

CITY OF WOODLAND
COMMUNITY DEVELOPMENT DEPARTMENT



PROJECT STUDY REPORT FOR:
BIKE AND PEDESTRIAN CONNECTIVITY PROJECT

NOVEMBER 2025

CITY OF WOODLAND

Bike and Pedestrian Connectivity Project

Project Study Report

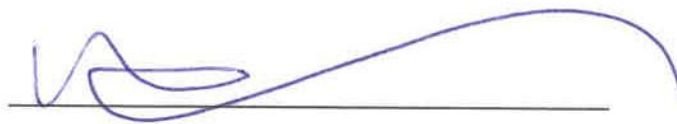
This Project Study Report has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions and decisions are based.

Prepared by:



Clara Olmedo, EIT, Associate Engineer

Approved by:



Katie Wurzel, PE, Principal Engineer



Background:

This project is aligned with or listed in several City of Woodland plans including the Active Transportation Plan, General Plan, Climate Action Plan, and the Local Road Safety Plan (LRSP).

Repair of the roadways and improvements to the bicycle and pedestrian facilities on city's corridors are the highest priorities for our community based directly on public outreach feedback. The City's General Plan, Active Transportation Plan and Climate Action Plan, Local Road Safety Plan and the Spring Lake Specific Plan highlight the need for improved bike/ped infrastructure throughout the City. Based on this, the City's highest active transportation priority is improving the current bicycle and pedestrian network and eliminating network gaps or barriers – especially on the older, west side of town.

Project Need:

The project modernizes facilities on three corridors improving the movement of multi-modal travel for all users/modes of travel, including, pedestrians, and bicyclists. The project corridors are Beamer Street from Cottonwood Street to East Street (1.4 mi.), Cross Street from West Street to East Street (1.0 mi.) and College Street from Kentucky Road to Gibson Street (2.0 mi.). All of them are in the older west side of town.

This project will rehabilitate pavement to improve pavement quality and extend the life of the roadway. Where space is available, travel lanes will be narrowed to slow down traffic and to provide space for installation of buffered bike lanes upon completion of pavement rehabilitation. In addition, the project will add new class II bike lanes, new Class III bike routes, enhance/upgrade crosswalks, installation of sidewalk, add/upgrade ADA ramps and provide signal modifications to improve bike/pedestrians safety to intersections. (See Attachment A: Project Plans for details on improvements).

It will provide safety and mobility improvements to people within the community, including students to eight schools including elementary, middle schools and a high school within or adjacent to project boundaries and whose students qualify for the Free-Reduced Meals Program (FRPM).

The eight schools include Dingle Elementary, Beamer Elementary, Woodland High School, and Douglass Middle School that are within the project limits. The project also benefits students traveling through disadvantaged communities to Freeman Elementary, Maxwell Elementary, Cesar Chavez Community School and Lee Middle School which are within 1/4 to 1/2 miles of the project boundaries.

This project is a priority because the total population of students at the targeted schools is approximately 4306 students, which represents almost half of the Woodland Joint Unified School District's student population. The project will also improve access to other users to nearby commercial centers, parks, transit stops, and residential developments that provide a mix of origins and destinations within walking and biking distance.

Project Scope:

College Street from Kentucky Way to Gibson Street, Beamer Street from Cottonwood Street to East Street and Cross Street from West Street to East Street corridors, on the west side of Woodland, California. Improvements include, pavement rehabilitation, installing new buffered bike lanes, new class II bike lanes, new Class III bike routes, enhance/upgrade crosswalks, sidewalk, add/upgrade ADA ramps and provide signal modifications for pedestrians and bicyclists safety to intersections.

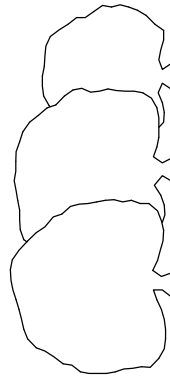
Project Status:

This project is currently in the pre-design phase and ready to move forward as follows:

- Design – Spring 2026
- Advertisement and bid – Spring 2027
- Award and Execute Project – Spring 2027
- Begin Construction – Summer 2027
- Project Close-out – Fall 2029

Attachments:

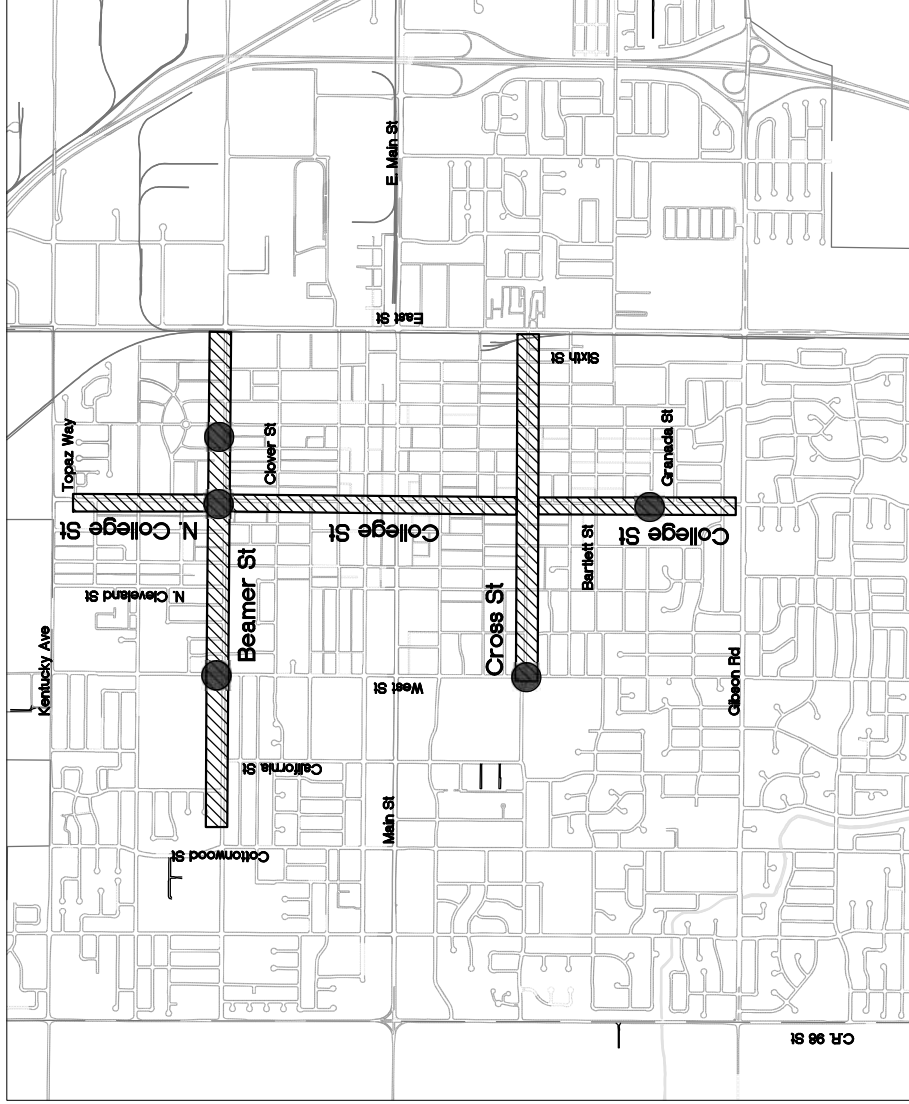
- A. Proposed Project Plan**
- B. Project Programming Request**
- C. Engineer's Estimate**



CITY OF WOODLAND

Attachment D

Bicycle and Pedestrian Connectivity Improvement Project



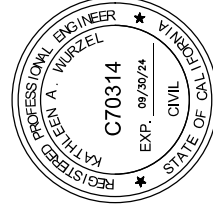
SHEET INDEX

- 1 COVER SHEET
- 2 DETAILS
- 3-7 LAYOUTS & CROSS-SECTIONS (COLLEGE STREET)
- 8-12 LAYOUTS & CROSS-SECTIONS (BEAMER STREET)
- 13-15 LAYOUTS & CROSS-SECTIONS (CROSS STREET)

● Bicycle/Pedestrian Improvements

▨ Pavement Restoration Bike Lane Improvements

PRELIMINARY NOT FOR CONSTRUCTION

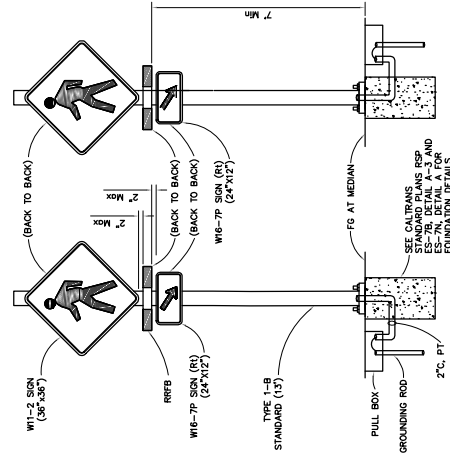


PROJECT MAP

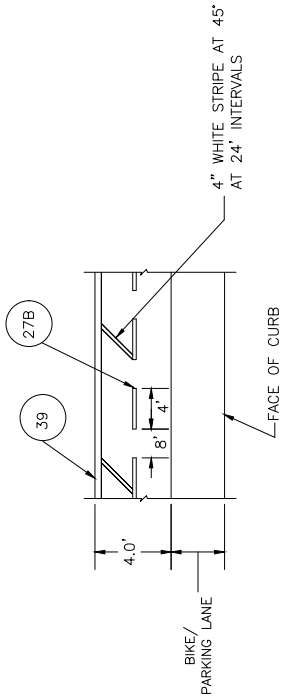
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DRAWN BY SPA	NO. DESCRIPTION	ELEVATION: N/A	ENGINEER'S SIGNATURE	APPROVED BY:	CONNECTIVITY IMPROVEMENT PROJECT	NO. N/A	NO. 1
REVIEWED BY KW	BT DATE	DATE: N/A	DATE: 12/20/24	DATE:	COVER SHEET	DATE: N/A	OF 15
FILE:	APR. DATE	DESCRIPTION	BY: Kathleen Wurzel DATE: 12/20/24 REGISTRATION EXP: 09/30/24	300 FIRST ST., WOODLAND, CA 95665 (530) 961-5961		PROJECT NO.	

GENERAL NOTES:

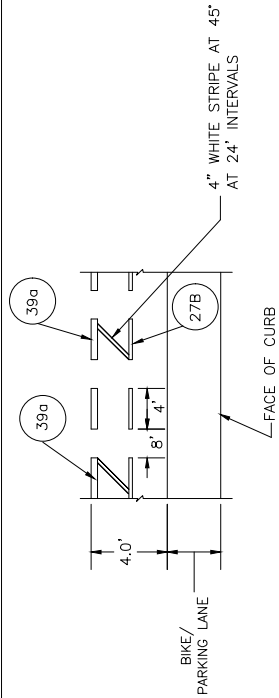
- 1. ALL STRIPING SHALL BE THERMOPLASTIC, PER SECTION 16 OF THE MATERIALS AND CONSTRUCTION METHODS – CITY OF WOODLAND STANDARD SPECIFICATIONS AND DETAILS, UNLESS OTHERWISE NOTED.
- 2. ALL MARKINGS ARE TO BE PLACED PER THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 3. THERMOPLASTIC MARKINGS ARE NOT TO BE PLACED OVER UTILITY COVERS.
- 4. WHEN ANY PORTION OF A LEGEND IS DAMAGED OR REMOVED IT SHALL BE REPLACED IN ITS ENTIRETY.
- 5. WHEN ANY PORTION OF A CROSSWALK OR STOP BAR IS DAMAGED OR REMOVED, THE DAMAGED/REMOVED AREA SHALL BE REPLACED AND THE ENTIRE CROSSWALK/STOP BAR SHALL BE REFRESHED WITH NEW THERMO IN ITS ENTIRETY.
- 6. WHEN ANY CROSSWALK IS AFFECTED AT AN INTERSECTION OR CROSSING WITH MULTIPLE CROSSWALKS, ALL CROSSWALKS SHALL BE REFRESHED WITH NEW THERMO IN THEIR ENTIRETY.
- 7. WHEN ANY PORTION OF A CENTERLINE, LANE LINE OR BIKE LANE IS DAMAGED OR REMOVED, IT SHALL BE REPLACED FOR THE FULL LENGTH OF DAMAGE/REMOVAL PLUS 10 FEET ON EITHER SIDE OF THE DAMAGE/REMOVAL AREA.



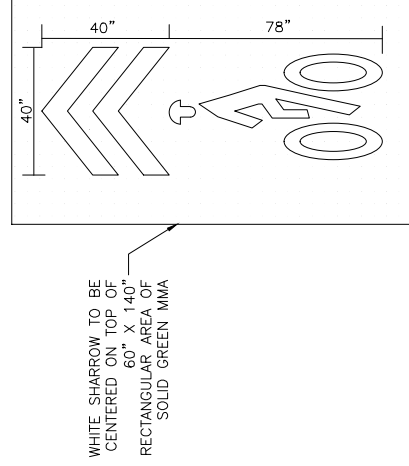
1 RECTANGULAR RAPID-FLASHING BEACONS
NOT TO SCALE



2 BUFFERED BIKE LANE
NOT TO SCALE



3 BUFFERED BIKE LANE NEAR INTERSECTION
NOT TO SCALE

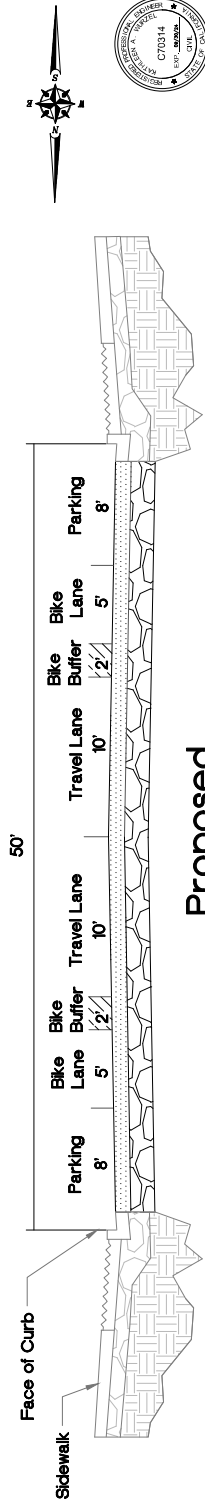
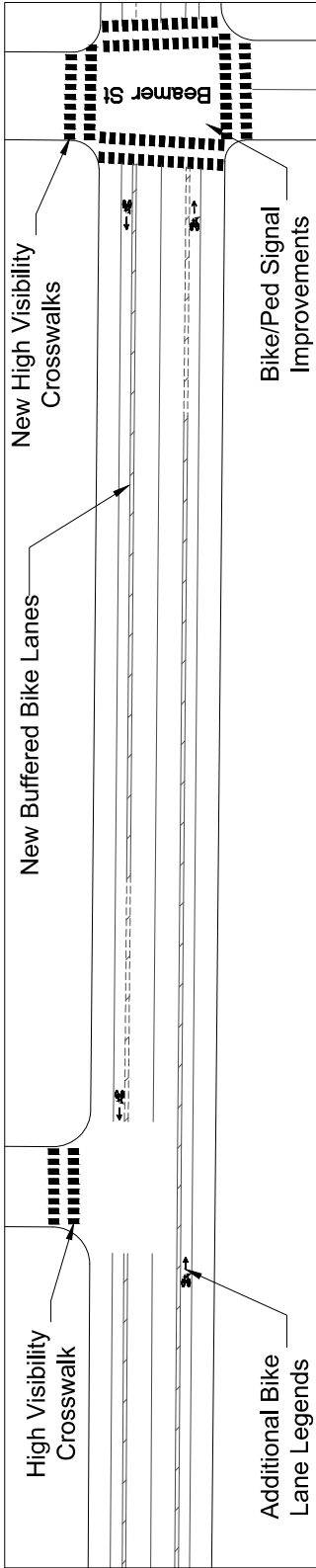
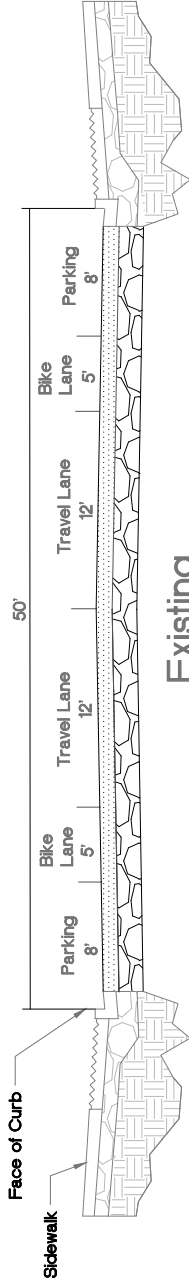


4 BIKE SHARROWS
NOT TO SCALE

N. College Street (Topaz Way to Beamer St)



Existing



Proposed

Attachment D

City of Woodland
Bike/Ped Connectivity Improvements
N. College Street
Topaz Way to Beamer St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. C20314
REGISTRATION EXP: 09/30/2024

SCALE:
HORIZ: _____ VERT: _____
DATE: _____

DESIGNED BY KATHLEEN WURZEL
DRAWN BY SRA
REVIEWED BY KATHLEEN WURZEL
FILE:

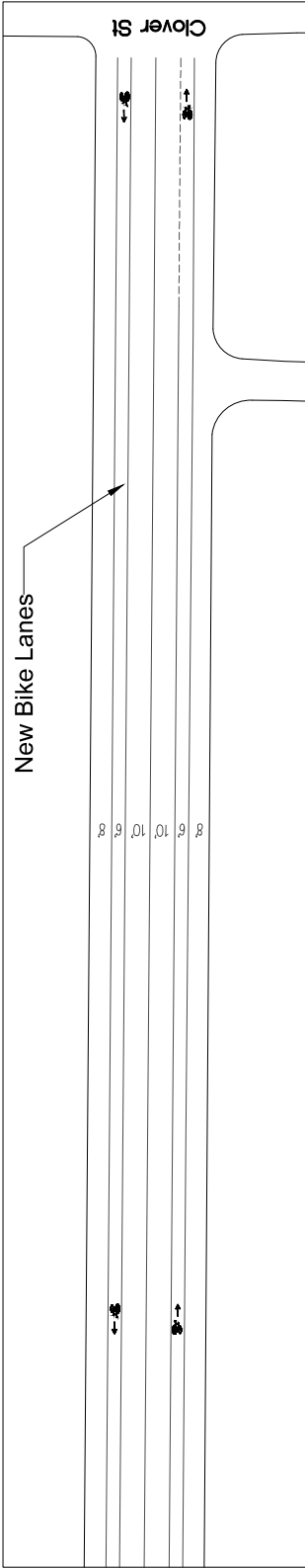
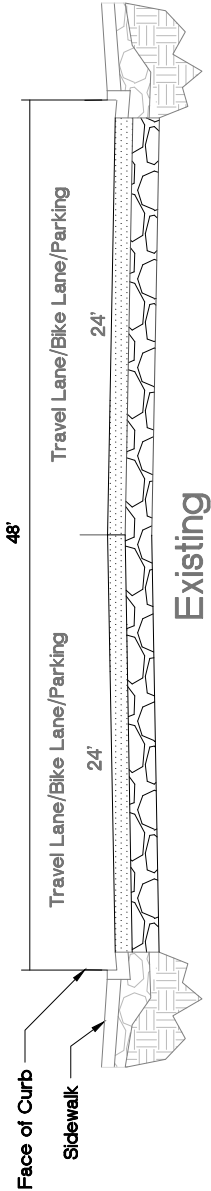
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		APPR.	DATE

College Street (Beamer St to Clover St)

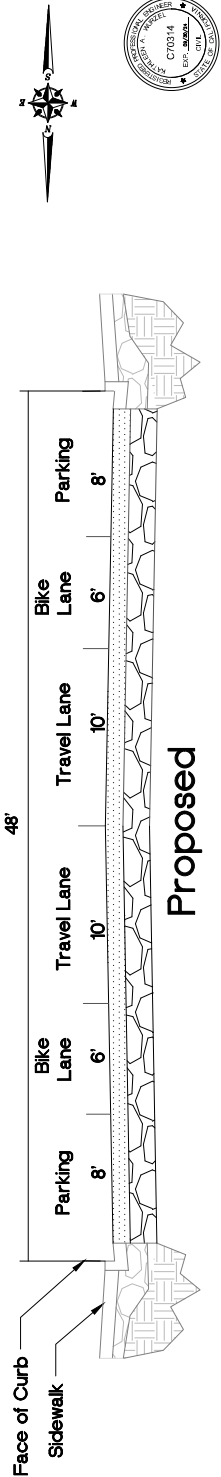
Attachment D



Existing



Proposed



City of Woodland
Bike/Ped Connectivity Improvements
College Street
Beamer St to Clover St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. C70314
REGISTRATION EXP: 09/30/2024

SCALE:
HORIZ: _____ VERT: _____
DATE: _____

DESIGNED BY KATHLEEN WURZEL
DRAWN BY SPA
REVIEWED BY KATHLEEN WURZEL
FILE:

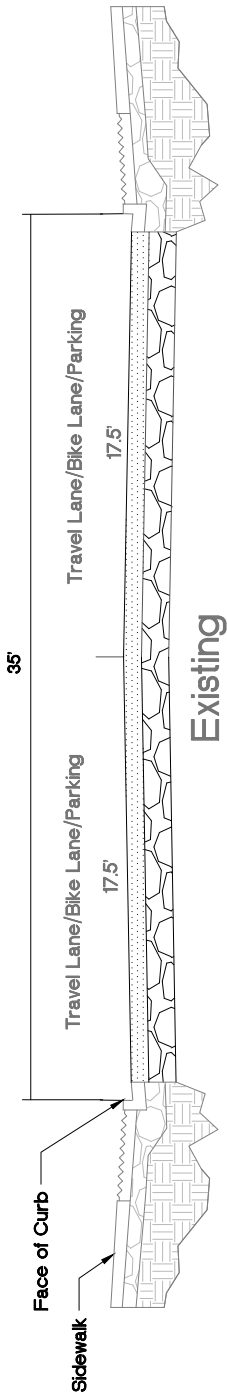
REVISIONS		BY	DATE
NO.	DESCRIPTION	APPR.	DATE

College Street (Clover St to Bartlett Ave)

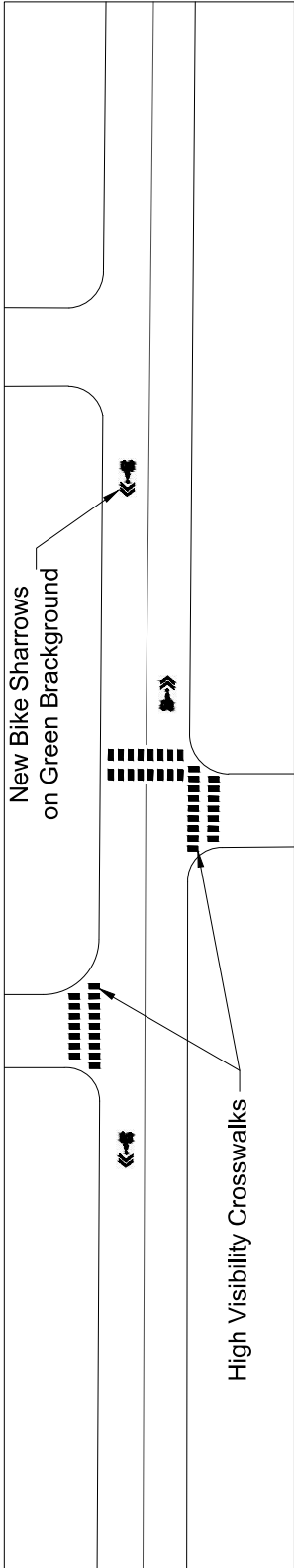
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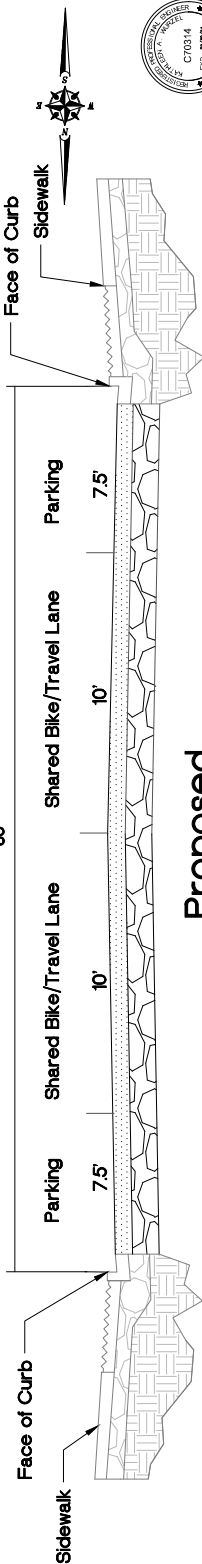
Existing



Existing



Proposed



Proposed



City of Woodland
Bike/Ped Connectivity Improvements
College Street
Clover St to Bartlett Ave
Typical Layout and Cross Sections

BENCH MARK: ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY: Brent Meyer
City Engineer
DATE: 6/12/2024

PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
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DATE: 6/12/2024 P.E. C20314
REGISTRATION EXP: 09/30/2024

SCALE: HORIZ. _____ VERT. _____
DATE: _____

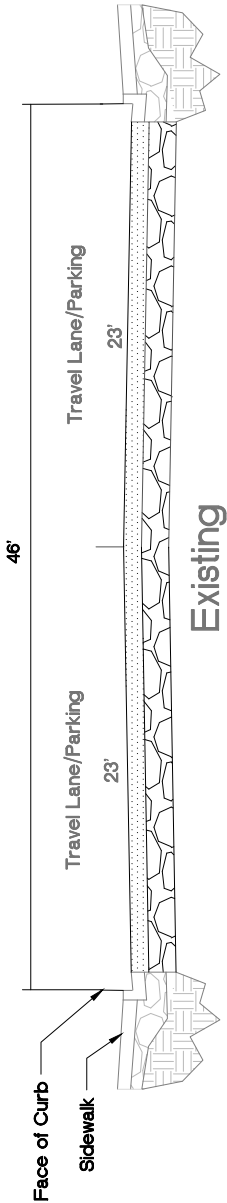
DESIGNED BY: KATHLEEN WURZEL
DRAWN BY: SPA
REVIEWED BY: KATHLEEN WURZEL
FILE:

REVISIONS		BY	DATE
NO.	DESCRIPTION	APPR.	DATE

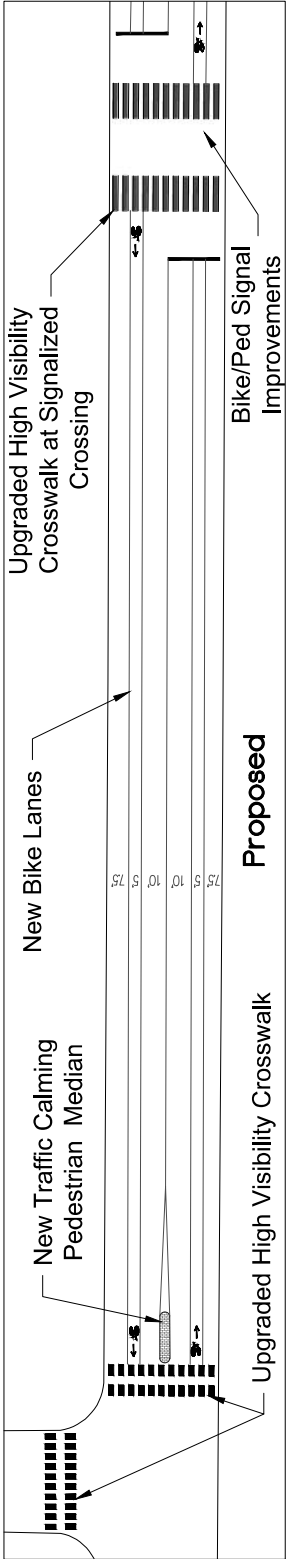
College Street (Bartlett Ave to Granada Dr) at Douglass Middle School



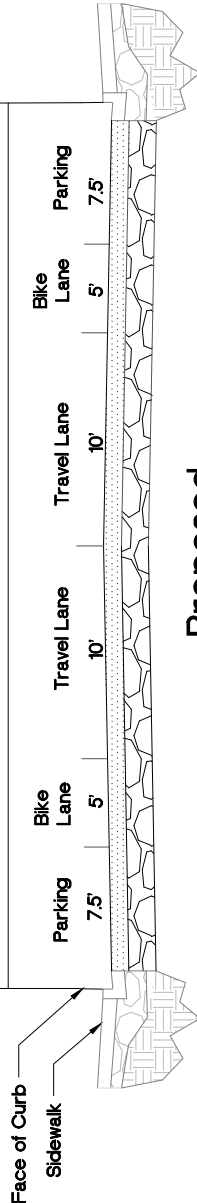
Existing



Existing



Proposed



Proposed



Attachment D

City of Woodland
Bike/Ped Connectivity Improvements
College Street
Bartlett Ave to Granada Dr
Typical Layout and Cross Sections

BENCH MARK: ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY: Brent Meyer
City Engineer
DATE: 6/12/2024

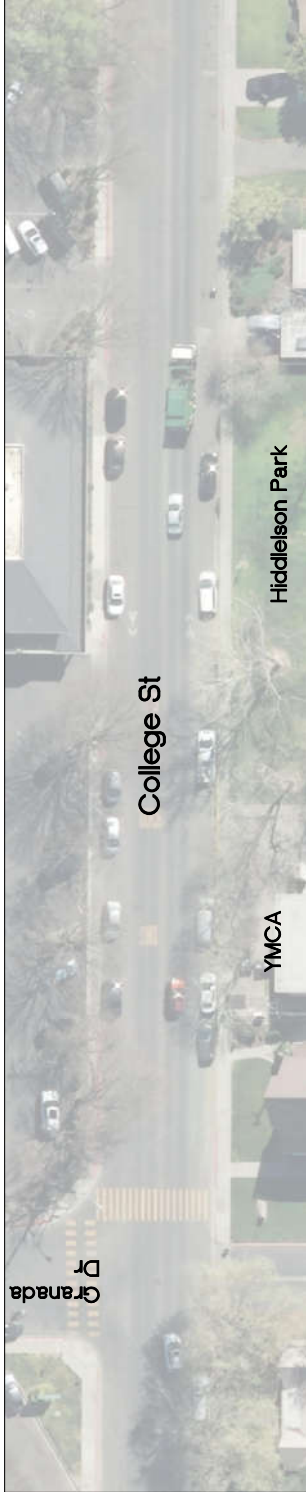
PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. CT0314
REGISTRATION EXP: 09/30/2024

SCALE: HORIZ. _____ VERT. _____
DATE: _____

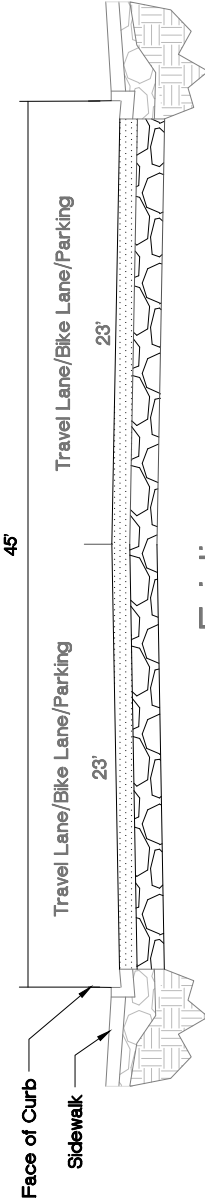
DESIGNED BY: KATHLEEN WURZEL
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REVISIONS		BY	DATE
NO.	DESCRIPTION	APPL.	DATE

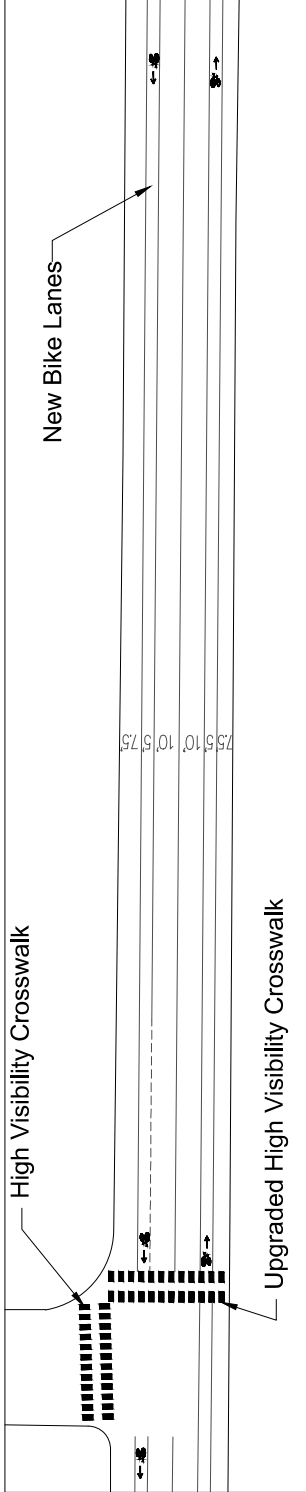
College Street (Granada Dr to Gibson Rd)



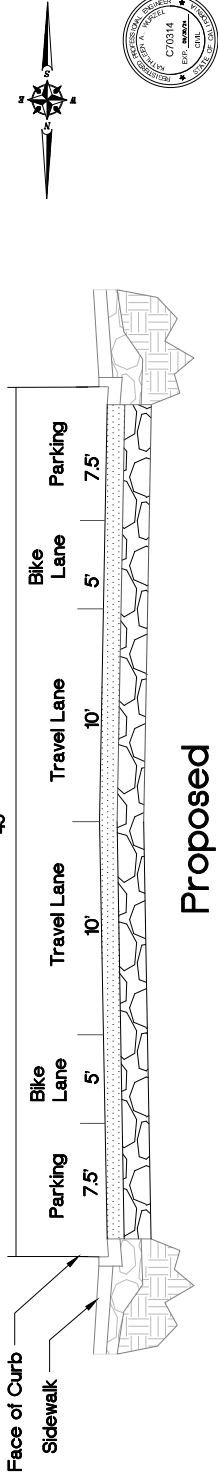
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Existing



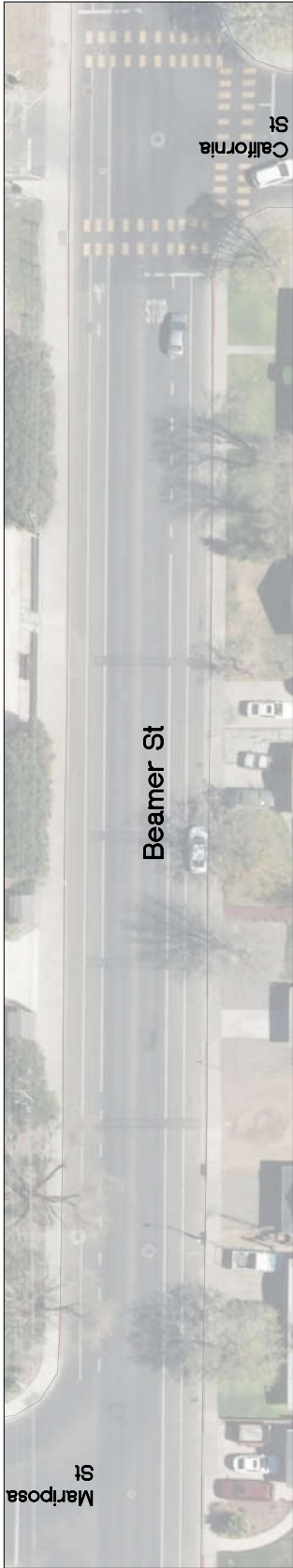
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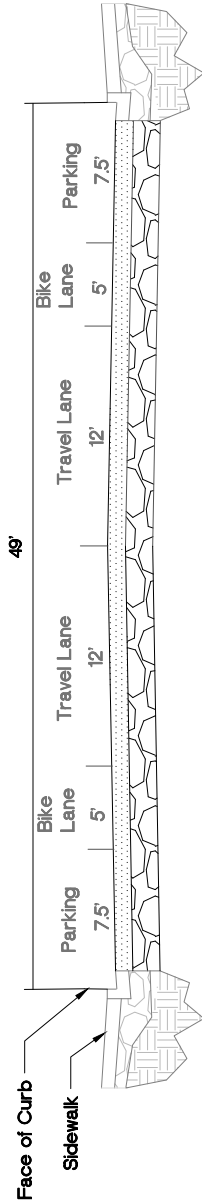
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Beamer St (Cottonwood St to California St)

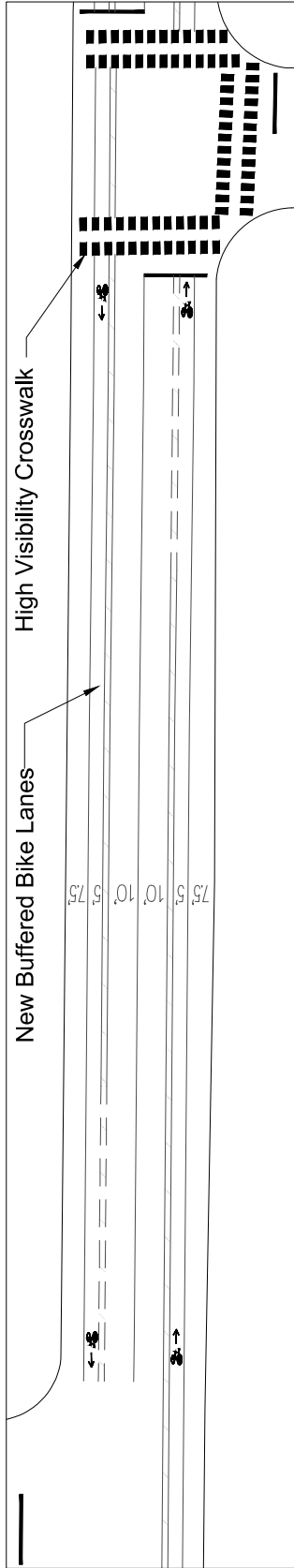
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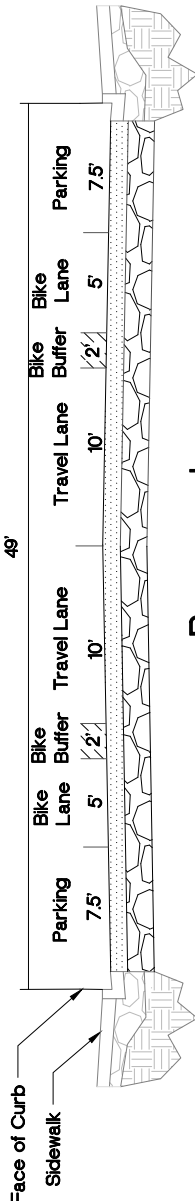
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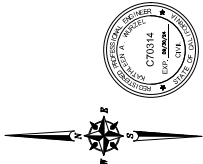
Existing



Proposed



Proposed



City of Woodland
Bike/Ped Connectivity Improvements
Beamer Street
Cottonwood St to California St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATE: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. C20314
REGISTRATION EXP: 09/30/2024

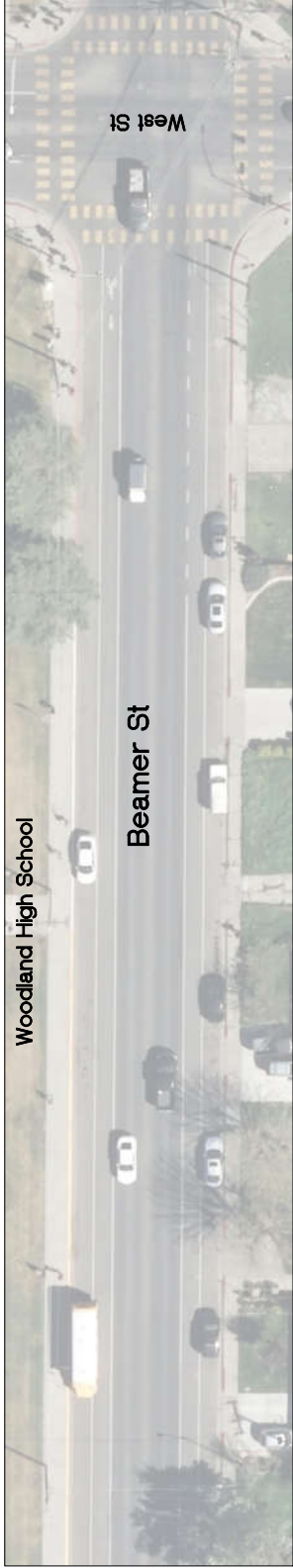
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HORIZ: _____ VERT: _____
DATE: _____

DESIGNED BY KATHLEEN WURZEL
DRAWN BY SPA
REVIEWED BY KATHLEEN WURZEL
FILE:

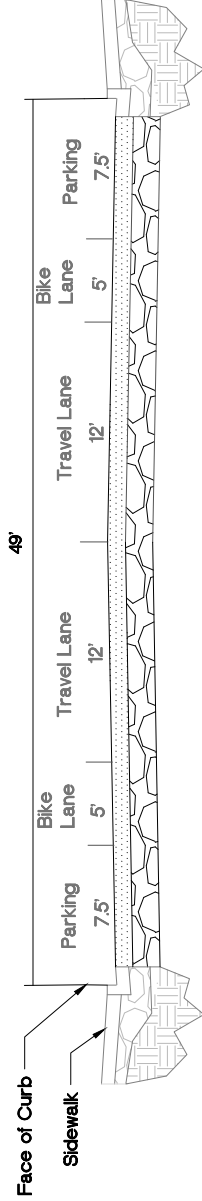
NO.	REVISIONS DESCRIPTION	BY	DATE
		APPR.	DATE

Beamer St (California St to West St)

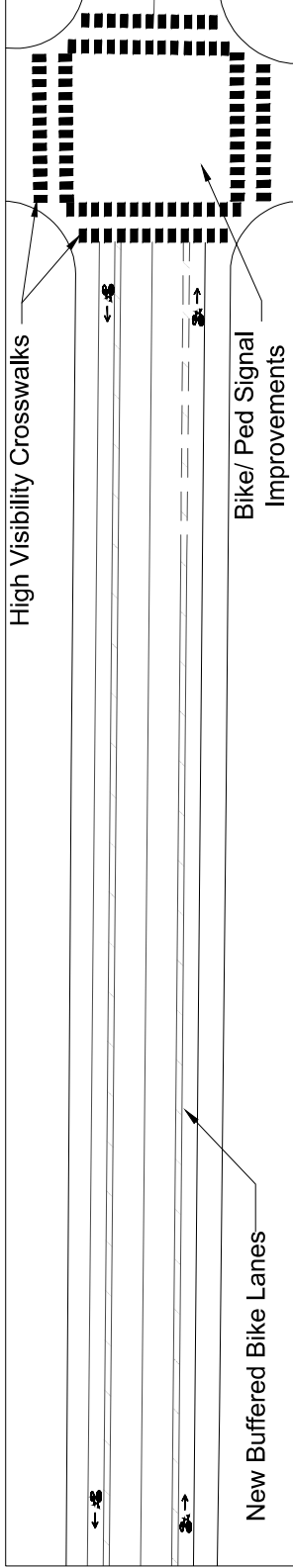
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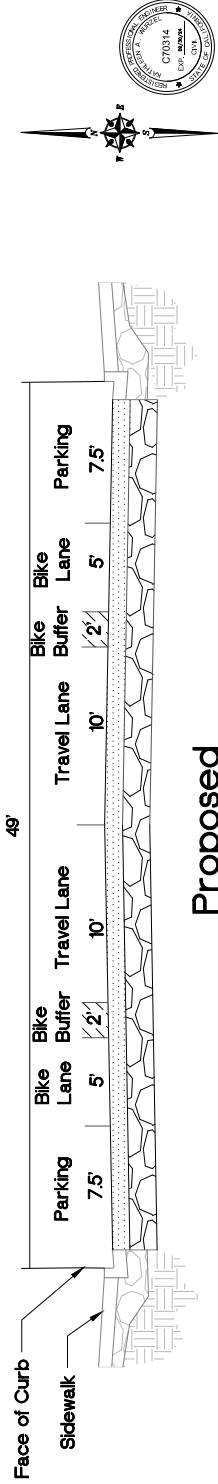
Existing



Existing



Proposed



Proposed

City of Woodland
Bike/Ped Connectivity Improvements
Beamer Street
California St to West St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

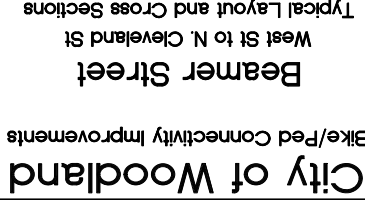
PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. C70314
REGISTRATION EXP: 09/30/2024

SCALE:
HORIZ. _____ VERT. _____
DATE: _____

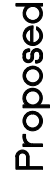
DESIGNED BY KATHLEEN WURZEL
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REVIEWED BY KATHLEEN WURZEL
FILE:

NO.	REVISIONS DESCRIPTION	BY	DATE
		APPR.	DATE

Attachment D



-
- Proposed**
- New Traffic Calming and Pedestrian Median with Rectangular Rapid Flashing Beacon
- Upgraded High Visibility Crosswalk
- New Traffic Calming and Pedestrian Median with Rectangular Rapid Flashing Beacon
- New Bike Sharrows on Green Background
- Face of Curb
- Sidewalk
- Parking 8'
- Shared Bike/Travel Lane 14'
- Shared Bike/Travel Lane 14'
- Parking 8'
- 44' Typical*
- Face of Curb
- Sidewalk
- Parking 8'
- Shared Bike/Travel Lane 14'
- Shared Bike/Travel Lane 14'
- Parking 8'
- *Typical
- N
- Source: National Center for Safe Bicycling

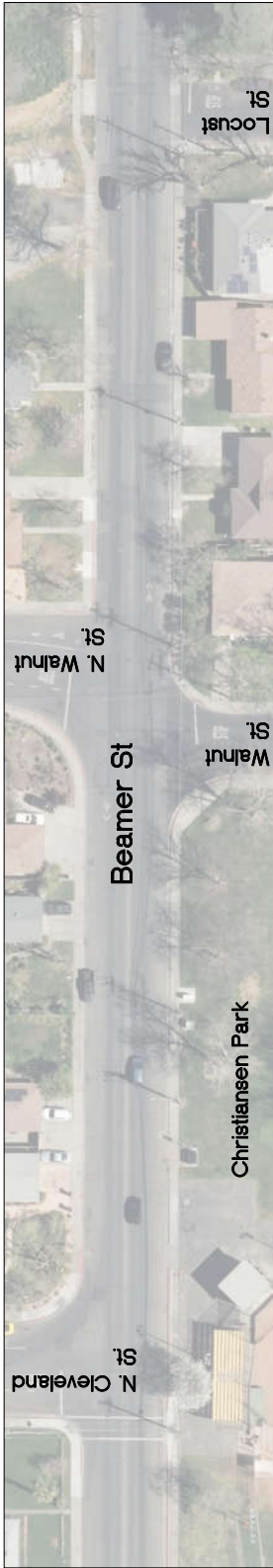


- Roadway section varies from 40–44 ft with average width of 44 ft. Striping through the corridor will provide 8 ft min. for parking and 12 ft min for shared Bike/Travel lane width.

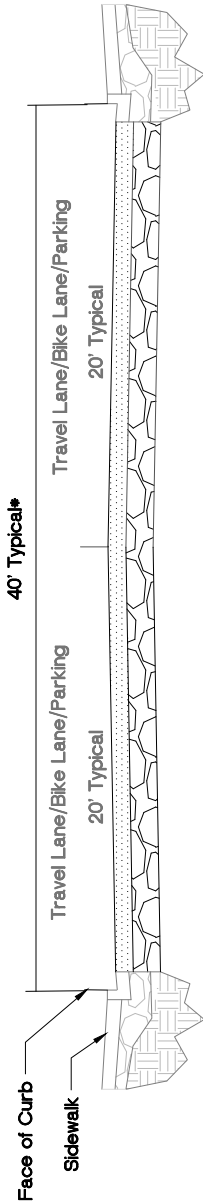
[illegible]

Beamer St (N. Cleveland to College St)

Attachment D

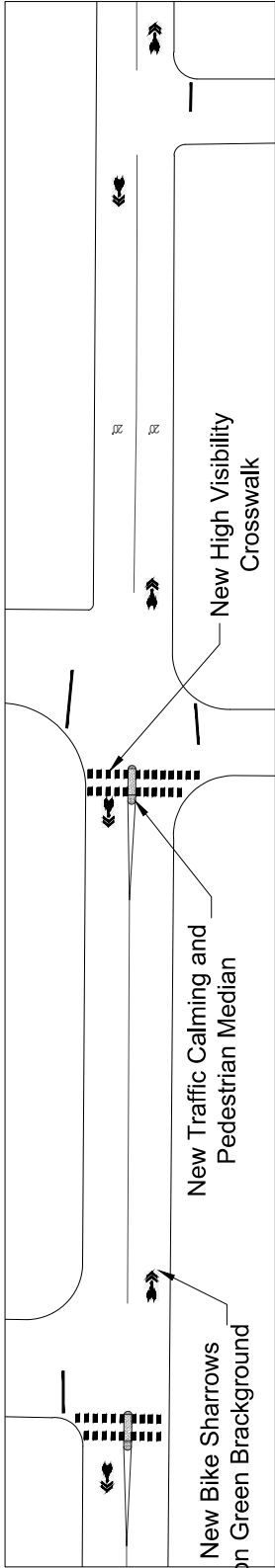


Existing



Existing

- Roadway section varies from 40-44 ft with average width of 40 ft.



Proposed

- Roadway section varies from 40-44 ft with average width of 40 ft. Striping through the corridor will provide 8 ft min. for parking and 12 ft min for shared Bike/Travel lane width.

Proposed

City of Woodland
Bike/Ped Connectivity Improvements
Beamer Street
N. Cleveland St to College St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATE: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. C20314
REGISTRATION EXP: 09/30/2024

SCALE:
HORIZ. _____ VERT. _____
DATE: _____

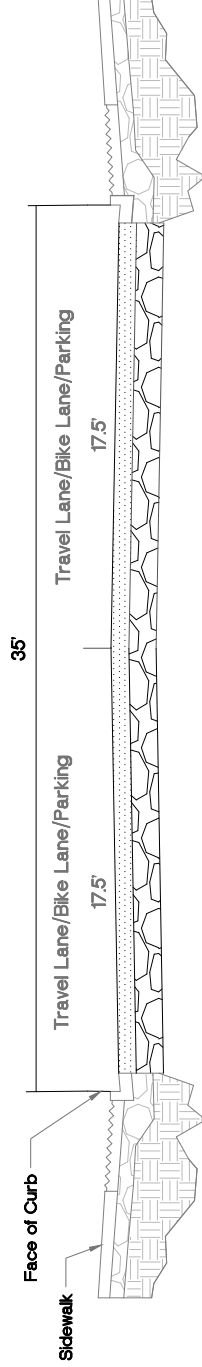
DESIGNED BY KATHLEEN WURZEL
DRAWN BY SPA
REVIEWED BY KATHLEEN WURZEL
FILE:

NO.	REVISIONS DESCRIPTION	BY	DATE
		APPR.	DATE

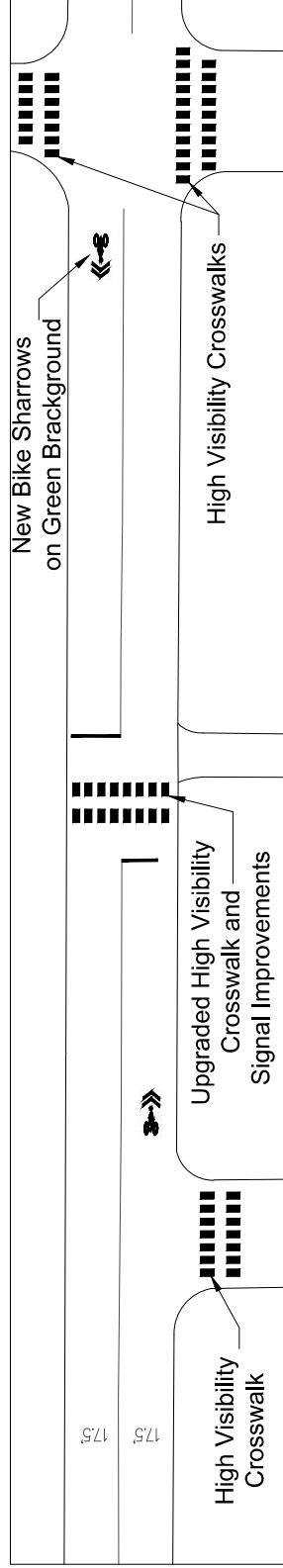
SHEET 11 OF 15

Beamer St (College St to East St)

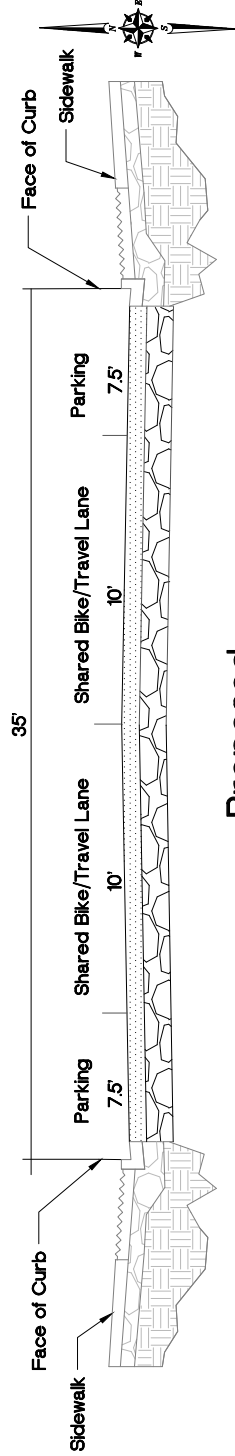
Attachment D



Existing



Proposed



Proposed

City of Woodland
Bike/Ped Connectivity Improvements
Beamer Street
College St to East St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

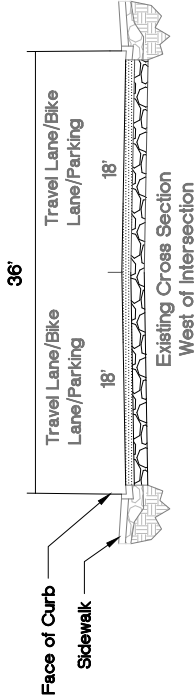
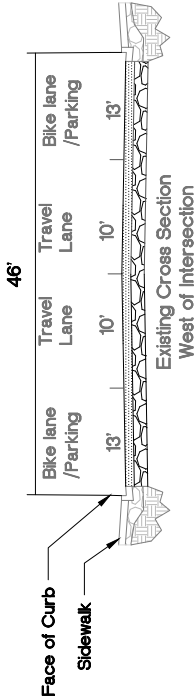
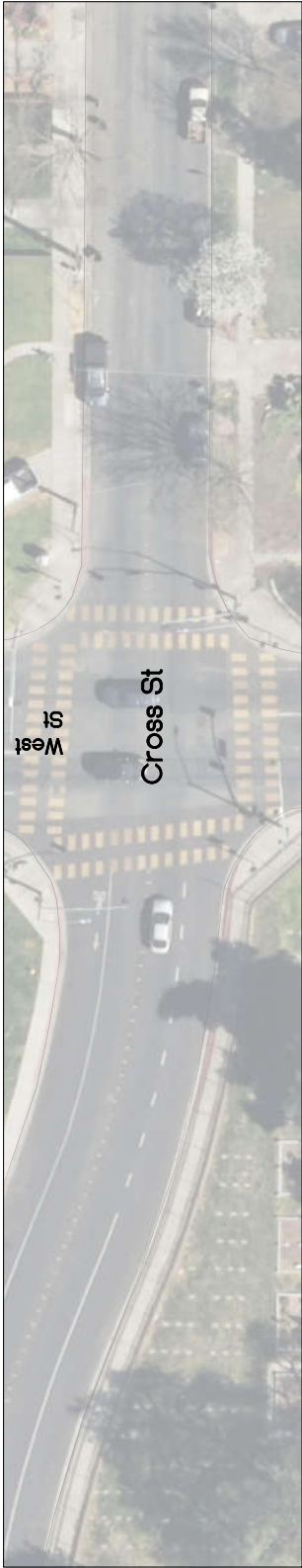
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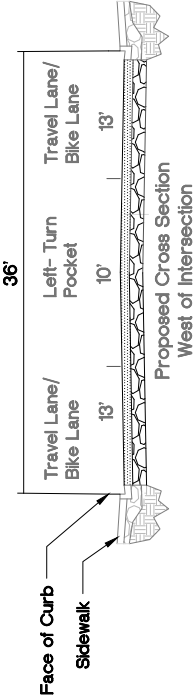
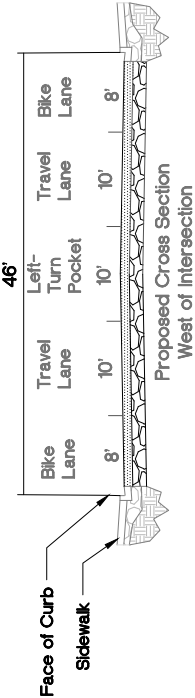
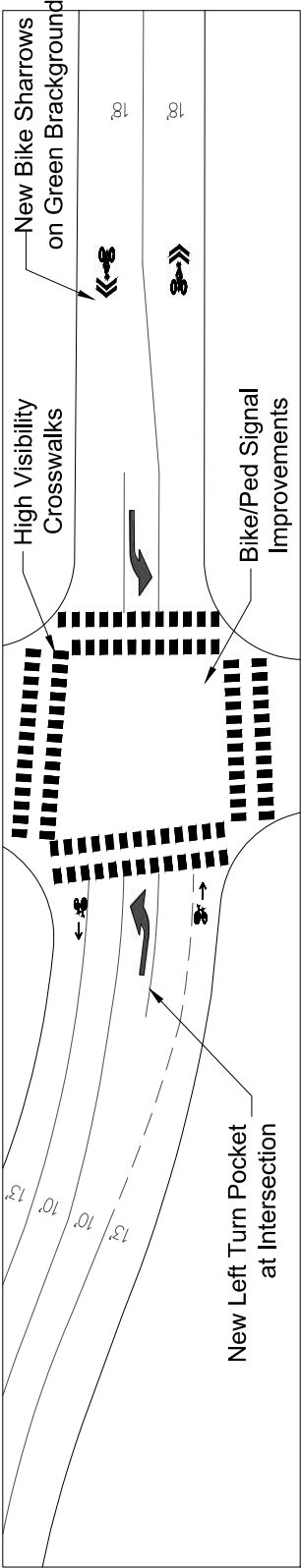
DESIGNED BY KATHLEEN WURZEL
DRAWN BY SPA
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FILE:

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		APPR.	DATE

Cross Street and West Street Intersection



Existing



Proposed

Attachment D

City of Woodland
Bike/Ped Connectivity Improvements
Cross Street
West St Intersection
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATE: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

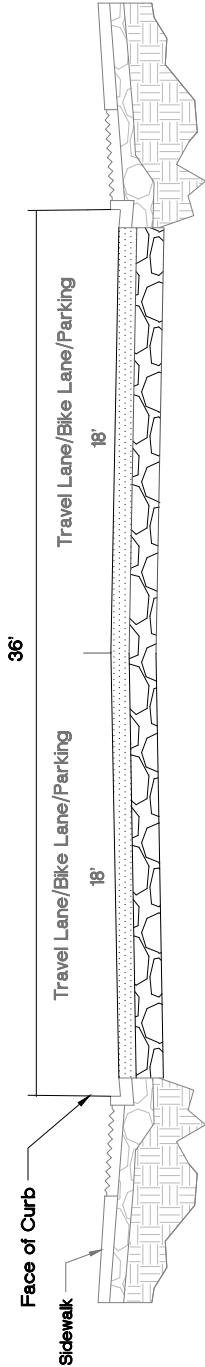
PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. C20314
REGISTRATION EXP: 09/30/2024

SCALE:
HORIZ. _____ VERT. _____
DATE: _____

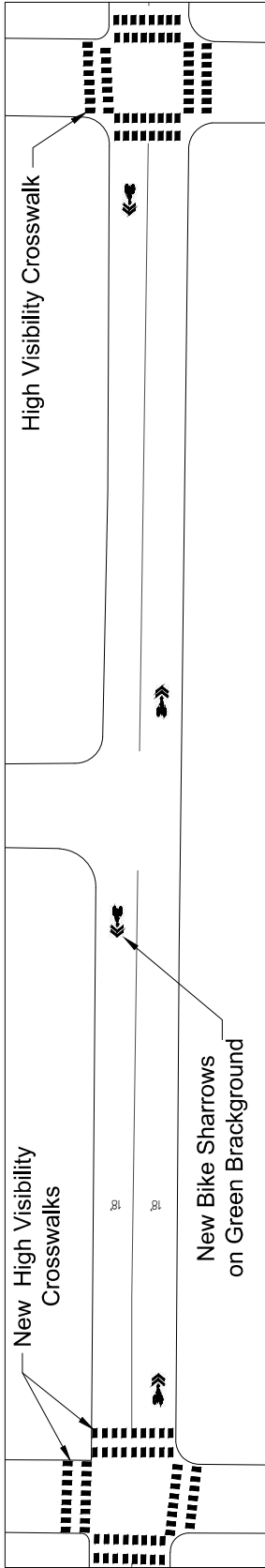
DESIGNED BY: KATHLEEN WURZEL
DRAWN BY: SPA
REVIEWED BY: KATHLEEN WURZEL
FILE:

NO.	REVISIONS DESCRIPTION	BY	DATE
		APPR.	DATE

Cross Street (West St. to Sixth St)



Existing



Proposed

Attachment D

City of Woodland
Bike/Ped Connectivity Improvements
Cross Street
West St to Sixth St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

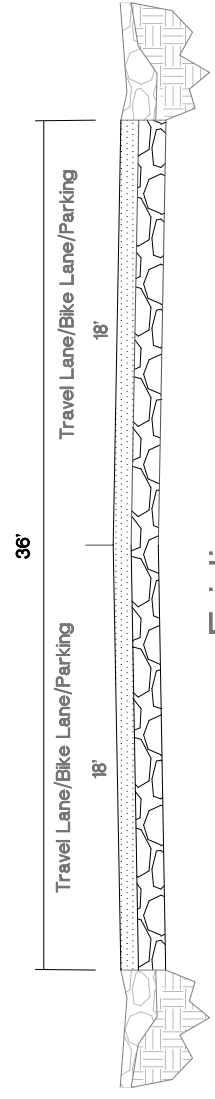
PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. 020314
REGISTRATION EXP: 09/30/2024

SCALE:
HORIZ: _____ VERT: _____
DATE: _____

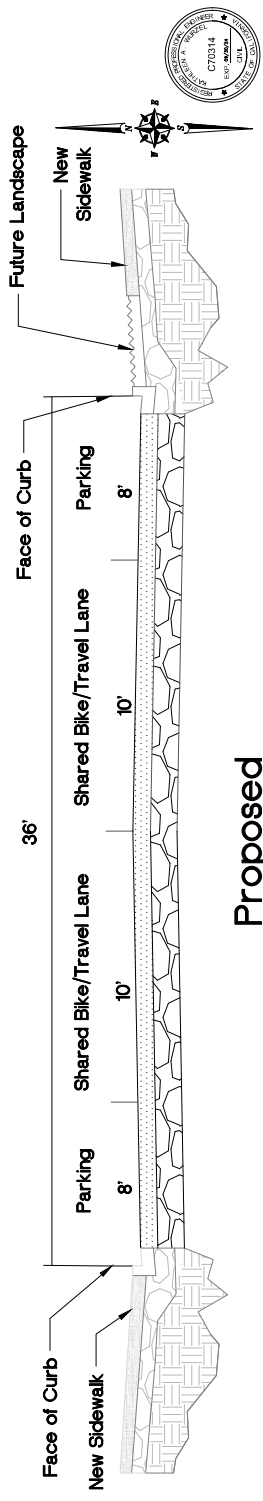
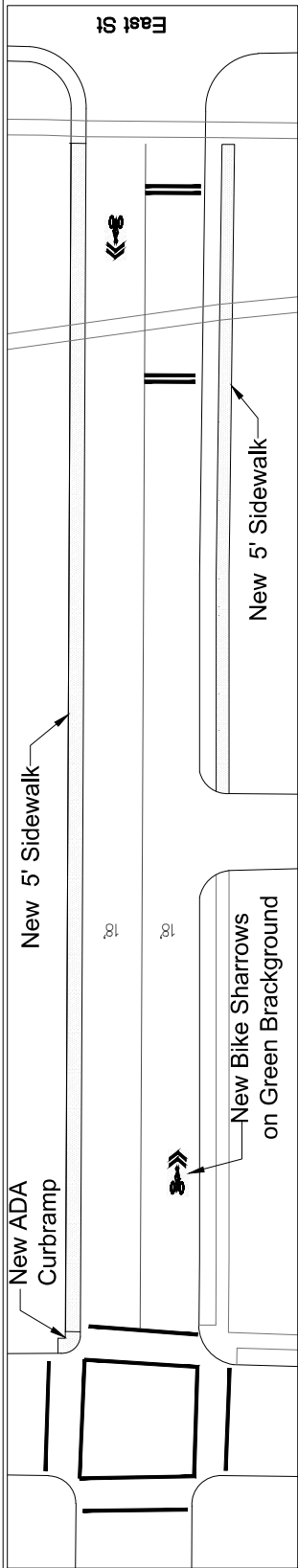
DESIGNED BY: KATHLEEN WURZEL
DRAWN BY: SPA
REVIEWED BY: KATHLEEN WURZEL
FILE:

NO.	REVISIONS DESCRIPTION	BY	DATE
		APPR.	DATE

Cross Street (Sixth St to East St)



Existing



Proposed

Attachment D

City of Woodland
Bike/Ped Connectivity Improvements
Cross Street
Sixth St to East St
Typical Layout and Cross Sections

BENCH MARK:
ELEVATION: N/A DATUM: N/A
DESCRIPTION:

CITY OF WOODLAND
APPROVED BY:
Brent Meyer
City Engineer
DATE: 6/12/2024

PROJECT ENGINEER'S SIGNATURE
BY: Kathleen Wurzel
Principal Civil Engineer
DATE: 6/12/2024 P.E. C20314
REGISTRATION EXP: 09/30/2024

SCALE:
HORIZ: _____
VERT: _____
DATE: _____

DESIGNED BY: KATHLEEN WURZEL
DRAWN BY: SPA
REVIEWED BY: KATHLEEN WURZEL
FILE:

NO.	REVISIONS DESCRIPTION	DATE	BY	DATE
		APPL.		

Project Title			
Bicycle and Pedestrian Connectivity Improvement Project			
Location (Project Limits), Description (Scope of Work)			
College Street from Kentucky Way to Gibson Street, Beamer Street from Cottonwood Street to East Street and Cross Street from West Street to East Street corridors, on the west side of Woodland, California. Improvements include, pavement rehabilitation, installing new buffered bike lanes, new class II bike lanes, new miles of Class III bike routes, enhance/upgrade crosswalks, sidewalk, add/upgrade ADA ramps and provide signal modifications for pedestrians and bicyclists safety to intersections.			
Lead Project Sponsor		Project Partner (if applicable)	
City of Woodland			
Project Manager Name		Phone	E-mail Address
Clara Olmedo		(530) 867-6094	clara.olmedo@cityofwoodland.gov
Component	Implementing Agency		
PA&ED	City of Woodland		
PS&E	City of Woodland		
Right of Way	City of Woodland		
Construction	City of Woodland		
Project Milestone			Completed
Project Study Report Approved			06/17/24
Begin Environmental (PA&ED) Phase			02/05/25
Circulate Draft Environmental Document	Document Type	CE	
Draft Project Report			
End Environmental Phase (PA&ED Milestone)			12/03/25
Begin Design (PS&E) Phase	☐	PS&E Phase N/A	02/01/26
End Design Phase (Ready to List for Advertisement Milestone)			02/01/27
Begin Right of Way Phase	☐	ROW Phase N/A	06/01/26
End Right of Way Phase (Right of Way Certification Milestone)			06/01/27
Begin Construction Phase (Contract Award Milestone)	☐	CON Phaes N/A	07/01/27
End Construction Phase (Construction Contract Acceptance Milestone)			10/11/28
Begin Closeout Phase	☐	Closeout Phase N/A	11/01/28
End Closeout Phase (Closeout Report)			12/31/29

SACOG Funding Program - Project Programming Request (PPR)

Derived from the State of California Department of Transportation PPR

Project Title:	Bicycle and Pedestrian Connectivity Improvement Project							
Location (Project Limits), Description (Scope of Work)	College Street from Kentucky Way to Gibson Street, Beamer Street from Cottonwood Street to East Street and Cross Street from West Street to East Street corridors, on the west side of Woodland, California. Improvements include, pavement rehabilitation, installing new buffered bike lanes, new class II bike lanes, new miles of Class III bike routes, enhance/upgrade crosswalks, sidewalk, add/upgrade ADA ramps and provide signal modifications for pedestrians and bicyclists safety to intersections.							
District	County	Lead Project Sponsor			SACOG ID		Project Partner	
03	Yolo	City of Woodland						
Total Project Cost (\$1,000s)								
Component	Prior	26/27	27/28	28/29	29/30	30/31	31/32+	Total
E&P (PA&ED)								
PS&E								
R/W SUP (CT)								
CON SUP (CT)								
R/W								
CON								
TOTAL								
Fund No. 1: 2025 STIP Funding Round								
Requested Funding (\$1,000s)								
Component	Prior	26/27	27/28	28/29	29/30	30/31	31/32+	Total
E&P (PA&ED)								
PS&E								
R/W SUP (CT)								
CON SUP (CT)								
R/W								
CON			3,000					3,000
TOTAL			3,000					3,000
Fund No. 2: City of Woodland Local Funds								
Other Funding (\$1,000s)				Funding Programmed				
Component	Prior	26/27	27/28	28/29	29/30	30/31	31/32+	Total
E&P (PA&ED)	40							40
PS&E	560							560
R/W SUP (CT)								
CON SUP (CT)			900					900
R/W	100							100
CON		1,900	1,100	1,900				4,900
TOTAL	700	1,900	2,000	1,900				6,500
Fund No. 3:								
Other Funding (\$1,000s)								
Component	Prior	26/27	27/28	28/29	29/30	30/31	31/32+	Total
E&P (PA&ED)								
PS&E								
R/W SUP (CT)								
CON SUP (CT)								
R/W								
CON								
TOTAL								

