



City of Encinitas Engineering Department

DATE: February 25, 2014

TO: City Council
Gus Vina, City Manager

FROM: Glenn Pruim, Director of Engineering and Public Works
Ed Deane, Senior Civil Engineer, Capital Improvement Division

SUBJECT: Capital improvement projects planned for Santa Fe Drive

As a part of its ongoing Capital Improvement program, the City of Encinitas proposes to construct several projects to Santa Fe Drive, including street improvements, pedestrian improvements, and utility undergrounding. Please refer to Exhibit A for an overview of the proposed Santa Fe Drive projects.

Project: Improvements at the Encinitas Community Park Access Dr.

Improvements planned for the Santa Fe Drive access to Encinitas Community Park include a new driveway apron and pedestrian ramps at the north end of the access drive at Santa Fe. Also included is the modification of the Santa Fe Drive median to allow for a longer westbound left turn lane from Santa Fe Dr. into the park. Please refer to Exhibit B.

These improvements are funded as a part of Project CS13C (Encinitas Community Park), with \$750,000.00 of Traffic Mitigation Fee funding in the project.

The construction of these improvements will be underway within the next three months.

Project: Improvements at Santa Fe Dr. and Bonita Dr./Windsor Rd.

Improvements at the Bonita Dr./Windsor Rd. intersection will include a new right turn lane, traffic signal upgrades, installation of ADA-compliant pedestrian ramps at the northwest and southwest quadrants of the intersection, construction of sidewalk, curb, and gutter along the south side of Santa Fe Dr., and reconstruction and reconfiguration of two existing parking areas off of Santa Fe Dr. and off of Windsor Rd. Please refer to Exhibit C.

These improvements are funded as a part of Project CS13C (Encinitas Community Park), with \$750,000.00 of Traffic Mitigation Fee funding in the project.

Signal modifications, the first order of work at the intersection, commenced this week. Improvements will be constructed over the next three months.

Project: EC Park Traffic Mitigation Construction Contributions

The Encinitas Community Park is required by provisions of its EIR to make contributions to a

variety of planned construction projects in order to mitigate its fair share of traffic impacts to Santa Fe Drive. These provisions are listed below.

- A. Devonshire/Rubenstein/Santa Fe Roundabout: Constructed in 2005. (*Encinitas Community Park EIR Mitigation Measure Traffic-1*)
- B. I-5 Southbound Ramps/Santa Fe- Install Signal or Roundabout (*Measure Traffic-1*)
 - Caltrans is lead agency, Scripps to install
 - City Contribution: 6.7% Fair Share of total \$250,000.00 estimated cost
 - Total City Contribution: \$16,750.00
- C. I-5 Northbound Ramps/Birmingham Dr. Install Signal or Roundabout (*Measure Traffic-1*)
 - Caltrans lead agency; part of I-5 NCC Project
 - City Contribution: 2.9% Fair Share of total \$2.5M estimated cost
 - Total City Contribution: \$72,500.00
- D. I-5 Southbound Ramps/Birmingham Dr. Install Signal or Roundabout (*Measure Traffic-1*)
 - Caltrans is lead agency; part of I-5 NCC Project
 - City Contribution: 6.4% Fair Share of total \$2.5M estimated cost
 - Total City Contribution: \$160,000.00
- E. Park access/Santa Fe Dr. intersection (*Measure Traffic-3*)
 - City is lead agency
 - In ECP construction contract, see above
- F. Santa Fe Dr. at Windsor Rd/Bonita Dr Install Eastbound Right Turn Lane (*Measure Traffic-4*)
 - City is lead agency
 - In ECP construction contract, see project description above
- G. Scripps Hospital Driveway/Santa Fe Dr. Signal Modification (*Measure Traffic-5*)
 - Scripps Hospital is lead agency
 - City Contribution: 6.4% Fair Share of total \$100,000.00 estimated cost
 - Total City Contribution: \$6,400.00

Project: Improvements at Santa Fe Dr. and Nardo Rd./Mackinnon Ave.

This project proposes to construct new curb, gutter, sidewalk, irrigated landscape planters, traffic signal modifications, and pavement overlay on the north side of Santa Fe Dr. from Gardena Rd. to east of Nardo Rd. For enhanced pedestrian safety, the right turn lane from westbound Santa Fe Dr. onto Nardo Rd. will be removed and replaced with a landscape planter, creating a parking bay adjacent to the San Dieguito Academy school. Please refer to Exhibit D.

The City was awarded a \$632,600 Federal HSIP grant to fund the construction of these improvements, with the remaining \$782,705.00 of project funding being Transnet monies.

Construction will begin in Summer, 2014, after the school begins summer break.

Project: Undergrounding District 17

In conjunction with the project above, the City will be undergrounding overhead utilities on Santa Fe Drive. Resolution 2011-27 approving the formation of Undergrounding Utility

District No. 17, Santa Fe Dr. from Gardena Rd. to Evergreen Dr., was adopted on May 18, 2011. Undergrounding work will include the relocation of all overhead utilities and will allow for construction of the sidewalk associated with the improvements at Nardo Rd./Mackinnon Ave. to be ADA-compliant. Please refer to Exhibit E.

The project is funded by allocations to the City for Rule 20A Undergrounding Conversions. Rule 20A funds are allocated each year as a percentage of local revenue, and the City decides which areas will be converted, within the guidelines of Rule 20A. The 2013 allocation to the City was \$383,080.00. The Undergrounding District 17 project is estimated by SDGE to cost \$2,285,539.

Construction will begin in Summer, 2014, after the San Dieguito Academy school begins summer break.