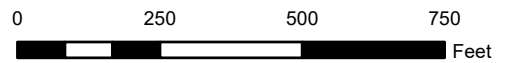


1. SATICOY AREA PEDESTRIAN IMPROVEMENTS
FOR ACTIVE TRANSPORTATION

COUNTY OF VENTURA
PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION DEPARTMENT
 ACTIVE TRANSPORTATION PROGRAM -CYCLE-6 (2022)
 VICINITY MAP



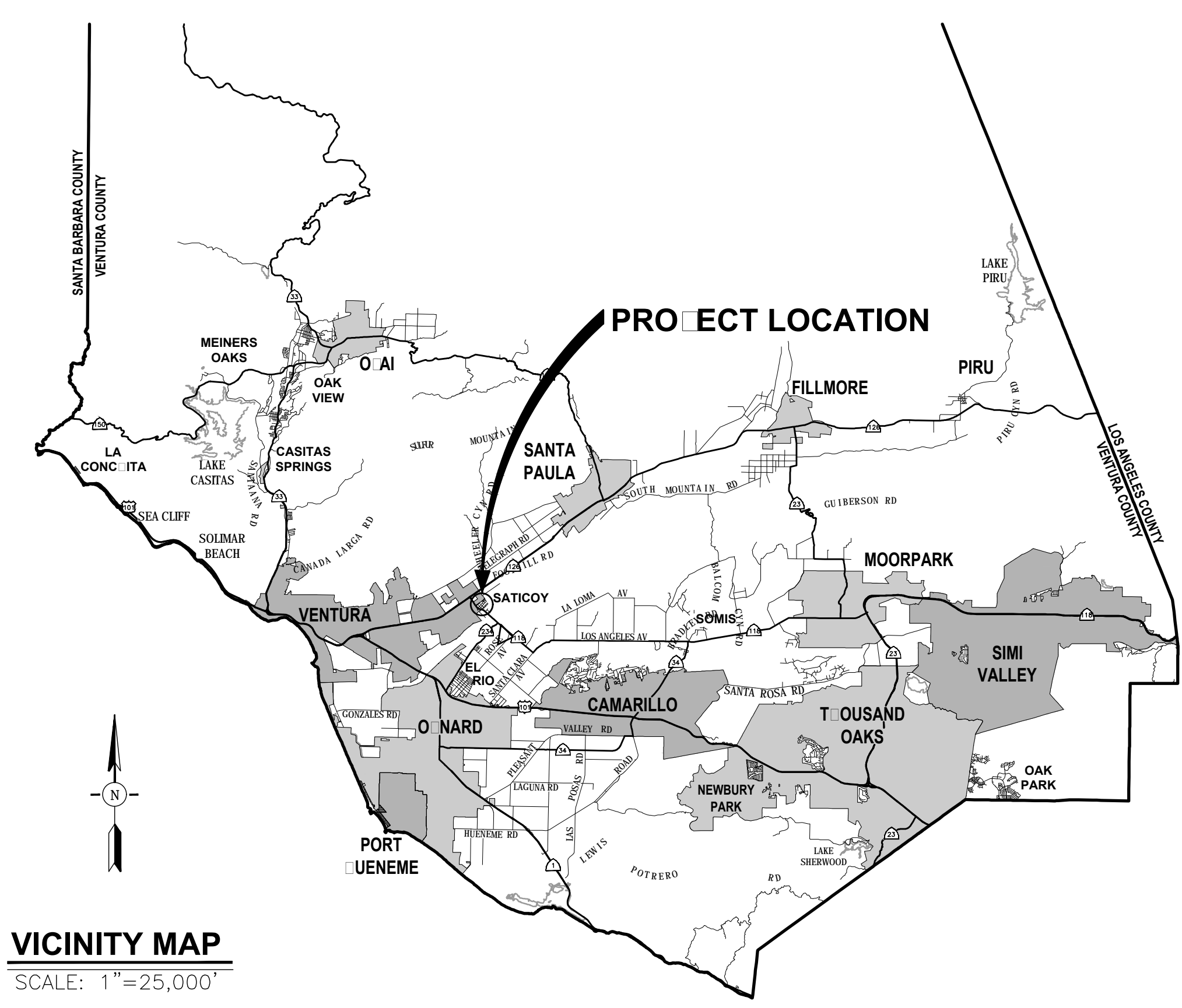
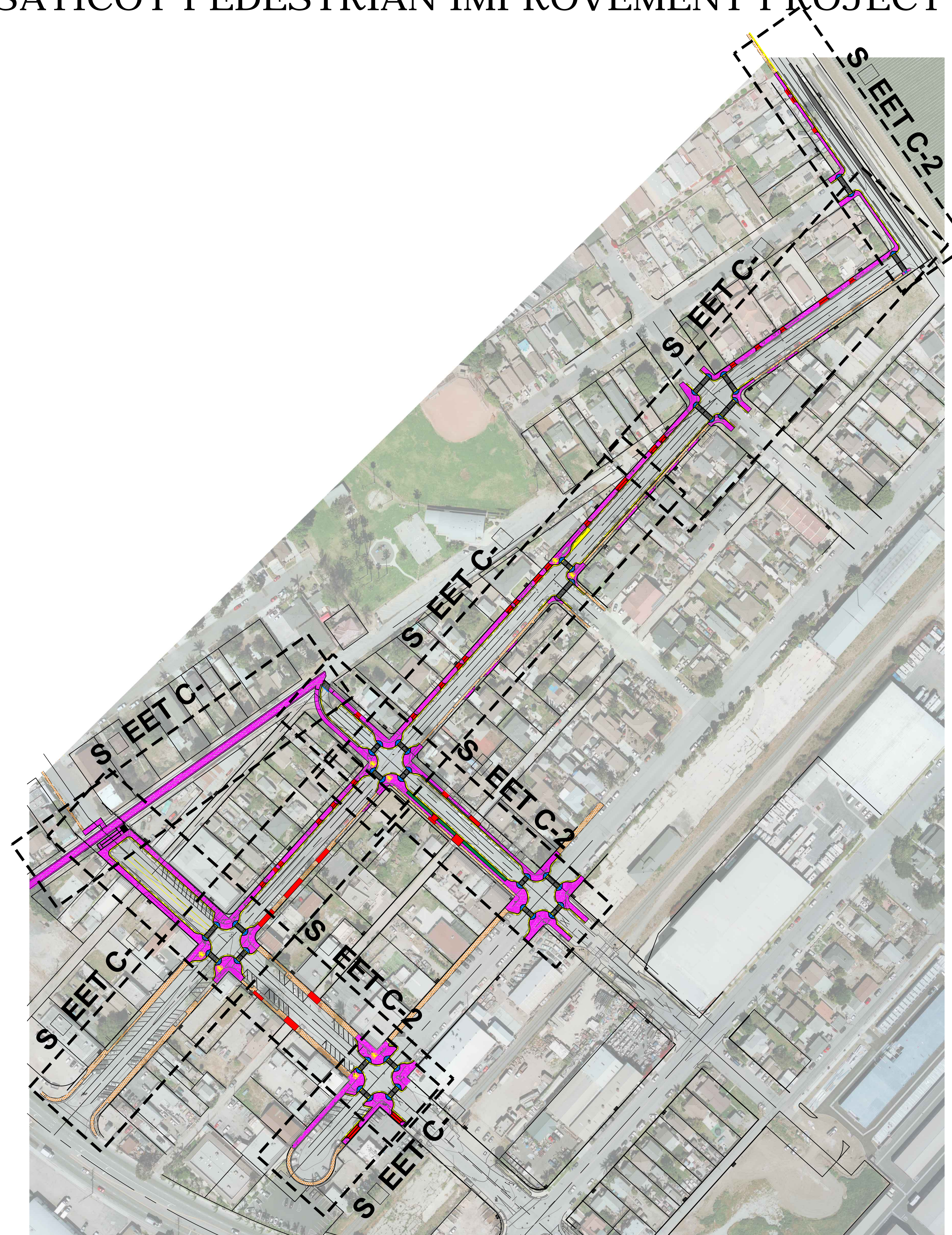
PROJECT LOCATION 



COUNTY OF VENTURA
PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION DEPARTMENT
 ACTIVE TRANSPORTATION PROGRAM -CYCLE-6 (2022)
 SATICOY PEDESTRIAN IMPROVEMENTS
 LOCATION MAP

COUNTY OF VENTURA PUBLIC WORKS AGENCY

ACTIVE TRANSPORTATION PROGRAM CYCLE 6 SATICOY PEDESTRIAN IMPROVEMENT PROJECT



VICINITY MAP
SCALE: 1" = 25,000'

N
↑
LOCATION MAP
SCALE: 1" = 100'

INDE	DESCRIPTION
SHT NO.	
C-1	TITLE SHEET
C-2	LOS ANGELES AVE, ALEUA AVE AND CAMPANULA AVE
C-3	AZAHAR STREET AND WATERSHED COVERED CHANNEL
C-4	VIOLETA STREET
C-5	CROSS SECTIONS
C-6	CROSS SECTIONS
C-7	CROSS SECTIONS

REVISION	DESCRIPTION	APP	DATE

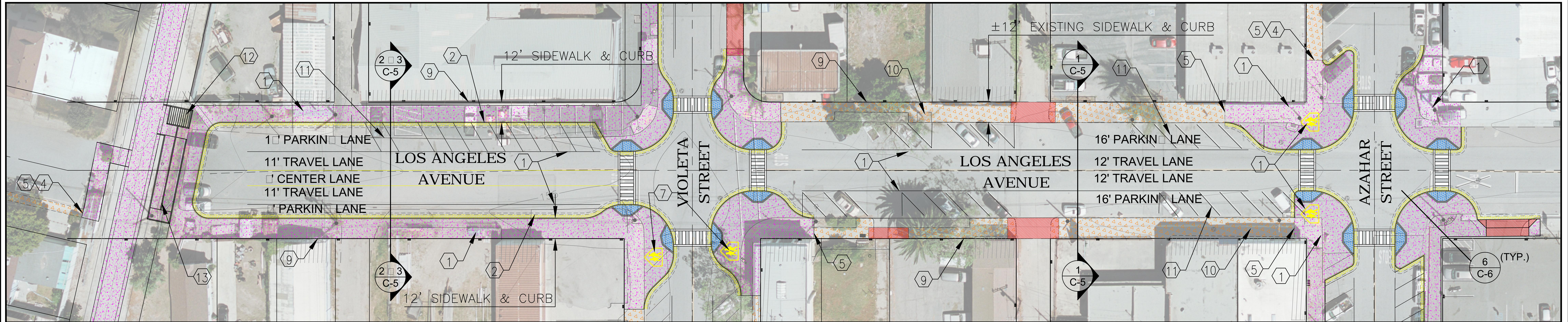
INSERT SURVEYORS PROJECT BENCHMARK

DEPUTY DIRECTOR, DESIGN DIVISION
DIRECTOR OF TRANSPORTATION
DIRECTOR OF PUBLIC WORKS

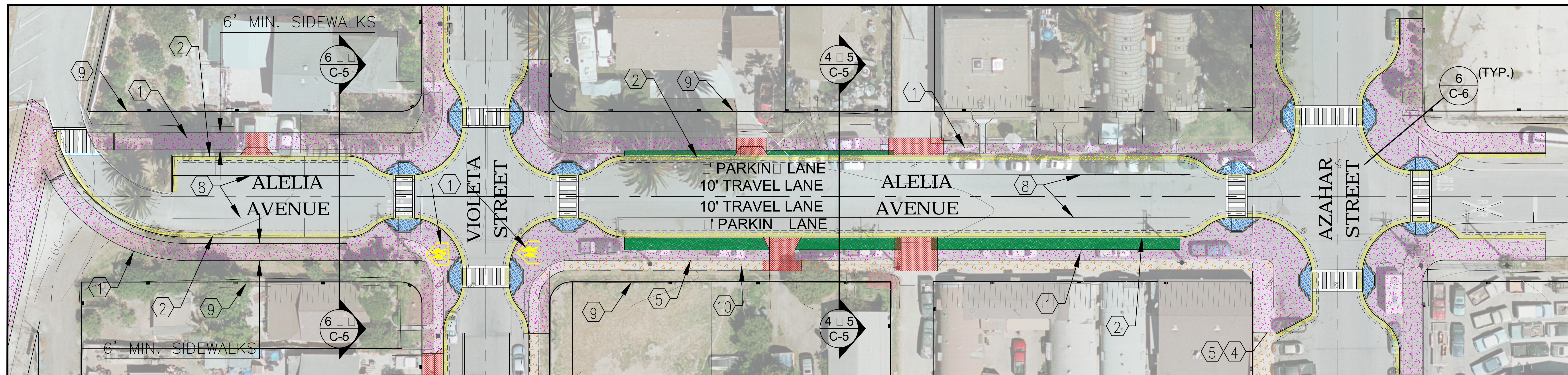


**COUNTY OF VENTURA
PUBLIC WORKS AGENCY**
ROADS & TRANSPORTATION

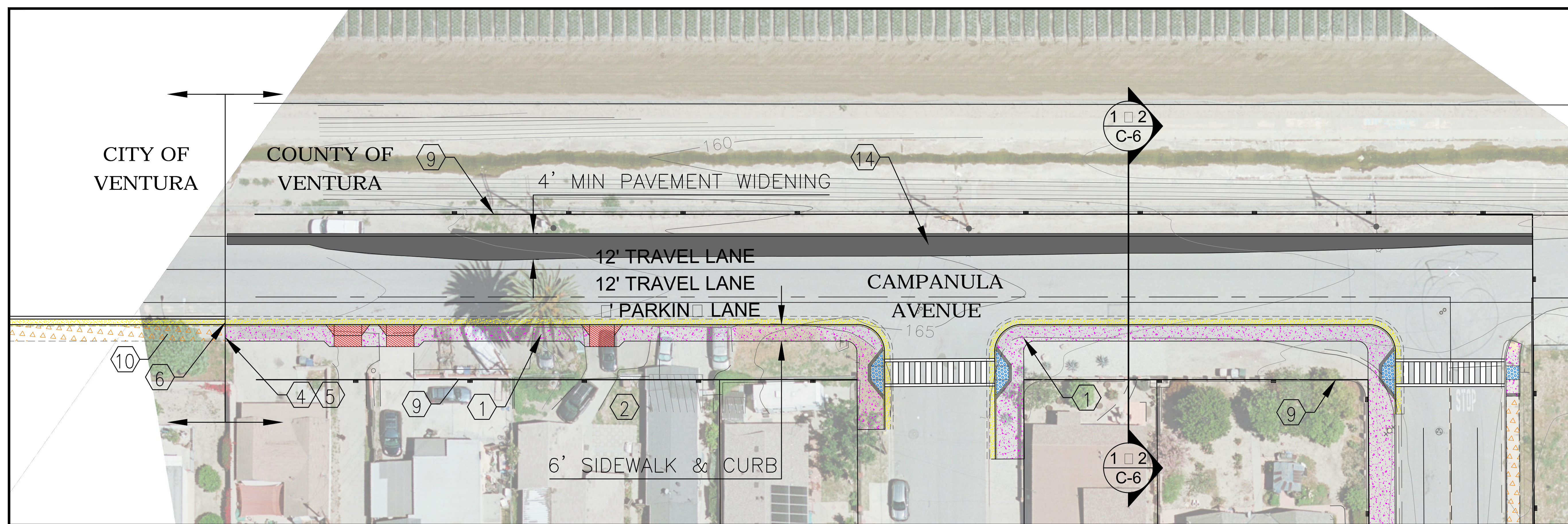
**ACTIVE TRANSPORTATION PROGRAM CYCLE 6
SATICOY PEDESTRIAN IMPROVEMENT PROJECT**



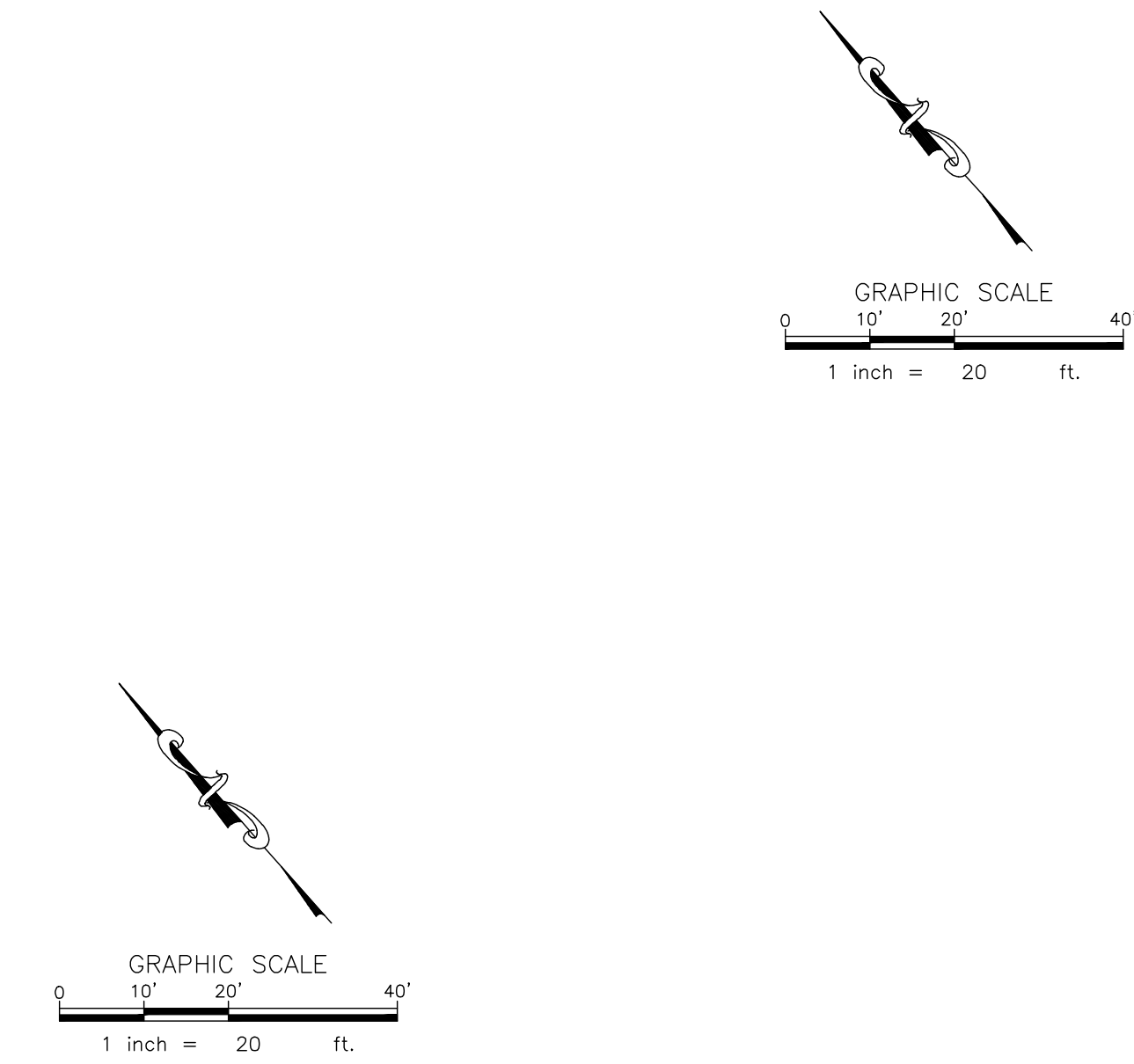
LOS ANGELES AVENUE



ALELIA AVENUE



CAMPANULA AVENUE



- NOTES:
- ① PROPOSED SIDEWALK
 - ② PROPOSED CURB AND GUTTER
 - ③ UPGRADE EXISTING ADA RAMP
 - ④ END OF PROPOSED IMPROVEMENTS
 - ⑤ CONNECT TO EXISTING SIDEWALK
 - ⑥ CONNECT TO EXISTING CURB AND GUTTER
 - ⑦ PROPOSED RRFB FOR ATP CYCLE 6 GRANT
 - ⑧ PROPOSED EDGE OF TRAVEL LANE
 - ⑨ EXISTING RIGHT-OF-WAY
 - ⑩ EXISTING SIDEWALK
 - ⑪ ANGLED PARKING
 - ⑫ PROPOSED STAIRS
 - ⑬ PROPOSED ADA RAMP
 - ⑭ PROPOSED AC PAVEMENT
 - ⑮ PROPOSED CLASS 1 BIKE PATH

- LEGEND:
- PROPOSED PARKWAY
 - PROPOSED CONCRETE
 - PROPOSED CURB AND GUTTER
 - PROPOSED DRIVEWAY APPROACH
 - EXISTING CONCRETE

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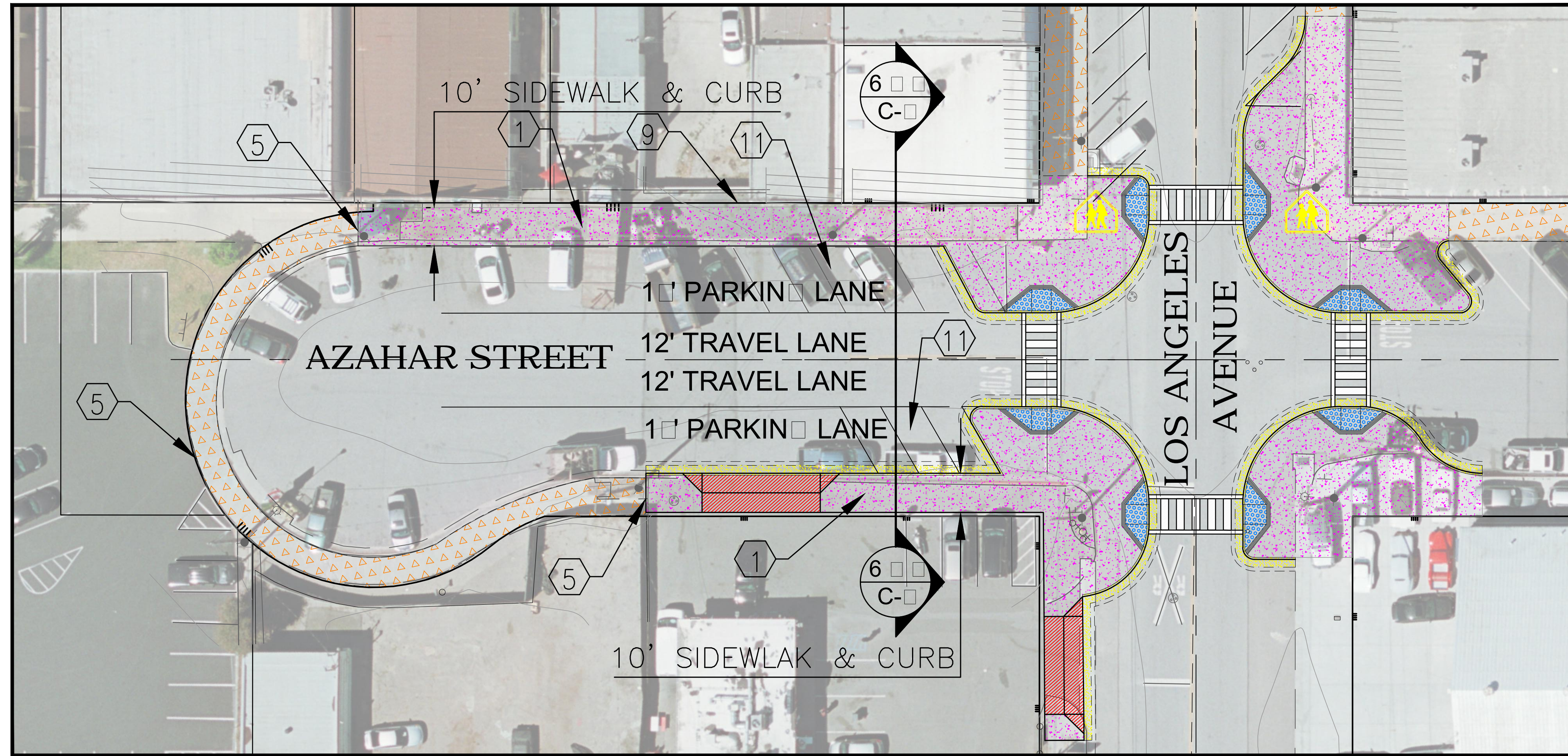
ACTIVE TRANSPORTATION PROGRAM CYCLE 6
SATICOY PEDESTRIAN IMPROVEMENT PROJECT

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CHECKED BY _____

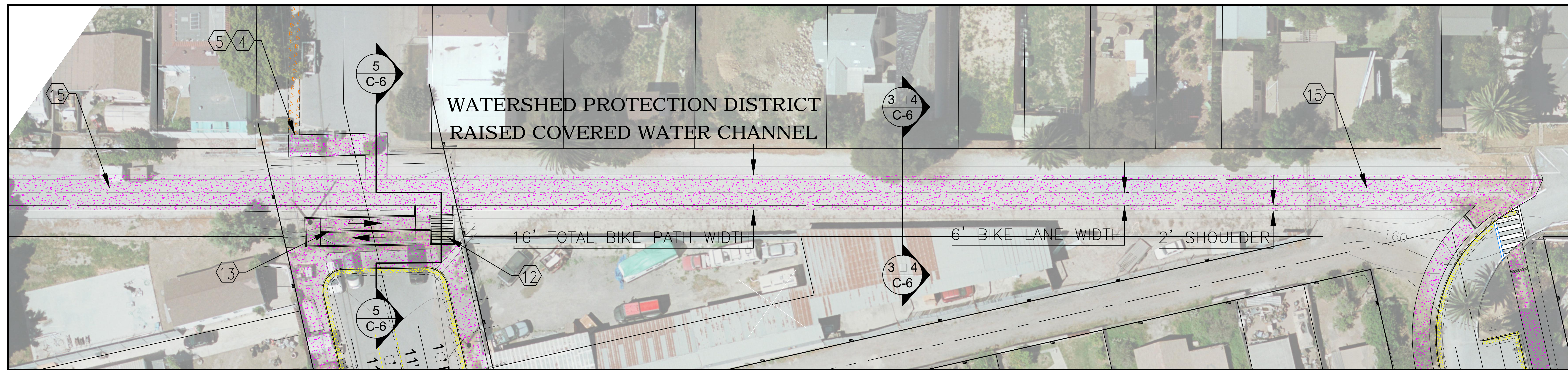
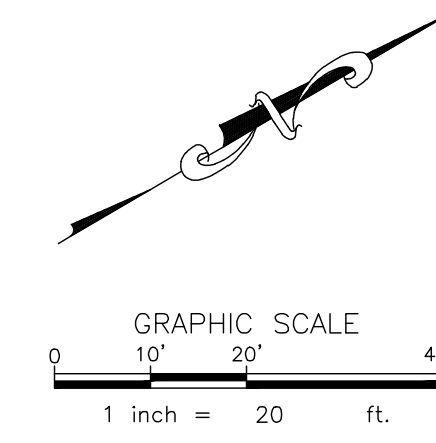


COUNTY OF VENTURA - PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION

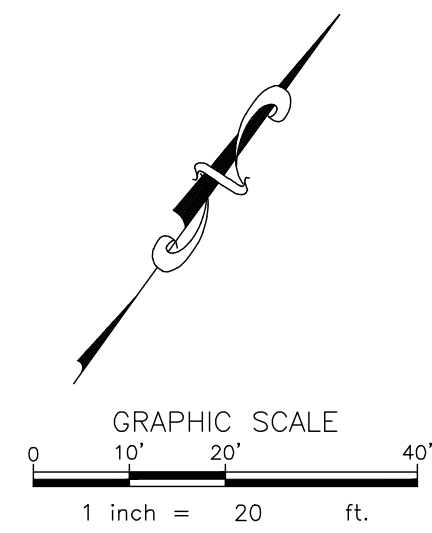
PROPOSED PEDESTRIAN DESTINATION PLAN
LOS ANGELES AVE, ALELIA AVE AND CAMPANULA AVE



AZAHAR STREET



WATERSHED PROTECTION DISTRICT RAISED COVERED WATER CHANNEL



NOTES:

- ① PROPOSED SIDEWALK
- ② PROPOSED CURB AND GUTTER
- ③ UPGRADE EXISTING ADA RAMP
- ④ END OF PROPOSED IMPROVEMENTS
- ⑤ CONNECT TO EXISTING SIDEWALK
- ⑥ CONNECT TO EXISTING CURB AND GUTTER
- ⑦ PROPOSED RRFB FOR ATP CYCLE 6 GRANT
- ⑧ PROPOSED EDGE OF TRAVEL LANE
- ⑨ EXISTING RIGHT-OF-WAY
- ⑩ EXISTING SIDEWALK
- ⑪ ANGLED PARKING
- ⑫ PROPOSED STAIRS
- ⑬ PROPOSED ADA RAMP
- ⑭ PROPOSED AC PAVEMENT
- ⑮ PROPOSED CLASS I BIKE PATH

LEGEND:

- PROPOSED PARKWAY
- PROPOSED CONCRETE
- PROPOSED CURB AND GUTTER
- PROPOSED DRIVEWAY APPROACH
- EXISTING CONCRETE

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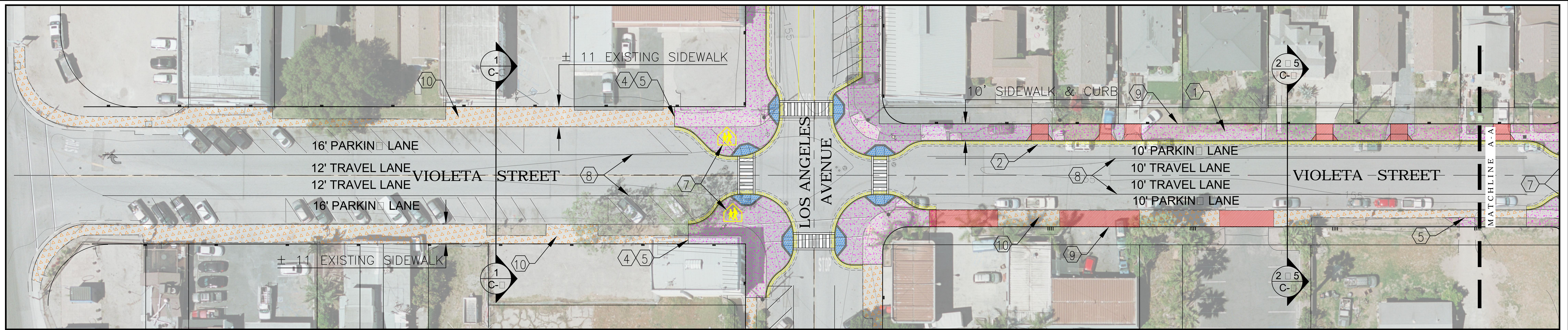
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SATICOY PEDESTRIAN IMPROVEMENT PROJECT

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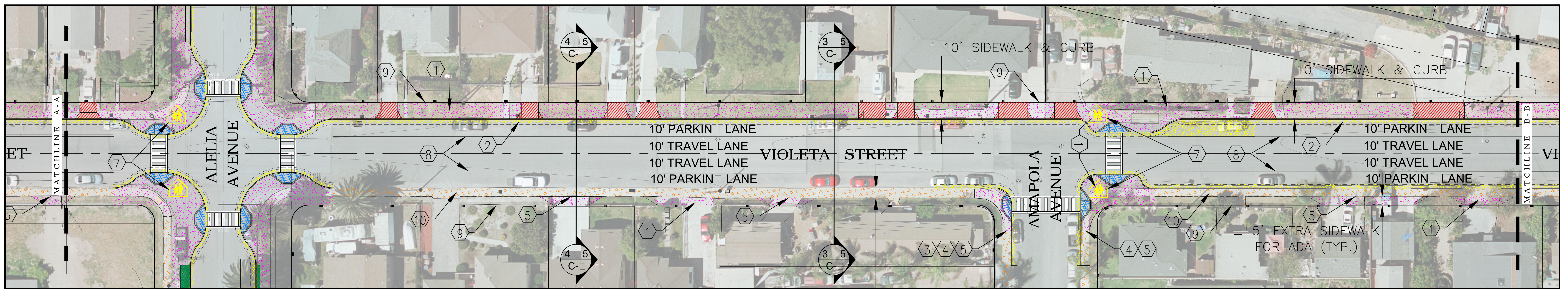


COUNTY OF VENTURA - PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION

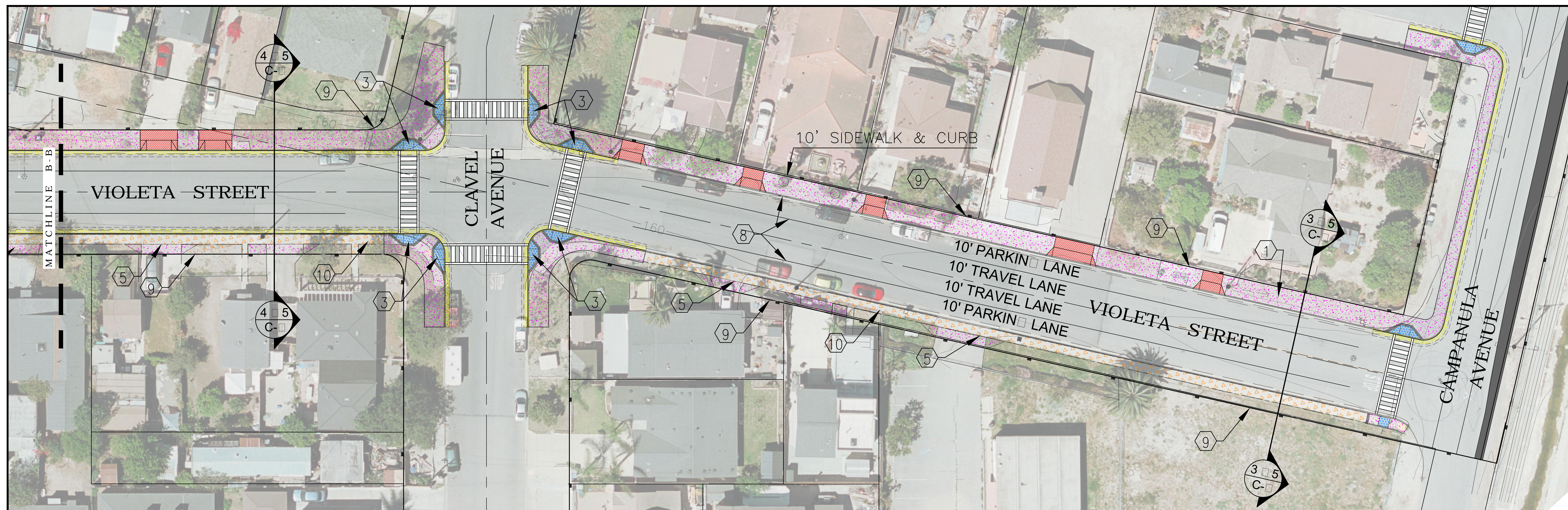
PROPOSED PEDESTRIAN DESTINATION PLAN
AZAHAR STREET AND WATERSHED ALLEY



VIOLETA STREET



VIOLETA STREET

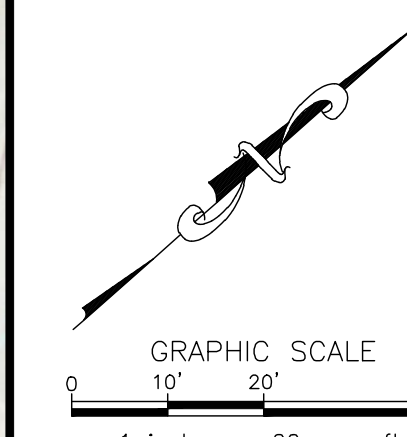


VIOLETA STREET

- LEGEND:**
- PROPOSED PARKWAY
 - PROPOSED CONCRETE
 - PROPOSED CURB AND GUTTER
 - PROPOSED DRIVEWAY APPROACH
 - EXISTING CONCRETE

NOTES:

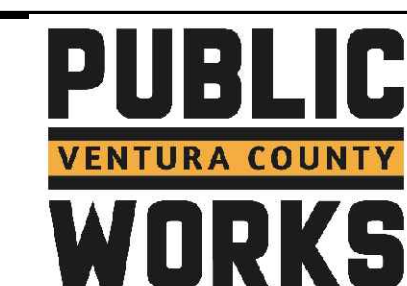
- ① PROPOSED SIDEWALK
- ② PROPOSED CURB AND GUTTER
- ③ UPGRADE EXISTING ADA RAMP
- ④ END OF PROPOSED IMPROVEMENTS
- ⑤ CONNECT TO EXISTING SIDEWALK
- ⑥ CONNECT TO EXISTING CURB AND GUTTER
- ⑦ PROPOSED RRFB FOR ATP CYCLE 6 GRANT
- ⑧ PROPOSED EDGE OF TRAVEL LANE
- ⑨ EXISTING RIGHT-OF-WAY
- ⑩ EXISTING SIDEWALK
- ⑪ ANGLED PARKING
- ⑫ PROPOSED STAIRS
- ⑬ PROPOSED ADA RAMP
- ⑭ PROPOSED AC PAVEMENT
- ⑮ PROPOSED CLASS 1 BIKE PATH



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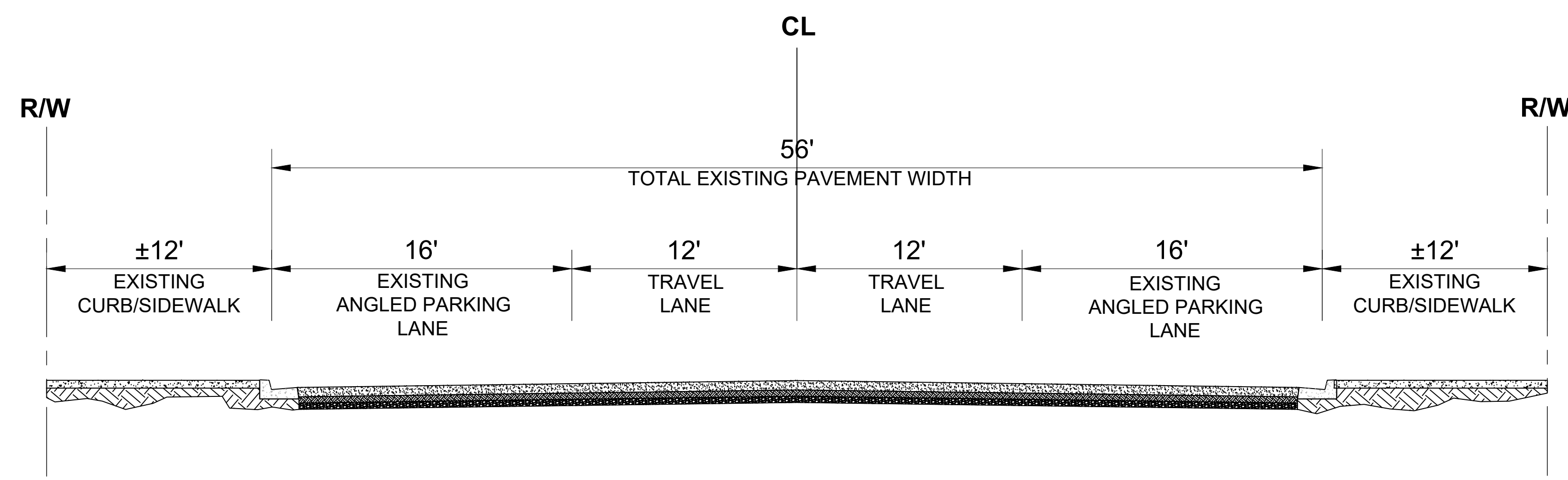
ACTIVE TRANSPORTATION PROGRAM CYCLE 6
SATICOY PEDESTRIAN IMPROVEMENT PROJECT

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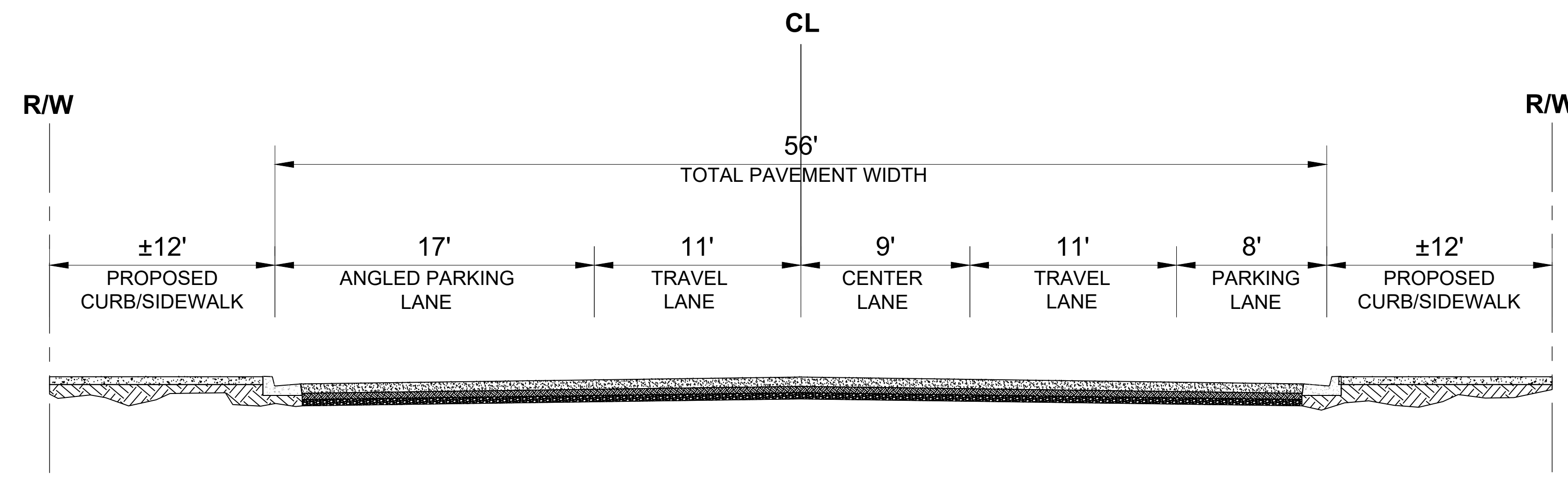


COUNTY OF VENTURA - PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION

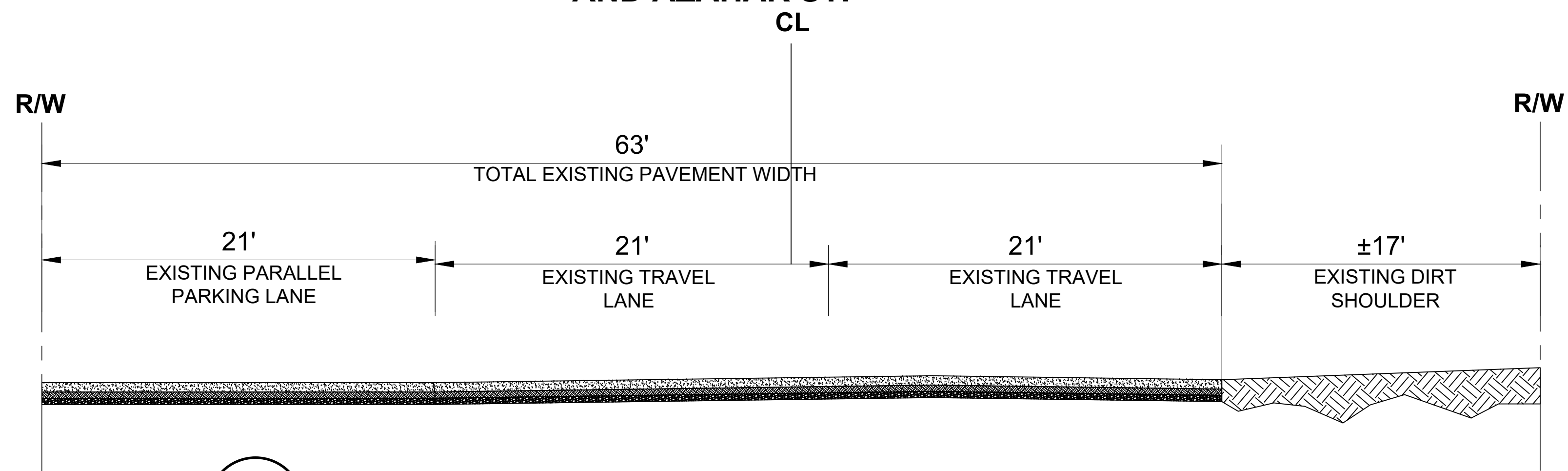
PROPOSED PEDESTRIAN DESTINATION PLAN
VIOLETA STREET



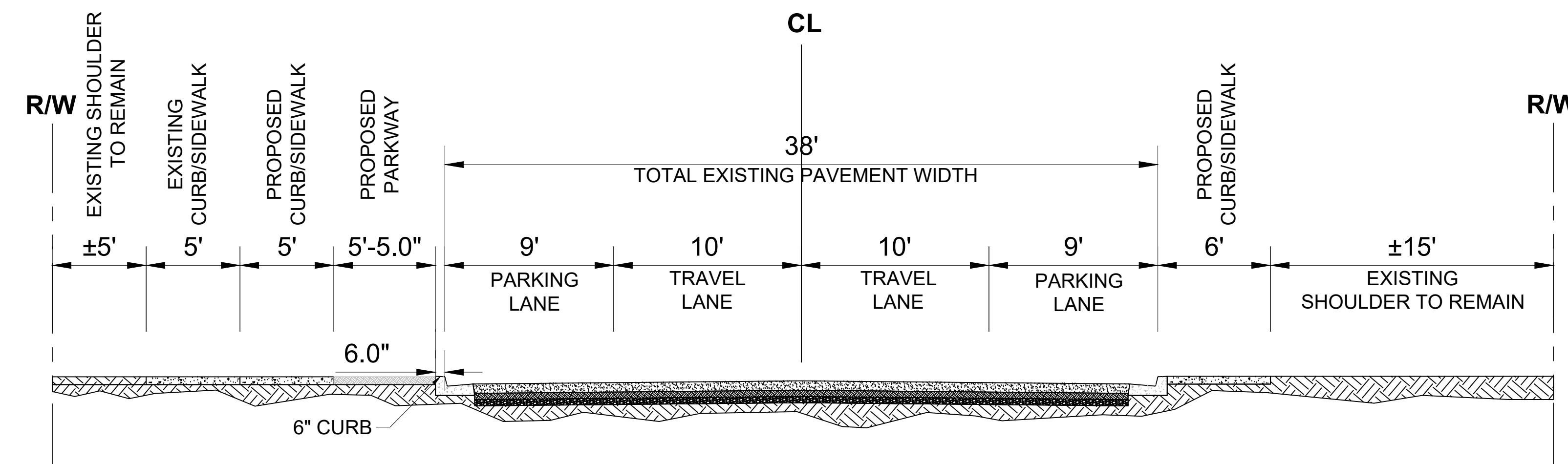
1 LOS ANGELES AVENUE
EXISTING CROSS-SECTION 1" = 5' SCALE
BETWEEN VIOLETA ST.
AND AZAHAR ST.



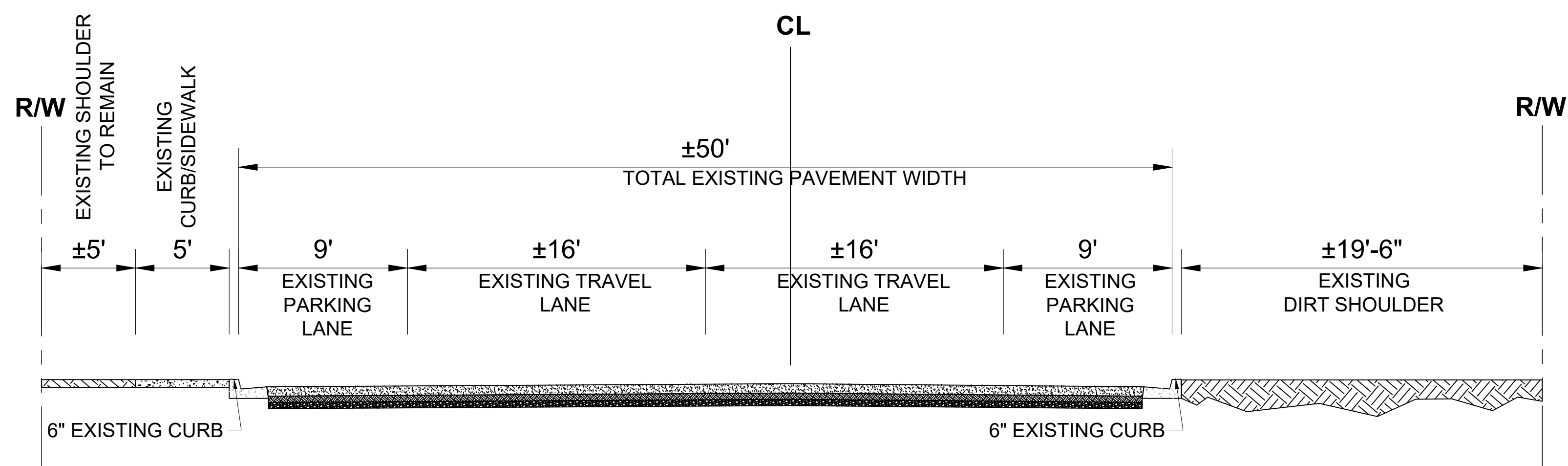
2 LOS ANGELES AVENUE
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN WATERSHED
COVERED CHANNEL AND VIOLETA ST.



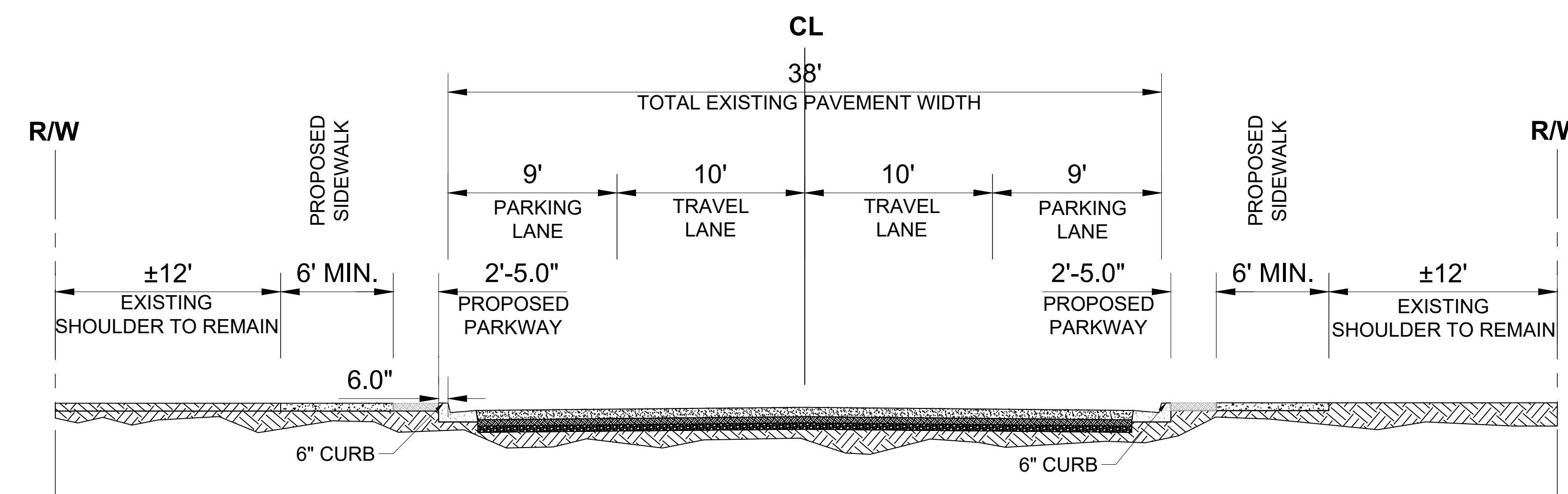
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EXISTING CROSS-SECTION 1" = 5' SCALE
BETWEEN WATERSHED
COVERED CHANNEL AND VIOLETA ST.



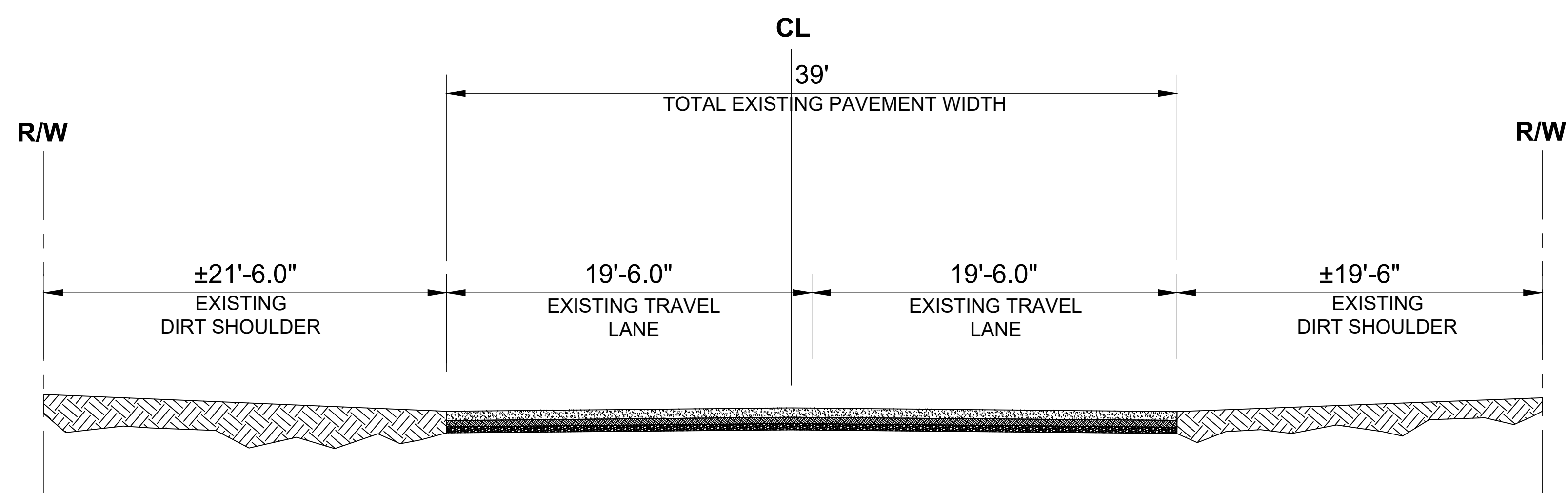
4 ALELIE AVENUE
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN VIOLETA ST.
AND AZAHAR ST.



5 ALELIE AVENUE
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN VIOLETA ST.
AND AZAHAR ST.



6 ALELIE AVENUE
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN WATERSHED
COVERED CHANNEL AND VIOLETA ST.

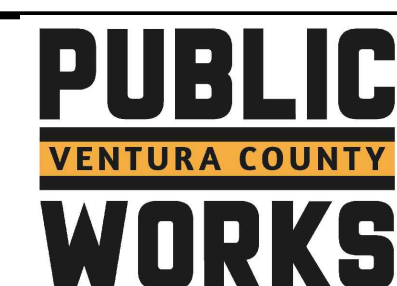


7 ALELIE AVENUE
EXISTING CROSS-SECTION 1" = 5' SCALE
BETWEEN WATERSHED
COVERED CHANNEL AND VIOLETA ST.

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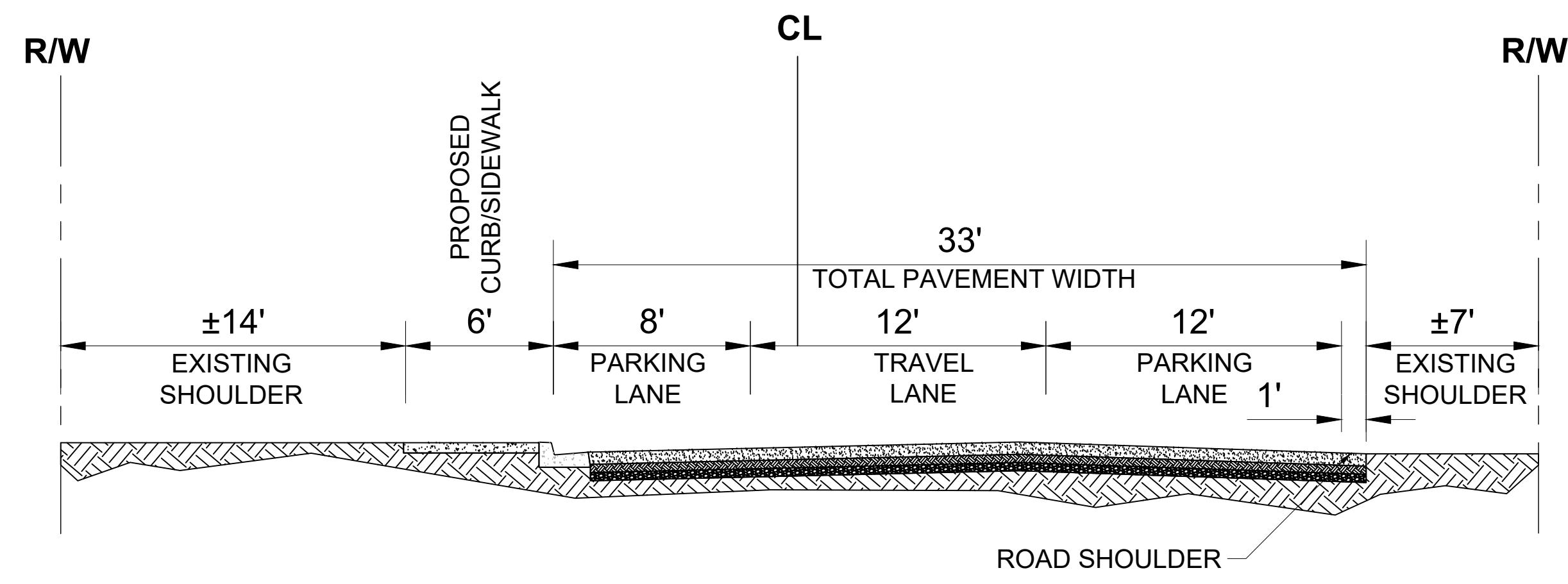
ACTIVE TRANSPORTATION PROGRAM CYCLE 6
SATICOY PEDESTRIAN IMPROVEMENT PROJECT

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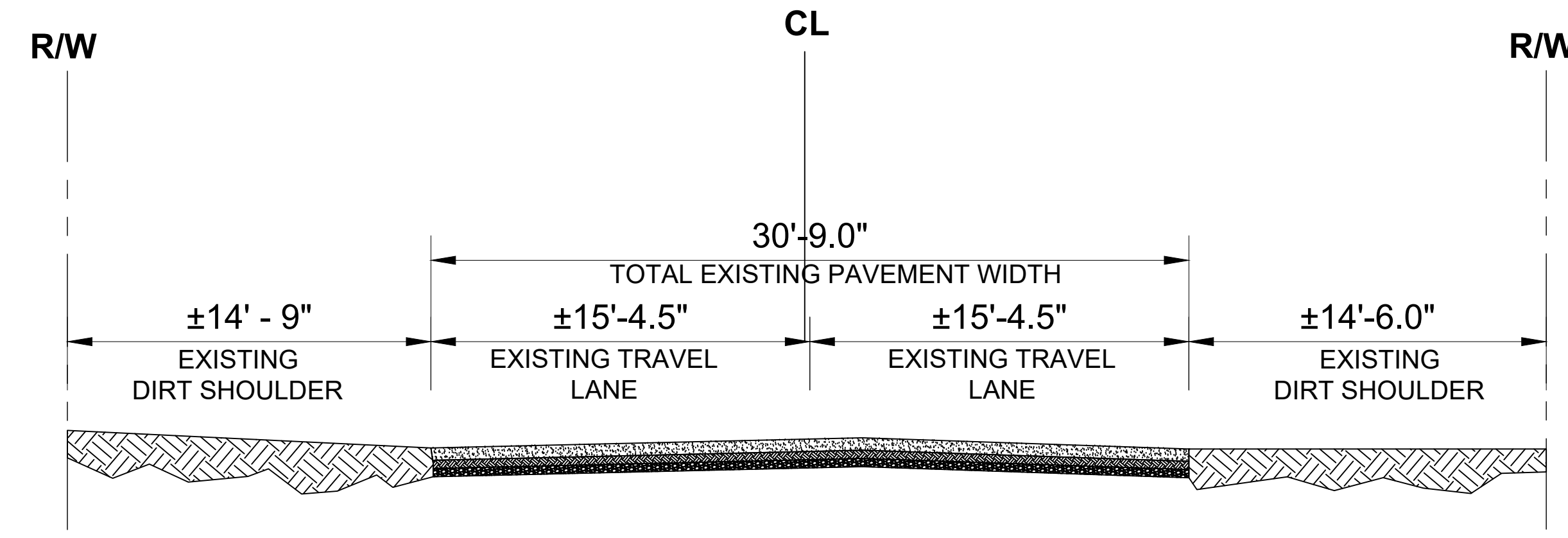


COUNTY OF VENTURA - PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION

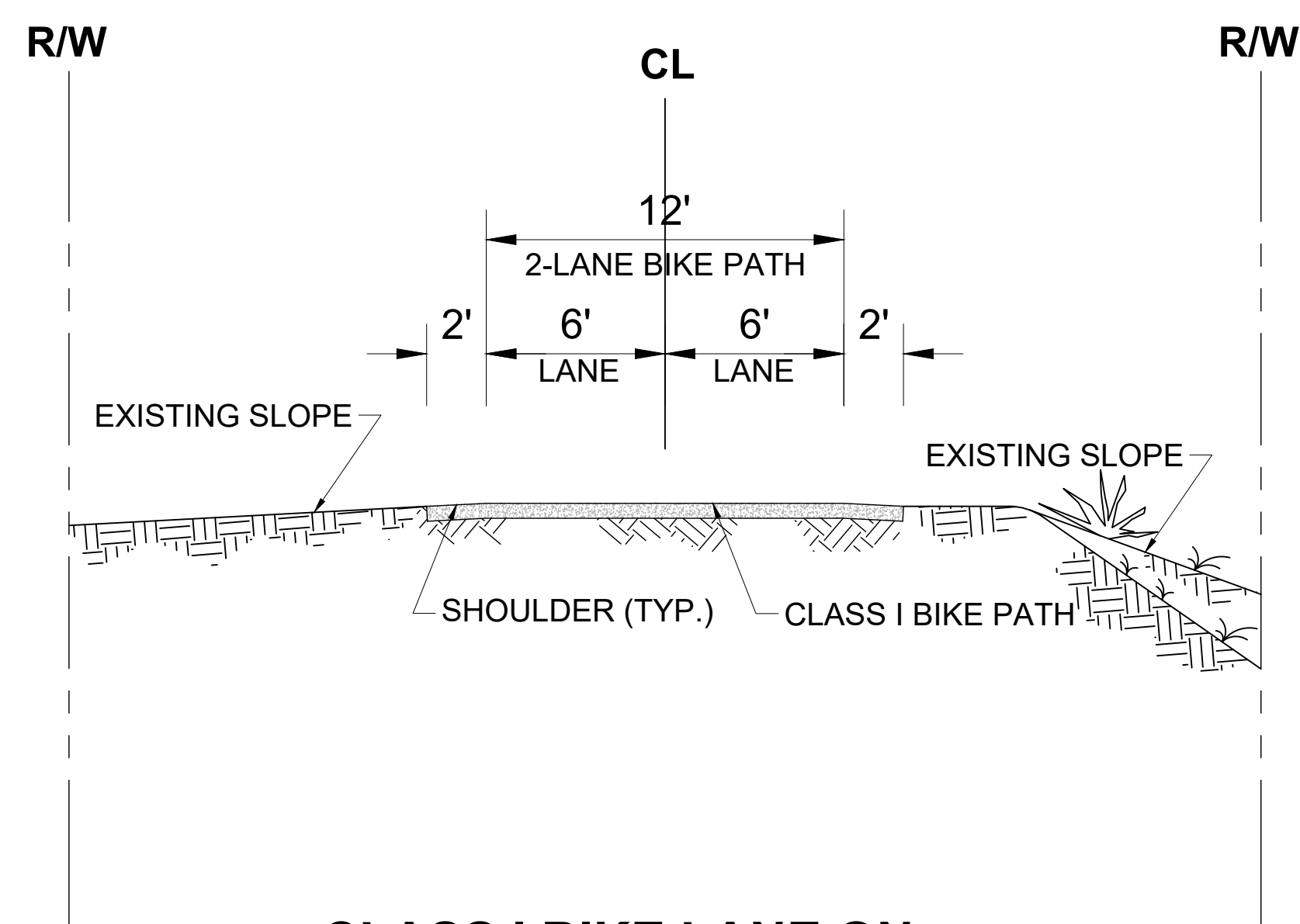
CROSS-SECTION AND DETAIL SHEET



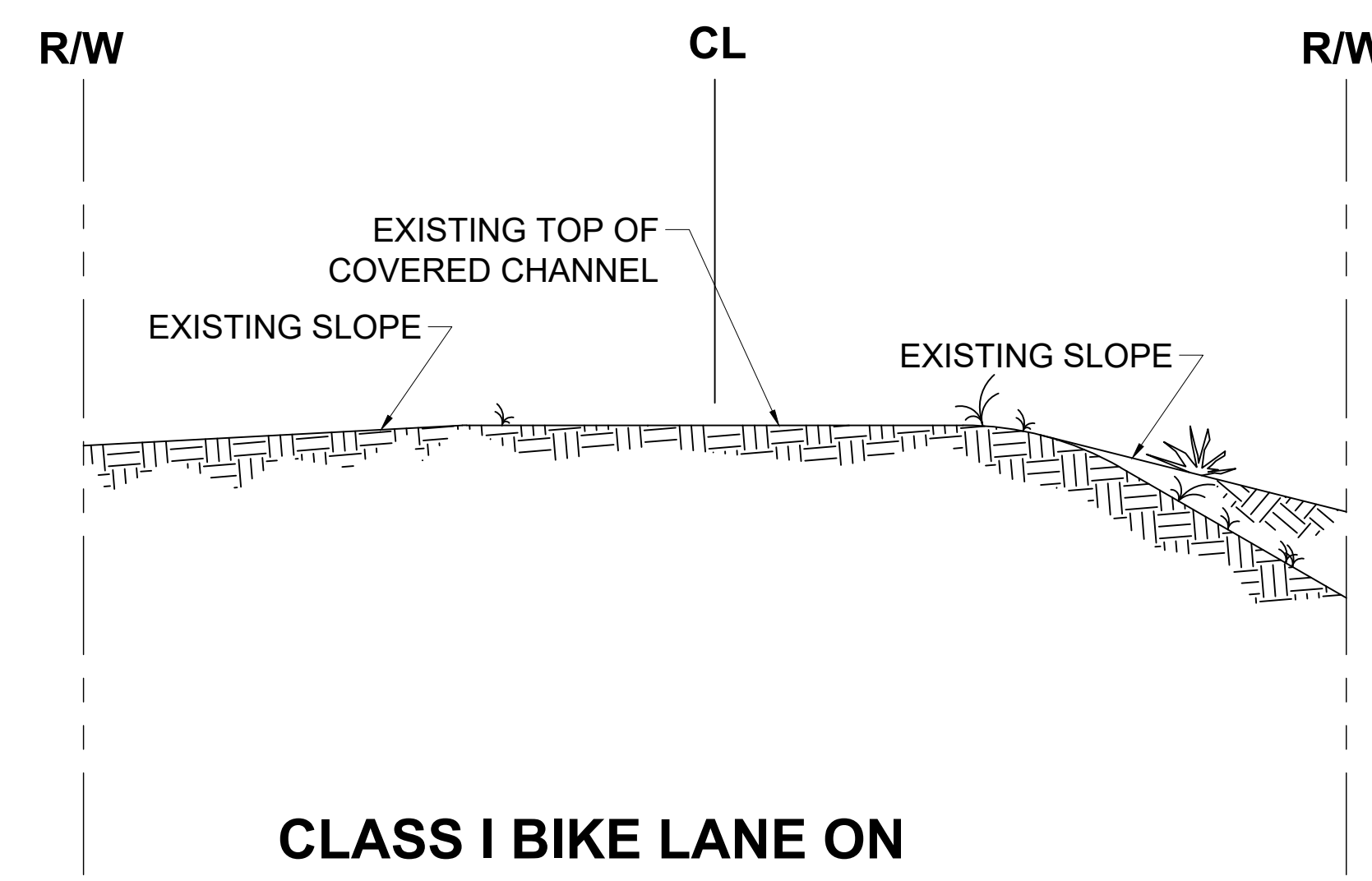
1 **CAMPANULA AVENUE**
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN VIOLETA ST.
AND CITY OF VENTUR LIMITS



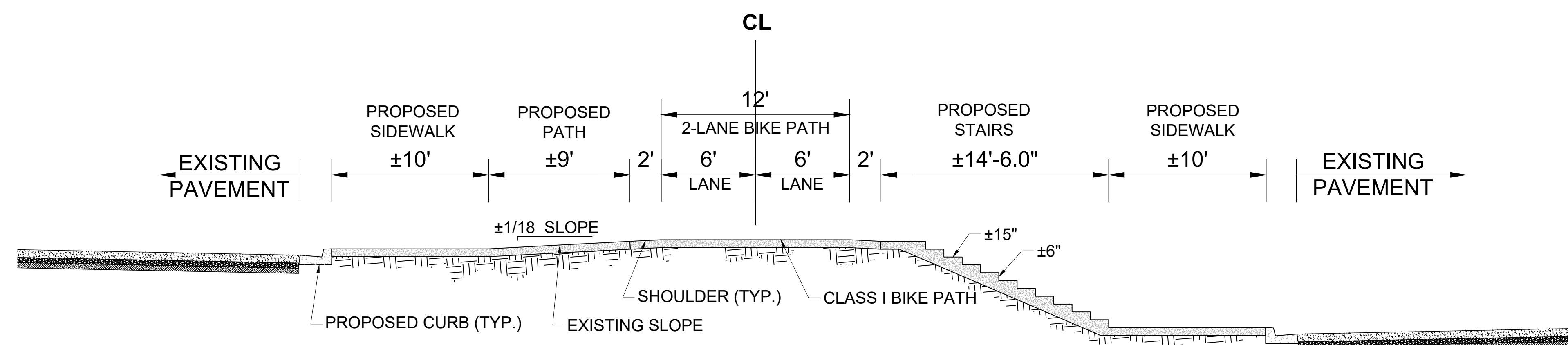
2 **CAMPANULA AVENUE**
EXISTING CROSS-SECTION 1" = 5' SCALE
BETWEEN VIOLETA ST.
AND CITY OF VENTUR LIMITS



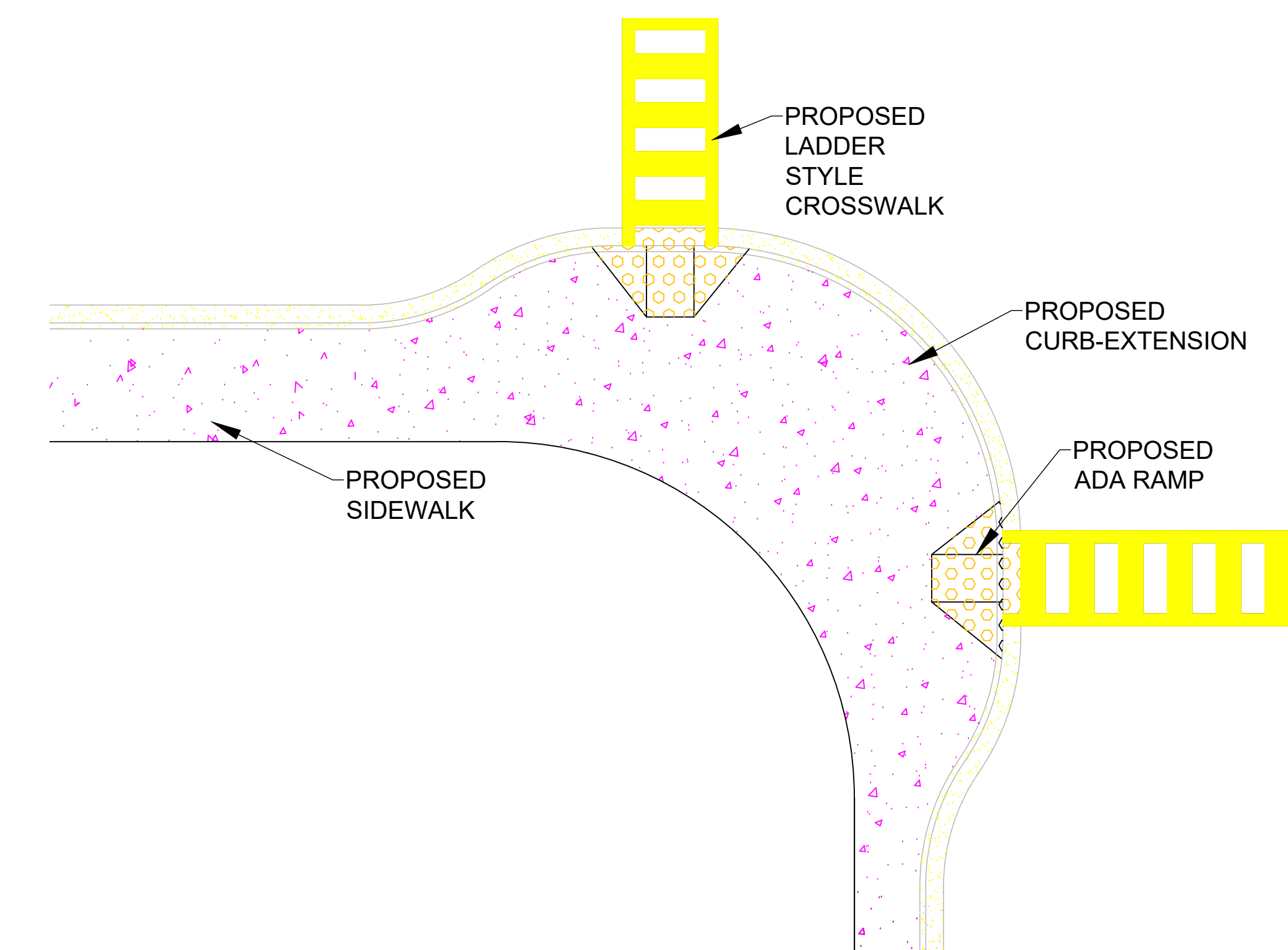
3 **CLASS I BIKE LANE ON**
WATERSHED COVERED CHANNEL
PROPOSED CROSS-SECTION 1" = 5' SCALE



4 **CLASS I BIKE LANE ON**
WATERSHED COVERED CHANNEL
EXISTING CROSS-SECTION 1" = 5' SCALE



5 **CLASS I BIKE LANE ON**
WATERSHED COVERED CHANNEL
PROPOSED CROSS-SECTION 1" = 5' SCALE
BRIDGING FROM THE NORTH SIDE
OF SATICOY TO THE SOUTH SIDE

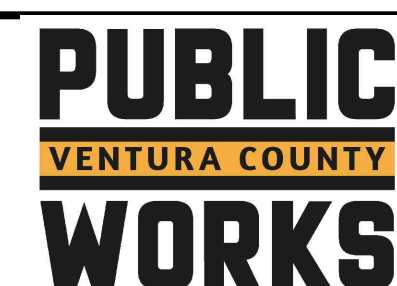


6 **TYPICAL CURB EXTENSION**
DETAIL 1" = 10' SCALE

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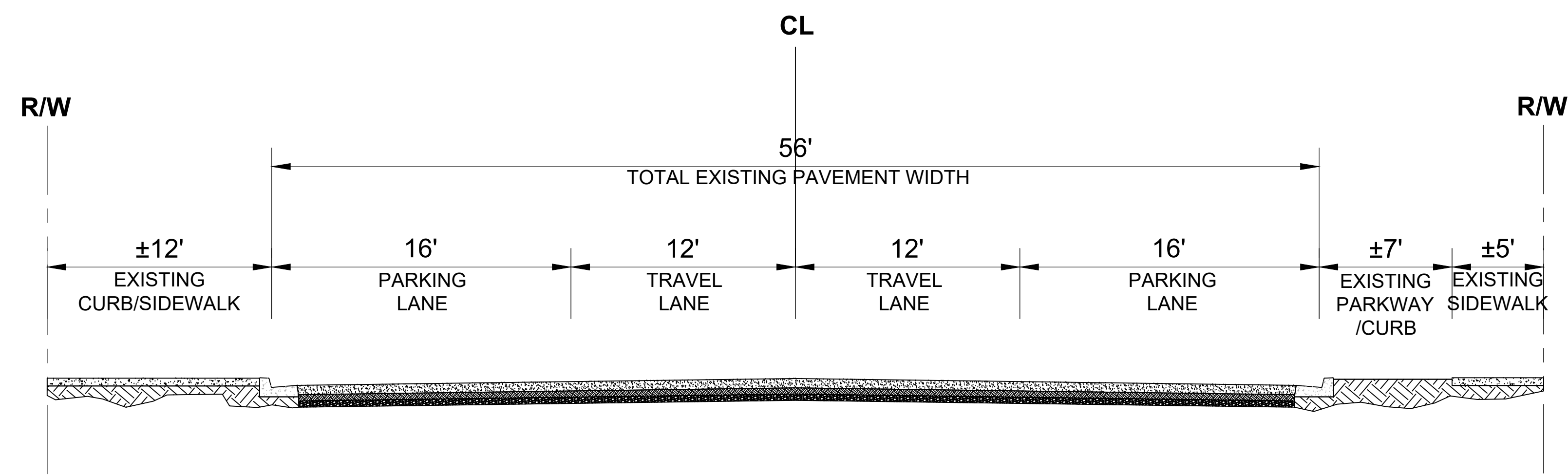
ACTIVE TRANSPORTATION PROGRAM CYCLE 6
 SATICOY PEDESTRIAN IMPROVEMENT PROJECT

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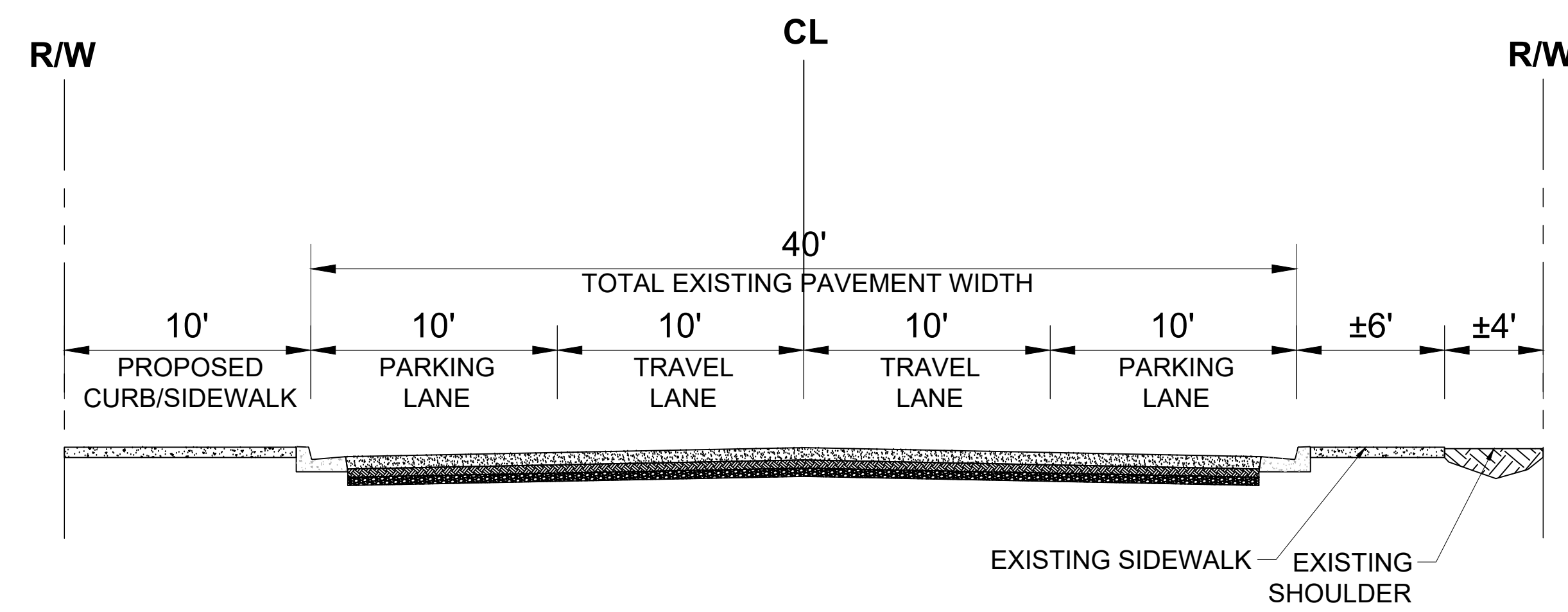


COUNTY OF VENTURA - PUBLIC WORKS AGENCY
 ROADS & TRANSPORTATION

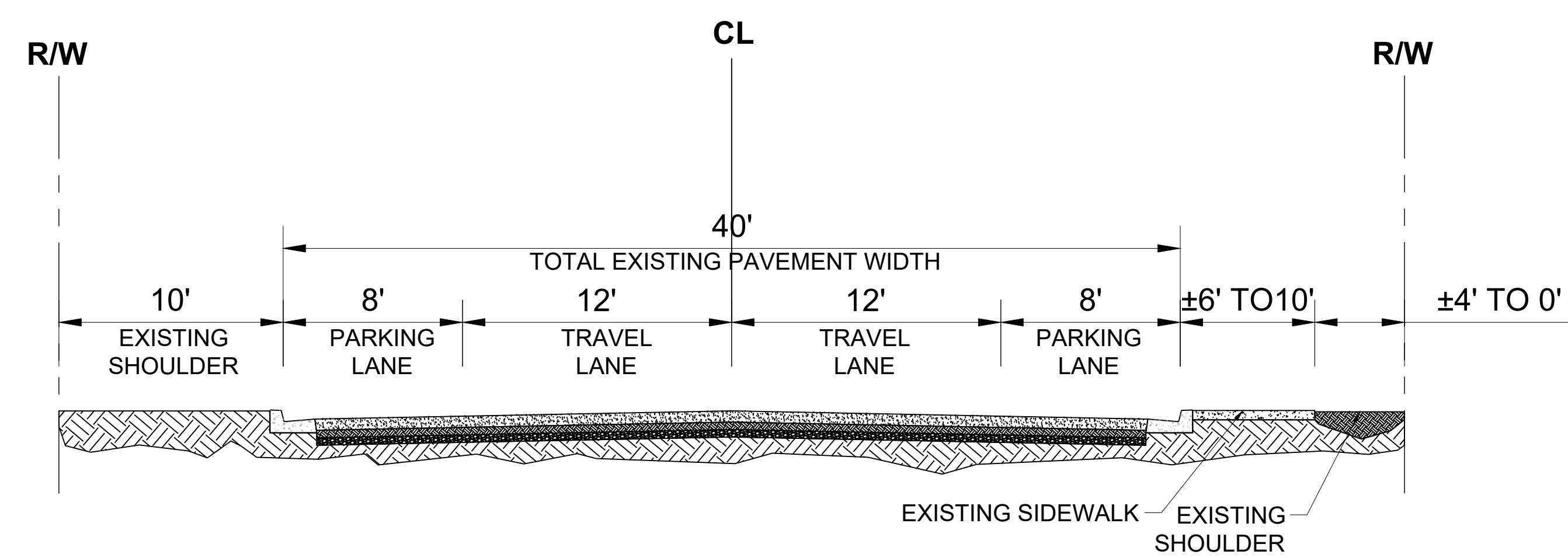
CROSS-SECTION AND DETAIL SHEET



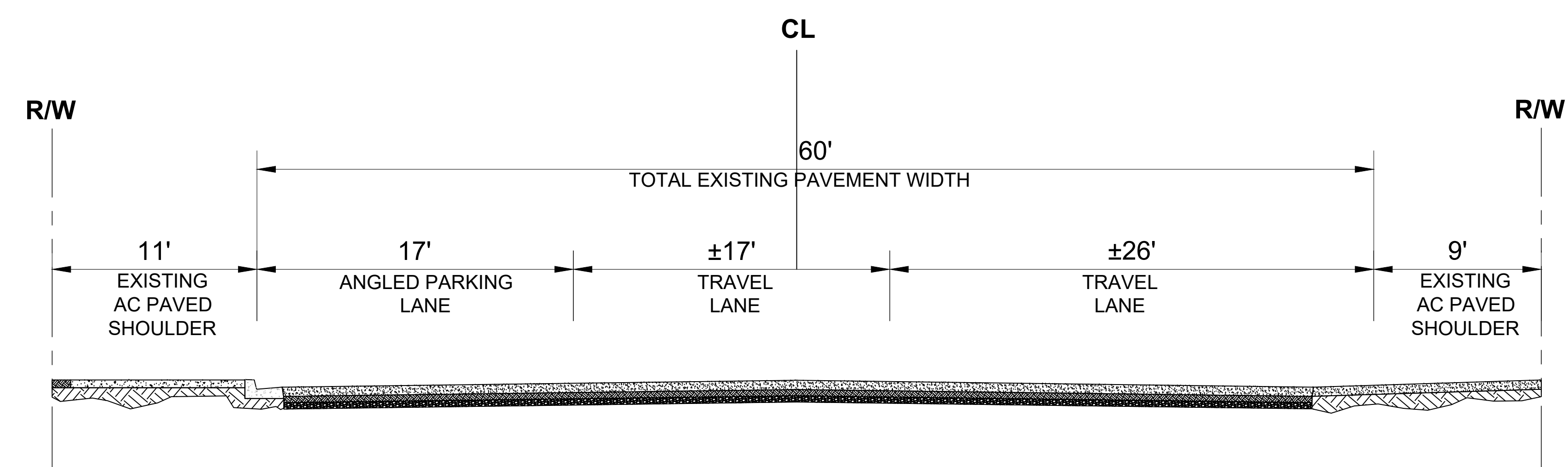
1 VIOLETA STREET
EXISTING CROSS-SECTION 1" = 5' SCALE
BETWEEN SR-118 AND LA AVE.



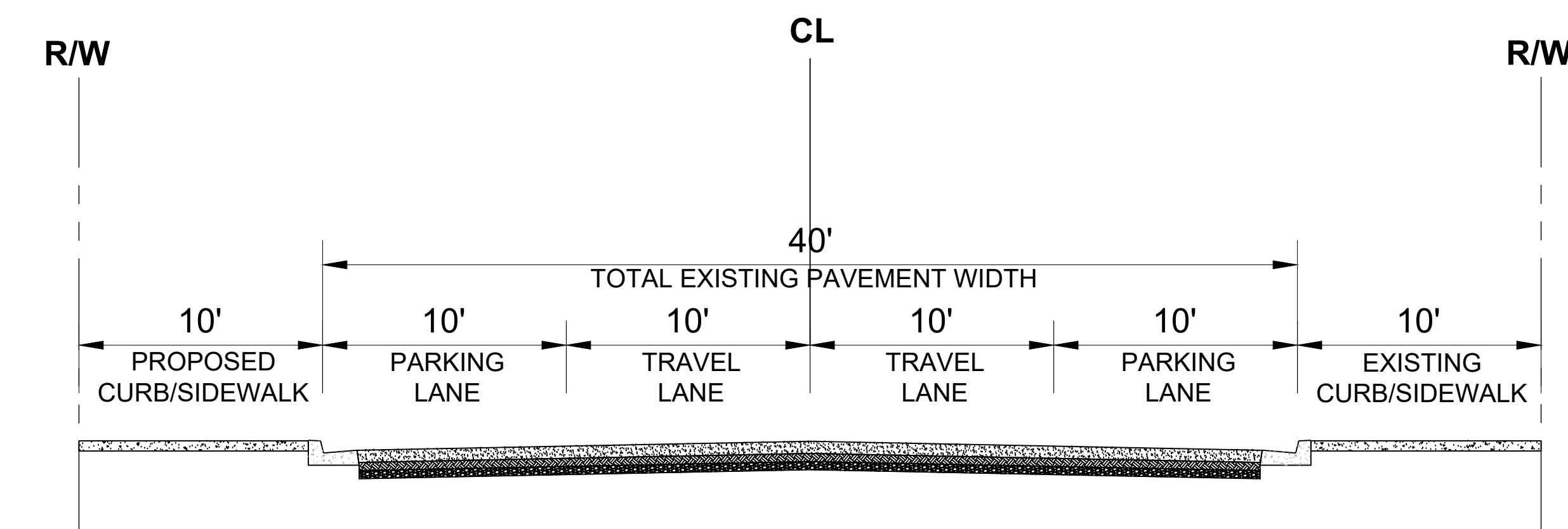
3 VIOLETA STREET
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN LA AVE.
AND CAMPANULA AVE.



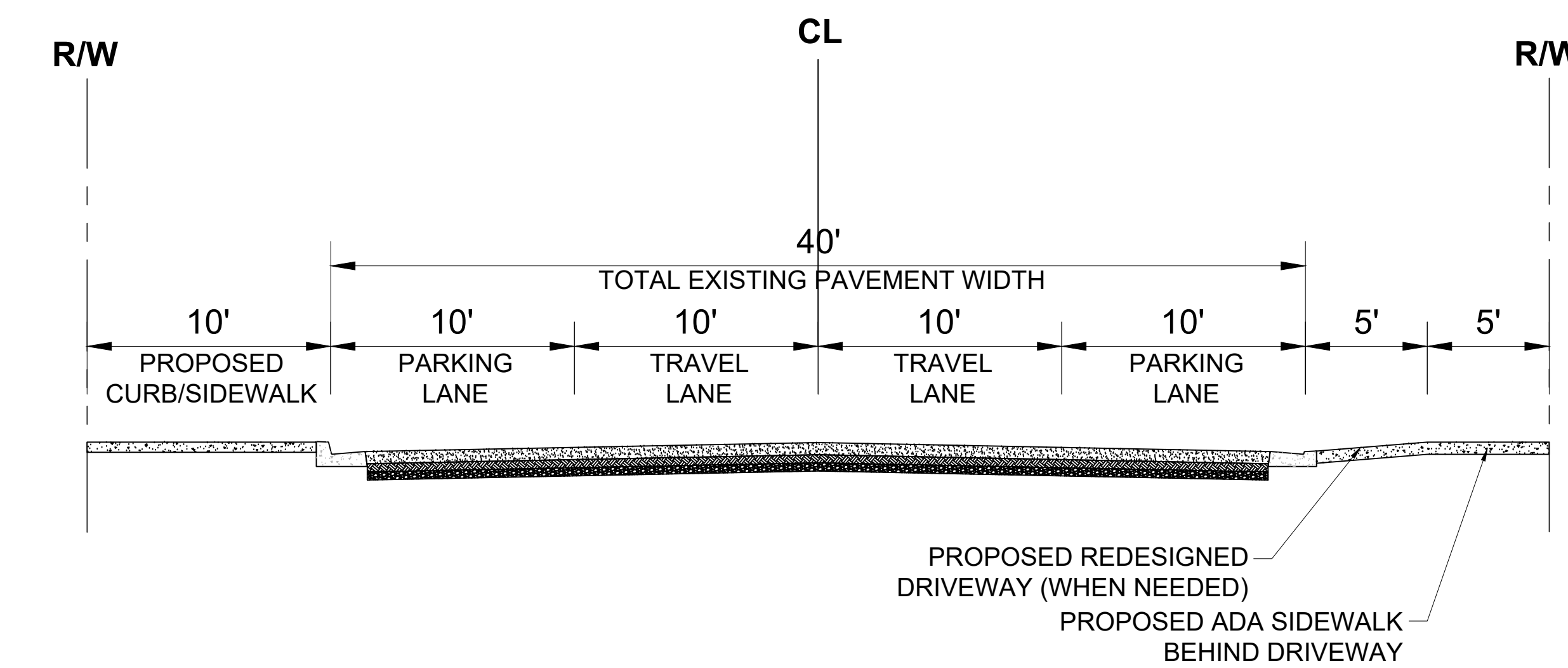
5 VIOLETA STREET
EXISTING CROSS-SECTION 1" = 5' SCALE
BETWEEN LA AVE.
AND CAMPANULA AVE.



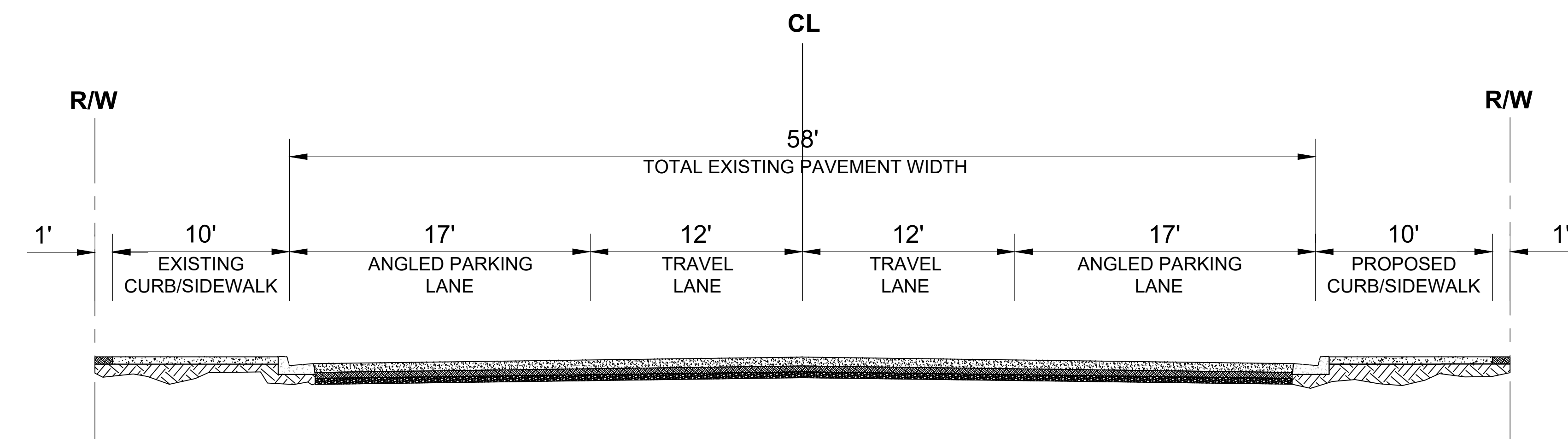
7 AZAHAR STREET
EXISTING CROSS-SECTION 1" = 5' SCALE
CUL-DE-SAC



2 VIOLETA STREET
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN LA AVE. AND
ALELIA AVE.



4 VIOLETA STREET
PROPOSED CROSS-SECTION 1" = 5' SCALE
BETWEEN LA AVE.
AND CAMPANULA AVE.

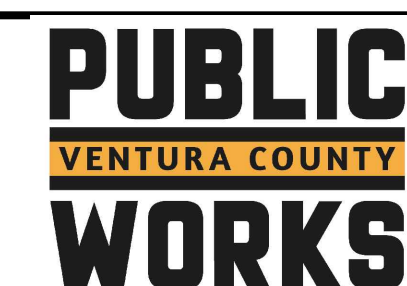


6 AZAHAR STREET
PROPOSED CROSS-SECTION 1" = 5' SCALE
CUL-DE-SAC

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Δ	REVISION	DESCRIPTION	APP. DATE

ACTIVE TRANSPORTATION PROGRAM CYCLE 6
SATICOY PEDESTRIAN IMPROVEMENT PROJECT

DRAWN BY _____
CHECKED BY _____



COUNTY OF VENTURA - PUBLIC WORKS AGENCY
ROADS & TRANSPORTATION

CROSS-SECTION AND DETAIL SHEET

1. CONCRETE CURBS & GUTTERS

1.1 Where Required

The requirements for installing curbs and gutters are shown on B-Series plates.

1.2 Design

Curbs and gutters shall be constructed per SPPWC Standard Plan 120, types A1-6 and A2-6. W = 18" or to match adjacent gutter. Where a sidewalk crosses a driveway the thickness of the sidewalk must be at least 6 inches.

1.3 PCC Class

Concrete class and construction shall be as specified in Plate A-7. Permeable concrete can be used for gutters beside an A1-6 curb where a moisture barrier is used to prevent water from infiltrating into the road base and subgrade under the pavement. The moisture barrier shall be single-ply, 30 mil thick PVC, and be placed between the edge of pavement and the gutter. It must be a minimum of 5 feet in depth extending vertically from the top of the permeable concrete gutter. Excess water that cannot infiltrate must be drained into a storm drain system or a dry well system separated from the roadway.

1.4 Base Required

Where roadway subgrade has an R-value of ≤ 14 , min 4" thickness of PMB shall be placed under curbs and gutters. Where permeable concrete is used as the gutter place 1 foot of open graded aggregate wrapped in geotextile filter fabric as the base layer.

2. CROSS GUTTERS

2.1 Where Required

Cross gutters shall be installed wherever surface drainage is to be carried across a road.

2.2 Where Prohibited

No surface drainage is to be carried across a road and no cross gutters are permitted across the following road sections:

- a) Primary or Secondary roads (Plates B-2 & B-3 [A]).
- b) Collector roads (Plates B-3 [A], B-4 [A], B-5 [A] and B-7 [A]) except at locations where vehicular traffic is required to stop or where through traffic movement is precluded such as at the single leg of a T-intersection.

2.3 Design

Cross gutters shall be constructed per SPPWC Standard Plan 122 and 123.

2.4 PCC Class

Concrete class and construction shall be as specified in Plate A-7.

2.5 Base Required

Cross gutters and spandrels shall be constructed over 6 " thickness of PMB.

ADOPTED BY BOARD OF SUPERVISORS: 05-16-2017

**COUNTY OF VENTURA
PUBLIC WORKS AGENCY**

REVISION DATE:	DESCRIPTION:

APPROVED BY:
JP
RECOMMENDED BY:
DF

**ROAD STANDARDS
CURBS & GUTTERS**

2. DRIVEWAYS

2.1 Residential

Residential driveways shall be constructed according to Std. Plate E-2b with the following limitations:

- 2.1.1 $W \geq 10$ feet and $W \leq 27$ feet.
- 2.1.2 The sum of W's for all driveways shall not exceed 40% of the property frontage, however at least one $W = 10$ feet driveway is allowed on each lot.
- 2.1.3 No driveway shall be constructed in the curb return area at intersections or within 5 feet of the BCR or ECR.
- 2.1.4 No driveway or driveway apron shall be constructed in the area occupied by a catch basin's local depression.
- 2.1.5 The outer edge of the driveway warp shall be 2 feet clear of obstructions in the R/W such as fire hydrants, utility poles, street light standards, signs and mailboxes.
- 2.1.6 No driveway is allowed unless there is space on the private property for parking an 18 feet long vehicle.
- 2.1.7 Where the road grade exceeds 5% and there is no sidewalk next to the curb, an L-shaped deflector curb shall be installed on the downslope side of the driveway. The curb shall be SPPWC 120, Type A1-6, 6" high above the roadway curb, extending 5 feet along the driveway and 2 feet along the roadway curb.
- 2.1.8 PCC may be colored or textured or both. Texturing shall not reduce the required thickness and shall not be either so smooth or so rough as to be hazardous to pedestrians.
- 2.1.9 Driveways shall be PCC class 520-C-2500, 6" thick. Where the existing road does not have PCC curbs, driveways may be constructed of AC C1 or C2-PG 64-10, either 6" thick or 2" thick over 4" of PMB. Sidewalks over driveway and driveway aprons must be 6" thick.
- 2.2.0 Where the existing road does not have PCC curbs, driveways shall be constructed at an elevation compatible with future construction of curbs and gutters.
- 2.2.1 Minimum distance between outer edges of adjacent driveway slopes:
 - On same lot $\geq 22'$
 - On adjacent lots $\geq 1'$

ADOPTED BY BOARD OF SUPERVISORS: 02-04-2020

**COUNTY OF VENTURA
PUBLIC WORKS AGENCY**

REVISION DATE:	DESCRIPTION:	APPROVED:
01/15/2020	Changed driveway standard to Plate E-2b	JP
		RECOMMENDED:
		DF

ROAD STANDARDS

RESIDENTIAL DRIVEWAYS

2. DRIVEWAYS (continued)

2.2. Commercial

Commercial driveways shall be constructed according to Std. Plate E-2b with the following limitations:

2.2.1 Minimum W = 10 feet.

The sum of all W's shall not exceed 60% of lot frontage.

<u>Lot width</u>	<u>Maximum W</u>
< 100'	20 feet
100' to 150'	30 feet
> 150'	20% of lot frontage but ≤ 60 feet

2.2.2 Minimum distance between outer edges of adjacent driveway slopes:

- On same lot ≥ 22'
- On adjacent lots ≥ 1'

2.2.3 No driveway shall be constructed in the curb return area at intersections or within 5 feet of the BCR or ECR.

2.2.4 No driveway is allowed where there is any obstacle that prevents any vehicle entering the driveway from completely clearing the public right-of-way when parked on the lot.

2.2.5 Driveways shall be PCC class 520-C-2500, 9" thick over 4" of PMB (Rvalue=78). Where the existing road does not have PCC curbs, driveways may be constructed of AC C1 or C2 PG-64-10, 7" thick or 3" thick over 8" of PMB.

2.2.6 The outer edge of the driveway warp shall be 5 feet clear of obstructions in the R/W such as fire hydrants, utility poles street light standards, signs and mailboxes.

2.2.7 Where the road grade exceeds 5% and there is no sidewalk next to the curb, a L-shaped deflector curb shall be installed on the downslope side of the driveway. The curb shall be SPPWC 120, Type A1-6, 6" high above the roadway curb, extending 5 feet along the driveway and 2 feet along the roadway curb.

2.2.8 Where the existing road does not have PCC curbs, when requested by the County, driveways shall be constructed at an elevation compatible with future construction of curbs and gutters.

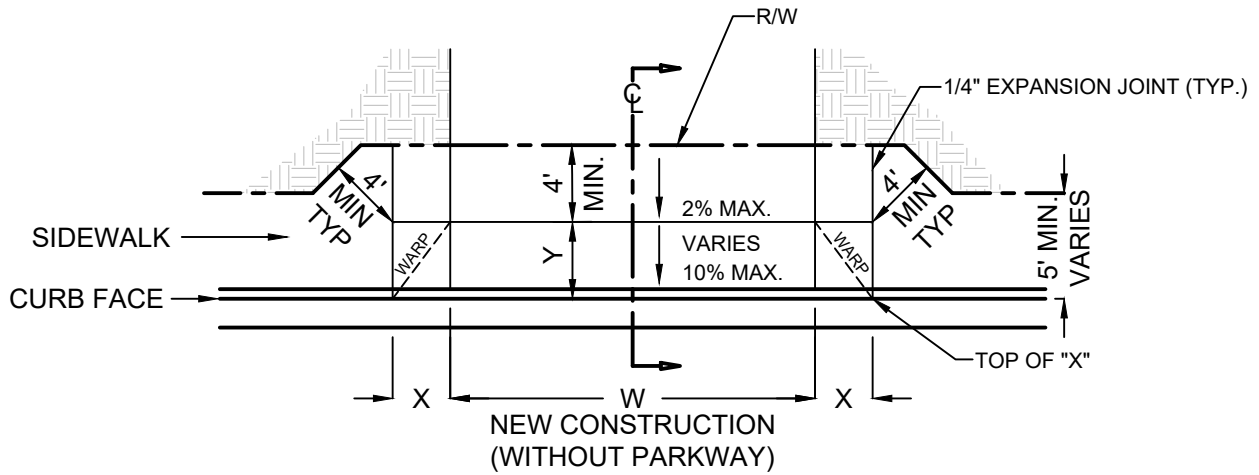
ADOPTED BY BOARD OF SUPERVISORS: 02-04-2020

REVISION DATE:	DESCRIPTION:	APPROVED:
01/15/2020	Changed driveway standard to Plate E-2b	J P
		RECOMMENDED:
		D F

**COUNTY OF VENTURA
PUBLIC WORKS AGENCY**

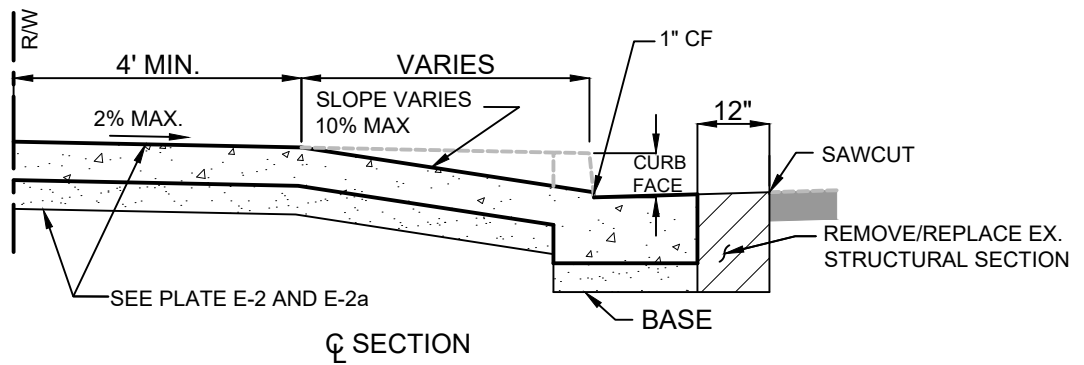
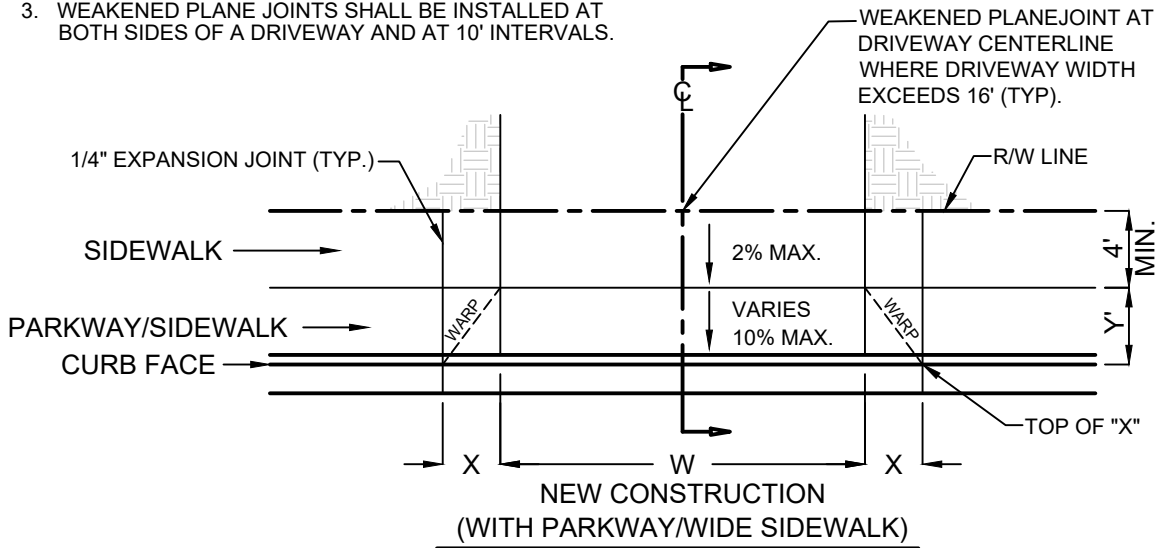
ROAD STANDARDS

COMMERCIAL DRIVEWAYS



NOTES:

1. FOR CURB FACE 6" OR LESS, X=3', Y=4'
2. FOR CURB FACE >6", PER SPPWC STD. PLAN 110-2.
3. WEAKENED PLANE JOINTS SHALL BE INSTALLED AT BOTH SIDES OF A DRIVEWAY AND AT 10' INTERVALS.



ADOPTED BY BOARD OF SUPERVISORS: 02-04-2020

REVISION DATE:	DESCRIPTION:	APPROVED:
		JP
		RECOMMENDED:
		DF

COUNTY OF VENTURA
PUBLIC WORKS AGENCY

ROAD STANDARDS

DRIVEWAY
DETAILS

3. SIDEWALKS

The requirements for installing sidewalks are shown on B-Series plates.

3.1 Design & Construction

- 3.1.1 Sidewalks shall be constructed per SPPWC Standard Plan 112.
- 3.1.2 Sidewalks shall be constructed of PCC, 4 inches thick. At driveways, sidewalks shall meet the requirements of Plates E-2 and E-2a.
- 3.1.3 Where roadway subgrade has a R-value ≤ 14 , 4 inches of PMB shall be placed under the sidewalks.
- 3.1.4 Concrete class and construction shall be as specified in Plate A-7.

3.2 Curb Ramps

Curb ramps, as required by the Americans With Disabilities Act and state law, shall be installed at all intersections. Construction shall be per SPPWC Standard Plan 111-5, Case A. Sidewalks, sidewalk flares at intersections and right-of-way widths may have to be increased to accommodate ramp design.

4. SURFACE ACCESS TO UNDERGROUND FACILITIES (MANHOLES, etc.):

All surface accesses to underground facilities located within a sidewalk, side path or a marked or unmarked (Vehicle Code 275) crosswalk area of a roadway, shall meet the following requirements:

- 1 Covers shall support a load of 500 lbs. applied to a 1 in. diameter area at any location on the cover. The deflection, when so loaded, shall not exceed 1% of the longest dimension of the cover. There shall be no residual deflection after the load is removed. Plastic covers shall be ultraviolet resistant. Covers located in roadways, driveways or other locations to which vehicles have access, shall be designed for traffic loading.
- 2 No variation in the surface of the access closure shall exceed 1/8" from the surrounding surface.
- 3 No opening in the access closure shall exceed 1/2 in. in width nor 2 1/2" in length. Circular openings shall not exceed 3/4 in. in diameter.
- 4 Hold down fastenings shall be flush with the surface of the access closure.
- 5 The exposed surface of the access closure shall have a permanent slip resistant surface.
- 6 The resultant finished access closure, as installed, shall not result in a significant variation in the sidewalk, side path or crosswalk surface that will cause a hazard to pedestrian use.

ADOPTED BY BOARD OF SUPERVISORS: 05-16-2017

**COUNTY OF VENTURA
PUBLIC WORKS AGENCY**

REVISION
DATE:

DESCRIPTION:

APPROVED BY:

J P

ROAD STANDARDS

RECOMMENDED BY:

D F

**SIDEWALKS AND
SURFACE ACCESS CLOSURES**