Lomas Santa Fe Corridor Study

Community Meeting – May 24, 2018
Meeting Overview

- Welcome
- Purpose of Meeting
- Overview of Proposed Improvements
- Open House
Project Approach

Phase I
- Research
- Fact Finding
- Initial Recommendations

Phase II
- Feasibility Analysis
- Preliminary Engineering
- Cost Estimating

Phase III
- Environmental Review
- 30% Design
- Permitting
- Project Funding

Phase IV
- Final Engineering
- Construction

2017
Review Proposed Improvements
Western Corridor

- Construct New Sidewalk
- Construct New Sidewalk
- Construct Curb Extension
- Construct "Spot" Medians
- Stripe Buffered Bicycle Lanes

PROPOSED SIDEWALK TO BE INSTALLED ON THE WEST SIDE OF SOUTH GRANADOS AVE TO INTERSECTION WITH BROOKDALE PL
- Construct "Spot" Medians
- Stripe Buffered Bicycle Lanes
- Construct Curb Extensions
- Modify Signal for Split Phase Operations
Western Corridor

Add On - Street Parking

Construct “Spot” Medians

Stripe Buffered Bicycle Lanes
2 OPTIONS FOR EASTBOUND BICYCLE LANE

A1: Buffered with Stripe

A2: One-Way Cycle Track with Raised Curb
Western Corridor

- Stripe Buffered Bicycle Lanes
- Construct “Spot” Medians
- Install Delineators to Define Bicycle Lane
- Extend Bicycle Lane into Intersection
- New On Street Parking
- Construct Pocket Park
Western Corridor

Completed Sidewalk Project

Caltrans Improvements

 Stripe Buffered Bicycle Lanes

GLUE DOWN CHANNELIZERS (TYP)
CALTRANS IMPROVEMENTS TO BE COMPLETED SUMMER 2018
Caltrans Improvements

- Construct Retaining Wall
- Construct Multiuse Path
- Stripe Buffered Bicycle Lanes

Eastern Corridor

Caltrans Improvements to be completed Summer 2018
Construct Multiuse Path & Retaining Wall

Stripe Buffered Bicycle Lanes

Modify Signal for Split Phasing

Eastern Corridor
Striping Option

Roundabout Option

Eastern Corridor
Striping Option

- Improve Existing Multiuse Path
- Construct Concrete Sidewalk
- Construct Pedestrian Path
- Restripe for Bicycle Lanes (with Buffer*)

Eastern Corridor
Roundabout Option

- Construct Retaining Wall
- Construct Roundabout
- Construct Pedestrian Path
- Improve Existing Multiuse Path
- Restripe Corridor

Eastern Corridor
STREET VIEW LOOKING EAST (VIA GOOGLE MAPS)

EXHIBIT 6-9, TYPICAL INSCRIBED CIRCLE DIAMETER RANGES (FROM NCHRP REPORT 672)

<table>
<thead>
<tr>
<th>Roundabout Configuration</th>
<th>Typical Design Vehicle</th>
<th>Common Inscribed Circle Diameter Rangea</th>
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<tbody>
<tr>
<td>Mini Roundabout</td>
<td>GU-30 (GU-9)</td>
<td>45 to 99 ft (14 to 30 m)</td>
</tr>
<tr>
<td>Single Lane Roundabout</td>
<td>WB-60 (WB-15)</td>
<td>105 to 150 ft (32 to 46 m)</td>
</tr>
<tr>
<td></td>
<td>WB-67 (WB-20)</td>
<td>130 to 180 ft (40 to 55 m)</td>
</tr>
<tr>
<td>Multilane Roundabout (2 lanes)</td>
<td>WB-60 (WB-15)</td>
<td>150 to 220 ft (46 to 67 m)</td>
</tr>
<tr>
<td></td>
<td>WB-67 (WB-20)</td>
<td>160 to 220 ft (50 to 67 m)</td>
</tr>
<tr>
<td>Multilane Roundabout (3 lanes)</td>
<td>WB-60 (WB-15)</td>
<td>200 to 250 ft (61 to 76 m)</td>
</tr>
<tr>
<td></td>
<td>WB-67 (WB-20)</td>
<td>220 to 300 ft (67 to 91 m)</td>
</tr>
<tr>
<td>* Assumes 90° angles between entries and no more than four legs. List of possible design vehicles is not all-inclusive.</td>
<td></td>
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</tbody>
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PLAN VIEW

EXISTING ROUNDBOUD SANTA FE DR & DEVONSHIRE DR ENCINITAS, CA
Striping Option

- Stripe Buffered Bicycle Lanes
- Improve Existing Multiuse Path
- Construct Concrete Sidewalk
- Construct Retaining Wall

AMINO DE LAS VILLAS

LOMAS SANTA FE DR

Eastern Corridor
Eastern Corridor

- Roundabout Option
- Improve Existing Multiuse Path
- Construct Retaining Wall
- Construct Roundabout
- Construct Concrete Sidewalk
- Restripe Corridor
Striping Option

Roundabout Option
Striping Option

Roundabout Option
Striping Option

- Construct Retaining Walls
- Construct Connection to Cart Path
- Stripe Buffered Bicycle Lanes
- Construct New Raised Median
- Improve Existing Multiuse Path
- Maintain Existing Raised Median

Eastern Corridor
Roundabout Option

- Construct Retaining Walls
- Construct Roundabouts (2)
- Construct Connection to Cart Path
- Improve Existing Multiuse Path
- Construct Concrete Sidewalk
- Relocate Existing Sign to New Median

Eastern Corridor
Roundabout Option

Striping Option
Streetscape & Themes

HIGHWAY 1 TO NARDO AVENUE
- PARC VIE BENCH
- LANDSCAPE FORMS
- BUS STOP
- CUSTOM

NARDO AVENUE TO SANTA HELENA
- MLB 1400 SERIES
- SHADE SHELTER

SANTA HELENA TO HIGHLAND DRIVE
- FBF 50
- VICTOR STANZEY
- SHADE SHELTER

COMMON SITE FURNISHINGS FOR LOMAS SANTA FE DRIVE
- BIKE RACK
- CUSTOM
- STREET LIGHT
- PEDESTRIAN LIGHT
Share Your Thoughts On Improvements

1. Review the Proposed Improvement
2. Discuss / Ask Questions
3. Complete Questionnaire
4. Submit Questionnaire
THANK YOU FOR PARTICIPATING!