

## Engineering Department

505 S. Vulcan Ave, Encinitas, CA 92024

760-633-2706

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# TRAFFIC DIVISION

## FY 24/25 WORK PLAN

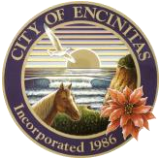
The Traffic Engineering Section is responsible for creating and implementing policy involving pedestrian, bicycle, and vehicular traffic movement. The section monitors and manages the traffic network, identifies traffic and traffic safety issues, seeks funding for traffic projects and executes traffic projects. The Traffic Engineering section responds to approximately 200 citizen comments and inquiries per year regarding traffic-related issues, as well as plans, designs, and implements traffic control devices. All traffic control permits, and development projects are reviewed by the Traffic Engineering team.

The Traffic Engineering Team consists of the City Traffic Engineer, 3 Engineers, a Program Coordinator, and a part time Intern.

The City Traffic Engineer is an ex-officio member of the Mobility and Traffic Safety Commission (formerly the Traffic and Public Safety Commission). The Mobility and Traffic Safety Commission consists of seven City Council appointed members that study and report to the City Council upon matters referred to it by Council. The Mobility and Traffic Safety Commission has advisory responsibility for mobility and traffic safety issues. This Commission is the liaison between the public and the City Council, they conduct analyses and provide recommendations to the City Council related to the circulation of motorized vehicles, pedestrians, and bicycles, and on matters related to traffic safety.

### Goals for FY 24/25:

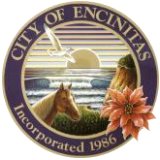
- A. Complete 5 traffic studies or plans
- B. Complete 5 traffic improvement projects
- C. Prepare 5 new policies
- D. Complete Private Development Submittal Reviews within 30 days
- E. Complete Traffic Control Permit reviews within 2 weeks



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**PLANS, STUDIES & DESIGNS**

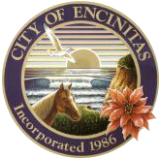
#	Name	Description	July 2024 Status	Milestone Target Date	FY 24/25 WORK/GOAL
1	Citywide improvements in the vicinity of development projects	To evaluate safety and mobility enhancement options in the vicinity of development projects Complete study, present to MTSC and City Council	Final Design	Oct 2024	Develop Ranked List of Projects, Receive City Council Approval
2	Citywide Signal Communication, Coordination and Optimization	To prepare new optimized signal timing plans for various high-volume corridors and present to MTSC and City Council	Pre-Con	Mar 2025	Award Contract for Design of Signal Timing Optimization, Implement
3	Parking Permit Municipal Code Study	To study city Muni codes for Parking Permit Zone requirements and language	Study	Nov 2025	Complete Permit Parking Study & Present Updated Permit Parking Program to MTSC
4	Residential ADA Parking Policy	A policy to define the process of dedication of on-street parking spaces for ADA parking	Study	April 2025	Present Policy to MTSC and City Council
5	South Highway 101 Cycle Track	Redesign Highway 101 with a Road Diet option	Conceptual Design	TBD	Presentation of Preliminary Road Diet Concepts to MTSC and City Council if Grant is Successful
6	Outdoor Dining	Development of exhibits/plans for the conversion of orange barriers to concrete barriers	Design	Oct 2024	Receive City Council Approval and Design Immunity



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## TRAFFIC DIVISION PROJECTS

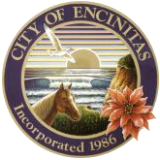
#	Name	Description	July 2024 Status	Target Date	FY 24/25 WORK/GOAL
1	Citywide Leading Pedestrian Intervals (CS22B) (Design)	<p>The design to upgrade old 170 signal controllers to 2070 controllers at 48 traffic signals</p> <p>New signal timing plans will be prepared for Leading Pedestrian (LPI) and traffic signal systems will be upgraded for LPI operations</p> <p>Design will be prepared for all crosswalks to be painted with high visibility continental crosswalks</p>	Pre-Con	April 2025	Award a Construction Contract for LPI and Complete Implementation
2	Bike Emergency and QGD and Saxony improvements	To implement safety and mobility enhancements on the corridors	In Construction	Feb 2025	Complete Construction of Quail Gardens Drive/Saxony Rd. Improvements
3	Encinitas Blvd restriping (E of I-5)	To design a restriping plan for the corridor and present to MTSC and City Council	Design	TBD	Presentation of Concepts to MTSC & City Council. Construct if Grant Application is Successful.
4	El Portal at La Mesa intersection improvements	To implement safety and mobility enhancements at the intersection	AWSC Study Complete. AWSC not warranted.	Dec 2024	Presentation of Findings and Design to MTSC and City Council. Conduct Community Meeting. Potential Implementation.
5	Signal Communication improvements	To Connect all the traffic signals of the city to the TMC	Design Complete Pre-Construction (Unfunded)	TBD	Prepare Project for Inclusion with LPI Bid Advertisement. Seek Funding.



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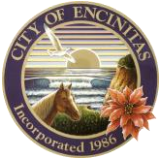
#	Name	Description	July 2024 Status	Target Date	FY 24/25 WORK/GOAL
6	San Elijo Chesterfield Improvements	To implement enhancements for SBRT and NBLT and minimize delay	In Design	Mar 2025	Complete Signal Timing Improvements
7	HSIP Cycle 11	To improve 5 different intersections on Rancho Santa Fe and Park Dale Lane	In Design	Mar 2025	Award Contract and Complete Construction of Improvements
8	Left Turn Permissive and Signal Improvements (CS02G)	Design completed for the project that includes replacing existing permissive left-turn phasing and signal heads with protected left-turn phases and signal heads on existing and/or new traffic signal poles and mast arms intersections. <ul style="list-style-type: none"> <li>•Intersection 1: Encinitas Blvd and Vulcan Ave</li> <li>•Intersection 2: Leucadia Blvd and Quail Gardens Dr</li> <li>•Intersection 3: Santa Fe Dr and Scripps Driveway</li> <li>•Intersection 4: Leucadia Blvd and North Vulcan Ave</li> </ul>	In Construction	Oct 2024	Complete Construction of Permissive Left Turn Signals Project
9	Streetlight Conversion Project (CS17H)	To replace existing streetlighting with LEDs on 2nd St, Birmingham Dr, Highway 101, El Camino Real, Encinitas Blvd, Garden View Rd, Leucadia Blvd, Mountain Vista Rd, Olivenhain Rd, Quail Gardens Dr, Santa Fe Dr, Via Cantebria, Village Pkwy, Vulcan Ave and San Elijo Ave	In Construction	Aug 2024	Complete Construction of Streetlight Conversion Project



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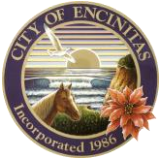
#	Name	Description	July 2024 Status	Target Date	FY 24/25 WORK/GOAL
10	Protected Intersection at ECR and Santa Fe Dr	To design a protected intersection	In Design HSIP Application Submitted	June 2025	Present Completed Design to MTSC & City Council
11	La Costa Ave Restriping	La Costa Ave striping modification completion	Pre-Design	N/A	Present Completed Design to MTSC & City Council
12	ECR Cycle Track	To design and implement protected cycle track on ECR	In Design HSIP Application submitted	June 2025	Present Preliminary Design to MTSC
13	Encinitas Blvd restriping (E of I-5)	To design and implement a restriping plan for the corridor and present to MTSC and City Council	In Design HSIP Application submitted	June 2025	Present Completed Design to MTSC & City Council if Grant is Successful
14	FY 24/25 Safe Routes to School	Design and implement improvements in the vicinity of schools	Pre-Design	Mar 2025	Present Design to MTSC & City Council
16	Regal Road Crosswalk at Melba Road	Design and implement high visibility continental crosswalk	Design Complete. Needs Construction Funding	Mar 2025	Present Completed Design to MTSC & City Council
17	N Coast Hwy 101 Road Diet Extension	Design & implement road diet between Phoebe St and Diana St	In Design Coastal Commission on Oct 2	March 2025	Present Design to Coastal Commission, MTSC & City Council



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### ON-GOING TRAFFIC DIVISION TASKS

#	Project Name	Description	Workload
1	Neighborhood Tasks List	Evaluate various requests and concerns received by the residents of the City via Phone Call, Email, or through the City My Encinitas App	Between 100 - 200 requests per year
2	First Tier Speed Cushion/Speed Table Program	Evaluation of different corridors for Speed cushion/Speed Table installations	Between 10 - 15 requests per year
3	Rectangular Rapid Flashing Beacons (RRFB)	RRFBs are requested at various locations in the city. Staff evaluates and installs based on priorities and budget availability	About 10-20 per year
4	Blinking STOP signs	Signs requested at various intersections in city. Locations with limited visibility and limited or no street lighting may be converted to blinking.	About 5-10 per year
5	Speed Radar Feedback Signs	Additional speed radar feedback signs are requested for different locations in the city. Evaluations are made and speed radar feedback signs are installed based on their priority	About 10-20 per year
6	Safe Routes to Schools	Evaluate various requests and concerns received from the school districts and implement as needed improvements after evaluations	About 50 - 100 per year
7	Annual Public Works striping Refreshment	Use the annual striping refreshing project of Public Works Department to modify and improve existing striping on city's roadway network	Varies
8	Annual CIP pavement program	Use the annual CIP pavement program to modify and improve existing striping on city's roadway network	Varies
9	Preferential Parking District Program	Traffic staff manages the two preferential parking districts (permit parking) in the city. Receive and process applications, issue permits upon request	About 175 - 200 resident inquiries per year
10	Transportation Permit Program	Traffic staff evaluate the route heavy trucks will take on their routes in the City and issue transportation permits authorizing the use of the roadway network	About 75 - 100 Transportation Permits per year



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### SUPPORT PROVIDED TO OTHER DIVISIONS & DEPARTMENTS

#	Project Name	Description	Workload
1	Traffic Control Plan Reviews	To review Traffic Control Plans submitted to the Development Services Counter for various projects	About 500 per year
2	Traffic Impact Analyses Reviews	To review Traffic Impact Analyses submitted to the Development Services Department for various development projects	About 50 per year
3	Various Permit Reviews	Reviews and evaluations for various permits citywide such as special events, outdoor dining, public improvement plans, etc.	About 50 per year
4	Mobility Element Update	To provide help and support to the Mobility Element project management team	Varies
5	Vision Zero Action Plan	To provide help and support to the Vision Zero program and Mobility Manager	Varies