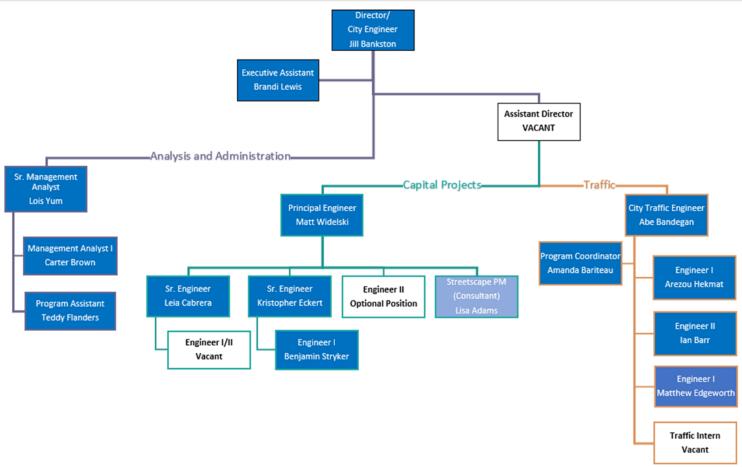


AGENDA

- 1. ENGINEERING DEPARTMENT OVERVIEW
- 2. STRATEGIC PLAN Old and New
- 3. CIP FUNDING
- 4. GRANTS
- 5. CAPITAL PROJECT DEVELOPMENT PROCESS
- 6. EMERGENCY PROJECTS



ENGINEERING ORG CHART





ADMINISTRATION AND ANALYSIS DIVISION

Analysis and Administration Team

Department Budget

Assist with Project Budgets

Invoices

Consultant Contracts and Agenda Reports

Customer Service



City Engineer

Approve Encroachment Permits, Easements, Maintenance Agreements and Land Dedications

Private Development: Subdivision Maps, Grading Plans, Improvement Plans & Final Maps

Confirm Safety related to Flooding, Geology & ADA

Approve Capital Project Plans

Emergency Call Outs for Bluffs, Drainage Emergencies, etc.

KEY DEPARTMENT PROJECTS

Annual Budget
Infrastructure Task Force
Encinitas Academy



CAPITAL PROJECTS (CIP) DIVISION

KEY CAPITAL PROJECTS

Pacific View School

Leucadia Streetscape

Quiet Zone Design

Leucadia At-Grade Xings

Annual Pavement Project

Santa Fe Drive East/West

Beacon's Beach Parking Lot

Moonlight Beach Culvert Repairs







Responsibilities

Scope & Estimate for New Projects and Improvements to City Infrastructure

Design, Environmental Analysis, Right of Way, Permitting, and Construction of Capital Projects

Annual CIP Budget and 6-Year CIP Plan

Coordinate City Projects with Private Development Construction

Interagency Collaboration: SANDAG, Caltrans, NCTD, Army Corps, Neighboring Cities, CCC

Engineering Studies: Drainage Studies, Sewer Master Plans, Rail Corridor Studies

Grant Opportunities: State, Federal and Local Grants, Entitlements and Appropriations

Emergency Repair Projects: Sinkholes, Bridge Spalls, Pipe Failures



TRAFFIC DIVISION

Responsibilities

Projects to Improve Bike, Ped & Vehicle Mobility

Address Traffic, Bike and Pedestrian Safety Issues

Traffic Control and Traffic Calming Devices: Signage, Striping, Traffic Signals, Speed Tables

Citizen Complaints/Inquiries: Stop Signs, Crosswalks, Red Curbs, RRFBs, Sight Distance, Speed Limits

Mobility and Traffic Safety Commission

Review Private Development Traffic Impact Analyses

Review Traffic Control Plans: Capital Projects, Private Development, Events

Support the Mobility Element Update and Modal Alternatives Project







KEY TRAFFIC PROJECTS

S101 Cycle Track Phase 2

Hillcrest/Eolus Neighborhood Circle
Rancho Santa Fe Traffic Calming
El Camino Real Z Crossing

Manchester/San Elijo Ped Crossing

Signal Leading Pedestrian Intervals

Streetlight Conversion to LED

Ped Signal at Solana Beach



STRATEGIC PLAN

STRATEGIC PLAN

OUR MISSION

Preserve, protect, and provide innovative services that enhance the quality of life for residents, visitors, businesses, and our communities.



RESPECTFUL PARTNERSHIPS - Encourage honest dialogue, diversity in thinking IMPROVEMENT & EFFICIENCY - Streamline everything we do using best practic FINANCIALLY SOUND DECISION-MAKING - Achieve long-term sustainability.

DATA GATHERING & SHARING - Enhance informed decision making.

MEASUREMENT & ACCOUNTABILITY - Ensure excellent service and the best investigation

COMMUNITY OUTREACH - Seek feedback from the community.

COMMUNITY CHARACTER - Protect community character and agricultural prog



Strategic Plan 2023





Vision

2019-2021

Encinitas is five unique communities thriving as ONE great City.

Mission

Leading the preservation and evolution of our City and providing innovative services that enhance the quality of life for residents, visitors, businesses, and our communities.

Focus Areas



Mobility & Alternate Modes

Mobility and Alternative Modes mean we strive to be a nation-wide leader in mode shift by providing data driven solutions to create a safe transportation network along with programs that educate and empower people to reach destinations by active transportation and micro-mobility.



Engagement & Education

Engagement and education means taking initiative to listen and learn from the community using diverse and inclusive communication tools that continually adapt and build relationships with our community stakeholders. Communication and engagement are characterized as fair, civil, timely and transparent.



Housing & Affordability

Housing & Affordability means providing diverse and affordable housing, including workforce housing, having a roof over everyone's head, engaging underrepresented populations, and ensuring the provision of support services.



Fiscal Stewardship & Effective City Services

Fiscal Stewardship means using resources in a prudent and efficient manner consistent with City goals. Effective City Services means services are provided respectfully, responsibly, timely and predictably.



Evolving & Preserving Community Character

Evolving & Preserving Community Character means managing growth while maintaining an accessible, innovative, and welcoming unique beach city; ensuring that diversity of the community includes a great mix of businesses, people, housing and open space that results in a high quality of life.



Environmental Health & Leadership

Environmental Health & Leadership means continuing our environmental leadership by showing our commitment to good stewardship of our natural resources; meeting our goals on Climate Action remains a priority, including decarbonization, mobility mode shift, clean air and water, responsible solid waste disposal, storm and wastewater reuse, shoreline, and open space preservation.

CITY OF ENCINITAS

Strategic Plan



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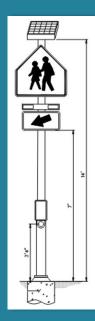


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Encinitas MAP



Mobility & Alternate Modes

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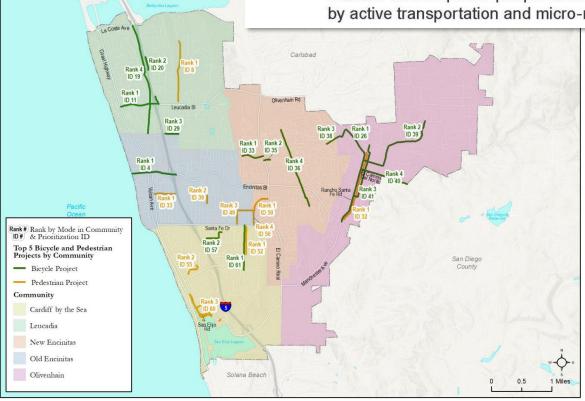


Figure 3.2

Top 5 Bicycle and Pedestrian Projects by Community

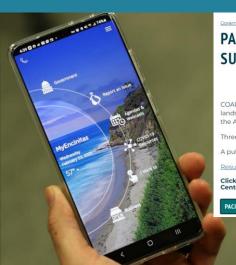




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Government » Departments » Parks, Recreation & Cultural Arts » Cultural Arts »

PACIFIC VIEW ART CENTER COLOR PALETTE **SURVEY**



COAR Design Group facilitated a small focus group of arts community members that included a landscape architect, a member of the Commission for the Arts, and a member of Encinitas Friends of the Arts to review and recommend color palettes for the Pacific View Art Center buildings' exterior.

Three color palette options were developed by the focus group a

A public survey to collect public input on the color palette option

Results were shared with the Commission for the Arts at their A

Click on the + in the bar below to see renderings of the final co

PACIFIC VIEW ART CENTER FINAL COLOR PALETTE RENDERINGS





Birmingham Drive Streetscape Project Case No. 17-238 CPP

A citizen participation meeting was held on Monday, November 13, 2017 at 6 PM at Cardiff Elementary School for the Birmingham Drive Streetscape Project.

General overview of design, preservation of sidewalk panels, benefits to a re-design and environmental improvements. General input was recorded and captured via comment cards provided at the meeting.

Communications Focus

- Input on the design is timely and will be heard and considered
- The improvements will greatly benefit the environment
- These improvements will create an accessible street and make Birmingham Drive ADA

On October 31, 2017, a workshop invitation with information was distributed to all property owners and residents within a 500-foot radius of the Birmingham Drive and parents who carpool to schools. To supplement this mailing, hangers were also distributed to the specified residents.

A total of 778 mailers and door hangers were mailed and distributed, and only 16 mailers were returned. The City of Encinitas provided the mailing list. A total of 60 people attended the community meeting with 46 people signing in. The meeting lasted for one hour.

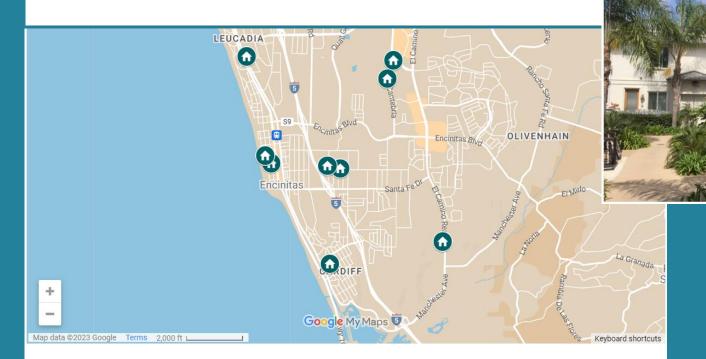
Logistics and Structure:

There was a check-in station with large posters, graphics and the theme for the project to set the tone. Handouts and explanation of the stations were available throughout. In reading some of the articles on the history of Birmingham Drive and the sidewalk tiles, the word "path" came up a lot, so working titles for the different stations and topics were created.



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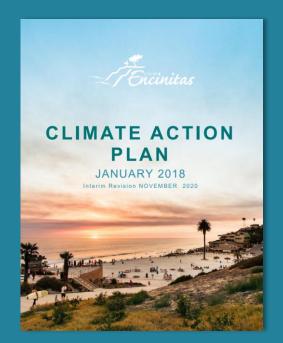




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Strategies	Goals
Building Efficiency	Reduce Building Energy Consumption Reduce Municipal Operation Energy Consumption
Achieve 100% Renewable Electricity Supply in Homes and Busine Increase Renewable Electricity Supply in Municipal Operations	
Water Efficiency	Reduce Citywide Potable Water Consumption
Clean and Efficient Transportation	Reduce Vehicle Miles Traveled Reduce On-road Fuel Use Increase Use of Alternative Fuels
Reduce Off-Road Equipment	Reduce Off Road Fuel Use
Zero Waste	Divert Solid Waste
Carbon Sequestration	Increase Urban Tree Cover

CIP FUNDING

CIP FUNDING SOURCES

- 1. General Funds (Unrestricted) ~\$3M Annually for CIP
- 2. Grants (State and Federal)
- 3. Special Revenue
 - Gas Tax/SB1 (Paving Project)
 - Transnet: 1/2 cent sales tax (Paving Project)
- 4. Restricted Funds
 - Grants
 - Developer Impact Fees
 - Enterprise Funds (Sewer Projects)
 - TOT (Beach Projects)
 - Facilities Fund (Building Maintenance/Enhancement)
 - CDBG (Disadvantaged Areas, or ADA Improvements)





Goals for FY22/23:

- A. Meet with client departments to understand capital project needs (Respectful Partnerships)
- B. Develop prioritization for potential capital projects (Improvement and Efficiency)
- C. Regular updates to web pages for priority capital projects (Community Outreach)
- $\hbox{D.}\quad Complete \ construction \ on \ 4 \ capital \ projects \ that \ support \ Quality \ Transportation$
- E. Complete construction on 6 capital projects that support Community Planning
- F. Submit 4 grant applications

	TIERED CAPITAL IMPROVEMENT PROJECTS					
#	Project Name	Description	July 2022 Status	Fully Funded (FF), Need Design Funding (NDF), Need CON Funding (NCF)	Milestone Targets	FY 22/23 Work/Goal
1	Leucadia Streetscape – Seg B &C Restriping (Basil to La Costa)	Segment B & C Restriping - Streetscape improvements on N. Coast Hwy 101 to create lane diet, and separate bike lane.	In Construction	FF	Complete CON: Winter 22/23	Complete Construction
2	Leucadia Streetscape – Segment C West Side Streetscape (Jupiter to La Costa)	West-side streetscape improvements on N. Coast Hwy 101. Project will construct 2 roundabouts and provide west-side sidewalk improvements and trees.	Completing Design	FF iBank Financing	Begin CON: Spring 2023	Begin Construction





3	Leucadia Blvd Roundabout at Hygeia	Adjust road grades, construct roundabout and adjacent sidewalk improvements.	Design is Complete	NCF	CON: Pending Funding	Pursue Grants
4	Recreation Trails Development Fund - Trail 82	Trail 82 provides an 8' trail along the east side of Rancho Santa Fe Road from Encinitas Boulevard to El Camino Del Norte.	In Design	NCF	Complete DES: Spring 2023 Begin Utility DES: Spring 22/23 CON: Pending Funding	Complete Design
5	Santa Fe Dr Improvements (West)	Design and construction of pedestrian and bike improvements between I-5 and Bonita. A midblock pedestrian signal at SDA.	Design is complete.	FF Partial HSIP Grant Funding	Begin CON: Spring 2023	Begin Construction
6	Santa Fe Dr Improvements (East)	Design and construction of pedestrian & bike improvements between Bonita & El Camino Real.	In Design	NCF Partial ATP Grant Funding	DES: Spring 2023 Begin CON: Fall '23	Complete Design
7	FY 21/22 Annual Street Overlay	Slurry and Overlay throughout the city.	Design is complete	FF	Begin CON: Summer '22	Complete Construction
8	FY 22/23 Annual Street Overlay	Slurry and Overlay selected streets throughout the city.	In Design	FF	DES: Winter 2022/23 Begin CON: Spring 2023	Complete Design Begin Const.
9	El Portal Ped/Bike Underpass Project	Construction of pedestrian and bike underpass of the rail corridor at El Portal that connects Vulcan to N101.	In Construction	FF	End CON: Summer '22	Complete Construction
10	Leucadia Drainage Study	Model of the watershed to determine existing conditions and provide recommendations for flood control and water quality improvements.	Reviewing Study	NDF	Final: Winter '22/23	Complete Study















11	Birmingham Drive - Complete Streets	Rehabilitation of Birmingham Drive from I-5 to San Elijo Ave with utility undergrounding, pedestrian improvements, and complete streets elements.	Design is complete	NCF	DES/Permits: Winter '22/23 CON: Pending Funding	Complete Permitting, Pursue Grants
12	Verdi Pedestrian Undercrossing	Design and construction of pedestrian and bike underpass beneath the rail corridor.	Design is complete	NCF	DES: Winter '21-'22 CON: Pending Funding	Pursue Grants
13	Grandview Beach Stairs and Lifeguard Tower	Rehabilitate stairs accessing Grandview Beach, add lifeguard tower to the stairs.	Initiating Project	NCF	DES: Winter '23/24 CON: Pending Funding	Begin Design
14	Glen Park ADA Improvements	ADA upgrades to parking and access to public facilities	In Design	FF	DES: Spring '23 CON: Summer '23	Complete Design Begin CON
15	Quiet Zone	Design Quiet Zone improvements for D St, E St and Leucadia Boulevard	Initiating Project	NCF	Begin DES: Winter '22/23 CON: Pending Funding	Begin Design
16	Pacific View Site Improvements	Rehabilitate Pacific View Elementary School to meet ADA and Building Code requirements	Begin Construction	FF (Phase 1)	Begin CON: Fall '22	Begin Construction









	SAFETY/REPAIR/EMERGENCY PROJECTS						
#	Name	Description	July 2022 Status	Fully Funded (FF), Need Design Funding (NDF), Need CON Funding (NCF)	Milestone Targets	FY 22/23 Work/Goal	
17	Leucadia At-Grade Crossings	Analysis and Concept Design of two at-grade rail crossings in Leucadia. Project includes coordination with CPUC for approval.	Analysis is underway	NCF	RFP: Summer '22 Concept Design: Spring '23	Complete Concept Design and Public Input	
18	Beacon's Beach Parking Lot Shift	Redesign of parking lot to move the spaces east, out of the existing failure plane.	Design and Permitting	FF	DES/Permitting: Winter '22/23 CON: Spring '23	Begin Construction	
19	San Elijo Bridge Abutment Repair	Fill the void behind the NE corner of the San Elijo Bridge abutment, seal the abutment and fix the pavement.	Pre- Construction	FF	Begin CON: Fall 2022	Complete Construction	
20	Lake Drive Stormdrain Repair	Replace existing 48" CMP storm drain with 48" RCP storm drain and Detention Basin	Design	NCF	DES: Spring '23 Perm & ROW: TBD CON: Pending Funding	Complete Design; Continue Permitting	







-		GRANT & NON-GENERAL FUND CAPITAL PROJECTS					
	#	Project Name	Description	July 2022 Status	Fully Funded (FF), Need Design Funding (NDF), Need CON Funding (NCF)	Milestone Targets	FY 22/23 Work
	21	Moonlight Drainage Pipe Lining	Line 3 arched 72" CMP culverts underneath Moonlight Beach (need funding from State)	Design	FF	DES: Fall '22 CON: Spring '23	Complete Construction
	22	Leucadia Highway 101 Pedestrian Crossing Signal (Diana St.)	HSIP funded pedestrian crossing signal. Project is coordinated with Leucadia Streetscape.	Construction	FF	End CON: Winter'22/23	Complete Construction
	23	Leucadia Highway 101 - Pedestrian Crossing Signal (North Court)	HSIP funded pedestrian crossing signal. Project is coordinated with Leucadia Streetscape.	Construction	FF	End CON: Winter '22/23	Complete Construction
	24	South Coast Highway 101 Walkway to Solana Beach	ADA compliant walkway from the South Cardiff State Beach to the City of Solana Beach border.	Design and Permitting	FF	DES: Summer '22 Begin CON: Spring '23	Complete Design and Begin CON
	25	Olivenhain Trunk Sewer – Phase 1A	Trunk sewer manhole lining for 42 manholes.	In Construction	FF	End CON: Spring '23	Complete Construction
	26	Olivenhain Trunk Sewer – Phase 2	Trunk sewer line work outside City ROW for parcels south of Rancho Santa Fe Road.	Acquire ROW	FF	Pending ROW	Pursue ROW









27	Olivenhain Trunk Sewer – Phase 3	Trunk sewer line work outside City ROW for properties north of Rancho Santa Fe Road.	Acquire ROW	FF	Pending ROW	Pursue ROW
28	B Street Sewer Main and Manhole	Replace undersized sewer main on B Street and add new manhole.	Design is complete	FF	Begin CON: Fall '22	Complete Construction
29	Cottonwood Creek Sewer Facility Improvements	Replace existing above-ground Tee with a manhole, new pipe supports, rehabilitate two sewer mains, and improve access.	Design and Permitting	FF	DES: Fall '23 Begin CON: TBD	Continue Design & Permitting







Projected FY 23/24 CIP Project Funding

Fund Source	Fund #	Source or Fund Use Restrictions	Type of Projects	Projected FY 23/24 Budget
General Funds	101	Unrestricted	All	\$2,256,203
HUTA/SB1	201	Construction of Street and Road Projects	Annual Paving	\$1,871,595
State Grants	203	Funding Specific to each Grant Program	Various Imps.	\$12,005,000
TransNet	211	Transportation Facilities	Paving and Roads	\$1,902,600
Coastal Zone	212	2% TOT for Coastal Zone Projects	Beach Projects	\$290,000
Gvmt/Ed Access	213	Technology Updates and Replacement	Tech Equipment	\$115,881
CDBG	222	Low Income or ADA improvements	Various Imps.	\$98,000
Traffic Mitigation	233	Roadway Mitigation of Development	Roadway Projects	\$200,000
ELLD/Zone H	295/297	Assessment for Lights/Signal Replacement	Lighting/Signal	\$45,000
Facilities	403	Maintenance of City Owned Buildings	Building Mtce	\$825,000
CSD/ESD	512/522	Rate Payer Funded Sewer Improvements	Sewer Projects	\$3,475,229
Pacific Pines	561	Maintenance of Low Income Housing	PP Mtce	\$64,392
			TOTAL	\$23,148,900

FY 23/24 DRAFT New Annual Project Funding

Annual Project	Requested FY23/24 Funding	Division
ADA Curb Ramps	\$50,000	CIP/Traffic
Innovative Bike Lanes	\$25,000	Traffic
Safe Routes to School	\$200,000	Traffic
Traffic Safety and Calming	\$75,000	Traffic
General Mobility	\$300,000	CIP/Traffic
Storm Drain Repair	\$500,000	CIP



FY 23/24 DRAFT New CIP Requests

Engineering Project	Requested FY23/24 Funding	Requested Funding Source
Quiet Zone Analysis and Permitting	\$250,000	General Funds
Leucadia At-Grade Crossing Design/Environmental	\$375,000	General Funds
Santa Fe Drive Construction (HSIP & ATP Grants)	\$803,672	General Funds/CDBG /Traffic Mit.
Annual Paving (Rodney/Turner/Shields)	\$240,000	General Funds
La Costa Ped Path & Vulcan Ped Path Design	\$331,000	General Funds
Annual Paving Project	\$4,164,255	HUTA/SB1/ Transnet



Other Active CIP Projects

Engineering Project	Curre	nt Funding Sou	rces
Highway 101 Bridge over San Elijo Lagoon	HBP	Gen Fund	
La Costa Road Bridge over RR Tracks (Pending Approval)	HBP*	Gen Fund	
Streetlight LED Conversion Project (T)	Fed. Grant	ELLD	
Traffic Signal Modifications (Left Turn Permissive) (T)	Fed. Grant	Traffic Mit/ RTCIP	Gen Fund
Citywide Leading Pedestrian Intervals (T)	State Grant		
Citywide Pedestrian Xing Improvements (T)	State Grant	Gen Fund	
S101 Cycle Track Phase II (T)	State Grant	Gen Fund	
El Camino Real Z Crossing (T)	Fed Grant	Gen Fund	
Rancho Santa Fe Road Improvements (T)	Gen Fund		
S101 Solana Beach Pedestrian Crossing (T)	Gen Fund		



Donut Chart

Provides Project Status and Approximate Funding Need for Highlighted Projects

	Completed	Partially Funded
C	Funded / Not Comp	ete Unfunded



Α	Streetlight Conversion Project	CS17H	GRANT			0	
В	El Camino Real Z-Crossing	CS20G	GRANT			0	
С	Beach Staircase Access Refurbishment (Grandview)	CP23A	No			0	
D	Leucadia Streetscape Segment C West: Jupiter - Moorgate	CS23D	OTHER			0	
E	Santa Fe Drive Corridor Improvements (West/HSIP Funded)	CS19E	GRANT			0	
F	Pacific View Improvements	CF20D	No			0	
G	Olivenhain Trunk Sewer Improvements (Phase 1A)	CC04J	OTHER			0	
н	Traffic Signal Modifications (Left Turn Permissive Signals)	CS02G	GRANT			0	
1	Hwy 101 Separated Bike Lanes (Cycle Track Phase II)	CS22C	GRANT			0	-
J	Rancho Santa Fe Road Improvements (Cross Walks, Signing/Striping, Intersection Imp.)	CS23C	No			0	
K	Storm Drain Repair (Moonlight Beach Stormwater Repairs and Lining)	CD05E/ CD23B	OTHER			0	
L	Storm Drain Repair (Cottonwood Creek Channel Restoration)	CD05E	OTHER	N/A		0	
м	Collection System Rehabilitation	CE04H	OTHER			0	
N	(B Street Sewer Main and Manhole) La Costa Stormwater Basin Rehab	CD22A	No	N/A		0	
0	ADA Parking Lot Upgrades (Glen Park)	CF18A	No		0	0	
P	Citywide Leading Pedestrian Intervals	CS22B	GRANT		0	0	
Q	Beacon's Beach Parking Lot	CP22A	No		0	0	
R	Collection System Rehabilitation	CE04H	OTHER		0	0	-
	(Cottonwood Creek Sewer Manhole)				_		
S	Highway 101 Walkway to Solana Beach	CS22D	GRANT		0	0	
т	Olivenhain Trunk Sewer Improvements (Phase 2) (Need ROW)	CC04J	OTHER		0	0	
U	Olivenhain Trunk Sewer Improvements (Phase 3) (Need ROW)	CC04J	OTHER		0	0	•
٧	Intersection Pedestrian Improvements	TBD	GRANT	N/A	0	0	
w	Santa Fe Drive Corridor Improvements (East/ATP Funded)	CS19E	GRANT				500,000
х	North Coast Highway 101 Drainage Improvements	CD23A	OTHER				20,000,000
Y	Leucadia Blvd Roundabout at Hygeia (Roundabout Only)	CS18B	OTHER				2,800,000
Z	Leucadia Blvd Roundabout at Hygeia (Pedestrian Improvements Only)	CS18B	No				600,000
AA	Birmingham Drive Complete Streets	CS17B	No				12,000,000
BB	Verdi Pedestrian Crossing	CS16E	No				18,000,000
cc	Jason Street Drainage Improvements	TBD	No				650,000
DD	Leucadia Streetscape Segment A South & Drainage (A Street to Marcheta)	TBD	No				10,000,000
EE	Leucadia Streetscape Segment B & Drainage (Basil to Jupiter)	TBD	No				25,000,000
FF	Citywide Rail Corridor Quiet Zone	CS23B	No		0		11,000,000
GG	Recreational Trails Development (Trail 82 - Rancho Santa Fe Road)	CP00F	OTHER		0		5,000,000
нн	Lake Drive Storm Drain Replacement	TBD	No		0		7,000,000
п	La Costa Avenue Improvements	CS11C	OTHER	0			TBD
Ш	Rail Safety Study At-Grade Crossings (Leucadia)	WC22A/TBD	No	0			4,500,000
кк	S Coast Highway 101 Pedestrian Crossing & Mobility Enhancements at Solana Beach	TBD	No	0			TBD
ш	Leucadia Watershed Master Plan (and Implementation)	WD19E	No				> 30,000,000
мм	Rail Corridor Cross Connect Grant (and Implementation)	WC19D	OTHER				> 120,000,000
NN	Beach Staircase Access Refurbishment (Swami's)	CP23A	No				500,000
00	Leucadia Blvd. / I-5 Bridge Rail Repair	TBD	No				250,000
					_		

Highlighted CIP Projects Seeking Funding

Engineering Project	Funding Source
Leucadia Streetscape Segment A South (A St to Marcheta)	TBD
Leucadia Streetscape Segment B (Basil to Jupiter)	TBD
Birmingham Drive Complete Streets	TBD
Verdi Rail Undercrossing	TBD
Jason Street Drainage	TBD
Trail 82 (Rancho Santa Fe Road)	TBD
Leucadia Drainage	TBD
Leucadia Boulevard/Hygeia Roundabout	TBD
Vulcan Ped Path	TBD
La Costa Ped Path	TBD



CURRENT PRIORITIZATION CRITERIA

- A. Required by Legal Mandate
- B. Affects Public Health or Safety
- C. City Council or Strategic Plan Direction
- D. Maintains or Creates Necessary Infrastructure
- E. Dedicated Fees or Outside Funding
- F. Improves Efficiency, is Cost Effective or Revenue Enhancing
- G. Has Public Support or Recognition
- H. Replaces or Upgrades Facilities to Approved Standards
- I. Is Related to the Completion of Other Projects
- J. Improves Quality of Life





GRANTS

GRANT OPPORTUNITIES

State Grants on grants.ca.gov

- Department of Transportation grants
- Coastal Conservancy grants

Federal Grants on grants.gov

- Highway Safety Improvement Program (HSIP)
- Active Transportation Program (ATP)
- RAISE Grants
- Safe Streets & Roads for All (SS4A)
- Federal Railroad Administration (FRA) Grants
- Community Development Block Grant (CDBG)





TYPICAL GRANT CRITERIA

- Construction
- Shovel Ready
- Matching Funds (20%+) City GF
- Disadvantaged/Underserved Communities
- Disaster Areas





AWARDED GRANTS

FY23 Congressional Directed Spending (Levin) Leucadia Streetscape Segment C Drainage	\$4,000,000
2022-23 CA State Parks Local Assistance Grants Moonlight Beach Barrels and Storm Water Repairs	\$1,500,000
Dept. of Transportation Highway Bridge Program (HBP) San Elijo Bridge Rehabilitation	\$9,198,000







GRANT APPLICATIONS SUBMITTED

Grant and Project Name	Grant Amount
FY24 Congressional Directed Spending (Padilla) Citywide Railway Quiet Zone	\$5,000,000
FY24 Congressional Directed Spending (Feinstein) Citywide Railway Quiet Zone	\$5,000,000
FY24 Congressional Directed Spending (Levin) Leucadia / Hygeia Roundabout	\$4,800,000
Federal Railroad Administration (FRA) Grant Verdi-Montgomery Pedestrian Rail Crossing (Summer 2023)	\$12,000,000
Dept. Transportation FY23 Rebuilding American Infrastructure w/ Sustainability & Equity (RAISE) Grant Leucadia Streetscape Segment A South (TBD)	\$10,000,000
HUD Community Development Block Grant (CDBG) Santa Fe Drive Street Improvements (TBD)	\$103,000



FUTURE GRANT APPLICATIONS

Grant and Project Name	Grant Amount
FEMA Hazard Mitigation Grant Program (HMGP) Leucadia Drainage, Vulcan Storm Drain, Lake Dr. Storm Drain	Ongoing
Coastal Resource & Public Access Program Trail 82	Ongoing
USDOT Reconnecting Communities Verdi Pedestrian Rail Undercrossing	Due Spring 2023
CalTrans Clean California Trail 82	Due April 28,2023
Dept. of Transportation Safe Streets for All (SS4A) Round 2 Leucadia / Hygeia Roundabout	NOFO April 2023
USDOT Transit Oriented Development Planning Verdi Pedestrian Rail Undercrossing	NOFO May 2023



FUTURE GRANT APPLICATIONS

Grant and Project Name	Grant Amount
Neighborhood Reinvestment Program Leucadia Streetscape, Birmingham Dr. Streetscape, Leucadia/Hygeia Roundabout	Ongoing
Recreational Trails Program Trail 82	2023 TBD
Infrastructure for Rebuilding America Leucadia Streetscape, Birmingham Dr. Streetscape, Leucadia/Hygeia Roundabout	2023 TBD
Transformative Climate Communities Round 5 Leucadia Streetscape, Birmingham Dr. Streetscape, Leucadia/Hygeia Roundabout	2023 TBD
CalTrans Federal Grant – ATP Cycle 7 Leucadia Streetscape, Birmingham Dr. Streetscape, Leucadia/Hygeia Roundabout	2024 TBD
Energy Efficiency & Conservation Block Grant Program Various	Due Jan. 2024

CAPITAL PROJECT DEVELOPMENT PROCESS

CIP PROJECT TYPES

- 1. HIGHWAY AND STREET IMPROVEMENTS
- 2. DRAINAGE IMPROVEMENTS
- 3. MOBILITY IMPROVEMENTS
- 4. PARKS AND TRAILS
- 5. BRIDGES AND RAIL CROSSINGS
- 6. SEWER AND WATER IMPROVEMENTS
- 7. ADA IMPROVEMENTS















PROJECT DEVELOPMENT

- 1. SCOPE
- 2. BUDGET
- 3. AUTHORIZE DESIGN
- 4. PRELIMINARY DESIGN
- 5. COMMUNITY INPUT
- 6. DESIGN SUBMITTALS
- 7. ENVIRONMENTAL PERMITTING
- 8. RIGHT-OF-WAY ACQUISITION
- 9. ADVERTISE
- 10. AWARD
- 11. CONSTRUCTION
- 12. CLOSEOUT





SCOPE

IDENTIFY NEW PROJECTS

- 1. STAFF
- 2. RESIDENTS
- 3. CITY COUNCIL
- 4. MASTER PLANS
- ANNUAL REQUIREMENTS
- 6. GRANT OPPORTUNITIES

DISCUSS WITH PLANNING AND ENVIRONMENTAL

- 1. DESCRIPTION
- 2. POTENTIAL IMPACTS
- 3. PROJECT NEED/JUSTIFICATION
- 4. COSTS AND FUNDING
- 5. DELIVERY SCHEDULE





BUDGET

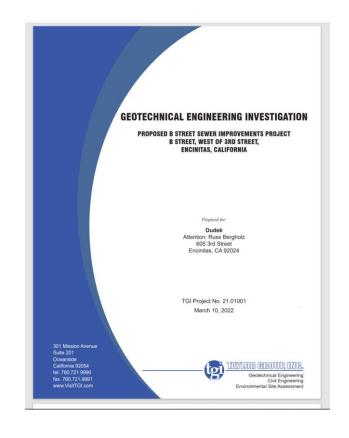
- 1. DESIGN
- 2. RIGHT-OF-WAY ACQUISITION
- 3. ENVIRONMENTAL PERMITTING
- 4. MITIGATION AND MONITORING
- 5. SURVEYING
- 6. CONSTRUCTION MANAGEMENT CONSULTANT
- 7. CONSTRUCTION

	B Street Side	wa	alks CS18	G				
	Design	Pha	ase					
Cost Category	Name		Amount		Invoiced	Г	Balance	
Design Consultant	Latitude 33 - Initial Design	\$	28,000.00	\$	25,765.00	\$	2,235.00	
Design Consultant	NV5 - Landscape and Walls	\$	96,909.00	\$	56,096.56	\$	40,812.44	
PM Consultant						\$	-	
Survey						\$		
Eng Studies						\$	-	
Advertisement		\$	1,008.00	\$	1,008.00	\$	-	
CEQA/NEPA						\$	-	
Envi/ SW Permits						\$	-	
Mitigation						\$		
	DESIGN TOTAL	\$	125,917.00			\$	43,047.44	
		_				Ť		
	Acquisitio	on F	hase					
Cost Category	Name		Amount		Invoiced		Balance	
Title Reports						\$	-	
Plats and Legals						\$	-	
Easements						\$	-	
	ACQUISITION TOTAL	\$		$\overline{}$		\$		
	Constructi	ion	Phase					
Cost Category	Name		Amount		Invoiced	Г	Balance	
Construction PM	Hoch	\$	24,100.00			\$	24,100.00	
CM&I Consultant	MBI	\$	81,572.00	\$	10,492.00	\$	71,080.00	
Contractor		\$	486,945.00			\$	486,945.00	
Contingency		\$	73,042.00			\$	73,042.00	
,	CONSTRUCTION TOTAL	\$	665,659.00			\$	655,167.00	
	Post Constructi	on	Monitoring					
Cost Category	Name		Amount		Invoiced		Balance	
Inspection						\$	-	
Annual Reporting						\$	-	
,	POST CONSTRUCTION TOTAL	\$				\$	-	
		Ť				ŕ		
	Project Funding	\$	853,099.00					
	PROJECT TOTAL		791,576.00			Ś	698,214,44	Unexpended Encumbran
	Unemcumbered Balance	Ś	61,523.00			Ť	,	



PRELIMINARY DESIGN

- 1. SURVEY PROJECT AREA
- 2. AS-BUILT PLANS
- 3. EXISTING UTILITY PLANS
- 4. CONCEPTUAL DESIGN PLAN
- ENVIRONMENTAL REVIEW
- PROJECT STUDIES
 - DRAINAGE
 - GEOTECHNICAL
 - STORM WATER MANAGEMENT PLAN





COMMUNITY PARTICIPATION PLAN (CPP)

- 1 INVITE STAKEHOLDERS AND NEIGHBORS
- SHARE DRAFT PLANS
- 3. ANSWER QUESTIONS
- COMPILE COMMENTS INTO A REPORT
- INCORPORATE FEEDBACK INTO DESIGN





Government » Public Notices »

ENGINEERING PUBLIC NOTICES

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CIP Project Citizen Participation Program (CPP) Meeting Notices:

CPP notices are posted to make the public aware of upcoming neighborhood meetings. The purpose of the CPP is to be a preliminary tool for opening a dialogue and to ensure that project applicants and citizens have an opportunity in the planning process to discuss, understand, and try to resolve issues related to potential neighborhood impacts of a proposed project. It is not meant to necessarily change or prevent a project as proposed. Questions about the notice and proposed project should be directed to the contact person listed on the notice. For questions related to the CPP meeting, contact the CIP Division citizen participation program coordinator, Brandi Lewis at (760) 633-2774 or blewis@encinitasca.gov

Previously Held CPP Meetings:

North Coast Highway 101 Drainage Improvement Project (Held Tuesday, January 19, 2021) North Coast Highway 101 between Basil St. and Leucadia Blvd. Case Nos. cdpnf-4271-2020/cpp-004272-2020

Project info Notice Spanish Notice Radius Map

Recorded CPP Meeting Approved Final CPP Report Marine Biology Technical Study Paleontological Technical Study Water Quality Memorandum PowerPoint Presentation

Santa Fe Drive Improvements (held Thursday, March 25, 2021)

Santa Fe Drive between Interstate 5 and El Camino Real Case Nos. multi-4417-2021; dr-4418-2021; cdpnf-4419-2021; and cpp-4420-2021

Project Info Notice Spanish notice Plans Recorded CPP Meeting

Birmingham Streetscape (Held Monday, April 19, 2021)

Birmingham Drive, between San Elijo Road and Carol View Drive Case Nos. multi-2718-2017, cdp-2719-2018; dr-4386-2021 (17-238 dr/cpp)

Project Info Project Exhibits Recorded CPP Meeting Approved Final CPP Report

Verdi Pedestrian Undercrossing (Held Wednesday, June 2, 2021)

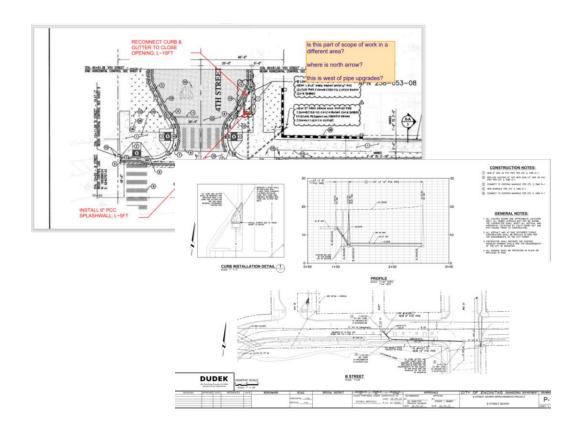
San Eliio Ave, between Liszt Ave and Verdi Ave, Pedestrian Rail Crossing Case Nos. multi-3985-2020; dr-3986-2020; cdpnf-3987-2020; cpp-3988-2020 (18-094 dr/cdp)

Project Info Recorded CPP Meeting Approved Final CPP Report

Wednesday, October 20, 2021 (comment period ended November 3, 2021) Santa Fe Drive Improvements

DESIGN SUBMITTALS

- 50% DESIGN SUBMITTAL
 - COMMUNITY INPUT
 - CEQA AND PERMITTING
- 2. 90% DESIGN SUBMITTAL
- FINAL DESIGN SUBMITTAL
 - COUNCIL APPROVAL
 - ADVERTISE FOR CONSTRUCTION





RIGHT-OF-WAY ACQUISITION

- SITE ANALYSIS
- 2. RIGHT-OF-ENTRY VS. EASEMENT
- 3. SITE SURVEY PLAT AND LEGAL
- 4. APPRAISAL
- 5. CLOSED SESSION AND ACQUISITION





ADVERTISE AND AWARD

- 1. PLANS, SPECIFICATIONS, ESTIMATE (PS&E) ON PLANETBIDS
- 3 WEEKS TO 6 WEEKS ADVERTISEMENT
- 3. REVIEW BIDS
- 4. CITY COUNCIL AWARDS CONSTRUCTION CONTRACT



NEW VENDOR REGISTRATION

Create a new vendor record. If you wish to view or edit an existing vendor, simply Log In.



BID OPPORTUNITIES

Search and bid electronically on opportunities with this agency, download documents, and become a prospective bidder.





CONSTRUCTION

- 1. PUBLIC INFORMATION AND OUTREACH
- 2. DAILY INSPECTION
- 3. MATERIAL TESTING
- 4. MONTHLY PROGRESS PAYMENTS
- 5. CHANGE ORDERS & CLAIMS
- 6. MANAGE BUDGET AND SCHEDULE





PROJECT CLOSEOUT

- CONSTRUCTION AS-BUILTS
- 2. FINAL INVOICES
- 3. NOTICE OF COMPLETION APPROVED BY CITY COUNCIL
- 4. RECORDER
- 5. CITY CLERK
- PROJECT WARRANTY PERIOD
- 7. WARRANTY INSPECTION
- 8. BOND RELEASE





EMERGENCY PROJECTS

EMERGENCY PROJECT EXAMPLES





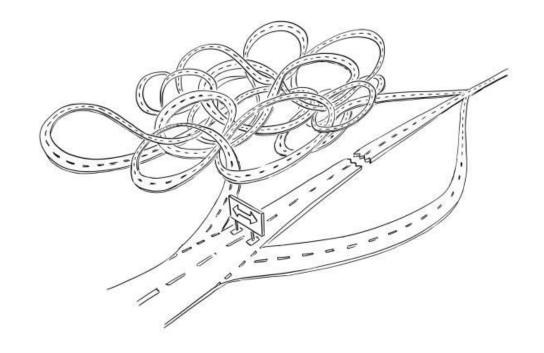






EMERGENCY PROJECTS

- 1. EMERGENCY DECLARATION
- 2. AS-NEEDED DESIGN
- 3. CONSTRUCTION
- 4. PROJECT CLOSE OUT





EMERGENCY DECLARATION

- 1. Describes situation
- 2. Approved & signed by the City Manager
- 3. Presented & approved at City Council

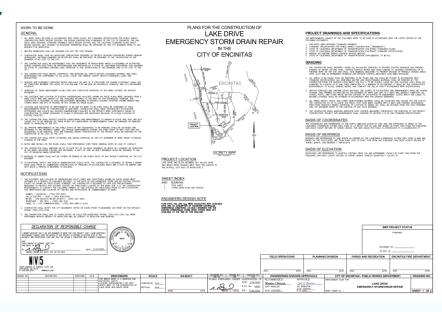
Authorizes staff to take immediate action to ensure public health, safety, welfare and continuity of operations.





DESIGN, ADVERTISEMENT & AWARD

- 1. Prepare design exhibit(s)
- 2. Prepare specifications & contract package
- 3. Pull emergency permits, if required
- 4. Submit to three or more contractors for cost proposals
- 5. Select contractor & execute contract





CONSTRUCTION

- 1. Inspection and material testing
- 2. Monthly progress payments
- 3. Change orders
- 4. Public information and outreach
- 5. Manage budget and schedule







EMERGENCY PROJECT FUNDING

1. Federal/State Declared Emergency?

- Funded upfront with local funding
- Anticipate 80% Reimbursement in 12 -18 months

2. Local Emergency

- \$2M Unassigned General Funds
- Contingency Reserve (20% of Operating Budget)
- Budget Stabilization Reserve (2% of Revenue)
- Funding must be replenished in the next budget year





NEXT MEETING: MAY 22, 2023

ENGINEERING INFRASTRUCTURE NEEDS & POTENTIAL FUTURE PROJECTS

- Cross Connect
- MAP (include ATP and Bike Plan)
- Leucadia Drainage
- Quiet Zone
- At-Grade Xings
- La Costa/San Elijo Bridge Replacements
- Leucadia Drainage
- CMP replacements
- Additional Paving Money to improve the PCI
- ADA Transition Plan
- Birmingham/Verdi/Hygeia/Leucadia Streetscape/Lake Drive
- Rail Corridor Trenching (El Portal Undercrossing to La Costa)
- LRSP
- Coastal Rail Trail
- Rancho Santa Fe Roundabouts





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Senior Engineer
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Leia Cabrera, P.E.
Senior Engineer
Icabrera@encinitasca.gov

Ben Stryker, E.I.T. Engineer bstryker@encinitasca.gov

PREVIOUS STRATEGIC PLAN

(2019 THROUGH MARCH 2023)

STRATEGIC PLAN

2019-2021 Encin

OUR MISSION

Preserve, protect, and provide innovative services that enhance the quality of life for residents, visitors, businesses, and our communities.

OUR OPERATING PRINCIPLES

RESPECTFUL PARTNERSHIPS - Encourage honest dialogue, diversity in thinking, and problem solving.

IMPROVEMENT & EFFICIENCY - Streamline everything we do using best practices.

FINANCIALLY SOUND DECISION-MAKING - Achieve long-term sustainability.

DATA GATHERING & SHARING - Enhance informed decision making.

MEASUREMENT & ACCOUNTABILITY - Ensure excellent service and the best investment of taxpayer money.

COMMUNITY OUTREACH - Seek feedback from the community.

COMMUNITY CHARACTER - Protect community character and agricultural programs.

PREVIOUS STRATEGIC PLAN

(2019 THROUGH MARCH 2023)

OUR VISION

Encinitas is five unique communities thriving as ONE great city through pursuing our vision of:

OUALITY TRANSPORTATION

Provide effective, safe, and easy transportation for all modes of movement and for all demographics.

RECREATION

Promote active lifestyles and community health by furthering access to trails, parks, beaches, and other recreational opportunities.

ECONOMIC DEVELOPMENT

Create economic opportunities through innovation, financial stability, and fiscal responsibility.

ENVIRONMENT

Be good stewards of open spaces, beaches, parks, and the natural environment.

ARTS & CULTURE

Embrace great places to showcase the City's arts and culture, history, community charm and character.

PUBLIC SAFETY

Create a safe and secure environment for residents, visitors, and businesses throughout the City.

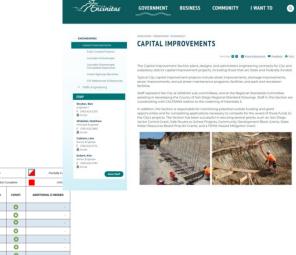
COMMUNITY PLANNING

Maintain safe and livable communities through well-maintained infrastructure and facilities, strong public safety, and significant environmental standards while achieving diverse and affordable housing for present and future generations.

NEXT MEETING: MAY 22, 2023

- CIP WORK PLAN
- DONUT CHART
- PROPOSED CIP 2022-2027
- CIP DASHBOARD
- POTENTIAL PROJECTS







ENGINEERING CIP PROJECT DEVELOPMENT TOOLS

- STRATEGIC PLANS
- 6-YEAR CIP PLAN
- CIP PROJECTS BY STATUS (AKA The Donut Chart)
- GRANT FUNDING PURSUITS & OPPORTUNITIES
- ANNUAL WORK PLANS
- INTERACTIVE CIP PROJECT DASHBOARD
 & PROJECT FACT SHEETS

