TORREY PINES ROAD CORRIDOR PROJECT

January 2011

HISTORY OF PROJECT

- In 2004, the Ad Hoc Torrey Pines Road Committee was formed. The Committee consisted of residents and members of various community organizations in La Jolla, and City's Transportation Planning Staff.

- The Ad Hoc Torrey Pines Road Committee met numerous times between November 8, 2004 and November 6, 2006. The Torrey Pines Corridor Study Report was completed in October 2007.

HISTORY CONTINUED

- On 12/2/08, Council Resolution R-304484 was passed accepting the recommendations in the Torrey Pines Corridor Study

- In 2009, City received Transnet Funds for $500, 000.00 for the design of Torrey Pines Road Improvements

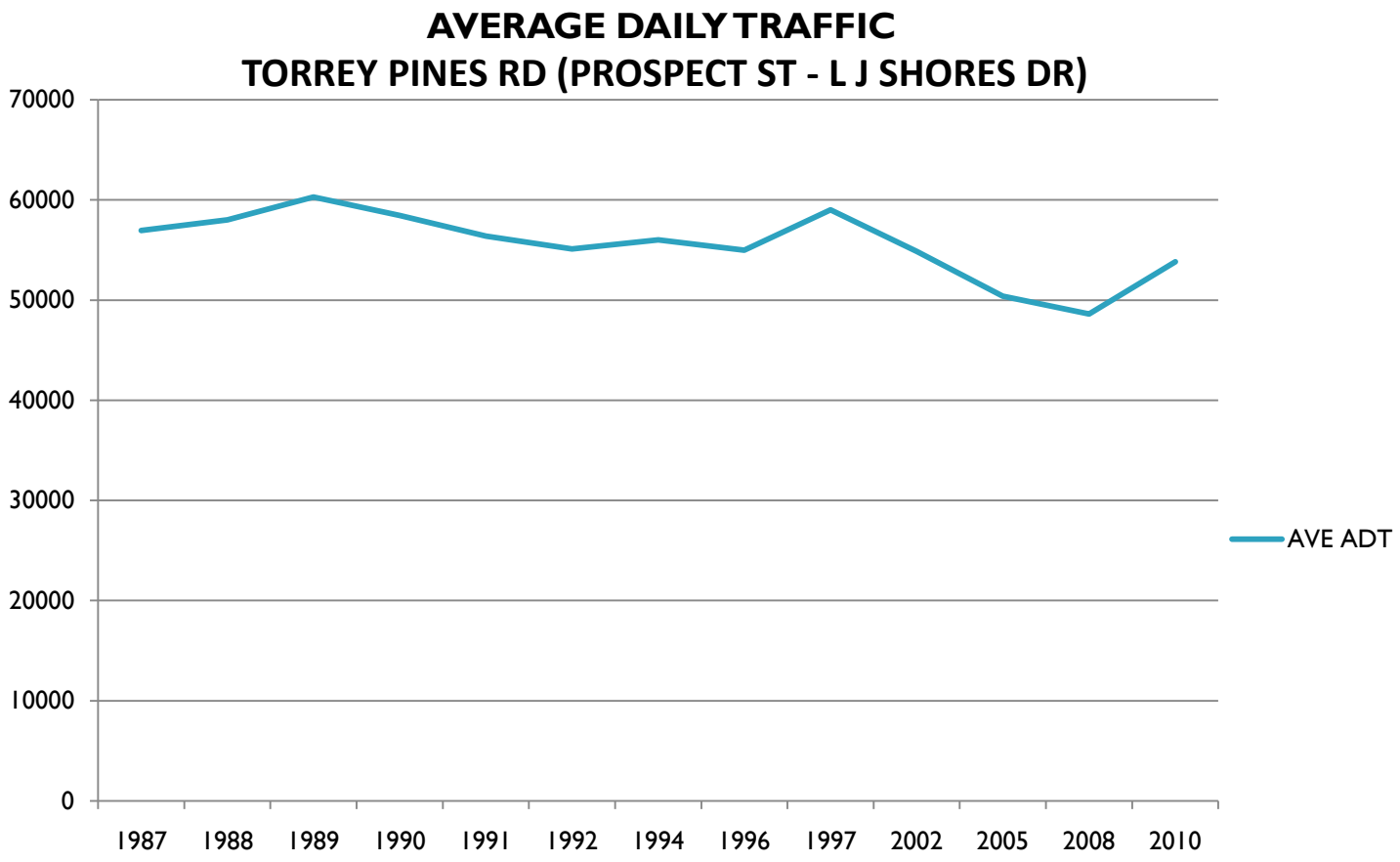
- **City budgeted additional $300,000.00 of TRANSNET funds for FY2011 to complete design.**

THE CORRIDOR STUDY

The Study identified 20 proposed recommendations on Torrey Pines Road including:

- Guardrails
- Sidewalks
- Medians
- Bike Lanes
- Transverse Striping
- Lighting
- Fences
- Drain Systems
- View Corridors
- Noise Reduction Pavement
- Retaining Walls

EXISTING CONDITIONS



ACCIDENT INFORMATION

Requestor: EXY

Accident Route and Street Segment Analysis Report

Date/Time: 1/10/11 14:04 Page 1 of 1

Date Range: 1/1/2009-12/31/2010

Street Name	Segment Limit 1		Segment Limit 2		Intrsn ID	Seg ID	CL	Distance (Miles)	ADT Volume	Vehicle Miles/Day	Num Acc	Rate (MVM)	Accidents/ Mile
TORREY PINES RD	PROSPECT	PL	COAST	WK	62349	61194	P	0.12	50,400	6,270	3	0.66	24.10
	COAST	WK	AMALFI	ST	62188	61195	P	0.10	50,400	5,010	1	0.27	10.10
	AMALFI	ST	PRINCESS	ST	62108	61196	P	0.01	50,400	650	0	0.00	0.00
	PRINCESS	ST	HILLSIDE / VIKING	DR	62023	61183	P	0.06	50,400	2,903	0	0.00	0.00
	HILLSIDE / VIKING	DR	ST LOUIS	TR	61931	61201	P	0.07	50,400	3,533	2	0.78	28.50
	ST LOUIS	TR	LITTLE	ST	61873	61202	P	0.07	50,400	3,493	2	0.78	28.90
	LITTLE	ST	BOULEVARD	PL	61858	61200	P	0.03	50,400	1,688	0	0.00	0.00
	BOULEVARD	PL	ROSELAND (W)	DR	61849	61198	P	0.10	50,400	5,136	0	0.00	0.00
	ROSELAND (W)	DR	ROSELAND (E)	DR	61855	61203	P	0.01	50,400	610	0	0.00	0.00
	ROSELAND (E)	DR	CALLE DE LA PLATA		61850	61199	P	0.06	50,400	2,979	0	0.00	0.00
	CALLE DE LA PLATA		LA JOLLA SHORES WB	DR	61810	61207	P	0.01	50,400	438	0	0.00	0.00
	LA JOLLA SHORES WB	DR	CALLE JUELA		61803	61206	P	0.04	55,400	2,078	1	0.66	26.70
	CALLE JUELA		TORREY PINES / LA JOLLA SHORES DR	LN	61760	61205	P	0.05	55,400	2,831	0	0.00	0.00
	TORREY PINES / LA JOLLA SHORES DR	LN			61740	61204	P	0.07	55,400	3,651	0	0.00	0.00
Totals:								0.80		41,270	9	**0.30**	11.30

Total Rate = **0.30** = $\frac{9 \text{ Accident(s) X 1 Million}}{41270 \text{ Veh Miles / Day X 730 Days / Year}}$

Days in Date Range = 730

Vehicle Miles / Year = 41270 Veh Miles / Day X 730 Days = 30,127,100

RATE: 0.30 MVM

MVM=Million Vehicle Miles

SPEED SURVEY

Daily Speed Report

Prepared by: National Data & Surveying Services

City of San Diego

Date: Tuesday, 2/2/2010

Project # : 10-4019-001e

Location: T Pines Rd (Amalfi St - St Louis Tr)

File#: SP009-10

East Bound

	5	15	20	25	30	35	40	45	50	55	60	65	70	
Time	14	19	24	29	34	39	44	49	54	59	64	69	74+	Total
00:00 AM	0	0	0	3	15	49	40	27	7	3	0	0	0	144
01:00	0	0	0	0	5	25	18	15	3	1	0	0	0	67
02:00	0	0	0	0	1	5	9	3	1	0	1	0	0	20
03:00	0	0	0	0	3	7	9	6	2	2	1	0	0	30
04:00	0	0	0	0	3	12	16	15	3	0	0	0	0	49
05:00	0	0	0	1	21	35	38	46	20	3	0	0	0	164
06:00	0	1	0	10	36	58	150	127	61	20	1	0	0	464
07:00	0	3	5	14	74	366	660	303	106	15	3	0	0	1549
08:00	0	2	6	9	68	424	611	392	87	11	3	0	0	1613
09:00	1	3	2	15	79	417	527	268	58	5	2	0	0	1377
10:00	2	2	2	11	171	470	497	239	42	4	0	0	0	1440
11:00	0	1	1	13	105	548	530	193	66	3	1	0	0	1461
12:00 PM	0	1	1	9	116	561	594	261	55	6	1	0	0	1605
13:00	1	1	2	11	124	604	647	238	45	10	0	0	0	1683
14:00	0	1	3	14	271	790	689	188	31	5	0	0	0	1992
15:00	269	282	354	152	288	369	152	43	9	2	0	0	0	1920
16:00	64	53	40	68	217	726	647	173	18	8	0	0	0	2014
17:00	90	150	192	232	387	612	402	95	11	3	0	0	0	2174
18:00	0	1	2	11	168	557	504	170	41	8	0	0	0	1462
19:00	0	0	2	8	69	303	354	175	38	5	1	0	0	955
20:00	0	0	1	8	40	251	369	148	32	6	0	0	0	855
21:00	0	0	1	8	46	157	224	142	33	4	1	0	0	616
22:00	0	0	0	3	34	112	171	108	28	9	1	0	0	466
23:00	0	0	1	2	24	66	94	55	13	2	0	0	0	257
Totals	427	501	615	602	2365	7524	7952	3430	810	135	16			24377
% of Totals	2%	2%	3%	2%	10%	31%	33%	14%	3%	1%	0%			100%
% AM	0%	0%	0%	0%	2%	10%	13%	7%	2%	0%	0%			34%
AM Peak Hour	10:00	07:00	08:00	09:00	10:00	11:00	07:00	08:00	07:00	06:00	07:00			08:00
Volume	2	3	6	15	171	548	660	392	106	20	3			1613
% PM	2%	2%	2%	2%	7%	21%	20%	7%	1%	0%	0%			66%
PM Peak Hour	15:00	15:00	15:00	17:00	17:00	14:00	14:00	12:00	12:00	13:00	12:00			17:00
Volume	269	282	354	232	387	790	689	261	55	10	1			2174

Average Speed	50th Percentile	85th Percentile
39.2	40	46

Average Speed	50th Percentile	85th Percentile
39.2	40	46

TRANSVERSE STRIPING

Before:
Average Speed: 39.1 mph
85th Percentile: 45 mph

After:
Average Speed: 39.2
85th Percentile: 46 mph

There was no significant change since the installation of the transverse striping.

TRAN CONSULTING ENGINEERS

- In February 8, 2010, City retained Tran Consulting Engineers for $167,149.00 to prepare a feasibility analysis, preliminary design, surveys, layout of proposed improvements, project phasing, environmental constraints, and construction cost estimates
- Status of Contract
  - Contract amount: $167,149.00
  - Balance as of January 2011: $30,853.00
  - 83% Complete

- Reports:
  - Technical Memorandum for Fence
  - Technical Memorandum for View Corridor Consideration
  - Technical Memorandum for Retaining Wall Consideration
  - Technical Memorandum for Trees
  - Technical Memorandum for Guardrails and Bollards
  - Technical Memorandum for Median Options
  - Project Scheduling
  - Project Phasing

Estrada Land Planning

On July 27, 2010, City retained Estrada Land Planning, a landscape architect, to provide a computer simulation to help illustrate concepts for the proposed improvements to the community.

- Deliverables:
  - Aerial Maps
  - Displays/Exhibits
  - Cross Section
  - Graphics Design
  - Computer Simulation

- Status of Contract
  - Contract Amount: $49,900.00
  - Balance as of January 2011: $0.00
  - Status of project: 100% Complete

LSA ASSOCIATES

On October 11, 2010, the City's Transportation Engineering Operations awarded a contract to LSA Associates, an environmental consultant to provide the following:

- Task 1: A record search for prehistoric and historic sites within a ¼ mile radius of the project
- Task 2: Constraints Analysis
- Task 3: Archeological Testing Program Development
- Task 4: Implementation of approved archeological testing plan
- Task 5: Discovery/Curation
- Task 6: Test results and test program recommendation

Deliverables:

- Environmental Analysis Study

Status of contract:

Total Cost: $52,320.00

Task 1 & 2 completed: $3,680.00

ENVIRONMENTAL ANALYSIS

This study identified areas along the Torrey Pines Corridor Project where highly sensitive archaeological resources could potentially be present, and depending on the project elements, whether or not those resources could be impacted during construction of the project. The constraints study has been completed.

Recommendation:

- Archaeological Testing during Design Phase or prior to Construction Phase
- Archaeological Data Recovery Program

Next Step:

- Submit City Site Development Permit
- Submit project to City's Development Services Department for CEQA

Design and Construction

Phasing the project over a somewhat longer time period will stagger funding, allowing the project to be properly budgeted by the City without significantly affecting other important public improvements in the City.

Current total cost estimate for Torrey Pines Road Improvements is $26,500,000.00.

Segments were defined based on the estimated costs and identified as follows:

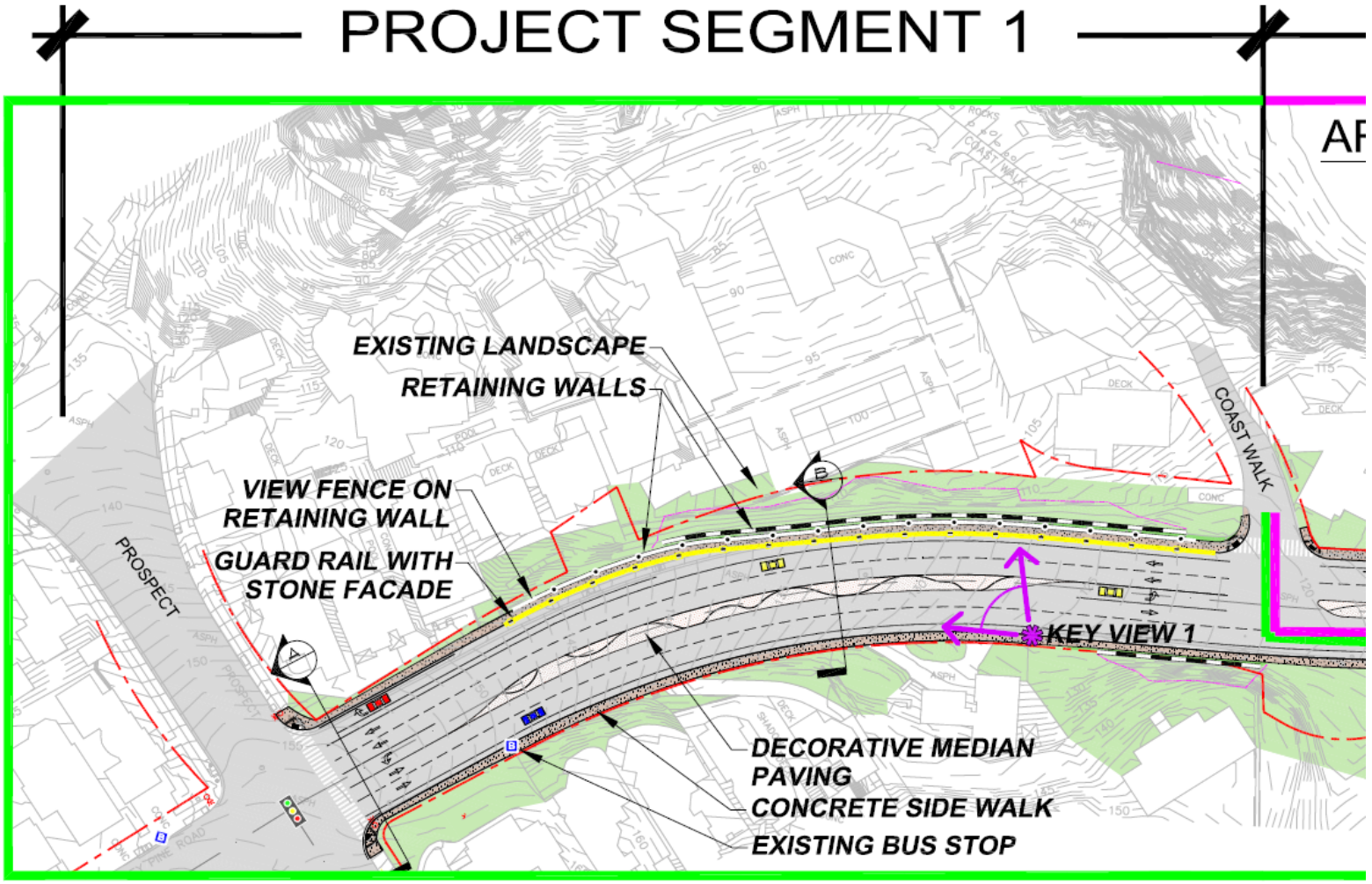
Segment1: Prospect Street to Coast Walk

Segment 2: Coast Walk to Viking Way/Hillside Drive

Segment 3: Viking Way/Hillside Drive to Little Street

Segment 4: Little Street to La Jolla Shores Drive

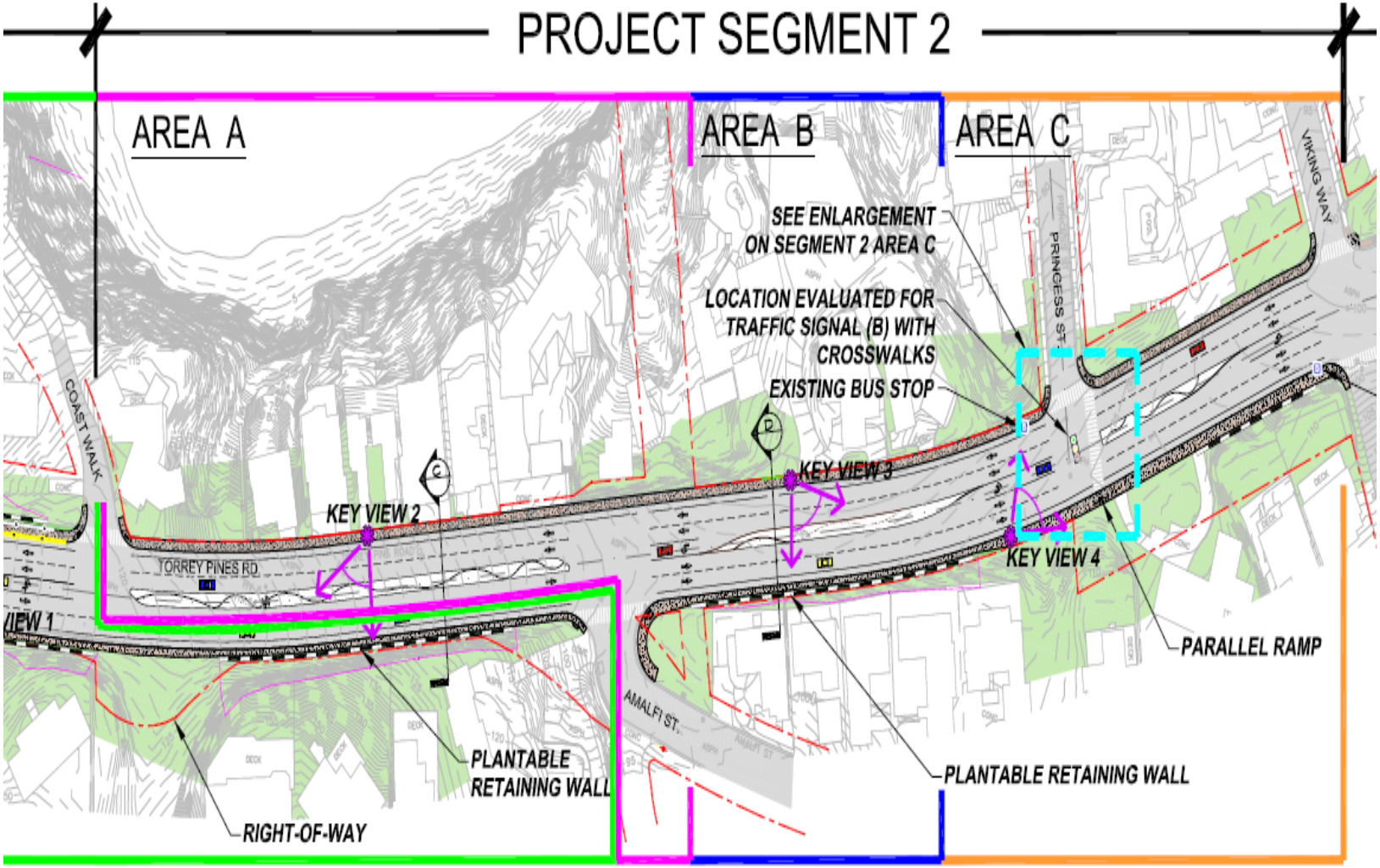
Segment 1
Prospect Place to Coast Walk



Torrey Pines Road Segment 1

- Retaining Wall (Soil Nail)
- Requisition of ROW
- Decorative Medians
- Sidewalks
- Guardrails
- Paving
- Fence

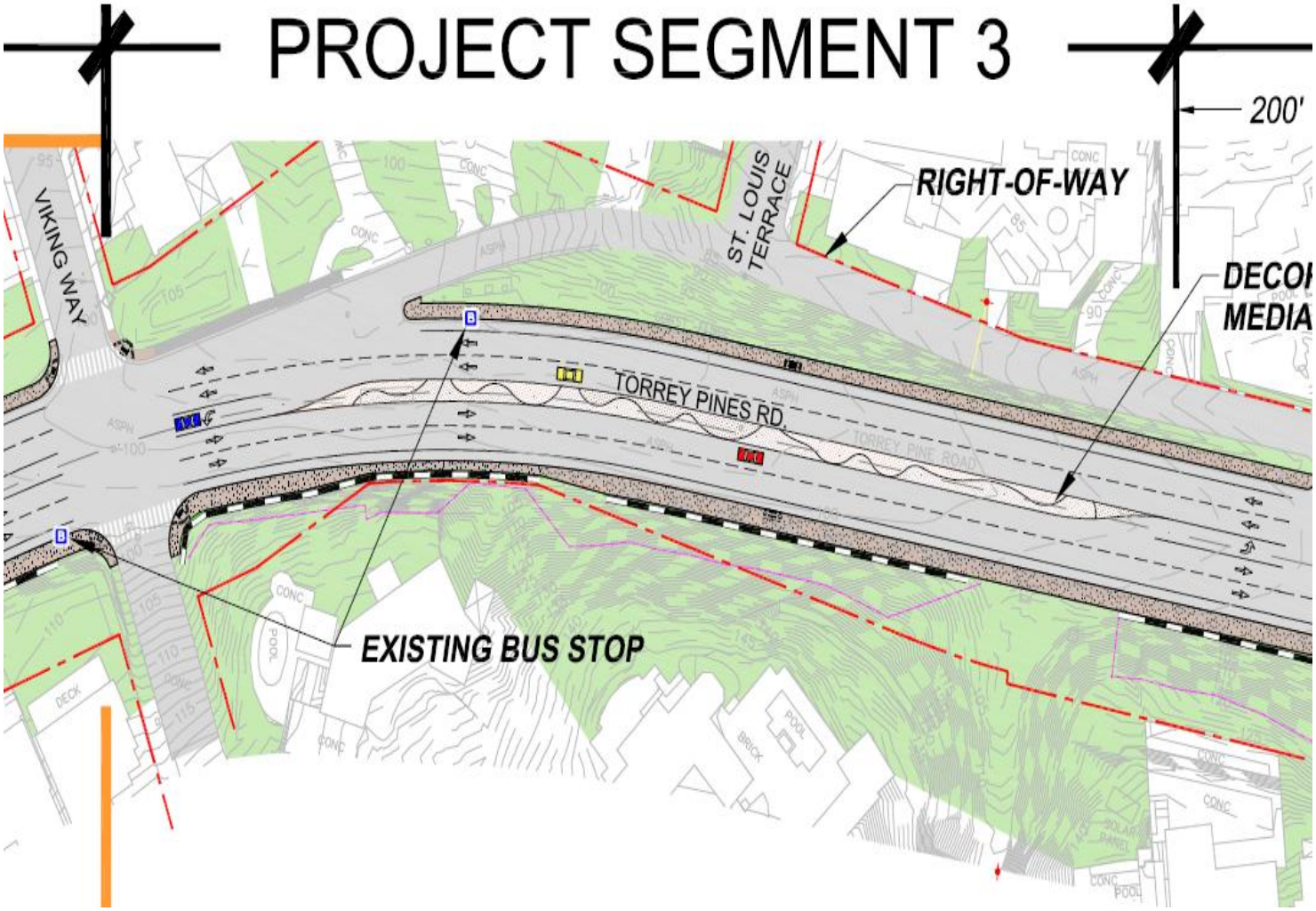
Segment 2
Coast Walk to Hillside Drive



Torrey Pines Road Segment 2

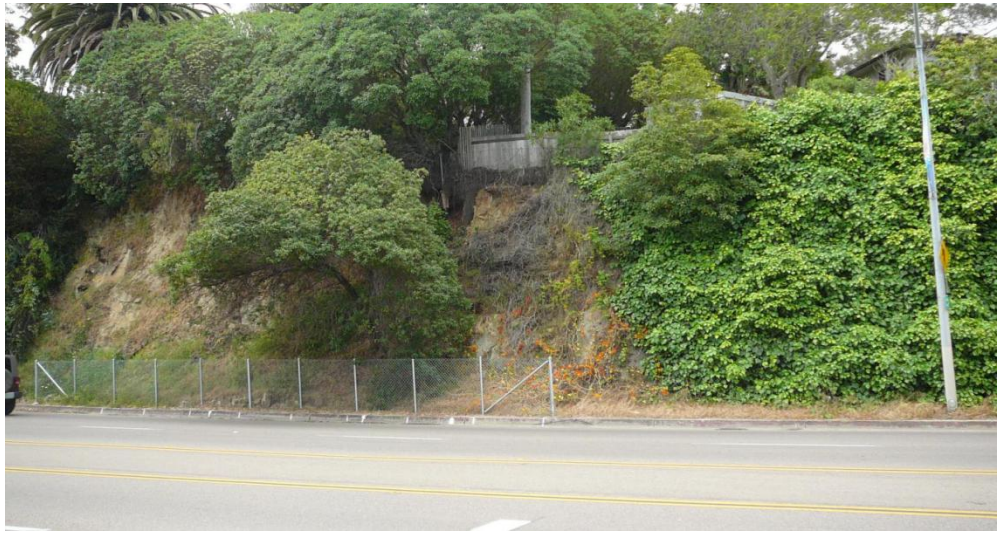
- Retaining Wall (Plantable)
- Land Acquisition
- Signal
- Sidewalk
- Median
- Fence

Segment 3
Hillside Drive to Little Street

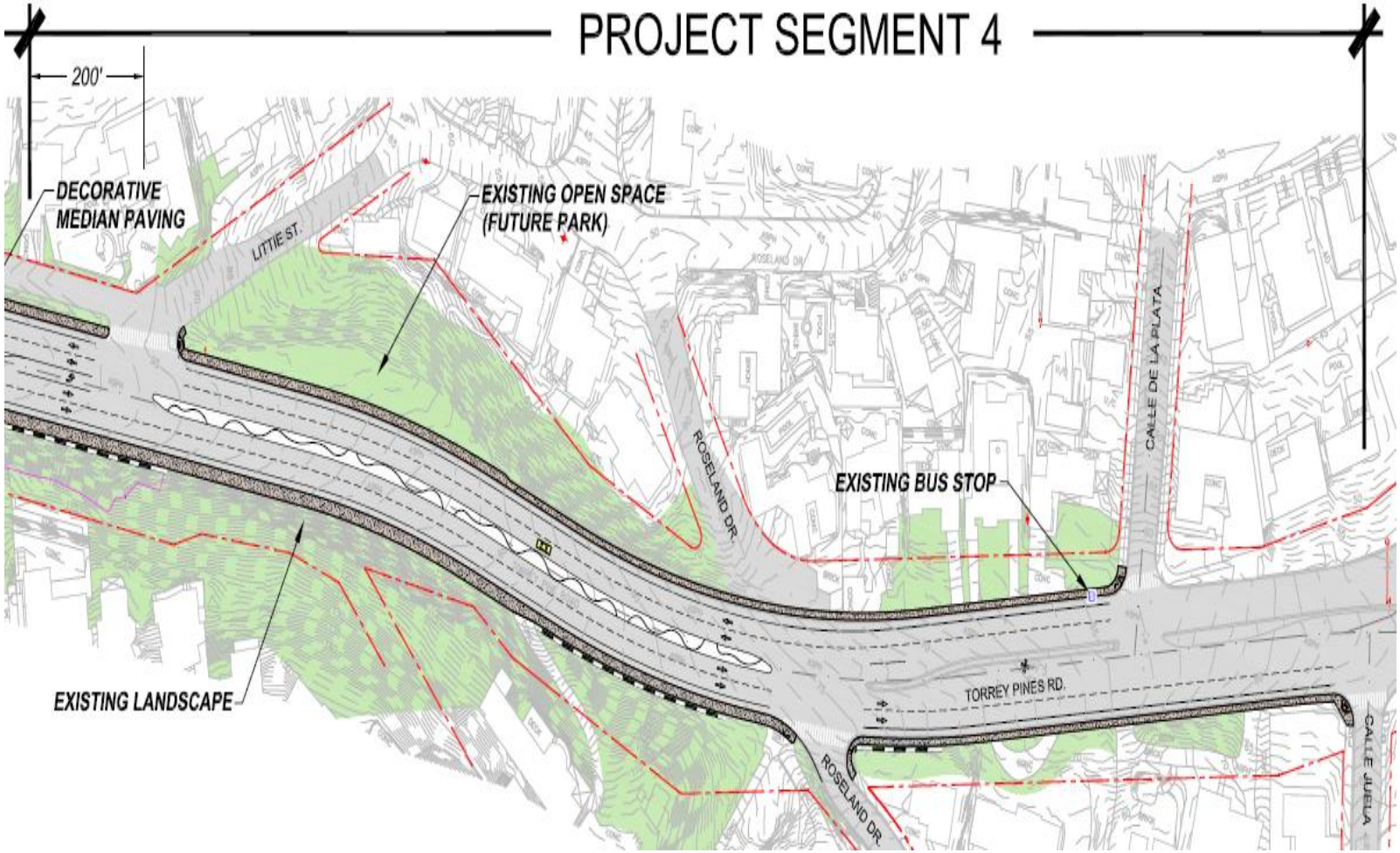


Torrey Pines Road Segment 3

- Retaining Wall (Soil Nail)
- Retaining Wall (Plantable)
- Land Acquisition
- Decorative Median
- Sidewalks
- Fence



Segment 4
Little Street to La Jolla Shores Drive



Torrey Pines Road Segment 4

- Decorative Median
- Sidewalks
- Retaining Wall
- Fence

SEGEMENT 1 COST ESTIMATES

Segment	Approx. Stations	Description	Design Concept	Cost Estimate
1	10+00 – 16+80	Prospect St to Coast Walk	❖Retaining Wall (Soil Nail) ❖Decorative Medians ❖Sidewalks ❖Guardrails ❖Fence ❖Requisition of ROW	Construct. : $5.5 Mil Soft Cost: $1.2 Mil Land Acq: $ 700K **Total $7.4 Mil***
2	16+80 – 29+50	Coast Walk to Viking Way/ Hillside Dr	❖Retaining Wall (Plantable) ❖Fence ❖Signal ❖Sidewalk	Construct.: $5.0 Mil Soft Cost: $1.1 Mil Land Acq. $400K **Total: $ 6.5 Mil***
3	29+50 – 35+00	Viking Way/ Hillside Dr to Little St	❖Retaining Wall (Plantable) ❖Retaining Wall (Soil Nail) ❖Fence ❖Sidewalk ❖Median	Construct. $5.4 Mil Soft Cost $1.1 Mil Land Acq. : $300K **Total: $6.8 Mil***
4	35+00 – 53+00	Little St to La Jolla Shores Dr	❖Retaining Wall (Plantable) ❖Fence ❖Sidewalk ❖Median	Construct. $4.7 Mil Soft Cost: $1.1 Mil Land Acq. : $0 **Total: $5.8 Mil***

*Amount was rounded off to the nearest tenths.

SEGMENT 2 COST ESTIMATES

Segment	Approx. Stations	Description	Design Concept	Cost Estimate
1	10+00 – 16+80	Prospect St to Coast Walk	❖Retaining Wall (Soil Nail) ❖Decorative Medians ❖Sidewalks ❖Guardrails ❖Fence ❖Requisition of ROW	Construct. : $5.5 Mil Soft Cost: $1.2 Mil Land Acq: $ 700K **Total $7.4 Mil***
2	16+80 – 29+50	Coast Walk to Viking Way/ Hillside Dr	❖Retaining Wall (Plantable) ❖Fence ❖Signal ❖Sidewalk	Construct.: $5.0 Mil Soft Cost: $1.1 Mil Land Acq. $400K **Total: $ 6.5 Mil***
3	29+50 – 35+00	Viking Way/ Hillside Dr to Little St	❖Retaining Wall (Plantable) ❖Retaining Wall (Soil Nail) ❖Fence ❖Sidewalk ❖Median	Construct. $5.4 Mil Soft Cost $1.1 Mil Land Acq. : $300K **Total: $6.8 Mil***
4	35+00 – 53+00	Little St to La Jolla Shores Dr	❖Retaining Wall (Plantable) ❖Fence ❖Sidewalk ❖Median	Construct. $4.7 Mil Soft Cost: $1.1 Mil Land Acq. : $0 **Total: $5.8 Mil***

*Amount was rounded off to the nearest tenths.

SEGMENT 3 COST ESTIMATES

Segment	Approx. Stations	Description	Design Concept	Cost Estimate
1	10+00 – 16+80	Prospect St to Coast Walk	❖Retaining Wall (Soil Nail) ❖Decorative Medians ❖Sidewalks ❖Guardrails ❖Fence ❖Requisition of ROW	Construct. : $5.5 Mil Soft Cost: $1.2 Mil Land Acq: $ 700K **Total $7.4 Mil***
2	16+80 – 29+50	Coast Walk to Viking Way/ Hillside Dr	❖Retaining Wall (Plantable) ❖Fence ❖Signal ❖Sidewalk	Construct.: $5.0 Mil Soft Cost: $1.1 Mil Land Acq. $400K **Total: $ 6.5 Mil***
3	29+50 – 35+00	Viking Way/ Hillside Dr to Little St	❖Retaining Wall (Plantable) ❖Retaining Wall (Soil Nail) ❖Fence ❖Sidewalk ❖Median	Construct. $5.4 Mil Soft Cost: $1.1 Mil Land Acq. : $300K **Total: $6.8 Mil***
4	35+00 – 53+00	Little St to La Jolla Shores Dr	❖Retaining Wall (Plantable) ❖Fence ❖Sidewalk ❖Median	Construct. $4.7 Mil Soft Cost: $1.1 Mil Land Acq. : $0 **Total: $5.8 Mil***

*Amount was rounded off to the nearest tenths.

SEGMENT 4 COST ESTIMATES

Segment	Approx. Stations	Description	Design Concept	Cost Estimate
1	10+00 – 16+80	Prospect St to Coast Walk	❖Retaining Wall (Soil Nail) ❖Decorative Medians ❖Sidewalks ❖Guardrails ❖Fence ❖Requisition of ROW	Construct. : $5.5 Mil Soft Cost: $1.2 Mil Land Acq: $ 700K **Total $7.4 Mil***
2	16+80 – 29+50	Coast Walk to Viking Way/ Hillside Dr	❖Retaining Wall (Plantable) ❖Fence ❖Signal ❖Sidewalk	Construct.: $5.0 Mil Soft Cost: $1.1 Mil Land Acq. $400K **Total: $ 6.5 Mil***
3	29+50 – 35+00	Viking Way/ Hillside Dr to Little St	❖Retaining Wall (Plantable) ❖Retaining Wall (Soil Nail) ❖Fence ❖Sidewalk ❖Median	Construct. $5.4 Mil Soft Cost: $1.1 Mil Land Acq. : $300K **Total: $6.8 Mil***
4	35+00 – 53+00	Little St to La Jolla Shores Dr	❖Retaining Wall (Plantable) ❖Fence ❖Sidewalk ❖Median	Construct. $4.7 Mil Soft Cost: $1.1 Mil Land Acq. : $0 **Total: $5.8 Mil***

*Amount was rounded off to the nearest tenths.

SEGMENT 1 Alternative

Segment	Approx. Stations	Description	Design Concept	Cost Estimate
1	10+00 – 16+80	Prospect St to Coast Walk	❖Retaining Wall (Soil Nail) ❖Decorative Medians ❖Sidewalks ❖Guardrails ❖Fence ❖Requisition of ROW	Construct. : $5.5 Mil Soft Cost: $1.2 Mil Land Acq: $ 700K **Total $7.4 Mil***
2	16+80 – 29+50	Coast Walk to Viking Way/Hillside Dr	❖Retaining Wall (Plantable) ❖Fence ❖Signal ❖Sidewalk	Construct.: $2.4 Mil Soft Cost: $625K Land Acq. $ 400K **Total: $ 6.5 Mil***
3	29+50 – 35+00	Viking Way/Hillside Dr to Little St	❖Retaining Wall (Plantable) ❖Retaining Wall (Soil Nail) ❖Fence ❖Sidewalk ❖Median	Construct. $5.4 Mil Soft Cost: $1.1 Mil Land Acq. : $300K **Total: $6.8 Mil***
4	35+00 – 53+00	Little St to La Jolla Shores Dr	❖Retaining Wall (Plantable) ❖Fence ❖Sidewalk ❖Median	Construct. $4.7 Mil Soft Cost: $1.1 Mil Land Acq. : $0 **Total: $5.8 Mil***
1 Alternative	10+00 – 21+30	Segment 1 plus Prospect St to Amalfi St-southside only	❖Retaining Wall (Soil Nail) ❖Decorative Medians ❖Sidewalks ❖Guardrails ❖Fence ❖Requisition of ROW	Construct. $8.1 Mil Soft Cost: $ 1.7 Mil Land Acq. :$700K **Total: $ 10.5 Mil***
Segment 2 (revised) with Segment 1 Alternative scenario	16+80-29+50	Coast Walk to Viking Way/Hillside Drive	❖Retaining Wall ❖Fence ❖Signal	Construct.: $2.4 Mil Soft Cost: $ 600K Land Acq.: $400K **Total: $3.4 Mil***

*Amount was rounded off to the nearest tenths.

Constructability Analysis

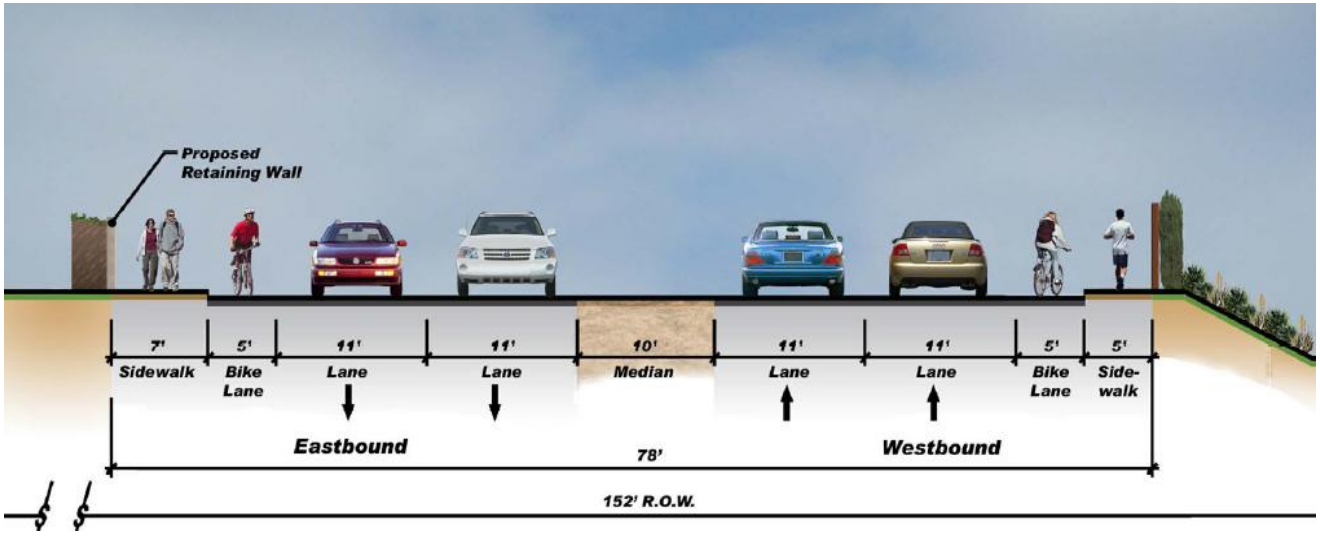
All segments were analyzed based on weighted factors to evaluate constraints and opportunities for constructability. Weighted factors were selected based on the importance to the project. Safety, scheduling lead items, property acquisition, community interest (which we are considering at this time), etc.

Criteria	Weighted Factors	Segment			
		1	2	3	4
Level of Achievement	3	4	7	3	10
Scheduling of Long Lead Items	4	6	4	8	10
Urgency of Safety Improvements	5	8	10	5	5
TOTALS		76	87	66	95

Recommended Sequence

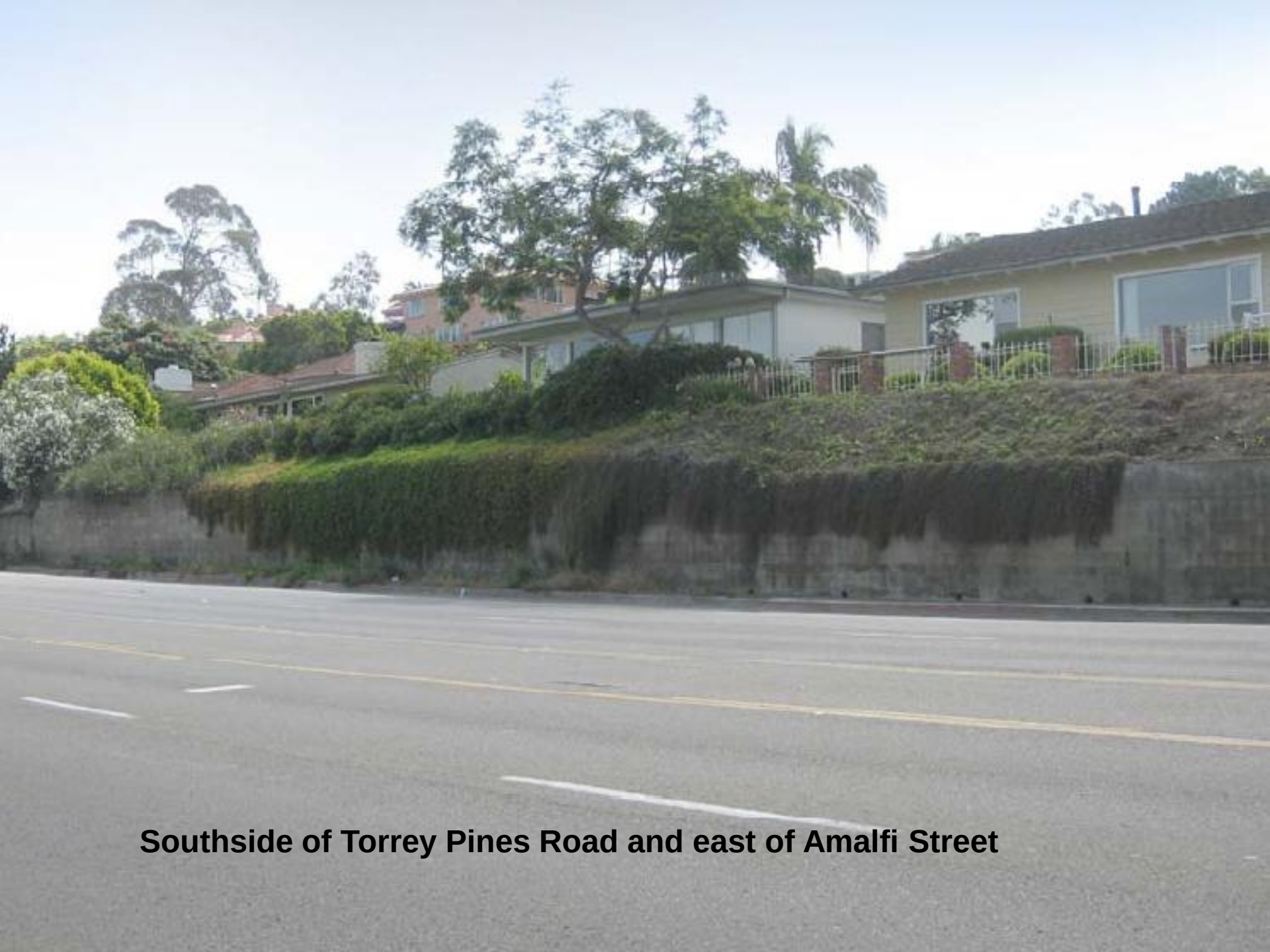
Based on the results of the rankings, Segment 4 had the greatest positive impact to the community and would be the best segment to be constructed first.

- ❖Longest phase of the project. Completion of this segment would show significant progress on the project.
- ❖Lowest estimated price compared to all other segments.
- ❖No guardrail or significant improvements.
- ❖No land acquisition.



Northside of Torrey Pines Road between Prospect St to Coast Way

Southside of Torrey Pines Road between Coast Way and Amalfi Street



Southside of Torrey Pines Road and east of Amalfi Street

QUESTIONS?