

Lomas Santa Fe Corridor Improvements Project

WORKSHOP

CITY OF SOLANA BEACH | OCTOBER 30, 2019



Welcome!

City of Solana Beach



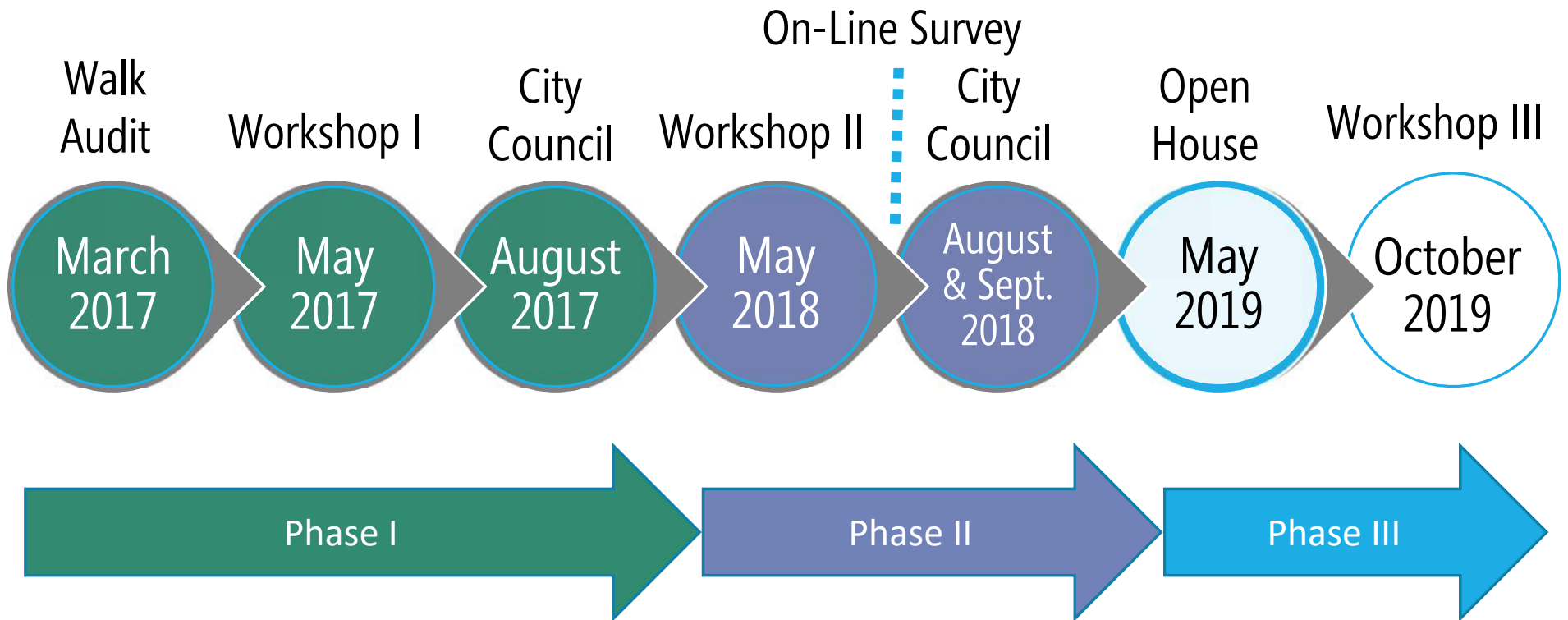
Agenda

- Project overview
- Purpose of tonight's meeting
- Comments received at the last meeting
- Corridor tour
- What are the next steps?

Project Overview



Project Overview: Community Engagement



Purpose of Tonight's Workshop

- Share Comments from Open House Meeting
- Review Changes to Concept Plan
- Provide Input

Review of Open House Comments

Comments	#	%
Geometrics	45	30%
Pedestrian & Bicycle	35	23%
Safety	31	21%
Aesthetics	21	14%
Operations	6	4%
Transit	2	1%
Other	9	7%
TOTAL	149 (125 Attendees)	100%

Geometrics

Comments & Suggestions GEOMETRICS

- 11-foot lanes
- Maintain 4 travel lanes along Lomas Santa Fe
- Hwy. 101 / Cedros Ave: Lengthen EB left turn & add a raised median
- Provide two lanes on Lomas Santa Fe west of Highland Drive
- Turning left from Camino De Las Villas (center access) onto Lomas Santa Fe is challenging due to high speeds
- Westbound right turn lane at Santa Helena



Looking Westbound on Lomas Santa Fe at Highland Drive

Ped & Bike Facilities

Comments & Suggestions PED & BIKE FACILITIES

- Class IV (protected bike lanes) are desirable for families and school children who bike
- Consider a pedestrian walk phase (scramble) at the Cedros Avenue intersection
- Flashing warning lights are suggested at Nardo Avenue crosswalk to alert motorists
- Wide sidewalks and bike lanes were suggested



Looking Westbound on Leucadia Boulevard east of I-5 Freeway

Safety

Comments & Suggestions SAFETY

- Concerns about high speeds along the corridor near Earl Warren Middle School
- Reduce high vehicle speeds along the corridor for pedestrians and bicyclists
- Physical barriers between the travel lanes and bike lanes should be considered
- Wider sidewalks near schools was suggested



Marked Pedestrian Crosswalk on Lomas Santa Fe at Stevens Avenue

Aesthetics

Comments & Suggestions Aesthetics

- Landscaping improvements are recommended on southwest corner of Lomas Santa Fe / Stevens Avenue
- Edible garden was suggested near the Earl Warren Middle School
- Provide canopy trees for shade along the new multi-use path
- Concerns about debris near the I-5 freeway on-ramps and under the bridge



Southwest corner of Lomas Santa Fe Drive at Stevens Avenue

Operations

Comments & Suggestions OPERATIONS

- Need to improve pedestrian visibility at Nardo Avenue and Glencrest/Stevens Avenue
- Will signals detect bikes and motorized scooters?
- Need to improve pedestrian crossing times at intersections along the corridor



Looking Westbound on Lomas Santa Fe prior to Santa Helena Drive

Transit

Comments & Suggestions TRANSIT

- Transit options along the corridor are recommended
- Public transportation (bus) should be provided on east side of I-5 freeway to access the Amtrak Station



Bus Stop along the north side of Lomas Santa Fe Drive

Other

Comments & Suggestions OTHER

- Coordinate with emergency services/fire
- Pocket park at Stevens is appreciated
- 4 of the 9 comments support the project
- 5 of the 9 comments oppose the project



Looking Westbound on Lomas Santa Fe east of Granados Avenue

Corridor Tour

LOMAS SANTA FE CORRIDOR Improvements Project



Corridor Tour Guide

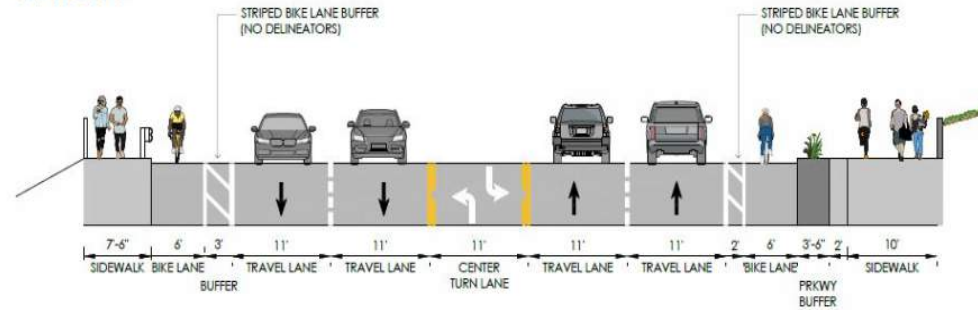
Community Workshop | October 30, 2019

Key Improvements...	What changed since last meeting?	Your comments...
<p>A</p> <ul style="list-style-type: none"> Restripe the left turn lanes between Highway 101 and Cedros Avenue Add high visibility crosswalks at Lomas Santa Fe/Cedros Avenue Curb extension at the northeast corner of Lomas Santa Fe/Cedros Avenue to reduce pedestrian crossing distance 	<p>The community preferred the option shown for Highway 101/Cedros. Therefore, the second alternative has been eliminated. A scramble (all pedestrian phase) was also evaluated. Due to signal coordination with Highway 101 and Rice, a scramble was not recommended. Curb extensions were added to reduce the crossing distance.</p>	
<p>B</p> <ul style="list-style-type: none"> Replace existing crosswalk with high visibility crosswalk Curb extension on the southwest and northeast corners of Lomas Santa Fe/Nardo to reduce pedestrian crossing distance Add green bike lane striping on Lomas Santa Fe to improve visibility in conflict areas Narrow striped median to accommodate wider sidewalk on north side 	<p>The community asked us to evaluate curb extension on the east side of Nardo. Due to grade, these curb extensions were determined to be infeasible. The City is working on a traffic signal modification that will allow for split pedestrian phases north-south to reduce the left turn-pedestrian conflict in the existing crosswalk.</p>	
<p>C</p> <ul style="list-style-type: none"> Stripe "Keep Clear" across Boys & Girls Club Driveway 	<p>The median proposed on the east side of the Boys & Girls Club Driveway has been removed. This driveway provides access to both the Boys & Girls Club as well as homes. The proposed "Keep Clear" will help provide access during peak periods.</p>	
<p>D</p> <ul style="list-style-type: none"> Widen the sidewalk along the north side of Lomas Santa Fe between El Viento Street and Glencrest Drive Add a narrow planting strip between sidewalk and bicycle lane on north side Narrow median to provide buffered bicycle lanes 	<p>The parking proposed on the north side of Lomas Santa Fe has been removed and replaced with a 10 foot sidewalk. This will provide a wider space for students traveling to and from school.</p> <p>Tonight we are asking for your input on the bicycle facilities!</p>	
<p>E</p> <ul style="list-style-type: none"> Construct a multi-use path with a landscaped buffer along the north side of Lomas Santa Fe Add green bike lane striping on Lomas Santa Fe east of Santa Helena (north and south side of the road) Extend the westbound right turn lane to accommodate the queues Add a high visibility crosswalk on the east leg of the Lomas Santa Fe/Place Entrance intersection 	<p>The community asked that the westbound shared through/right lane be returned to a right turn lane. Field observations showed that 1 in 7 vehicles turn right and the other vehicles go through to the freeway from this lane. The right turn lane is located within Caltrans right-of-way and as striped reduces the potential bicycle-vehicle conflicts at the northbound freeway on-ramp. Restriping was not recommended.</p>	
<p>F</p> <ul style="list-style-type: none"> Raised landscape median island west of Camino De Las Villas 	<p>The proposed raised median has been shifted to the west. The community requested the median be removed and the existing median be restriped as an acceleration lane. However, this is the narrowest point along the corridor. There is not sufficient width to provide an acceleration lane. The existing median is striped with two double yellow lines, which indicated vehicles should not drive through or over the striped area. The proposed median is located within the striped median area and should have no impact on access.</p>	
<p>G</p> <ul style="list-style-type: none"> Lengthening the westbound to southbound left turn lane at Lomas Santa Fe/Camino De Las Villas Add green bike lane striping on the south side of Lomas Santa Fe at Camino De Las Villas to improve visibility 	<p>There were mixed feelings about 11 foot lane widths from the last meeting. The width of lanes along the corridor currently vary from 10 feet to 13 feet wide. This project will provide consistent 11 foot lanes throughout the corridor with the exception of this pinch point. The proposed 10 foot lanes are a standard lane width for an arterial street like Lomas Santa Fe.</p> <p>The narrower lanes through this pinch point provide a slightly wider bicycle lane on the south side of Lomas Santa Fe. They also accommodate the extension of the westbound left turn pocket – requested by the community in previous workshops. Per Council direction, the roadway is not to be widened. This is the narrowest and most constrained section of the corridor.</p>	
<p>H</p> <ul style="list-style-type: none"> Extend the existing raised median at Highland Drive east toward Via Mil Cumbres Proposed median will be slightly south of the existing striped median to accommodate buffered bicycle lanes 	<p>The proposed raised median has been shortened and moved further east from Via Mil Cumbres compared the previous concept plan. Based on comments received from the community, the existing median is striped with two double yellow lines indicating vehicles are not to drive or cross through the median. Since vehicles are restricted from entering the striped median by the presence of the double-double yellow striping, the proposed median would result in no change in access.</p>	
<p>I</p> <ul style="list-style-type: none"> Maintain one westbound through lane on Lomas Santa Fe west of Highland Drive Add high visibility crosswalks on all four legs at Lomas Santa Fe/Highland Drive 	<p>The community was concerned at the last meeting that the project was reducing Lomas Santa Fe to one lane westbound at Highland Avenue. The project is not affecting the lane configuration west of Highland Drive. There is currently one lane and the project maintains the single lane for approximately the same distance as the existing one-lane section.</p>	
<p>J</p> <ul style="list-style-type: none"> Construct landscaped medians along Highland Drive from Lomas Santa Fe to Uno Verde Court Construct curb extensions at two of the driveways on the south side of Highland Drive 	<p>This is the first time this plan has been presented to the community. These improvements were added based on concerns raised about speeding on Highland Ave.</p> <p>Please share your thoughts on the medians and striping in the spaces provided at this station.</p>	

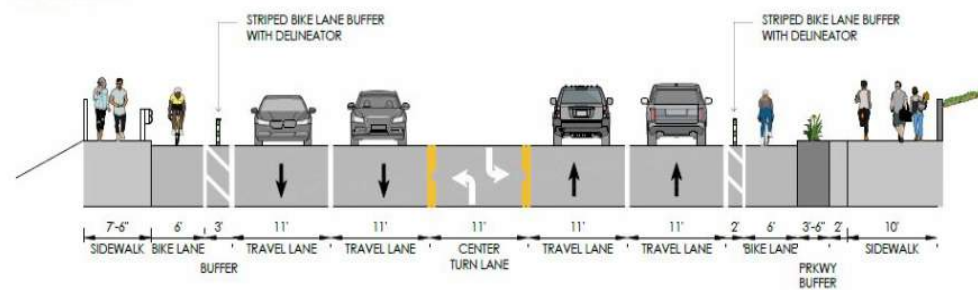
Corridor Tour

GLENCREST DRIVE TO NARDO AVENUE

OPTION 1



OPTION 2



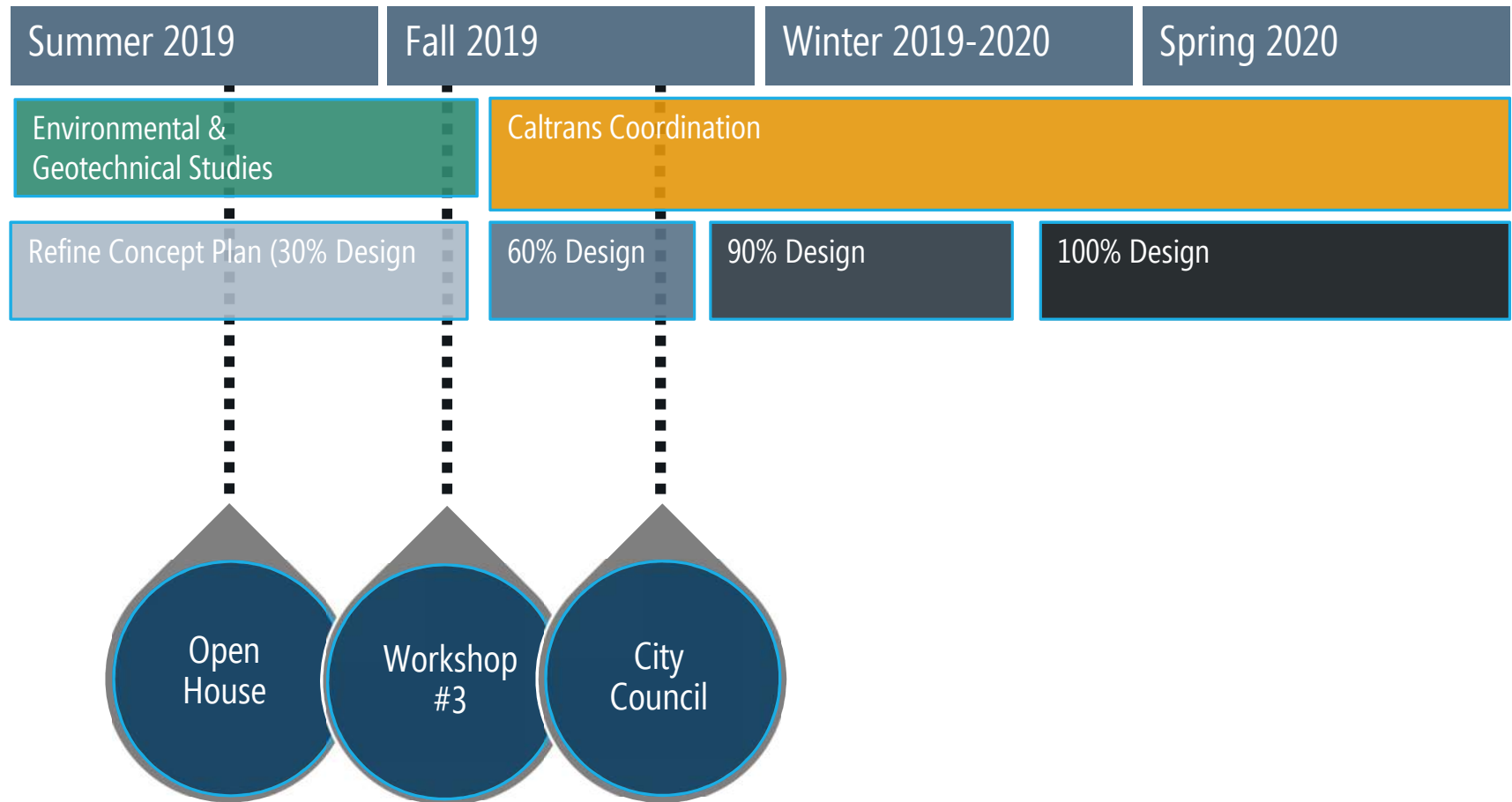
PLACE ONE STICKY DOT FOR YOUR PREFERRED OPTION

OPTION 1

OPTION 2

LOMAS SANTA FE DRIVE
SECTIONS
10-30-2019

Next Steps



**Thank you for
participating!**

