Welcome!

Community Workshop

October 24, 2011 4:00p.m. - 5:30p.m.

Please sign in...

View our displays, ask questions, and give us your input concerning soundwalls proposed for your neigborhood.

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Interchanges Project

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Why Are We Here Tonight?

- To discuss project design features with community members in an informal workshop setting.
- To present project features that have changed.
- Obtain guidance on aesthetic issues and new project features.
- City, SBCAG and Caltrans staff are available to answer your questions.

What's Next?

Caltrans has completed the environmental process for the project as required under CEQA and NEPA. The project is proceeding with detailed design and Right of Way acquisition. The project will require amendments to the Carpinteria Local Coastal Land Use Plan, and a Coastal Development Permit, in coordination with the City of Carpinteria and the California Coastal Commission.

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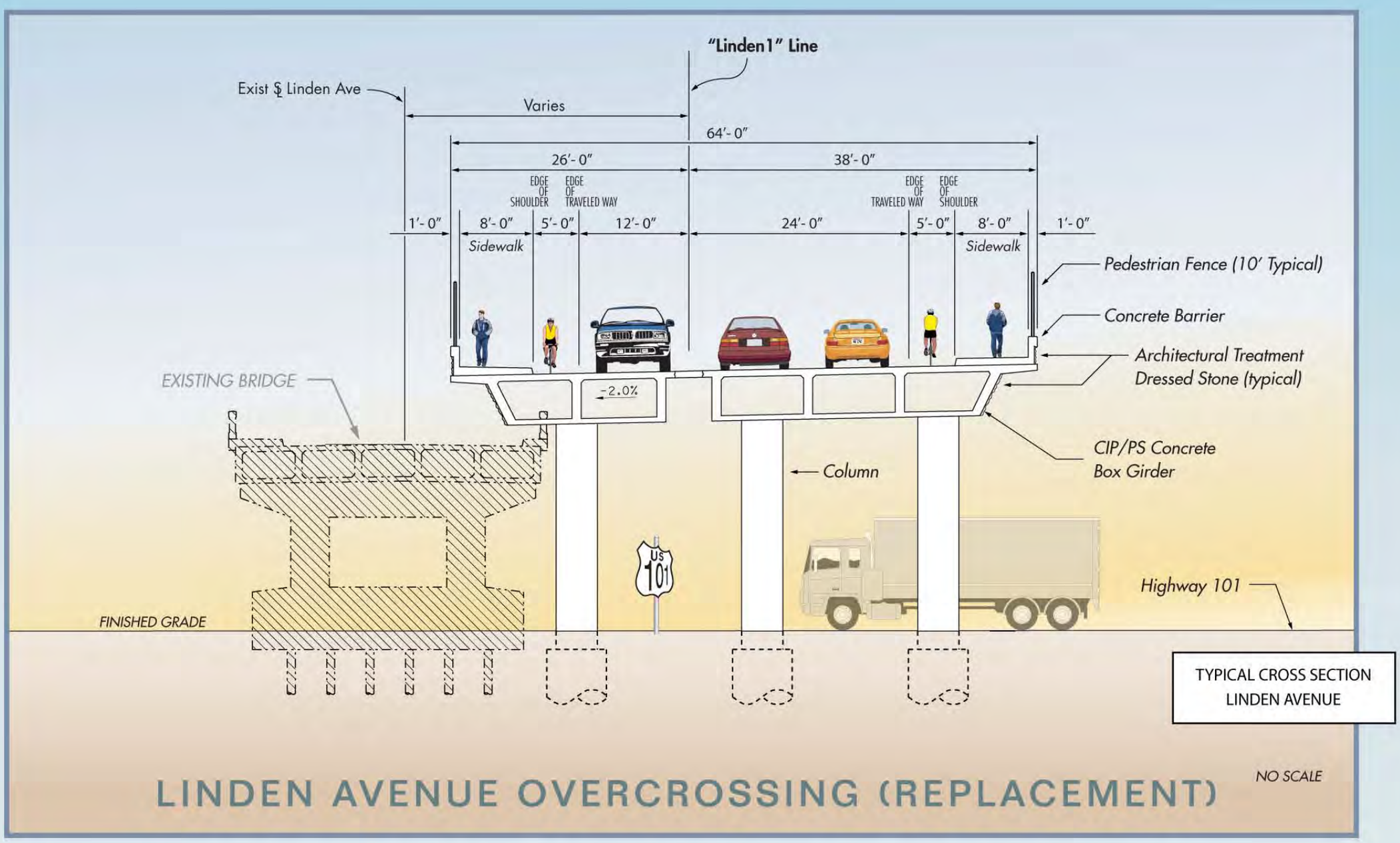
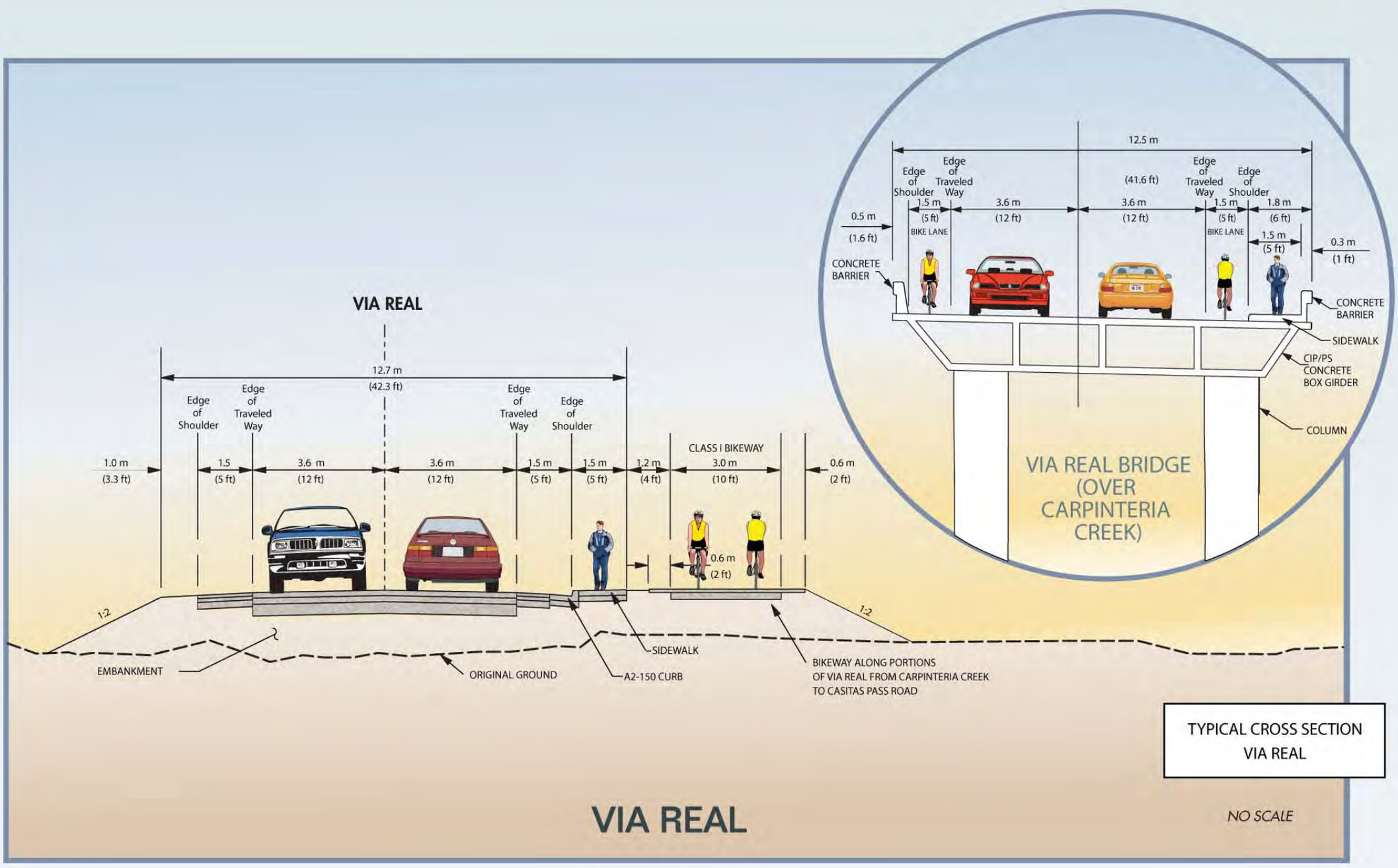
LINDEN CASITAS

Interchanges Project

Typical Cross Sections



LINDEN AVENUE OVERCROSSING (REPLACEMENT)



VIA REAL

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LEGEND

- Caltrans Right of Way
- Proposed Soundwall
- Proposed Retaining Wall
- Proposed Concrete Median Barrier
- Proposed Roadway
- Proposed Structure
- Contrasting Paving
- Proposed Mitigation and Habitat Enhancement Planting Areas
- Proposed Landscaped Area (may include mitigation plantings)

Retaining Wall 'D'
Height: 5 - 7 ft

Retaining Wall 'F'
Height: 8 - 10 ft

Retaining Wall 'L'
Height: 8 ft

Linden Avenue Bridge
Length: Approx 230 ft
Double Span Bridge
3 lanes of vehicle travel
Bike lanes and sidewalks on both sides

Soundwall B-2 (Nipomo Drive)
Height: 12 ft higher than NB 101 lanes
Length: Approx 1200 ft.

Soundwall B-4
Height: 12 ft
Length: Approx 600 ft.

Soundwall B-5
Height: 12 ft
Length: Approx 90 ft.

Soundwall B-6
Height: 12 ft
Length: Approx 250 ft.

Soundwall B-4,5,6,8 Combined (Via Real)
Alternate location
Height: 12 ft
Length: Approx 1280 ft.

Retaining Wall 'E'
Height: 3 ft

Retaining Wall 'A'
Height: 6 ft

Retaining Wall 'B'
Height: 9 ft

Via Real Bridge
Length: Approx 145 ft
Double span Bridge
Two Lanes of Vehicle travel
Bike lanes on both sides
Sidewalk on North side

Carpinteria Creek Bridge
Length: Approx 140 ft
Single Span Bridge
Built to accomodate 6 lanes of vehicle travel and ramps
10 ft inside and outside shoulders

Soundwall B-9 (Holly Ave)
Height: 10 ft
Length: Approx 210 ft.

Retaining Walls 'I', 'J', 'K'
'I' Height: 10 ft
'J' Height: 3 - 11 feet
'K' Height: 3 - 13 feet

Soundwall B-7 (Vallecito/Church)
Height: 10 ft
Lenght: Approx 700 ft.

Retaining Wall 'C'
Height 6-8 feet

Casitas Pass Bridge
Length: Approx 200 ft
Double Span Bridge
5 lanes of vehicle travel including center turn lane
Bike lanes and sidewalks on both sides

PACIFIC VILLAGE DR
OGAN AVE
STAR PINE RD
CAMEO RD
HALES LN
CAMEO RD
LA BREA LN
NIPOMO DR
SAWYER AVE
HOLLY AVE
LINDEN AVE
EUGENIA PL
CHURCH LN
VALLECITO RD
CASITAS PASS
VIA REAL
CARPINTERIA AVE

Concrete Median Planter
8ft Face to Face of Barrier (5 ft planter)

Area of Limited Lateral Sight Distance
Median Planting Not Feasible
Single Concrete Median Barrier - offset

LImit of Mainline (Freeway) Improvements

NORTH
NOT TO SCALE

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Interchanges Project

Project Overview

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PLANT LIST

BOTANICAL NAME	COMMON NAME
Skyline Trees	
Cedrus atlantica	Atlas Cedar
Cupressus macrocarpa	Monterey Cypress
Platanus californica	California Sycamore
Quercus lobata	Valley Oak
Mitigation site/ Riparian Habitat	
Acer macrocarpa	Big Leaf Maple
Alnus Rhombifolia	White Alder
Platanus californica	California Sycamore
Populus tricocarpa	Black Cottonwood
Salix lasiolepis	Arroyo Willow
Street Trees	
Acrocarpus fraxinifolius	Pink Cedar
Brachychiton populneus	Bottle Tree
Ginkgo biloba	Maidenhair Tree
Jacaranda mimosifolia	Jacaranda
Koelrueteria paniculata	Goldenrain Tree
Pinus canariensis	Canary Island Pine
Pistacia chinensis	Chinese Pistache
Podocarpus gracilior	Fern Pine
Stenocarpus sinuatus	Firewheel tree
Tristania conferta	Brisbane Box

BOTANICAL NAME	COMMON NAME
Evergreen Upright Buffer / Screen Trees	
Casuarina cunninghammiana	River She-Oak
Cedrus atlantica	Atlas Cedar
Cupressus Guadalupe ssp 'Greenlee's Blue Rocket'	Greenlee's Blue Rocket
Lyonothamnus floribundus 'asplenifolus'	Catalina Ironwood
Melaleuca Linarfolia	Paperbark Tree
Screen Buffer Trees	
Cupressus 'Lemon Yellow"	Yellow Cypress
Quercus agrifolia	Coast Live Oak
Quercus tomentosa	Island Live Oak
Umbellularia californica	California Bay
Flowering Accent Trees	
Aesculus californica	California Buckeye
Arbutus 'Marina'	Strawberry Tree
Cercis occidentalis	Western Redbud
Cercis renformis 'Texas White'	White Redbud
Lagunaria pattersonia	Primrose Tree
Spathodea campanulata	African Tulip Tree
x Chitapa tashkentiensis	Chitalpa
Palms (not shown)	
Trachycarpus excelsa	Windmill Palm
Brahea armata	Blue Hesper Palm
Butia capitata	Pindo Palm
Chamerops humilus	Mediterranean Fan Palm
Washintonia robusta	Mexican Fan Palm
Washintonia fel/fera	California Fan Palm

BOTANICAL NAME	COMMON NAME
Shrubs	
Arctostaphylos 'Howard McMinn'	Manzanita
Arctostaphylos 'John Dorley'	Manzanita
Arctostaphylos 'Pacific Mist'	Manzanita
Carpenteria californica	Bush Anemone
Ceanotnus 'Concha'	California Lilac
Ceanothus impressus	Mountain Lilac
Dendromecon rigida	Bush Poppy
Fremontodendron 'Ken Taylor'	Californinia Flannel Bush
Galvezia speciosa 'Boca Rosa'	Island Snapdragon
Malosma laurina	Laurel Sumac
Myrica californica	Pacific wax myrtle
Rhamnus californica 'Eve Case'	Coffeeberry
Rhamnus californica 'Mound San Bruno'	Coffeeberry
Rhomneya coulteri	Matilija Poppy
Rhus integrifolia	Lemonadeberry
Rhus ovata	Sugar Bush
Ribes spp	Currant
Rosa californica 'Elsie'	California Rose
Vines	
Ficus repens	Creeping Fig
Parthenocissus tricuspidata	Boston Ivy
Low Shrubs / Groundcovers	
Acacia redolens 'Desert Carpet'	
Arctostaphylos uva-ursi 'Green Supreme'	Manzanita
Baccharis piluaris 'Twin Peaks'	Dwarf Coyote Brush
Ceanothus gloriosus 'Anchor Bay'	Pt Reyes Ceanothus
Ceanothus griseus 'Yankee Point'	Carmel Creeper
Cotoneaster dammeri 'Lowfast'	Barberry
Rosmarinus 'Irene'	Rosemary
Trachelospermum asiatium	Asian Jasmine
Salvia Melifera 'Terra Seca'	Prostrate Black Sage

BOTANICAL NAME	COMMON NAME
Grasses and Grass like Plants	
Leymus condensatus	Giant Rye
Leymus condensatus 'Canyon Prince'	Wild Rye
Scirpus cernus	Low Bulrush
Calamagrostis foliosus	Mendocino Reed Grass
Carex tumuicia	Berkeley sedge
Muhlenbergia capillaris	Pink mushily
Muhlenbergia rigens	Deergrass
Muhlenbergia lindheimeri	Lindhiemers Muhly
Juncus patens	California Gray Rush
Sporobolus wrightii	Sacaton
Scirpus maritimus	Bulrush
Riparian Mitigation/Restoration	
Alnus rhombifolia	White Alder
Artemisia douglasiana	Mugwort
Baccharis douglasii	March Baccharis
Baccharis salicifolia	Mulefat
Cercis Occidentalis	Western Redbud
Euthamia occidentalis	Western goldenrod
Heteromeles Arbutufolia	Toyon
Mimulus aurianticus	Sticky Bush Monkeyflower
Platanus racemosa	California Sycamore
Populus balsamifera ssp. Tricolor	Balsam Poplar
Ribes speciosum	Fuchsia Flowered Gooseberry
Rosa Californica	California Rose
Rubinus ursinus	Pacific blackberry
Salix lasiolepis	Arroyo Willow
Sambucus mexicana	Elderberry
Scirpus maritimus	Bulrush
Iris Douglasiana	Pacific Coast Iris
Heuchera spp	Coral Bells

NORTH
NOT TO SCALE

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Conceptual Landscape Plan

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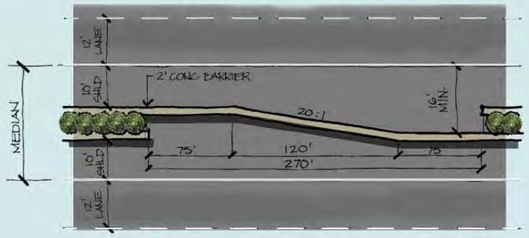
CALTRANS DISTRICT 5
MEDIAN LANDSCAPING



Maintenance Vehicle Pullout Area
Two Direction - Median

MEDIAN BARRIER - EXAMPLE COLOR, AND LAYOUT
Integral sandstone color
Smooth texture
Forms a median planter where conditions allow
8 feet wide at base, 5 feet of planting room

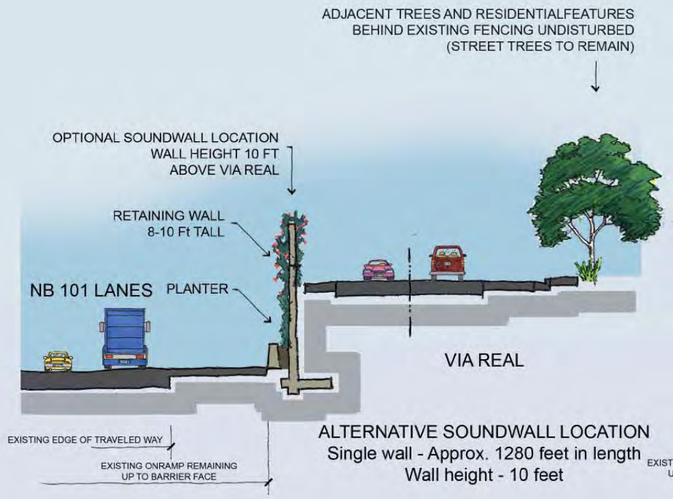
MEDIAN BARRIER AND PLANTING

FOR MODIFIED MEDIAN BARRIERS SOUTH OF CASITAS PASS RD.
MEDIAN NORTH OF CASITAS PASS IS NOT MODIFIED

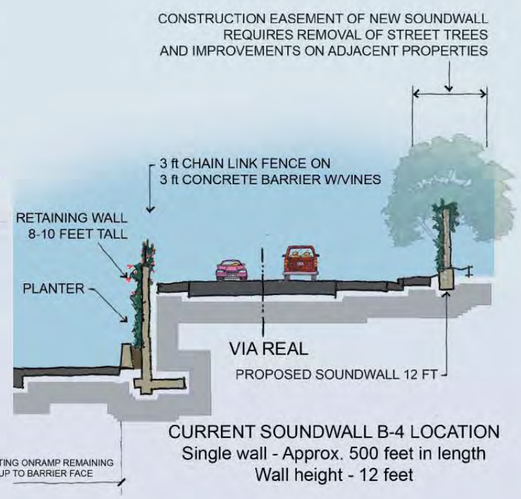
RETAINING WALL - EXAMPLE COLOR, TEXTURE AND CAP
Integral color - sandstone
Field texture - split face
Smooth cap with bevel and shadow line
Safety shape on base when adjacent to lanes

SOUNDWALL EXAMPLE
Typical 8 x 8 x 16 Concrete Block
Random mix of 4 colors,
Color to match barrier and retaining walls on project
Field texture - split face
Split face cap with shadow line

WALL AESTHETIC OPTIONS



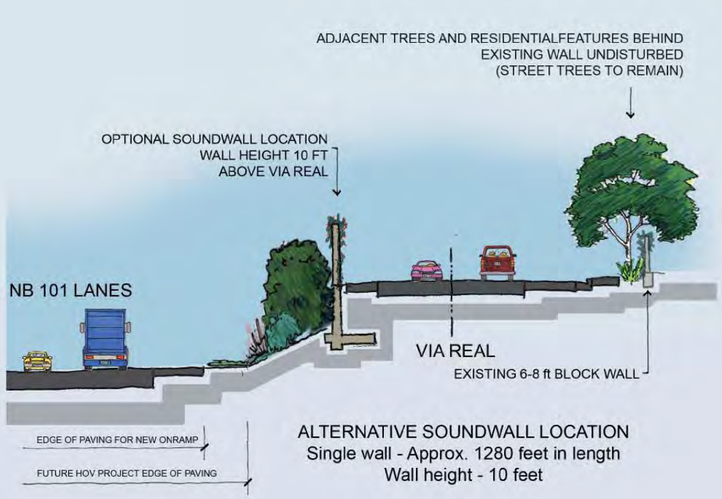
ALTERNATIVE SOUNDWALL LOCATION
Single wall - Approx. 1280 feet in length
Wall height - 10 feet



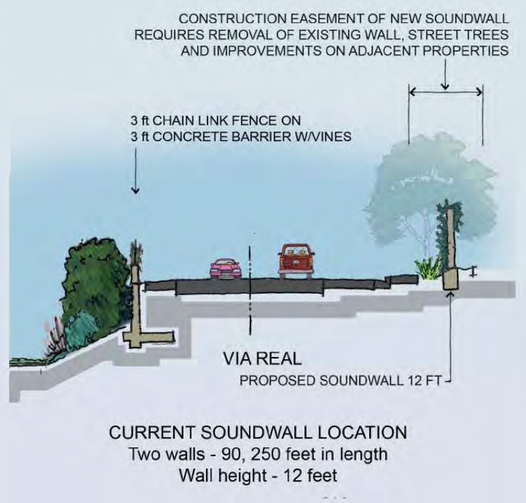
CURRENT SOUNDWALL B-4 LOCATION
Single wall - Approx. 500 feet in length
Wall height - 12 feet

VIA REAL SOUNDWALL LOCATION OPTIONS

At Retaining Wall 'F' Near Verizon Facility



ALTERNATIVE SOUNDWALL LOCATION
Single wall - Approx. 1280 feet in length
Wall height - 10 feet



CURRENT SOUNDWALL LOCATION
Two walls - 90, 250 feet in length
Wall height - 12 feet

VIA REAL SOUNDWALL LOCATION OPTIONS

At Retaining Wall 'D' - Near Vallecito Rd

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Site Details

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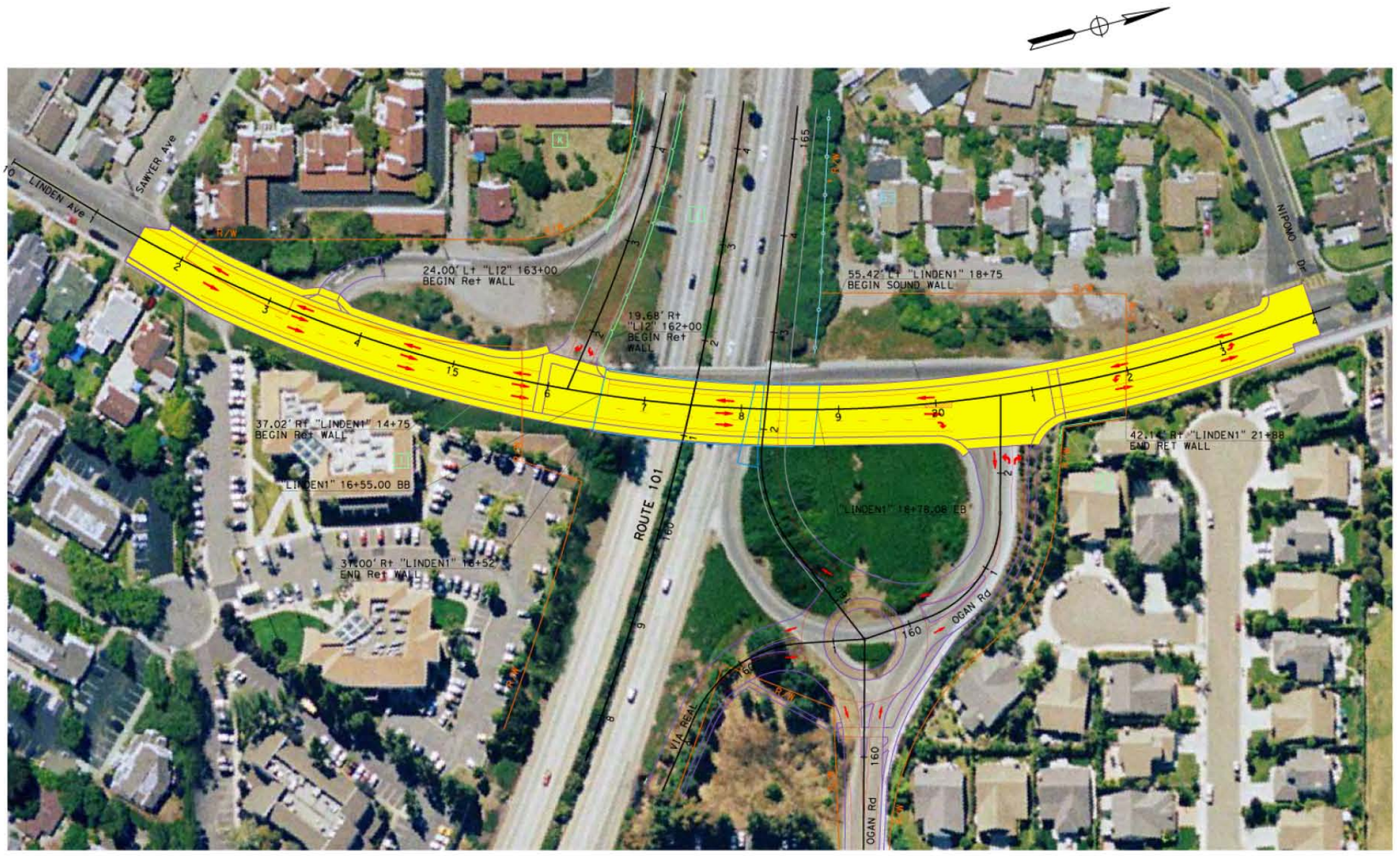
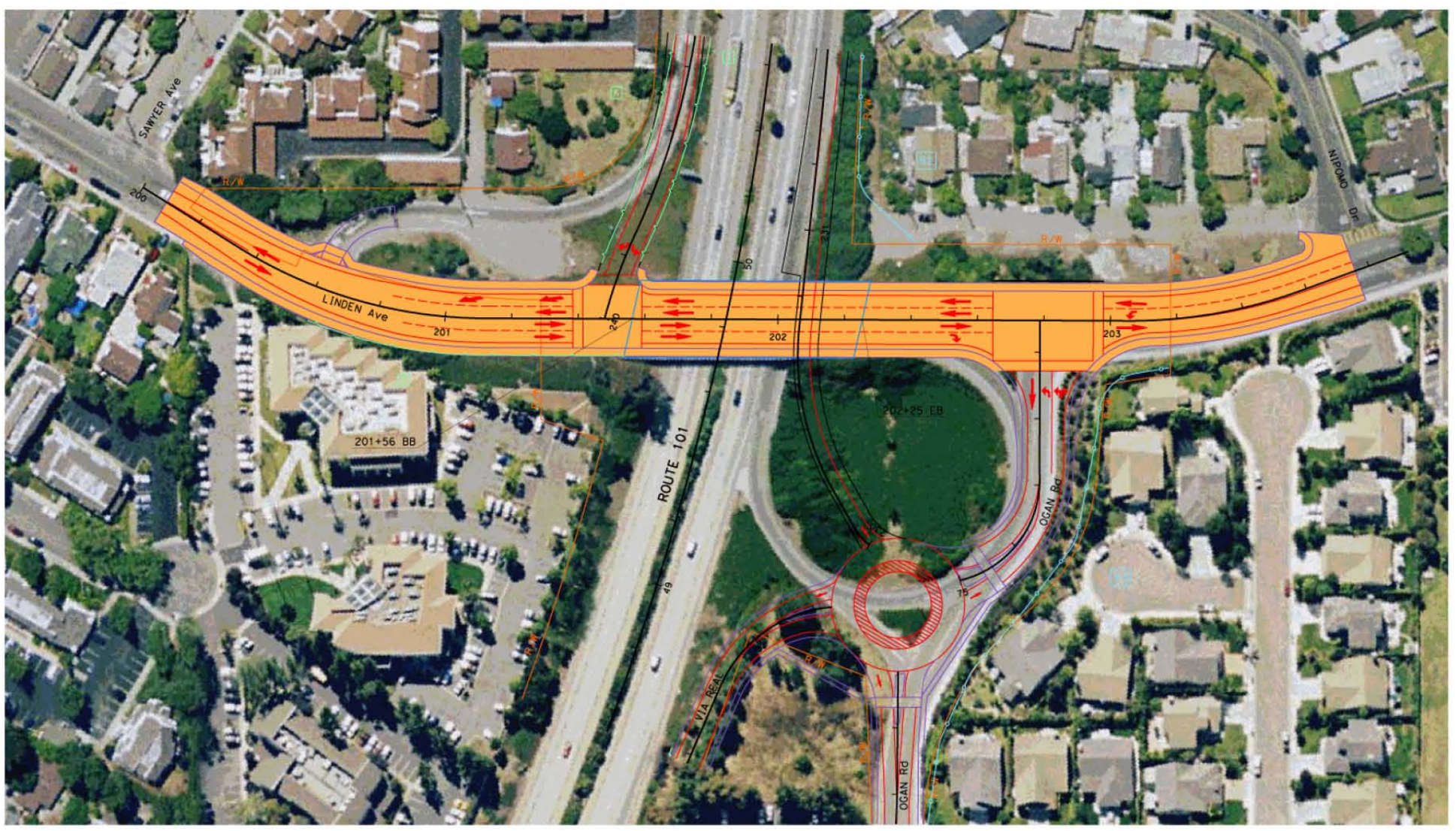
Project Changes-Linden Ave



LINDEN Ave OC NEW ALIGNMENT

NO SCALE



LINDEN Ave OC ORIGINAL ALIGNMENT

NO SCALE

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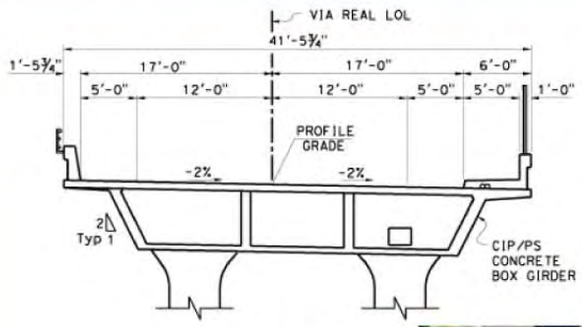
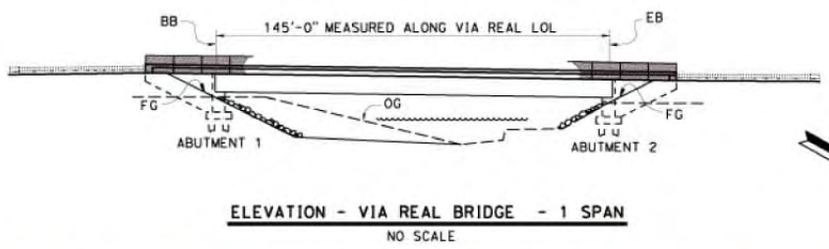
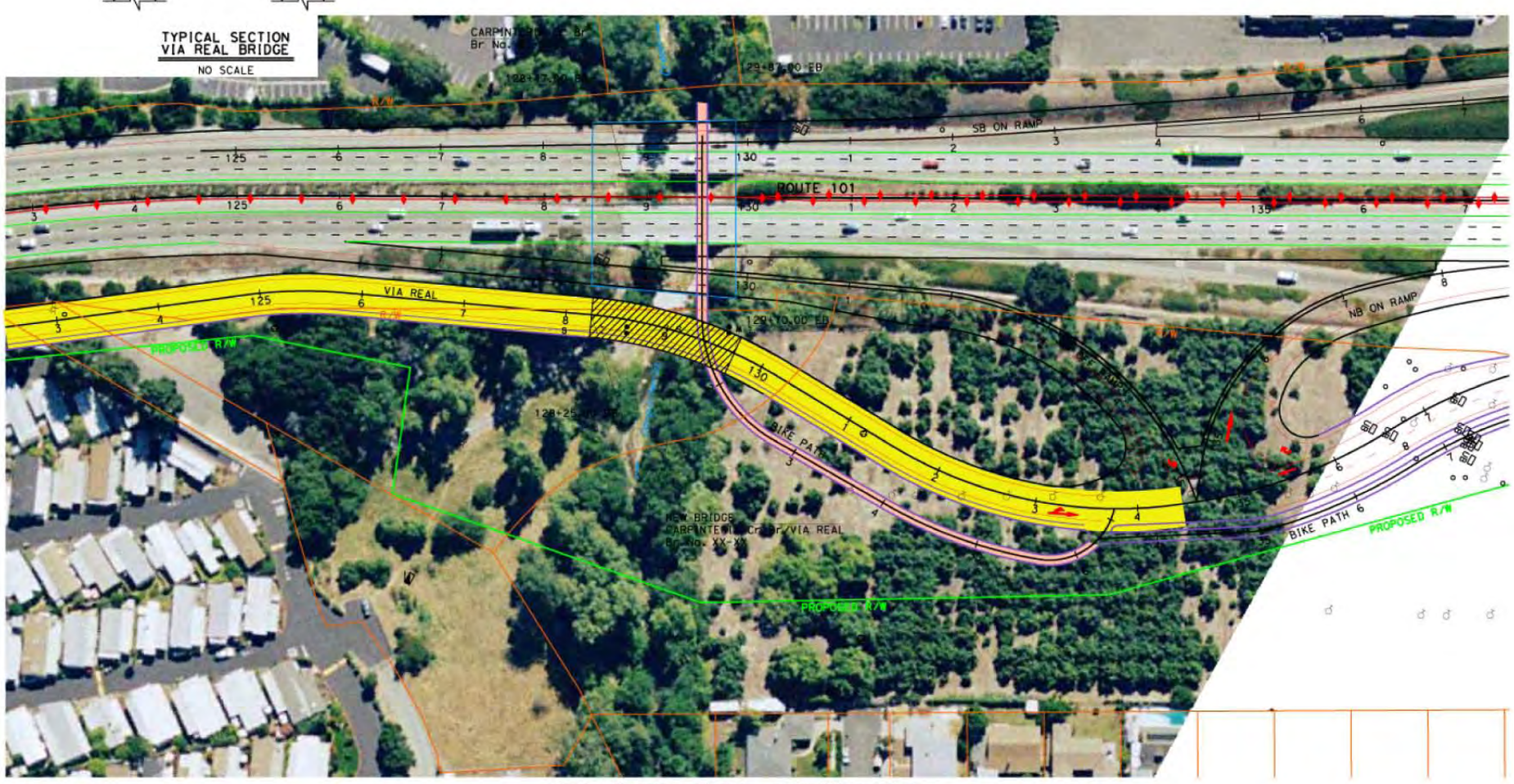
Project Changes-Via Real Ave



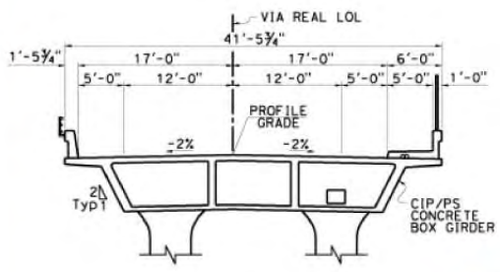
TYPICAL SECTION
VIA REAL BRIDGE
NO SCALE

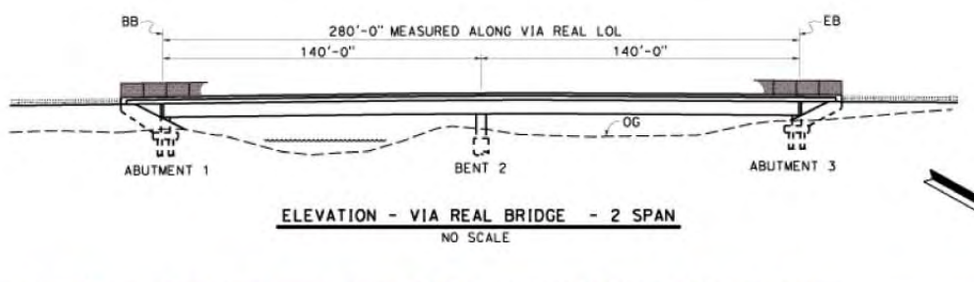


ELEVATION - VIA REAL BRIDGE - 1 SPAN
NO SCALE



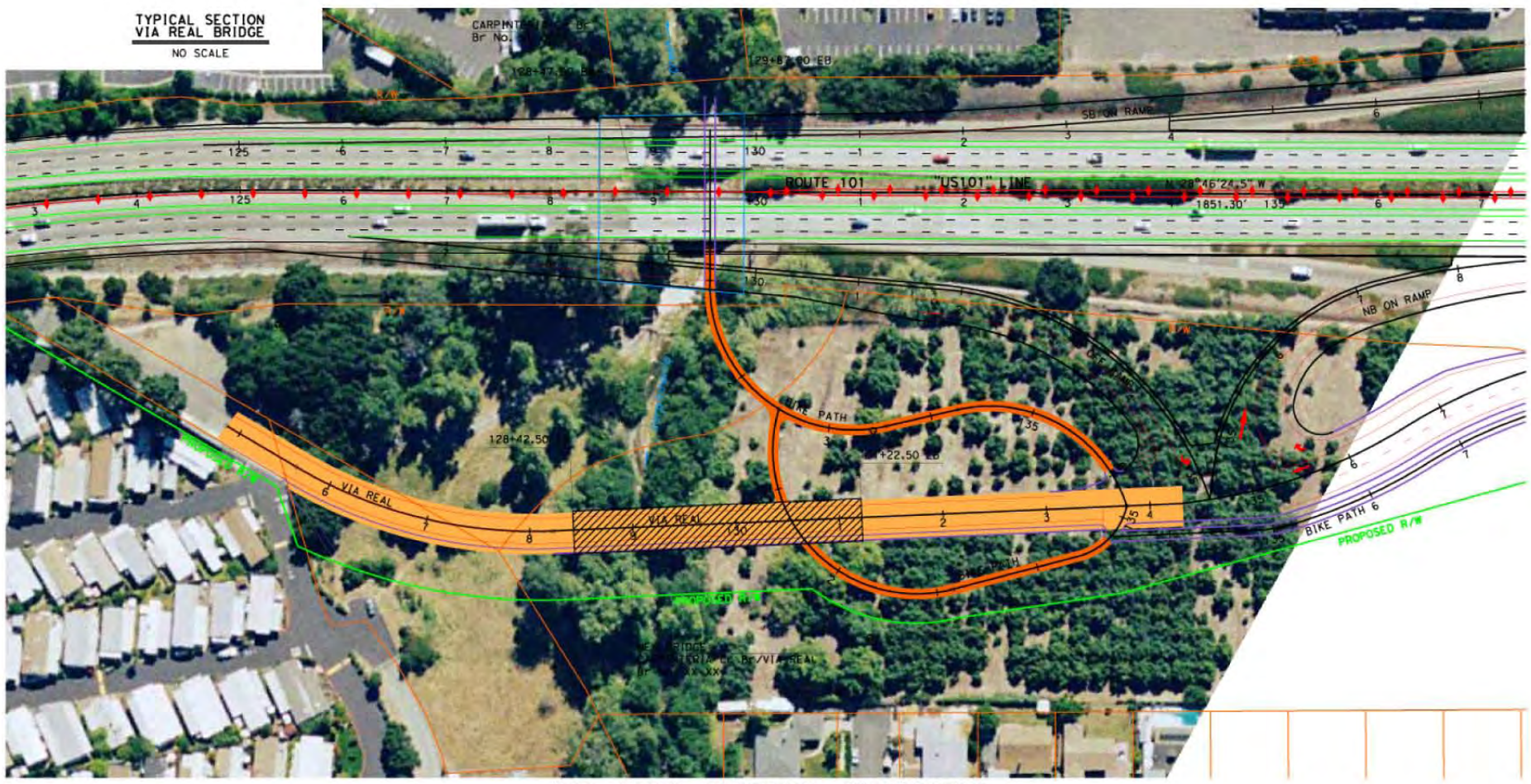
VIA REAL NEW ALIGNMENT
NO SCALE





ELEVATION - VIA REAL BRIDGE - 2 SPAN
NO SCALE

TYPICAL SECTION
VIA REAL BRIDGE
NO SCALE



VIA REAL ORIGINAL ALIGNMENT
NO SCALE

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Visual Simulations: Hwy 101

Visual simulation from Northbound 101 north of Vallecito Rd:

Current Soundwall Option:

Concrete Barrier with planter where width allows

8-10 ft Retaining wall

3 ft concrete barrier on retaining wall

3 ft chain link fence on barrier

Alternative Soundwall Option:

Concrete Barrier with planter where width allows

8-10 ft Retaining wall

4 ft concrete barrier on retaining wall

6 ft masonry soundwall on barrier

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Visual Simulations - Via Real

Visual simulation from Northbound Via Real south of Vallecito Rd:

Current Soundwall Option:

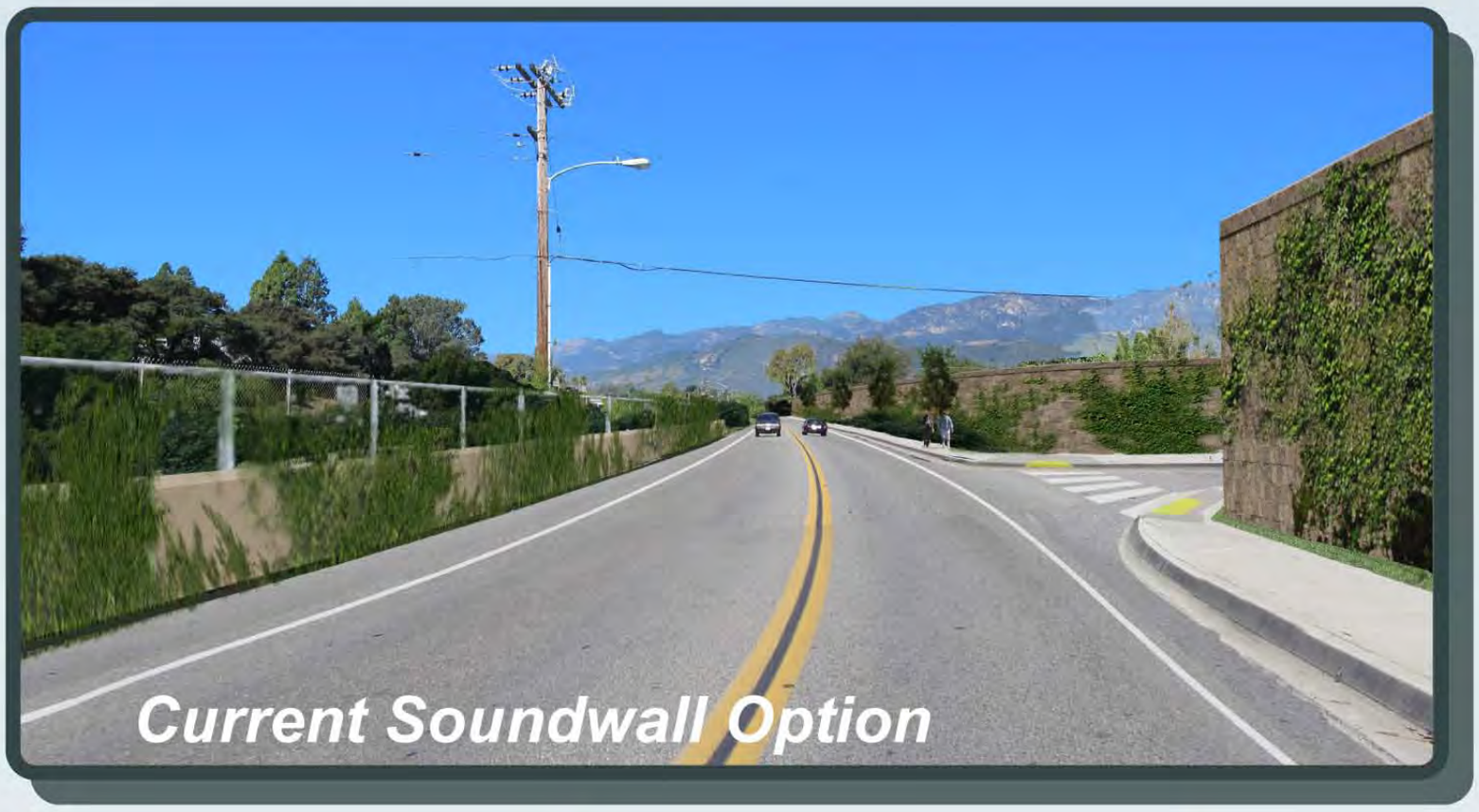
12 ft soundwall on north side of Via Real

Planting on and in front of soundwall

New sidewalks along north side of Via Real

3 ft concrete barrier on freeway side (only in foreground where retaining wall occurs)

3 ft chain link fence on barrier with vines



Alternative Soundwall Option:

New sidewalks along north side of Via Real

4 ft concrete barrier on freeway side (only in foreground where retaining wall occurs)

6 ft soundwall on barrier with vines. (total height of wall is 10 ft above Via Real)

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Bridge Aesthetics

US 101 Carpinteria Creek Bridge- Architectural Rendering

US 101 Carpinteria Creek Bridge simulation

Casitas Pass- Architectural Rendering

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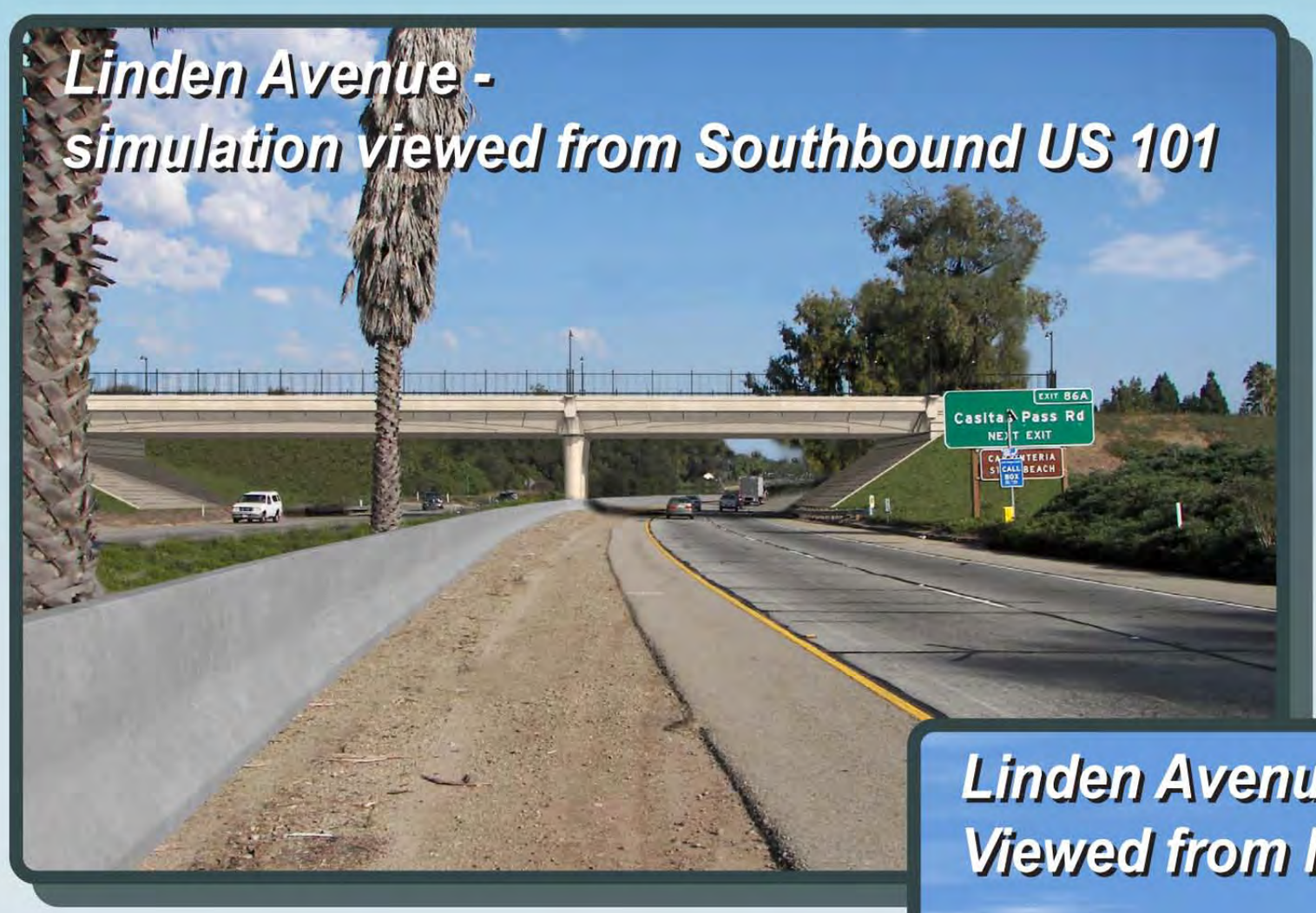
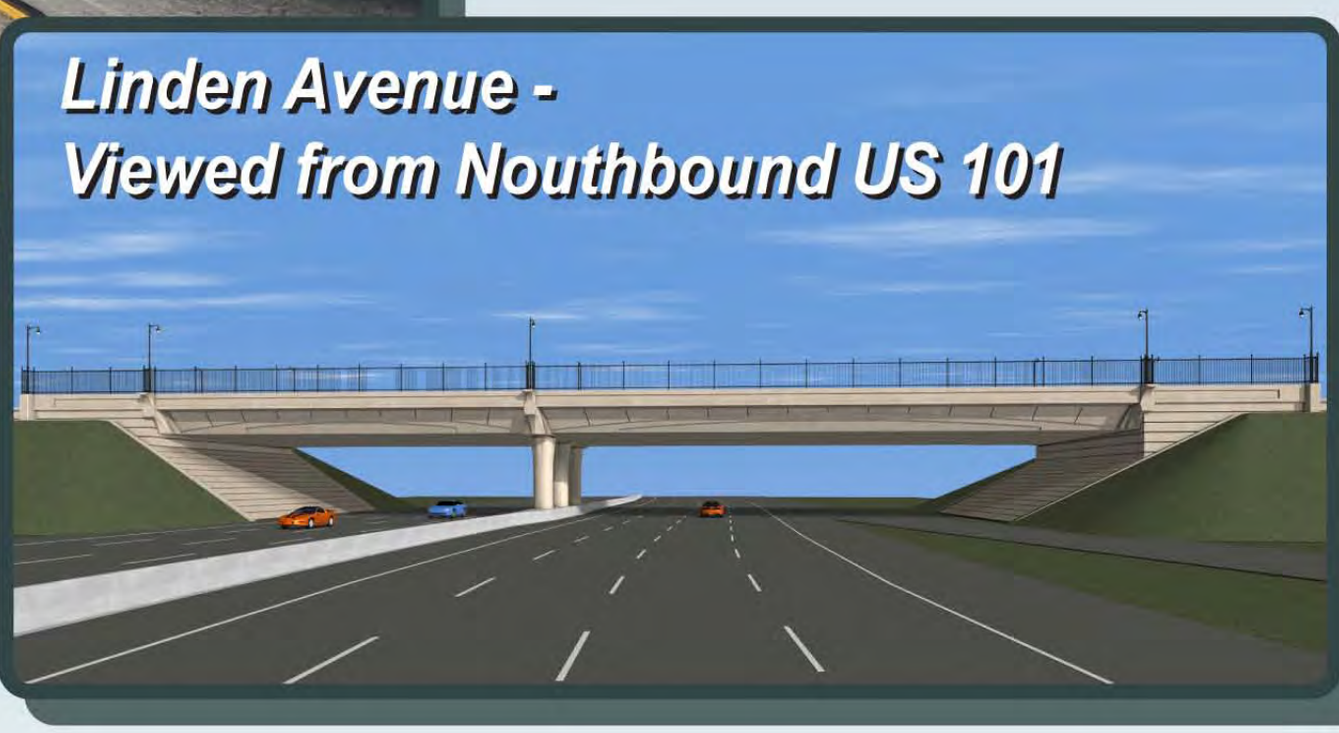
Bridge Aesthetics: Linden Ave



Linden Avenue -
simulation viewed from Southbound US 101



Linden Avenue -
Viewed from Nouthbound US 101

cross section of barrier, deck and light

column and light

Linden Avenue- Architectural Rendering

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