

CROSS CONNECT

GOALS & PROCESS

GOALS OF THE *RAIL CORRIDOR CROSS-CONNECT IMPLEMENTATION PLAN* :

- BUILD UPON THE RECOMMENDATIONS OF THE RECENTLY COMPLETED *RAIL CORRIDOR VISION STUDY* AND *COASTAL MOBILITY & LIVABILITY STUDY*
- PRIORITIZE 20 POTENTIAL "CROSSING" AND "CONNECTOR" PROJECTS
- DEVELOP CONCEPTUAL PLANS FOR EACH PROJECT
- CREATE AN IMPLEMENTATION STRATEGY TO SECURE FUNDING AND REGULATORY APPROVALS

PRIORITIZATION OF PROJECTS

Spring / Summer 2019

- Survey, public workshop & online outreach
- Prioritization of projects based on community input, feasibility, mobility benefits & other factors

CONCEPT DESIGN

Fall / Winter 2019

- Draft concept plans for up to 20 priority projects
- Public workshop & online outreach

FINAL PLAN

Spring 2020

- Refined concept plans
- Implementation & funding strategy
- City Council approval

POTENTIAL PROJECTS: WHOLE CORRIDOR



COMMUNITY SURVEY RESULTS



The City of Encinitas conducted a city-wide survey from May to June 2019. The survey was administered online and at Open House #1 (May 2019). Survey participants included:

- » 678 Residents
- » 16 Businesses

CORRIDOR USAGE

- » Approximately half (51%) of all residents cross the railroad tracks daily
- » 92% of residents walk or bike across the tracks at least some of the time
- » 74% of residents cross the tracks at unmarked locations at least some of the time
- » 57% of businesses say that new or improved crossings would be extremely or very valuable for their business

EVALUATION CRITERIA

The highest-ranked criteria for assessing new crossing locations are:

- » Improving safety
- » Reducing traffic/pollution

NEW CROSSING LOCATION PRIORITIES

The highest-ranked locations for potential new crossings are:

- » Grandview St/Hillcrest Dr
- » Sanford St/Jupiter St
- » Birmingham Dr
- » Marcheta St/Orpheus Ave
- » Phoebe St/Glaucus St

EXISTING LOCATION UPGRADES

The highest-ranked locations to prioritize upgrades to existing crossings are:

- » Leucadia Blvd
- » La Costa Ave

PRELIMINARY RANKINGS

The project team evaluated potential new crossing locations based on multiple criteria:



**COMMUNITY
SURVEY**
(Weight x1)



**RAIL CORRIDOR
VISION STUDY
PRIORITIES**
(Weight x1)



**ACCESS BENEFITS
+ GHG/VMT
REDUCTION**
(Weight x2)



GAP CLOSURE
(Weight x1)



**CONNECTING
ROUTES**
(Weight x1)



**POTENTIAL
SAFETY
BENEFITS**
(Weight x2)



**VIEWS +
COMMUNITY
CHARACTER**
(Weight x1)



COST
(Weight x2)



FEASIBILITY
(Weight x2)

Preliminary rankings (based on a weighted score of the above criteria) are summarized in the table below. Rankings are subject to change as design concepts are refined.

POTENTIAL CROSSING	WEIGHTED SCORE	RANK
Sanford St/Jupiter St (#4)	736	1
Grandview St/Hillcrest Dr (#3)	642	2
Marcheta St/Orpheus Ave (#11)	540	3
Bishop's Gate Dr (#2)	517	4
Phoebe St/Glaucus St (#6)	510	5
Birmingham Dr (#18)	472	6
H St/I St*	453	7
Daphne St/Basil St (#9)	433	8
A St/Sunset Dr (#12)	395	9
Norfolk Dr/Dublin Dr*	235	10

*H St/I St and Norfolk Dr/Dublin Dr are highly constrained and likely infeasible

LA COSTA AVE

Connector (#1)



PROJECT DESCRIPTION

- » Sidewalks and crosswalks on La Costa Ave and Vulcan Ave
- » Improved lighting and sidewalk protection on La Costa Ave bridge

BISHOP'S GATE RD Crossing (#2)



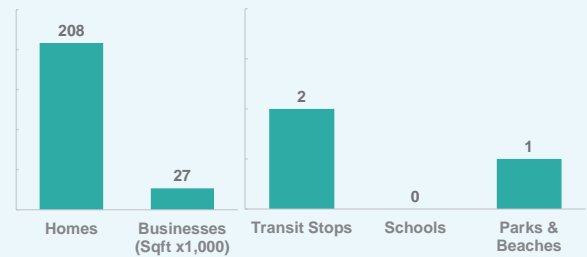
PROJECT DESCRIPTION

- » Pedestrian rail overpass with ramps and stairs
- » Sidewalks and crosswalks on Vulcan Ave and Ashbury St

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

5-Minute Walk Distance (Analysis)



5-Minute Walk Distance (Map)



GRANDVIEW ST/HILLCREST DR Crossing (#3) Crossing (#3)



Conceptual Design - Plan View



Conceptual Design - Perspective

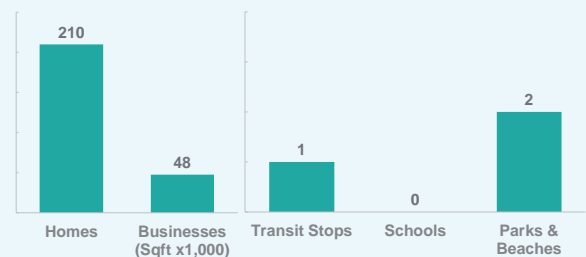
PROJECT DESCRIPTION

- » Pedestrian rail overpass with stairs and elevators
- » Sidewalks and crosswalks on Vulcan Ave, Coral Cove Way, and Hillcrest Dr

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

5-Minute Walk Distance (Analysis)



5-Minute Walk Distance (Map)



SANFORD ST/JUPITER ST

Crossing (#4) + Connector (#5)



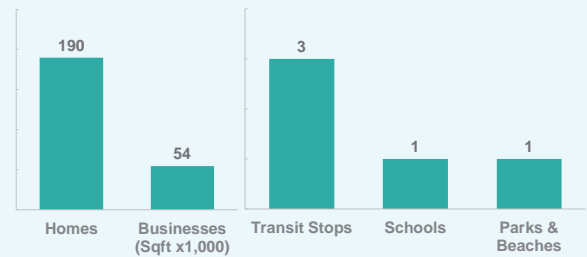
PROJECT DESCRIPTION

- » Pedestrian rail underpass with ramps
- » Sidewalks and crosswalks on Vulcan Ave and Sanford St

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

5-Minute Walk Distance (Analysis)



5-Minute Walk Distance (Map)



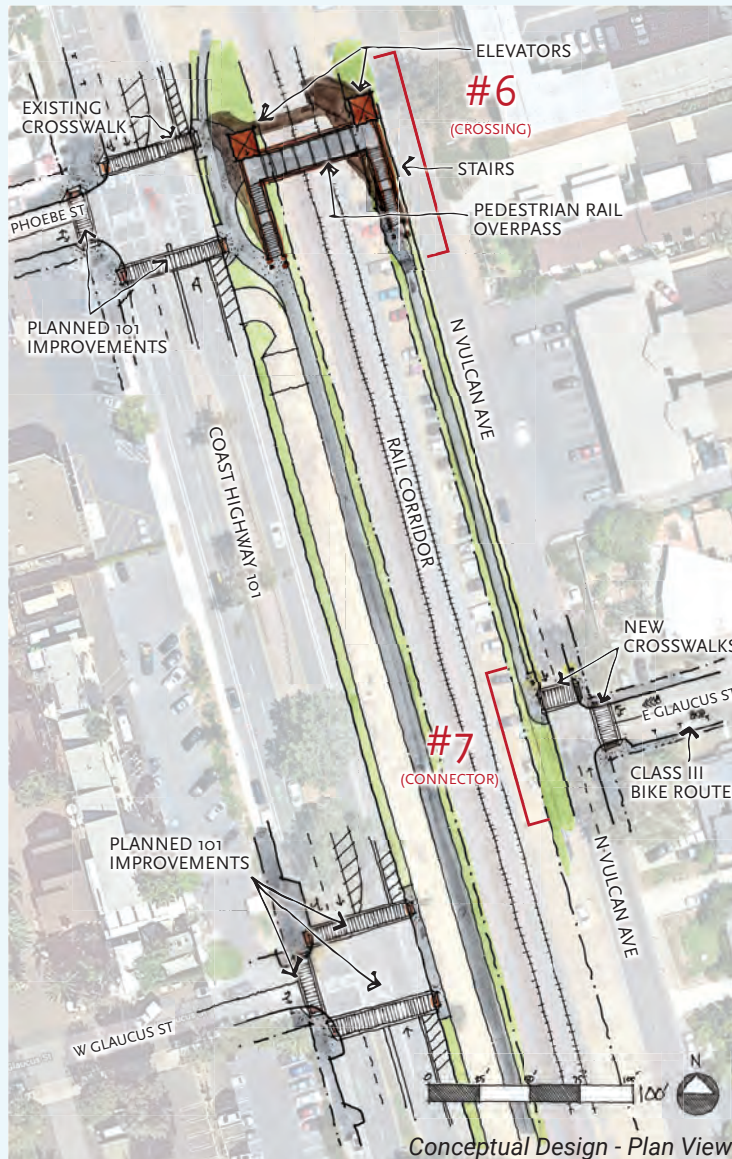
JANUARY 2020

encinitasca.gov/Cross-Connect

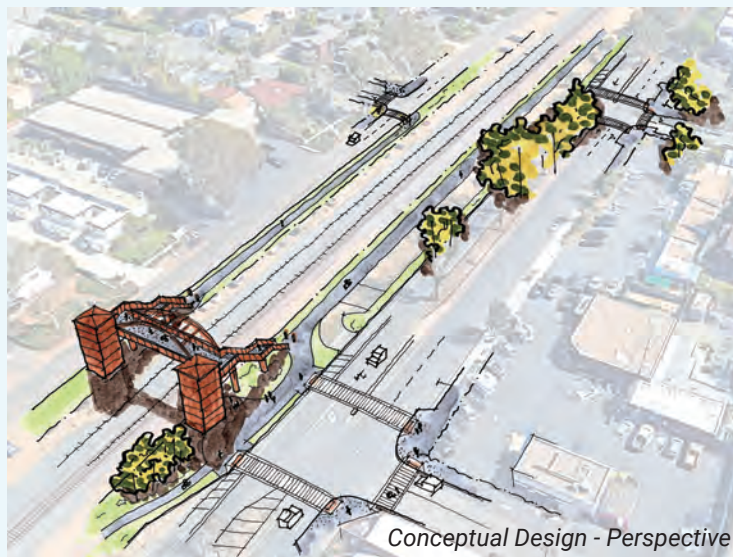


PHOEBE ST/GLAUCUS ST

Crossing (#6) + Connector (#7)



Conceptual Design - Plan View



Conceptual Design - Perspective

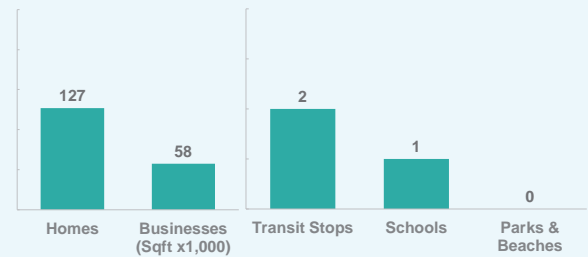
PROJECT DESCRIPTION

- » Pedestrian rail overpass with elevators and stairs
- » Sidewalks and crosswalks on Vulcan Ave
- » Decomposed granite trail and Class III shared bike route on E Glaucus St

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

5-Minute Walk Distance (Analysis)



5-Minute Walk Distance (Map)



LEUCADIA BLVD

Connector (#8)



PROJECT DESCRIPTION

- » Improvements to existing bike lanes on Leucadia Blvd
- » Sidewalk on Vulcan Ave

DAPHNE ST/BASIL ST

Crossing (#9)



Conceptual Design - Plan View



Conceptual Design - Perspective

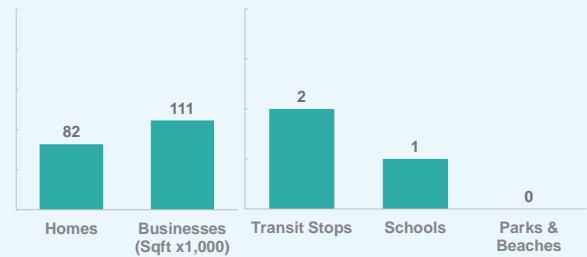
PROJECT DESCRIPTION

- » Pedestrian rail overpass with elevators and stairs
- » Sidewalks and crosswalks on Vulcan Ave

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

5-Minute Walk Distance (Analysis)



5-Minute Walk Distance (Map)



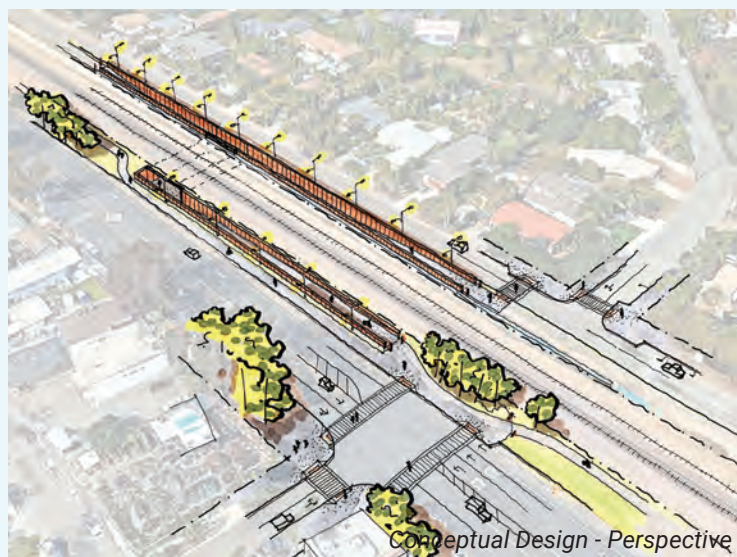
UNION ST Connector (#10)



PROJECT DESCRIPTION

- » Sidewalks and crosswalks on Vulcan Ave and Union St
- » Class III shared bike route on Union St

MARCHETA ST/ORPHEUS AVE Crossing (#11)



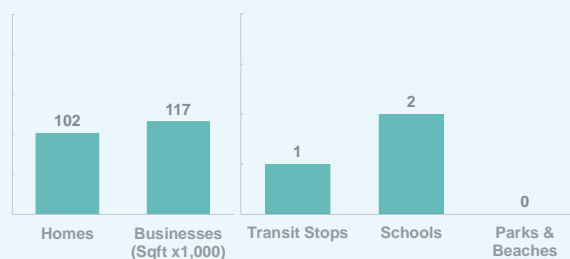
PROJECT DESCRIPTION

- » Pedestrian rail underpass with ramps
- » Sidewalks and crosswalks on Vulcan Ave and Orpheus Ave

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

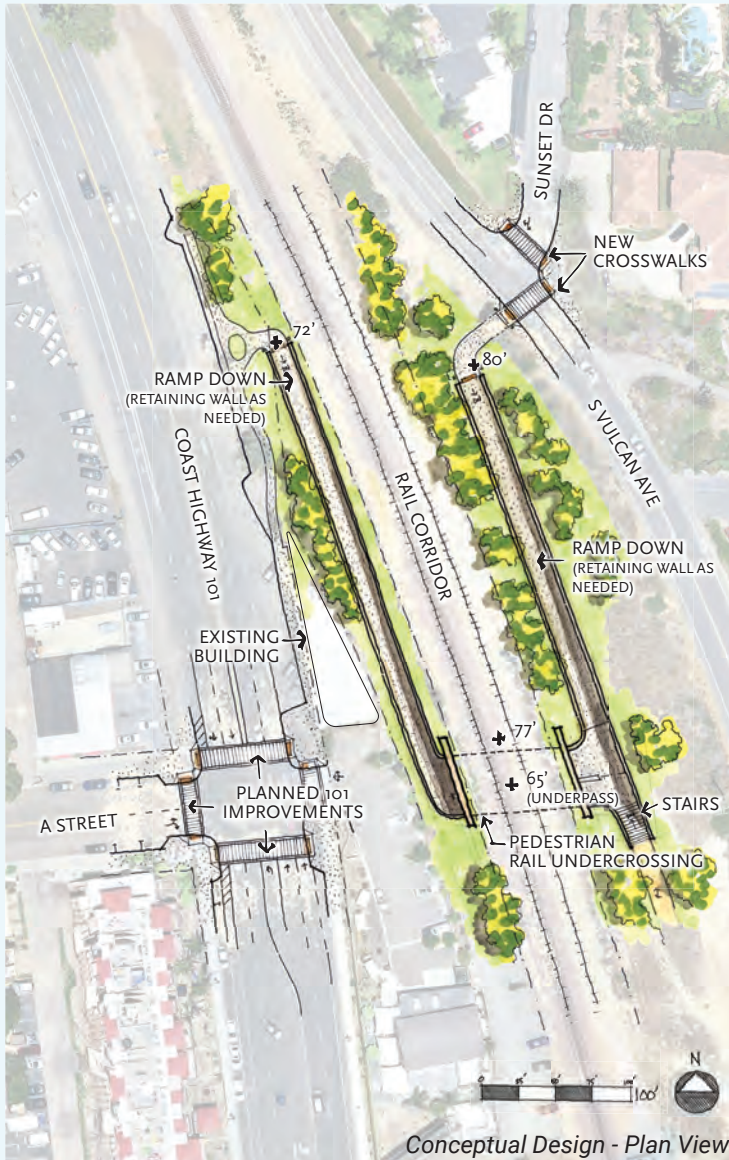
5-Minute Walk Distance (Analysis)



5-Minute Walk Distance (Map)



A ST/SUNSET DR Crossing (#12)



Conceptual Design - Plan View



Conceptual Design - Perspective

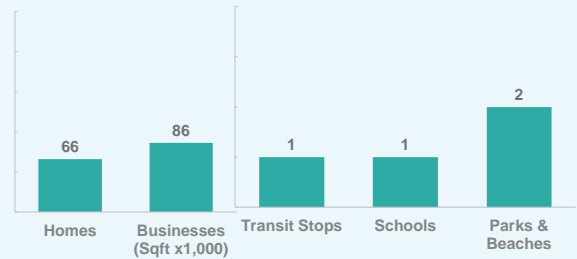
PROJECT DESCRIPTION

- » Pedestrian rail underpass with ramps
- » Crosswalks at A Street and Sunset Dr

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

5-Minute Walk Distance (Analysis)

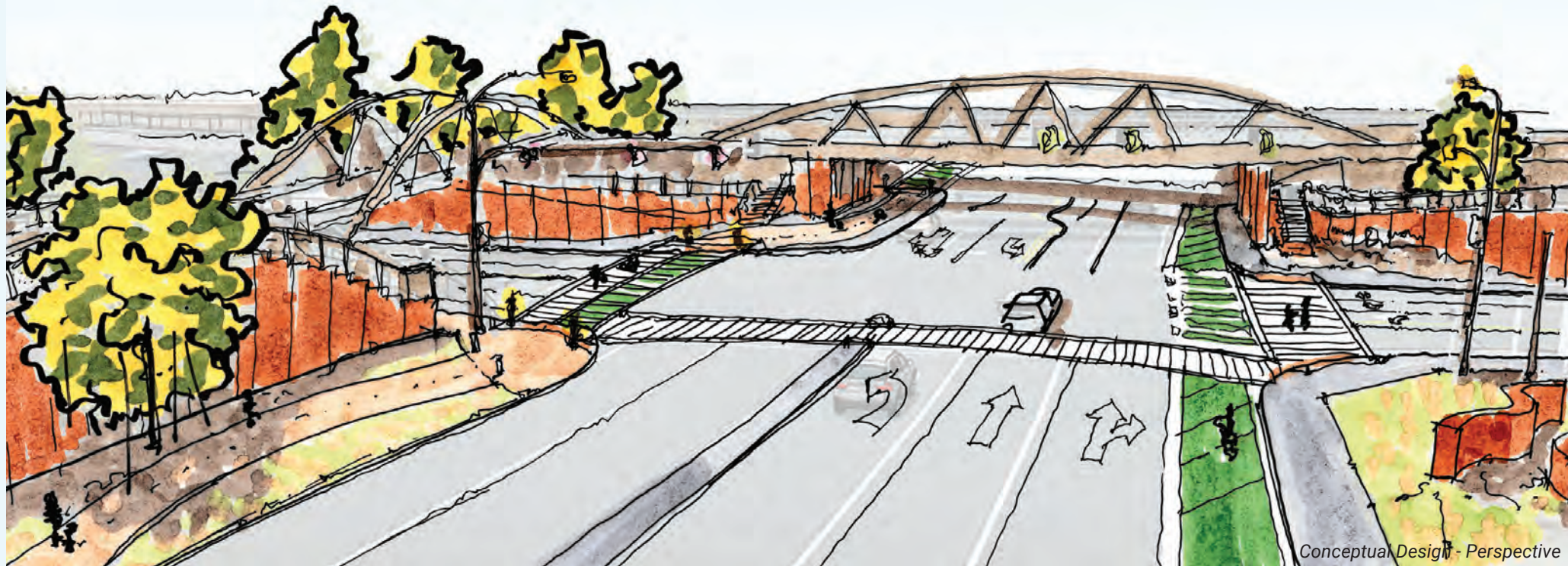


5-Minute Walk Distance (Map)



ENCINITAS BLVD

Connector (#13)



Conceptual Design - Perspective

PROJECT DESCRIPTION

- » Pedestrian bridges over Vulcan Ave and Encinitas Blvd
- » Class I multi-use path along south side of Encinitas Blvd
- » Class II buffered bike lane on north side of Encinitas Blvd
- » Active Transportation Plan (ATP) concept

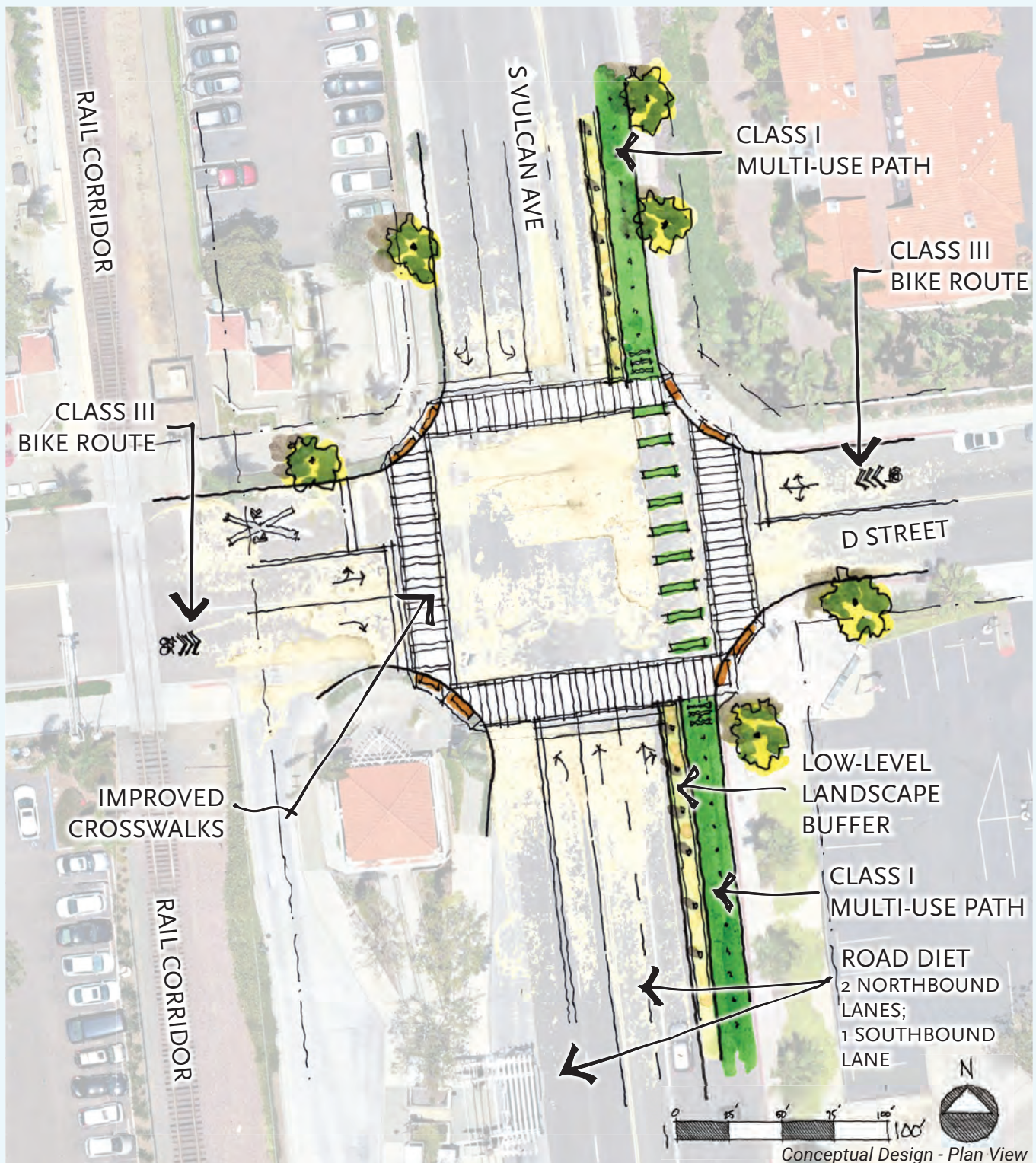
JANUARY 2020

encinitasca.gov/Cross-Connect



D STREET

Connector (#14)



PROJECT DESCRIPTION

- » Class I multi-use path on east side of Vulcan Ave
- » Class III shared bike route on D Street
- » Active Transportation Plan (ATP) concept

JANUARY 2020

encinitasca.gov/Cross-Connect



VERDI AVE

Connector (#17)



PROJECT DESCRIPTION

- » Sidewalks on San Elijo Ave
- » Crosswalks and improved sidewalks at Verdi Ave and Liszt Ave intersections

JANUARY 2020

encinitasca.gov/Cross-Connect



F STREET Connector (#15)



PROJECT DESCRIPTION

- » Sidewalks and crosswalks on Vulcan Ave, F Street, and I Street
- » Class III shared bike route on F Street

JANUARY 2020

encinitasca.gov/Cross-Connect

SANTA FE DR Connector (#16)



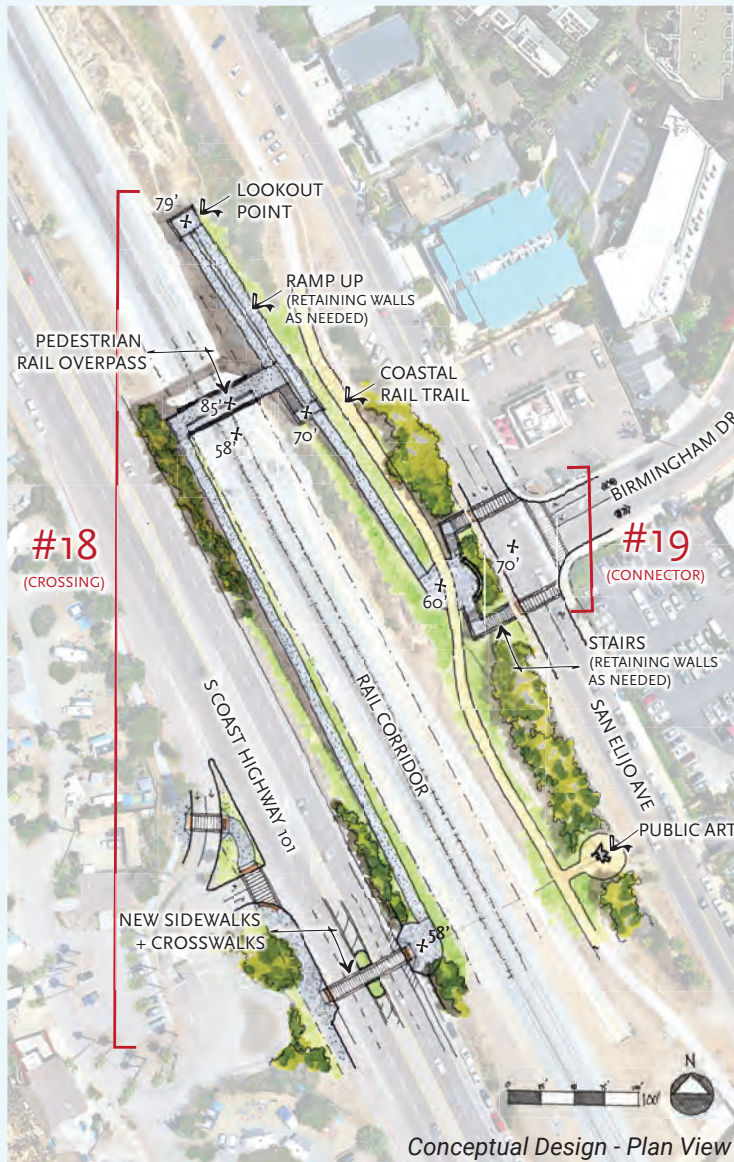
PROJECT DESCRIPTION

- » Sidewalks and crosswalks on Vulcan Ave and J Street
- » Crosswalks and improved lighting at Santa Fe Dr and Vulcan Ave intersection



BIRMINGHAM DR

Crossing (#18) + Connector (#19)



Conceptual Design - Plan View



Conceptual Design - Perspective

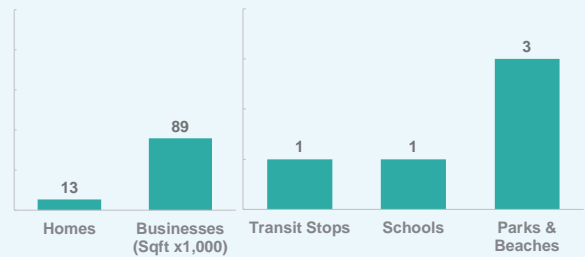
PROJECT DESCRIPTION

- » Pedestrian rail overpass with ramps and stairs
- » Sidewalks and crosswalks on Coast Highway 101, San Elijo Ave, and Birmingham Dr
- » Class III shared bike route on Birmingham Dr

ACCESS BENEFITS

The number of homes and destinations within a 5-minute walk helps determine the project's potential benefits, user demand, and ability to reduce greenhouse gas emissions and vehicle miles traveled.

5-Minute Walk Distance (Analysis)



5-Minute Walk Distance (Map)



JANUARY 2020

encinitasca.gov/Cross-Connect



NORFOLK-DUBLIN-CHESTERFIELD Connector (#20)



PROJECT DESCRIPTION

- » Trail along west side of San Elijo Ave and decomposed granite (DG) trails south of Kilkenny D
- » Class II bike lanes and Class III shared bike routes on San Elijo Ave
- » Class III shared bike route on Norfolk Dr
- » Sidewalks on Dublin Dr

JANUARY 2020

encinitasca.gov/Cross-Connect

