Rancho Santa Fe Roundabouts

Community Meeting





County of San Diego — Department of Public Works

Rancho Santa Fe Roundabouts Project

Tonight's Meeting Overview

- 1. Welcome! County Team Introductions (6:05pm -5 mins)
- **2. Project Overview Powerpoint Presentation** (6:10pm -15-20 min)
 - A. Project Background, Objectives & Status
 - B. Intersection Overview: Approach to design
 - C. Schedule & Next Steps
 - D. Community Review & Input
 - i. Project Website, Exhibits
 - Community Comment Submittal
- 3. Questions & Answers, Technical Exhibits Review (6:30-7:30pm- until event concludes)



Three Takeaway Points!

1. Project Milestone!

\$3M TransNet Construction Funding available mid-2027

Construction of eastern roundabout: Paseo Delicias/Del Dios Rd @ El Camino del Norte

2. Review Exhibits & Ask Questions of our Technical Staff!

Design Engineers, Traffic Engineers, Landscape Architecture, Environmental, Funding...

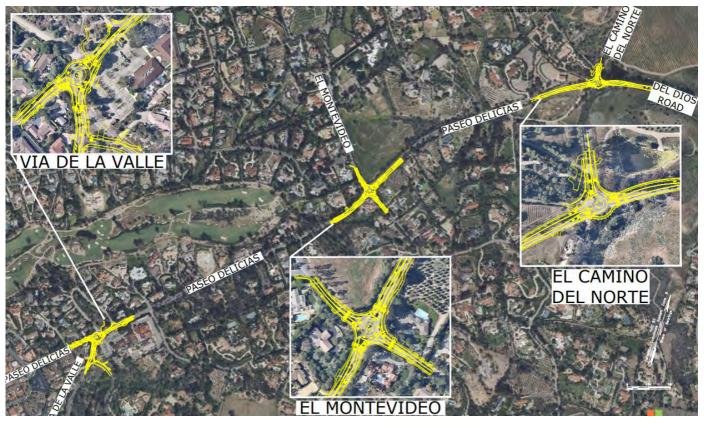
3. Community Input!

Staff is seeking input on project design- please share your thoughts on layouts, aesthetics, landscaping/lighting, bicycle/pedestrian/equestrian facilities, etc.

Comment cards, project website comments, emails, send them all our way!



Project Background & Status



- Address vehicular queuing & congestion
- Traffic Study proposed three roundabouts for continuous traffic flow through Paseo Delicias corridor
- 2016: Board of Supervisors approval
 - Project Environmental Impact Report (EIR) certified
- 2020: Board provided funding to complete engineering plans
- 2024: \$3M TransNet programmed for mid-2027, construction funding: eastern intersection

Project Objectives

- Safe & continuous traffic flow through Paseo Delicias corridor
- Safe & accessible intersections for pedestrians, equestrians, bicyclists
- Current engineering standards
- Stormwater drainage improvements,
 Greenstreets infrastructure
- Consistency with historic community character
- Minimize property owner impacts



Roundabout Design Elements



Continuous flow of traffic

Intersection moves more vehicles at a time

Vehicles yield to one travel lane, instead of each intersection leg



Using geometry to control speed

Curves & splitter islands require driver attention

Enhanced visibility as approaching intersection

Entrance deceleration, exit acceleration



Each intersection: 105' diameter

Tapered approach travel lane

Wide circulatory travel lane

Rolled apron curb for large/emergency vehicles





Roundabout Design Elements

Intersection Visibility & Safety:

- Pedestrian, equestrian crossings:
 - Rectangular Rapid Flashing Beacons (RRFB) Using example from La Granada intersection Activated by ped and equestrian height push buttons
 - Pole-mounted light fixtures next to pedestrian curb ramps
 - Downward facing, 15' high, color temperature "mimics moonlight" 110 watts





- Standard roundabout signage
 - Minimal safety lighting





Project Design Elements

Sustainability:

- Reduce fuel consumption and idlingless emissions
- Green Streets Design
 - Updated drainage strategy
 - Permeable pavement
 - Low-water plant palette
- Low-wattage, directional lighting
- Improve options for non-vehicular transport



Artemesia californica California Sagebrush



Encella californica California Encella



Mimulus spp. Monkey Flower



Rosmarinus officinal Upright Rosemary

MEDIUM SHRUBS



Arctostaphylos x 'Ernerald' Carpet' Emerald Carpet Manzanita

GROUNDCOVERS / GRASSES



Festuca californica California Fescue



Muhlenbergia rigens Deergrass



Achillea millefollum Common Yarrow



Design Updates

- Updated federal roundabout design guidance
- Speed reductions through intersection
- Designed to allow turning for 40-foot vehicle
 - Larger vehicles use rolled curb on truck apron
- Bicycles to use full lane
- Consistency with County Trails Master Plan
- Reduction in private parcel impacts
- Minimal lighting



Intersection Review

Eastern Roundabout:

Paseo Delicias/Del Dios Rd at El Camino del Norte

Paseo Delicias/Del Dios Rd at El Camino del Norte

Existing Condition: Aerial Photo of the Intersection of Paseo Delicas and El Camino Del Norte



Existing Condition:

- High volume route between the I-15 and I-5
- High speeds through intersection
- Difficult for cross traffic to turn
- No pedestrian or equestrian crossing
- Outdated drainage structures
- Environmentally Sensitive Areas (ESAs)

Objectives:

- Speed reduction
- Increase visibility of cross traffic, reduce delays
- Provide safe passage for pedestrian, equestrian, bicyclists
- Minimal design to limit impact to ESAs



Site Plan: Paseo Delicias/Del Dios at El Camino del Norte



Speed Reduction:

- 50mph → 25mph → 17mph within roundabout
- 105' diameter, rolled curb for emergency vehicles

Visibility:

- Enhanced pedestrian crosswalk
- Equestrian trail connectivity
- Bicycles use full lane: Sharrows
- Low-wattage lighting

Landscaping:

- Local plant palette
- Low clearance plants
- Relocate entry monument as focal entry point to historic corridor

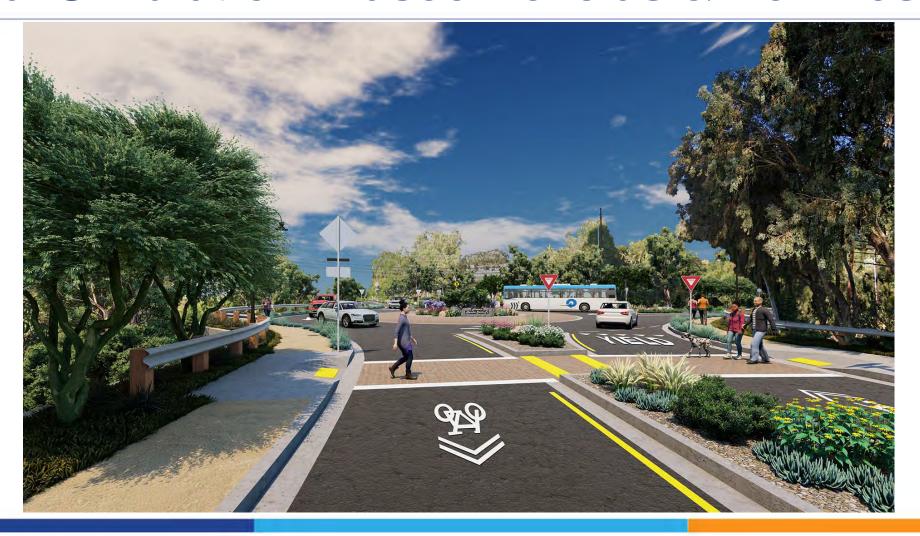


Visual Simulation: Paseo Delicias & Del Dios Rd





Visual Simulation: Paseo Delicias & Del Dios Rd





Intersection Review

Middle Roundabout:

Paseo Delicias at El Montevideo & La Valle Plateada

Paseo Delicias at El Montevideo/La Valle Plateada

Existing Condition:

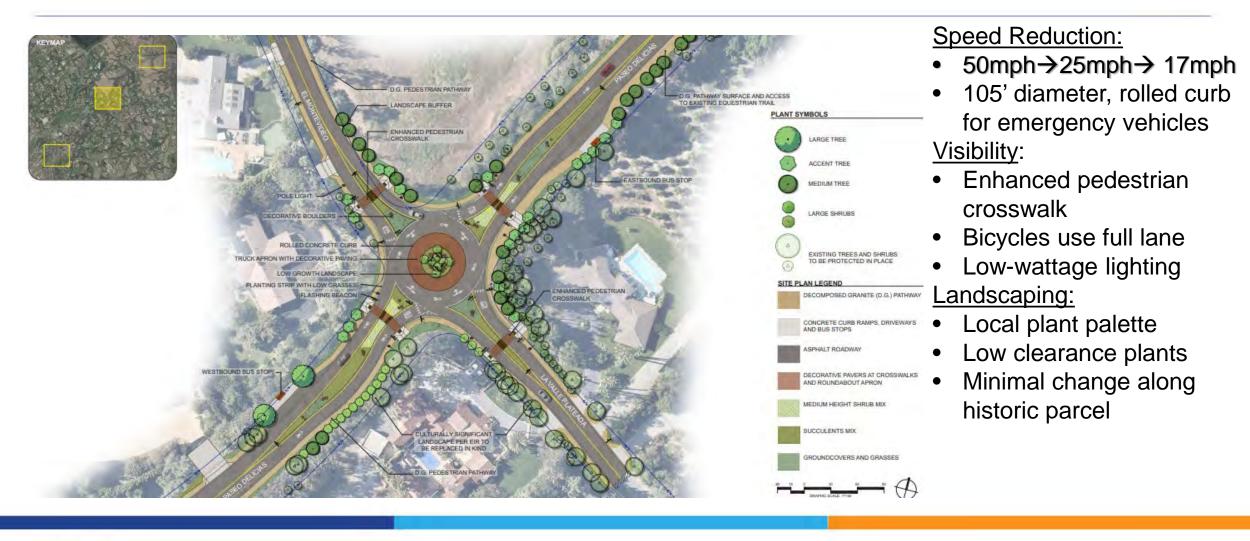
- High speed approach to stop signs
- Bus stops block travel lanes
- 4-way stop- increased delay
- No pedestrian/equestrian facilities
- Historic property at SW corner

Objectives:

- Reduce speed on approach to intersection
- Reduce vehicular delay & queue
- Bus pullouts & shelters
- Increase visibility of cross traffic
- Provide safe passage for pedestrian, equestrian, bicyclists
- Minor roadway vegetation removal



Site Plan: Paseo Delicias & El Montevideo/La Valle Plateada



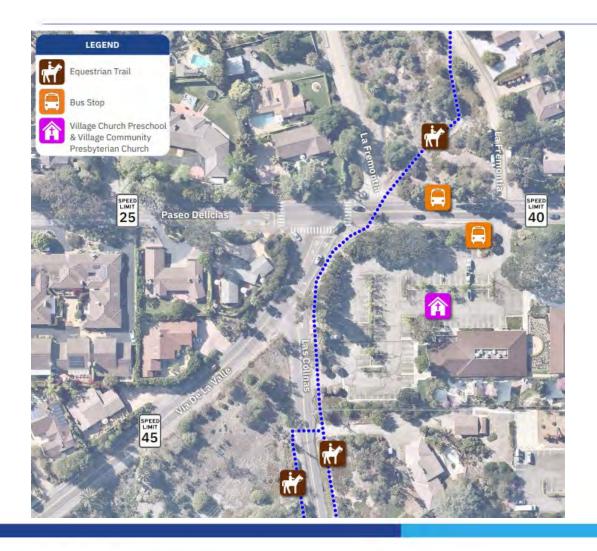


Intersection Review

West Roundabout:

Paseo Delicias at Via de la Valle

Paseo Delicias at Via de la Valle



Existing Condition:

- Las Colinas merge at Via de la Valle
- Skewed/multi-leg intersection
- Low visibility pedestrian/equestrian crossings
- Bus stops use travel lanes

Objectives:

- Improve intersection operations
- Reduce vehicular queue
- Increase visibility of cross traffic
- Provide safe passage for pedestrian, equestrian, bicyclists
- Bus pull-outs & shelters



Site Plan: Paseo Delicias at Via de la Valle



Safety:

- 45/40mph→25mph→
 17mph
- 105' diameter, rolled curb for emergency vehicles
- Bus pullouts & shelters <u>Visibility</u>:
- Enhanced pedestrian crosswalk
- Equestrian crossing
- Bicycles use full lane Landscaping:
- Evaluation to identify & protect mature trees
- Local plant palette
- Decorative boulders
- Historic RSF monument



Temporary Traffic Measures During Construction







Schedule & Next Steps: Eastern Roundabout

Complete Design Engineering

"Shovel Ready"

- Utility Engineering Check
- Third-Party Technical Review
- Community Outreach, Review & Comment
- Incorporate Review Revisions
- Move to 100% Design

TransNet Construction Funds

Available: Mid-2027

- Board of Supervisors Approvals
- Secure Right-of-way easements
- Utility Relocations by Other Agencies
- Advertise construction contract for bid

CONSTRUCTION BEGINS

Early 2028

 6-month Construction Duration



Schedule & Next Steps: Middle and West Roundabouts

Paseo Delicias at Via de la Valle, and at El Montevideo

Complete Design Engineering

"Shovel Ready"

Construction Funding

TBD

CONSTRUCTION BEGINS

TBD

- Utility Engineering Check
- Third-Party Technical Review
- Community Outreach, Review & Comment
- Incorporate Review Revisions
- Move to 100% Design

Construction schedule contingent on funding source and amount



Community Input!

- Tonight's Meeting:
 - Speak directly to the Project Team
 - Comment Cards
- Visit <u>Project Website</u>: <u>https://www.sandiegocounty.gov/content/sdc/dpw/roads/rancho_santa_fe.html</u>
 - URL is https://bit.ly/RSF_roundabouts
 - All Exhibits available for download
 - Comment submittal through form on Project Website
 - Email Cynthia Curtis, Project Manager
 Cynthia.Curtis@sdcounty.ca.gov





Thank You!

For more information about this project and the County of San Diego Department of Public Works

Stay in touch!

Social: **f** sdcountydpw **y** sdcountydpw

