Rosan after the public property permit expires, a new driveway approach will need to be designed and installed.
	16A	R-05	Underground Utility District 99-01	CRA Funded - This project will underground the electric, telephone, and cable tv lines in the downtown area. SDGE will construct the project, using available Rule 20A funding. City monies will provide for installation of four downtown street lights, survey, centerline ties, archeological monitoring, off street storage, location of existing utilities, traffic control, and slurry of private property affected per prior agreement.
	16A	R-12	Verdugo Steet Enhancements	CRA Funded - City Council Priority, Formerly named Downtown Beautification Program. Concept design in progress.

PARK AND RECREATION/HISTORIC PRESERVATION PROJECTS

Type	City Council Priority	CIP #	Project Title	Description/Status
Historic Preser.		475	Parra Adobe/Harrison House Site Improvements	The site improvements will implement the recommendations of the Master Plan (CIP #473) for using the site, parking/circulation, ADA solutions and landscaping that maintain the historic integrity of this Nationally Registered pair of buildings. Prior year budgeted design services. This year for construction.
Historic Preser.	11A	451	New Trail – Los Mares Trail, Phase 3	This project/phase consists of completion of the City Portion of this new trail and will connect Camino Los Mares to the San Clemente and San Onofre Trail systems. Phase #1 was completed in 2005 and Phase #2 was completed in 2007, however, only included the county portion.
Park & Recreation	11A	468	General Trail Improvements	Project provides for new trail easements, fencing improvements, minor new trail projects yet to be determined to enhance the City's trail system (annual allocation).
Park & Recreation	11A	483	Trail Signage Program	Program includes signing all City trails. Phase I in 07/08 Pilot Program, Phase II in 08/09.
Park & Recreation		NA #1	New Community Swimming Pool	A community recreational swimming pool to be constructed as part of the Recreation Needs Assessment. Possible locations: Sports Park, Open Space area, Community Garden (relocate garden to open space), San Juan Hills High School as a joint use agreement. This year allocation for site assessment and design.
Park & Recreation		NA #2	New Skateboard Park	A skateboard park to be constructed as part of the Recreation Needs Assessment. Possible location at Marco Forster Middle School to replace the existing roller hockey courts.
P			La Novia Park @ San Juan Creek Road	New passive Park on City Owned property at La Novia and San Juan Creek Road.
		NA #6	Playground Upgrades	New program to upgrade various playgrounds in City parks on an annual basis.
	11A	New	Cook Lane Trail	Completion of multipurpose trail near Cook Lane Reservoir. An easement needs to be obtained and additional sections will need improvement. Project will proceed after completion of Cook's Reservoir project.
	11A	New	Shea Trail Realignment	Project will grade and realign section of Shea Trail to prevent future run-off erosion and flooding.
	11A	New	Vereda Bikeway Path Lighting	Installation of underpass lighting as underpass section is very dark and has become a safety hazard.
	11A	New	San Juan Creek Bike Trail Lighting	This project will provide a low level lighting design for future construction along the San Juan Creek Bike Trail.
P & R		New	Congdon House Water Tower Renovation	Provides structural stability, repair and replacement of damaged, missing and deteriorated elements. Site is on National Register of Historic Places. Storms in 2007 caused partial collapse of tank roof and cladding; tower siding deteriorated from the elements. Condition of water tower impacts farm operation and future museum use in adjacent Congdon House.

SEWER PROJECTS

Type	City Council Priority	CIP #	Project Title	Description/Status
		711	SOCWA PC 2R	Annual allocation for City's portion of SOCWA Capital Projects.
		713	Hydraulic Capacity #5 – Trabuco Creek Sewer and Siphon	This project will design and construct a 12" diameter sewer to replace the sewer previously washed away between railroad trestle and Camino Capistrano/Junipero Serra.
		728	Major Sewer Repairs	This project will investigate, design and construct repairs to City sewer facilities.
		New	Avenida De La Vista Sewer Lift Station	This project will design and construct a permanent sewer lift station to replace the current temporary one.
Sewer		New	Hydraulic Capacity #4 – Trunk Line Sewer Reconstruction, SOCWA Plan to 720' North	This project will design and reconstruct the existing trunk line sewer as a 27" diameter line SOCWA to 720' North.

DOMESTIC WATER PROJECTS

Type	City Council Priority	CIP #	Project Title	Description/Status
Water		767	Undefined Replacement Projects	Domestic Water Master Plan Project (under Replacement) – this project provides a set aside fund annually to build to a maximum of \$600,000 to provide for unforeseen replacement projects.
Water		768	SCADA System Expansion Design	The SCADA project is included in the DWMP though not given a Master Plan identifier. The amount budgeted is \$25K per year. This project is intended to cover the addition of SCADA controls to existing facilities. The projects include Base station programming, the addition of a two day backup power supply to the main radio repeater site at Krum reservoir, automated flow readings for the system meters, and additional SCADA enhancements as needed.
Water		774	Chiquita Emergency Storage Reservoir	The Chiquita Emergency Storage Reservoir (CESR) will replace project B1a or the DWMP, the 250S reservoir. The 250S proved unfeasible because of the estimated cost of construction \$8.3M, exceeded the available budget for this reservoir of \$3.8M. The CESR is under development by Santa Margarita Water District (SMWD) as an 800 acre-foot (260 million gallon) earth embankment reservoir with lining and covering. Costs for the CESR are expected to be in the range of \$0.15 - \$0.25 per gallon. Participation in the CESR will obtain for the City between 20 – 15 million gallons of reservoir volume compared to the 2.5 mg considered for the 250 S. Reservoir.
Water		775	Additional Ground Water Recovery Wells	Construct two additional wells and a pipeline to the Ground Water Recovery Plan to increase the supply of water to the GWRP.
Water		776	Pipelines E13 and E14	Domestic Water Master Plan Project – Design of domestic pipelines - E-13 and E-14. Construction deferred to 08/09 to coordinate with construction of recycled lines in the same area.
Water		780	Joint Regional Water Supply System (formerly Tri-Cities)	Per agreement with the operators of the Tri-Cities line, now referred to as the Joint Regional Water Supply System (JRWSS) line, the City pays an annual fee to cover the cost of capital modifications made to the JRWSS line as part of its continued maintenance, repair, and modification.
Water		784	Del Obispo Connection Lease	The Del Obispo interconnection is a connection with the JRWSS line. We rent excess capacity, 1.5 cfs, from SCWD for \$60,000 per year. This arrangement will be terminated when the new Cooks reservoir is constructed and operational. The connection will then revert to an emergency connection, for a much lower annual cost.
Water		793	High West Side Line Replacement Construction	This project is included in the DWMP as pipeline projects E11, 12A, 12B, 12C, and E20. This set of pipelines will allow for the abandonment of the high west side line, and the construction of a more reliable line in a more accessible location.

RECYCLED WATER PROJECTS

Type	City Council Priority	CIP #	Project Title	Description/Status
Recycled		755	Recycled Water Pipelines 2006-2008	Recycled Water Master Plan Project – Project split between 06/07, 07/08, and 08/09 for design and construction of various Recycled Water Pipelines per master plan scheduling.
Recycled		777	425N Recycled Water Reservoir Design	Recycled Water Master Plan Project – Project constructs a 1.0 mg reservoir at the site of the existing Terminal #2, adjacent to the existing Terminal #3 reservoir.
Recycled		785	Recycled Water Pressure Reducing Valves	Recycled Water Master Plan Project – Constructs five pressure reducing valves for the recycled water system.
Recycled		787	Advanced Water Treatment Facility Design	Recycled Water Master Plan Project – Project will construct a 9.0 mgd recycled water treatment facility at the J.B. Latham Wastewater Treatment Plant with Santa Margarita Water District and Moulton Niguel Water District. A \$5,000,000 Proposition 50 Grant was awarded to the project, of which SJC is entitled to \$3,890,000. The balance of the grant will be shared by SMWD and MNWD.
Recycled		788	570 E Recycled Reservoir	Recycled Water Master Plan Project – Project is a jointly constructed and operated, 3.5 million gallon reservoir with Santa Margarita Water District. SMWD will have 2.5 mg capacity and SJC will have 1.0 mg capacity. SMWD will operate and maintain the reservoir. SJC will reimburse SMWD for its share of the costs. The reservoir is to be designed in 06/07 and constructed in 07/08, however, will be operated as a domestic reservoir until 2010. SJC will pay for its share of the design costs, but will not pay for its inlet outlet line until 2010 when the 575E Reservoir is converted to recycled water.
Recycled		789	Recycled Water Service Retrofits	Recycled Water Master Plan Project – Various projects to convert the service sites from domestic, non-domestic, or recycled being read by domestic to recycled water service.

