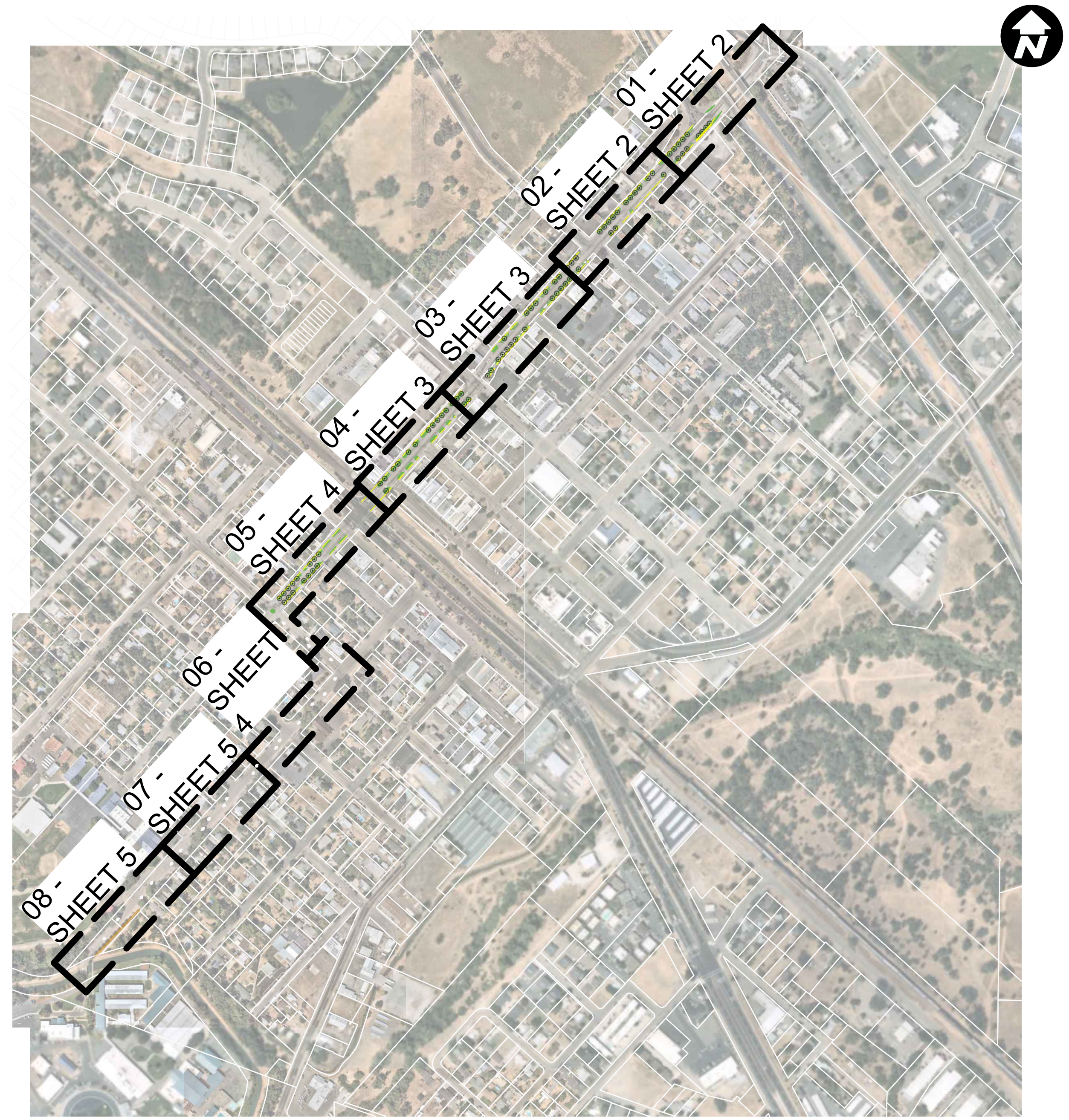
Appendix F



CITY OF ANDERSON - KEY MAP

SUSTAINABLE SHASTA

SHEET 1 OF 10

0 750' 1500'

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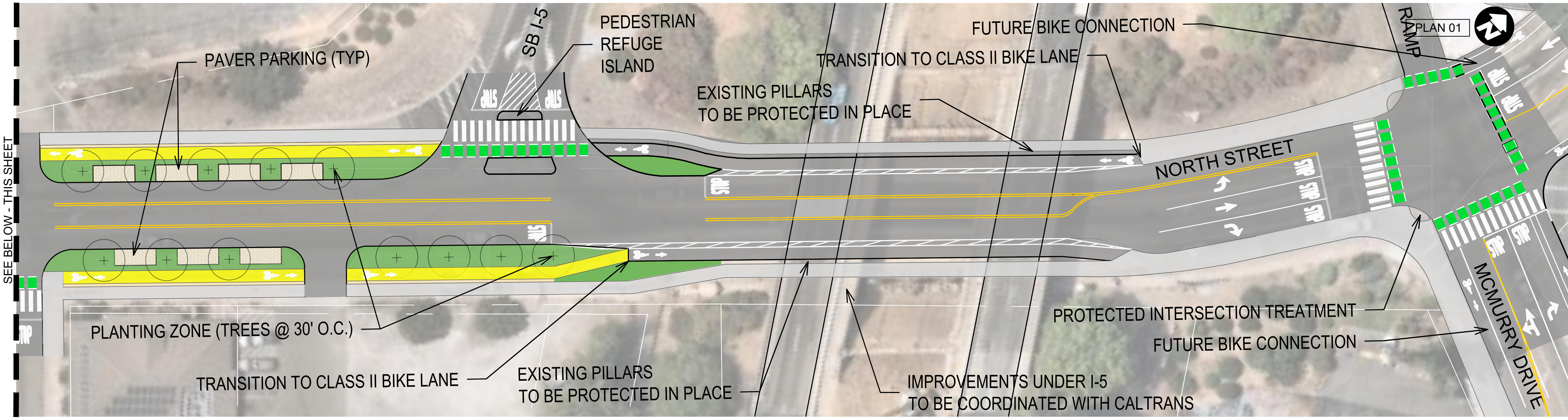

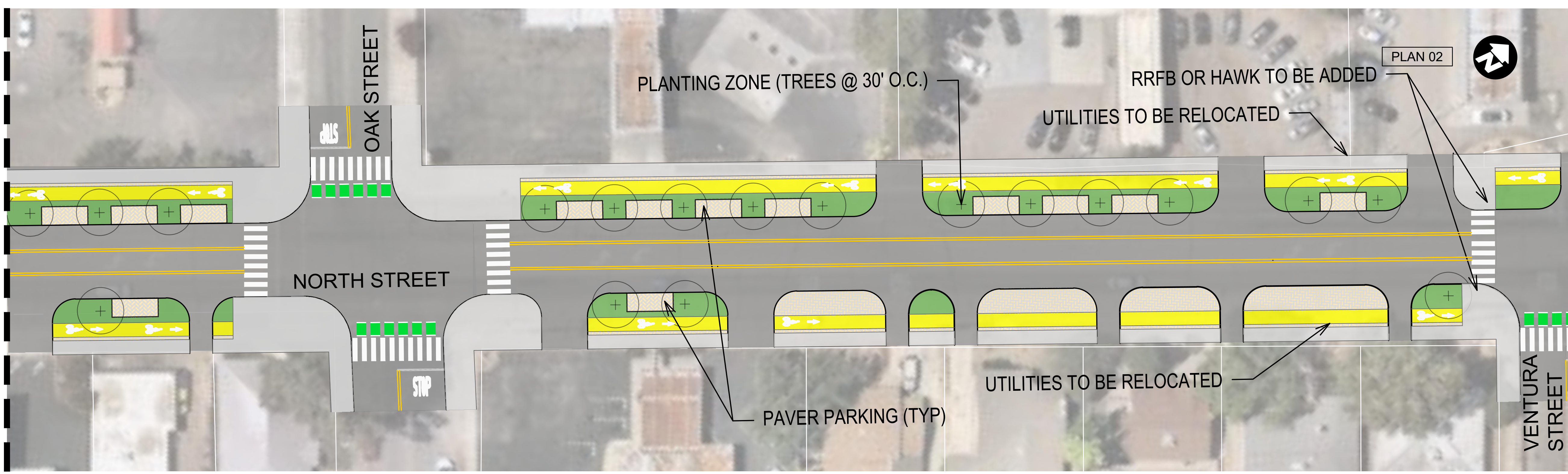

CITY OF ANDERSON

SUSTAINABLE SHASTA

Sidewalk
Landscape Understory
Class IV Separated Bikeway - Two-way
Paver Parking
Class IV Separated Bikeway - One-way

SHEET 2 OF 10

0 50' 100'

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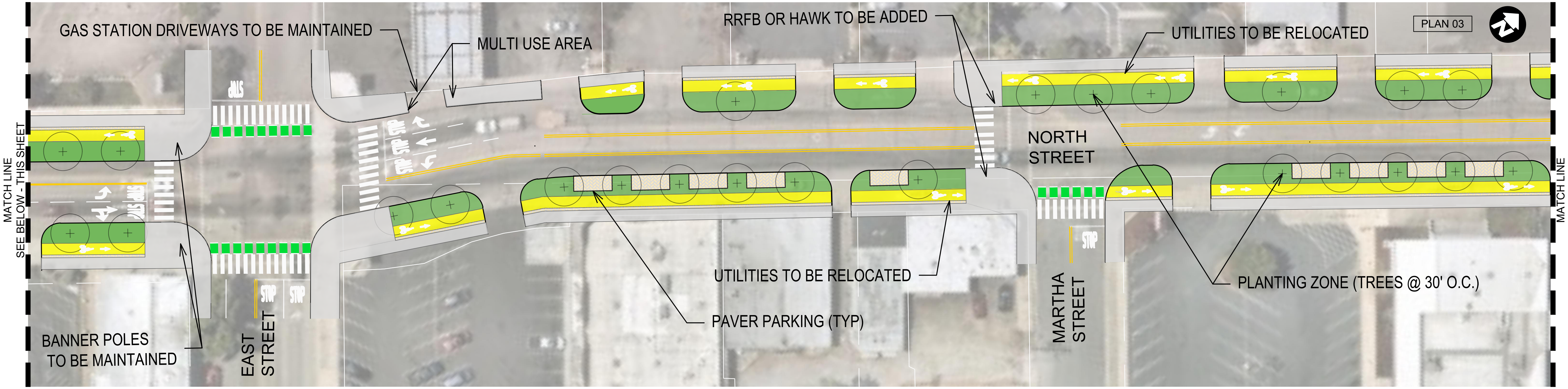

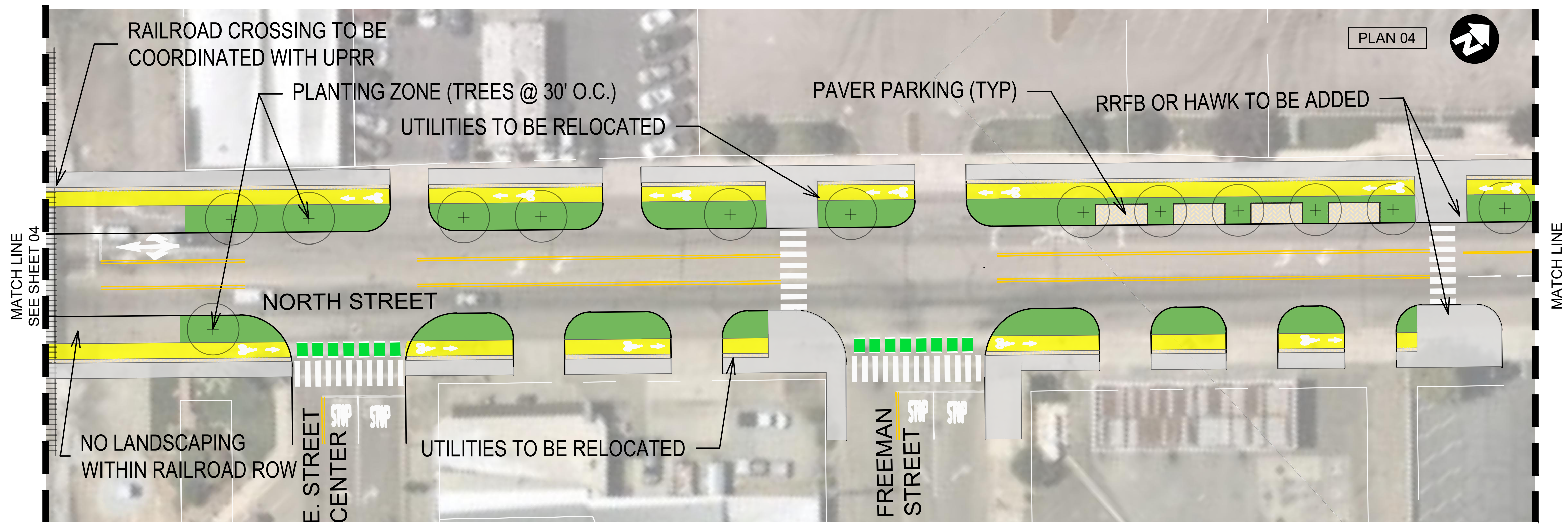

CITY OF ANDERSON

SUSTAINABLE SHASTA

- Sidewalk
- Landscape Understory
- Class IV Separated Bikeway - Two-way
- Paver Parking
- Class IV Separated Bikeway - One-way

SHEET 3 OF 10

0 50' 100'

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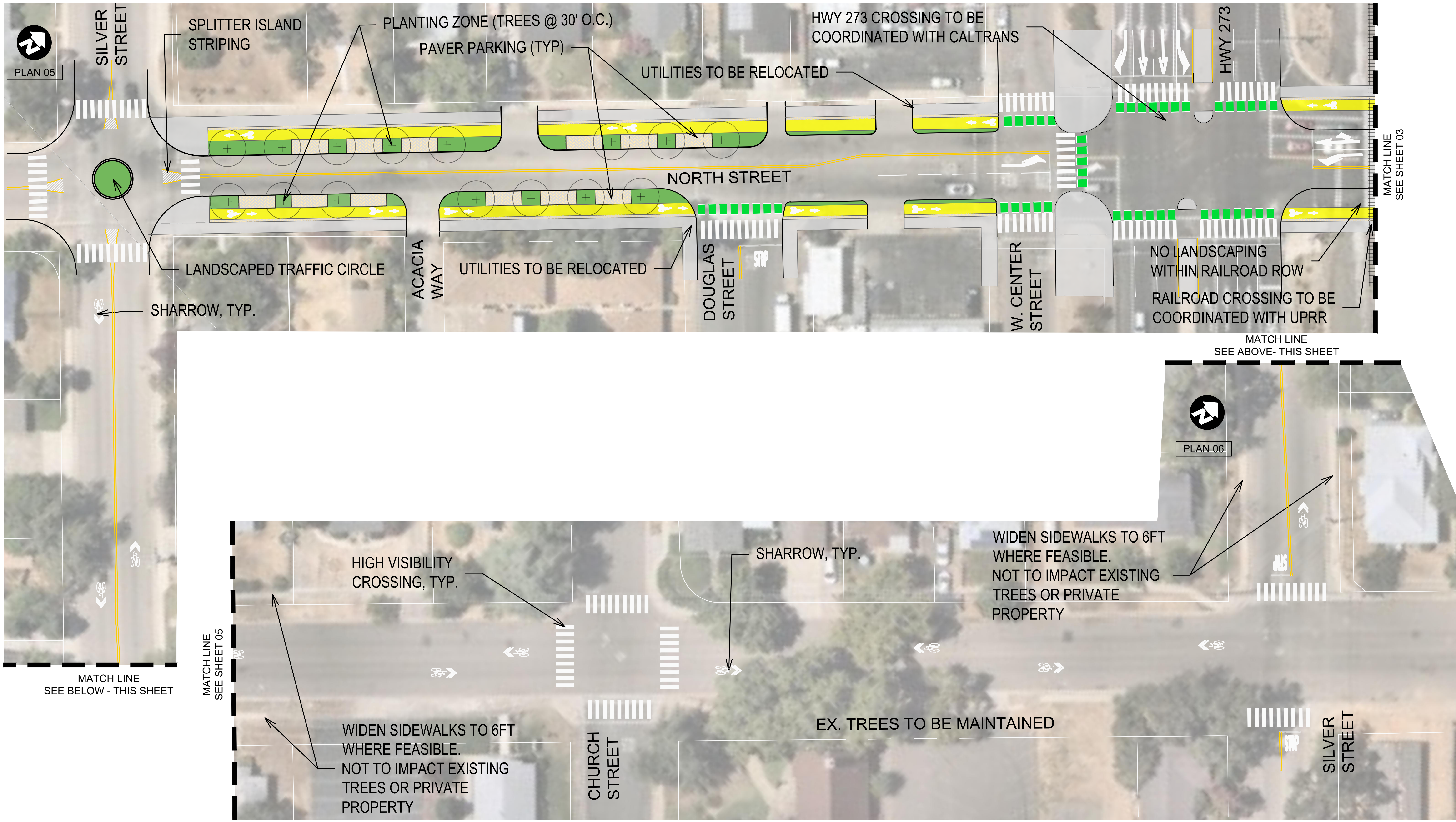

CITY OF ANDERSON

SUSTAINABLE SHASTA

Sidewalk
Landscape Understory
Class IV Separated Bikeway - Two-way
Paver Parking
Class IV Separated Bikeway - One-way

SHEET 4 OF 10

0 50' 100'

alta PLANNING + DESIGN
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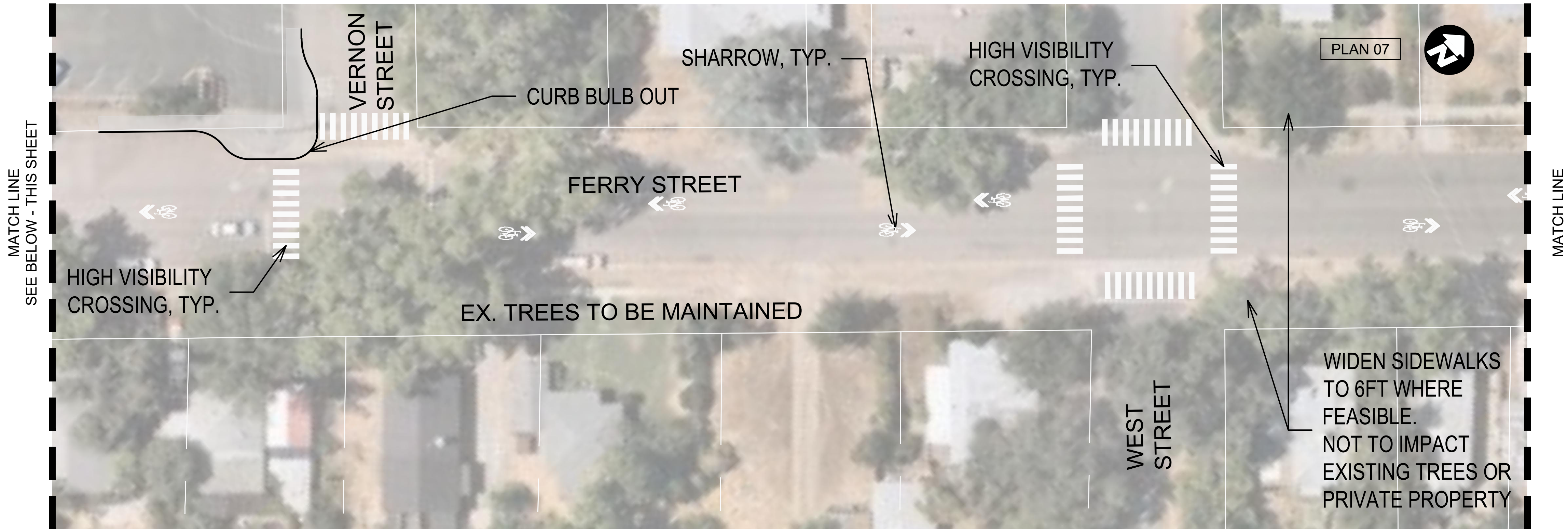
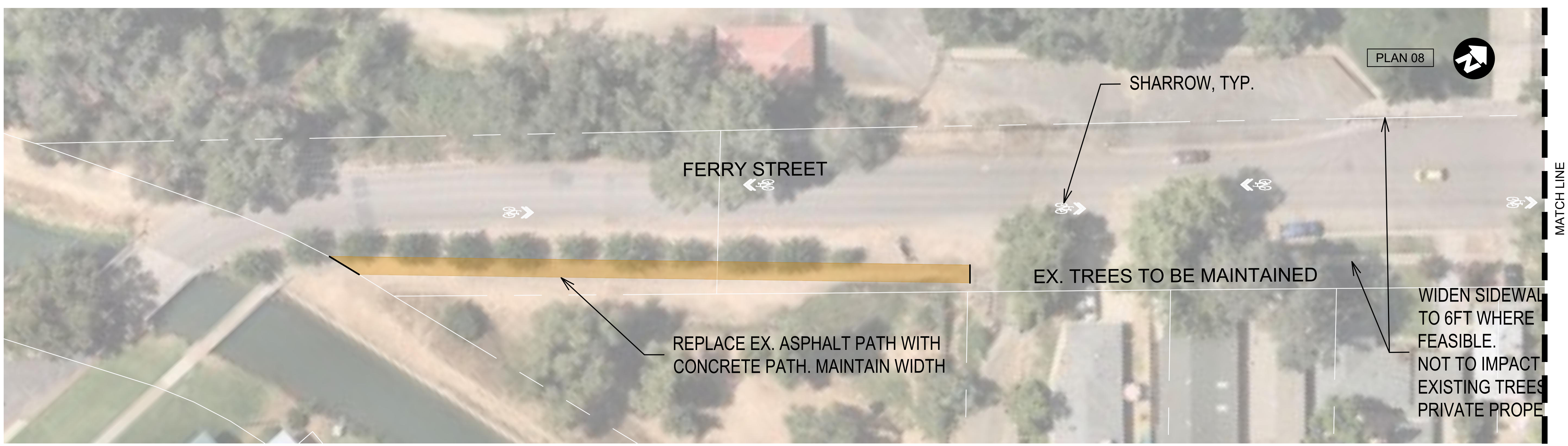
N:\Shared\PROJECTS\2017\00-2017-248 Sustainable Shasta\07_Anderson CA\CAD\10 PERCENT DESIGN\17-248_Shasta_North_Anderson_10percent.dwg





CITY OF ANDERSON

SUSTAINABLE SHASTA

- Sidewalk
- Landscape Understory
- Class IV Separated Bikeway - Two-way
- Paver Parking
- Class IV Separated Bikeway - One-way

0 50' 100'

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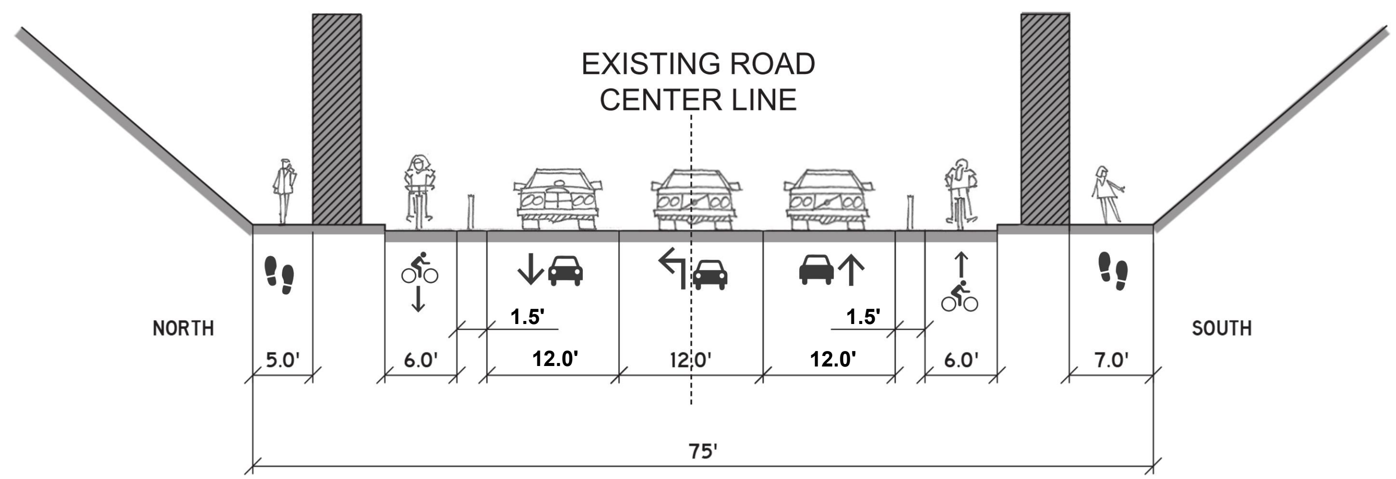
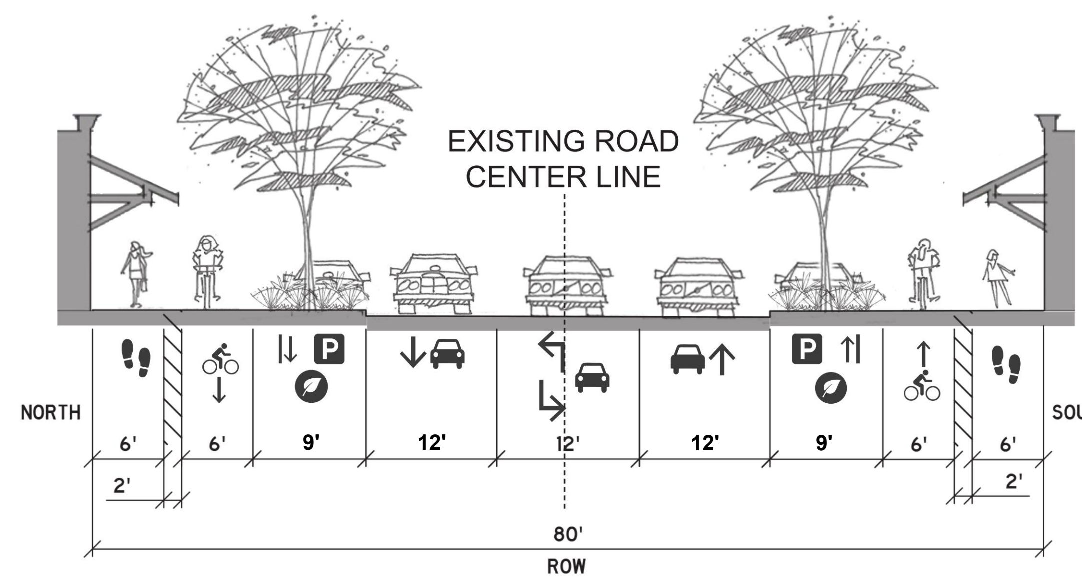
SECTION ROW LIMITS TO BE DETERMINED IN FIELD

EXISTING CURB-TO-CURB WIDTH TO REMAIN THE SAME
EXISTING PILLARS TO BE PROTECTED IN PLACE



SECTION A:
NORTH STREET,
TYP. MCMURRY DRIVE - VENTURA STREET

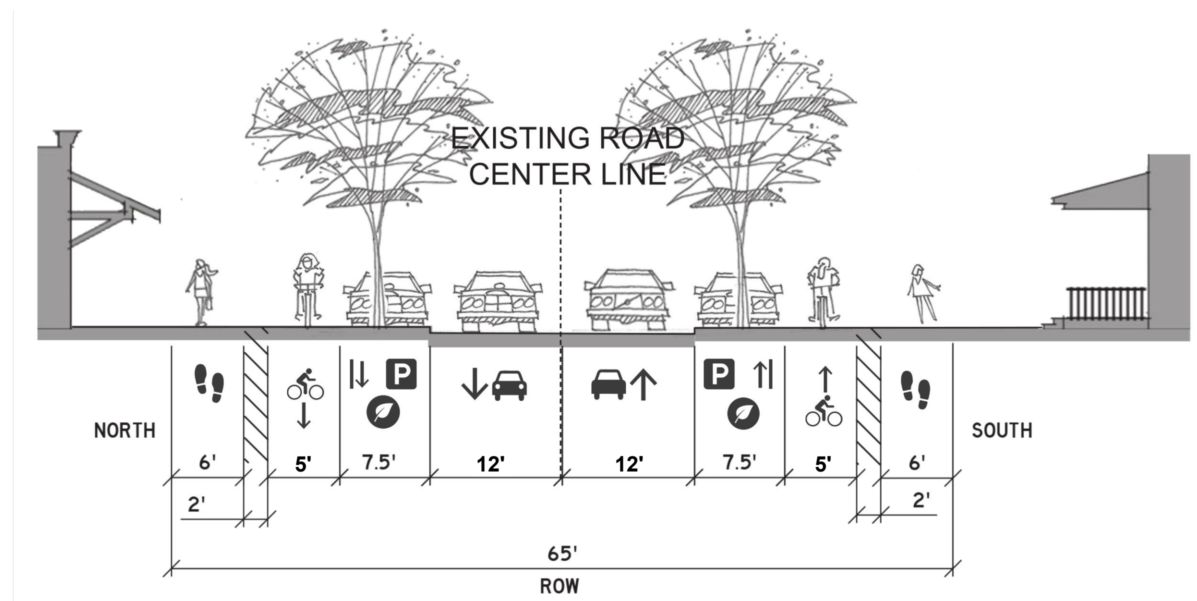


SECTION B:
NORTH STREET,
TYP. VENTURA STREET - UPRR

CALTRANS ATP CYCLE 5
CITY OF ANDERSON
TYPICAL SECTIONS

Walkway
Bike Lane
Two-way Bikeway
Shared Road
Travel Lane
Low-Cost Stormwater Infrastructure

SECTION ROW LIMITS TO BE DETERMINED IN FIELD



SECTION C:
NORTH STREET,
TYP. UPRR - SILVER ST

CALTRANS ATP CYCLE 5
CITY OF ANDERSON
TYPICAL SECTIONS

Walkway

Bike Lane

Two-way Bikeway

Shared Road

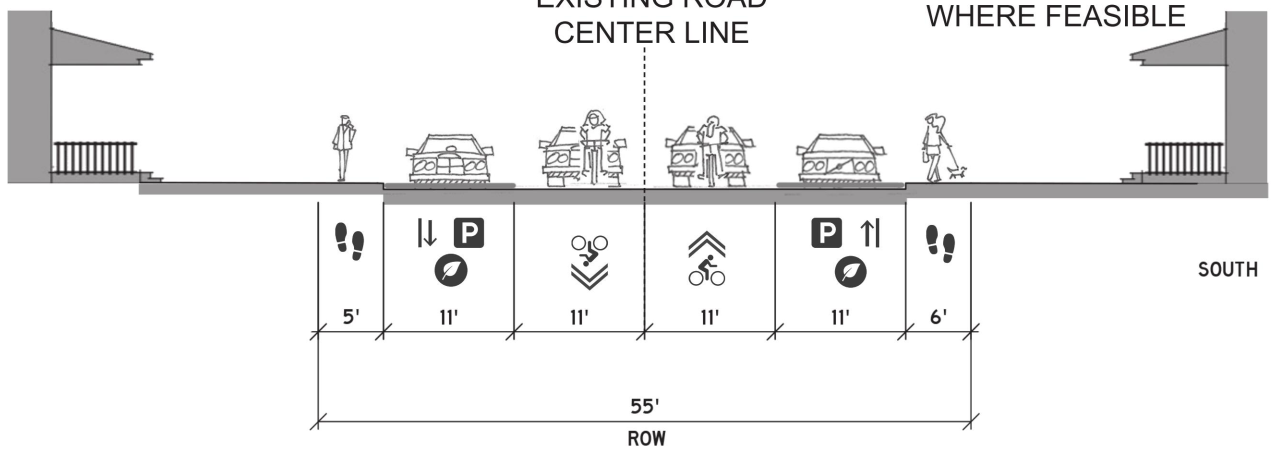
Travel Lane

Low-Cost Stormwater Infrastructure

SECTION ROW LIMITS TO BE DETERMINED IN FIELD

EXISTING ROAD CENTER LINE

WIDEN SIDEWALK WHERE FEASIBLE



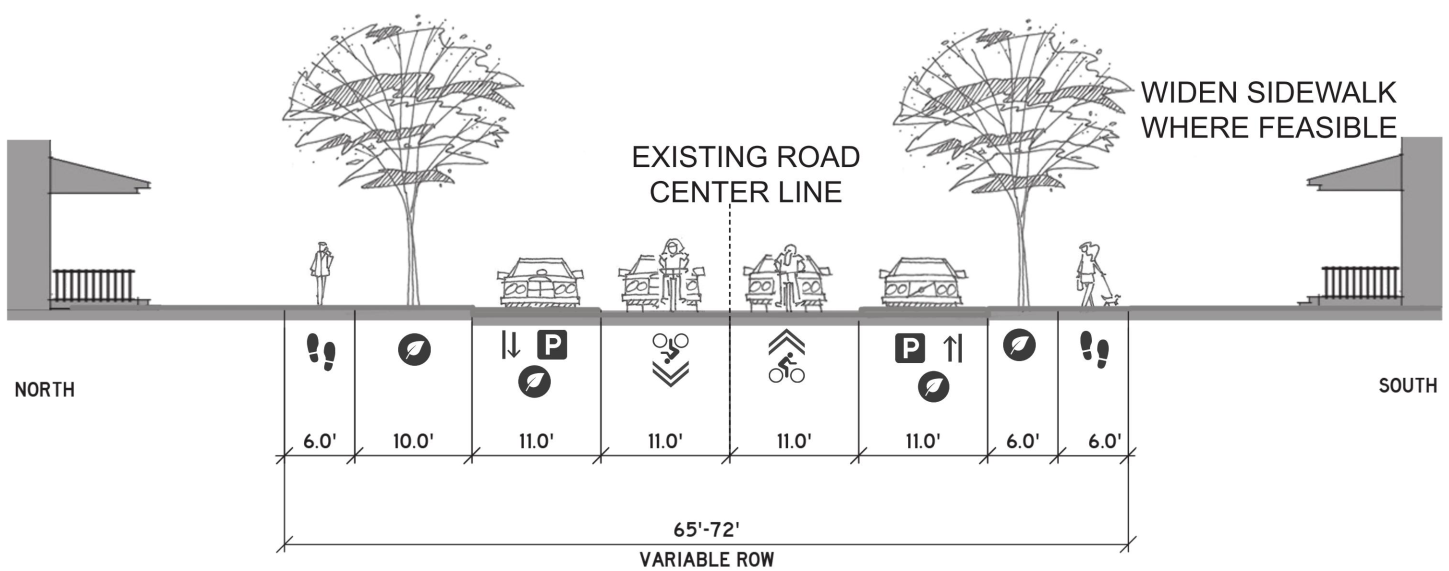
SECTION D:
SILVER STREET,
TYP. NORTH STREET - FERRY STREET

MAINTAIN EXISTING CURB
ADD PLANTED BULBOUTS WHERE FEASIBLE

PRESERVE EXISTING STREET TREES

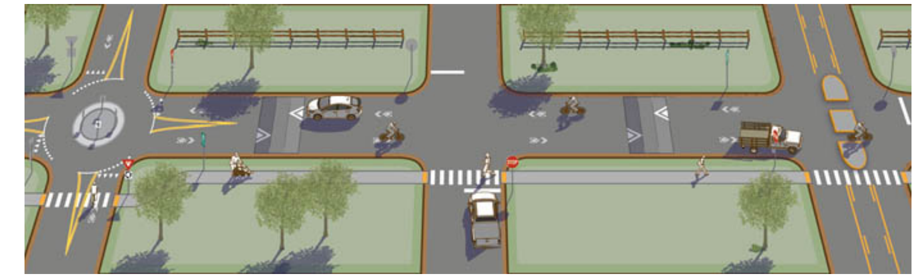
WIDEN SIDEWALK WHERE FEASIBLE

EXISTING ROAD CENTER LINE

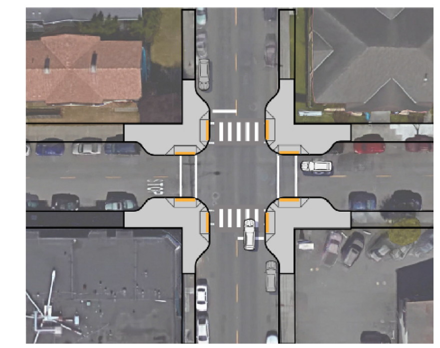


SECTION E:
FERRY STREET,
TYP. SILVER STREET - ANDERSON UNION HIGH SCHOOL

EXAMPLE BICYCLE BOULEVARD CONCEPT



TRAFFIC CALMING STRATEGIES



CURB EXTENSION

TRAFFIC CIRCLE

SPEED HUMP

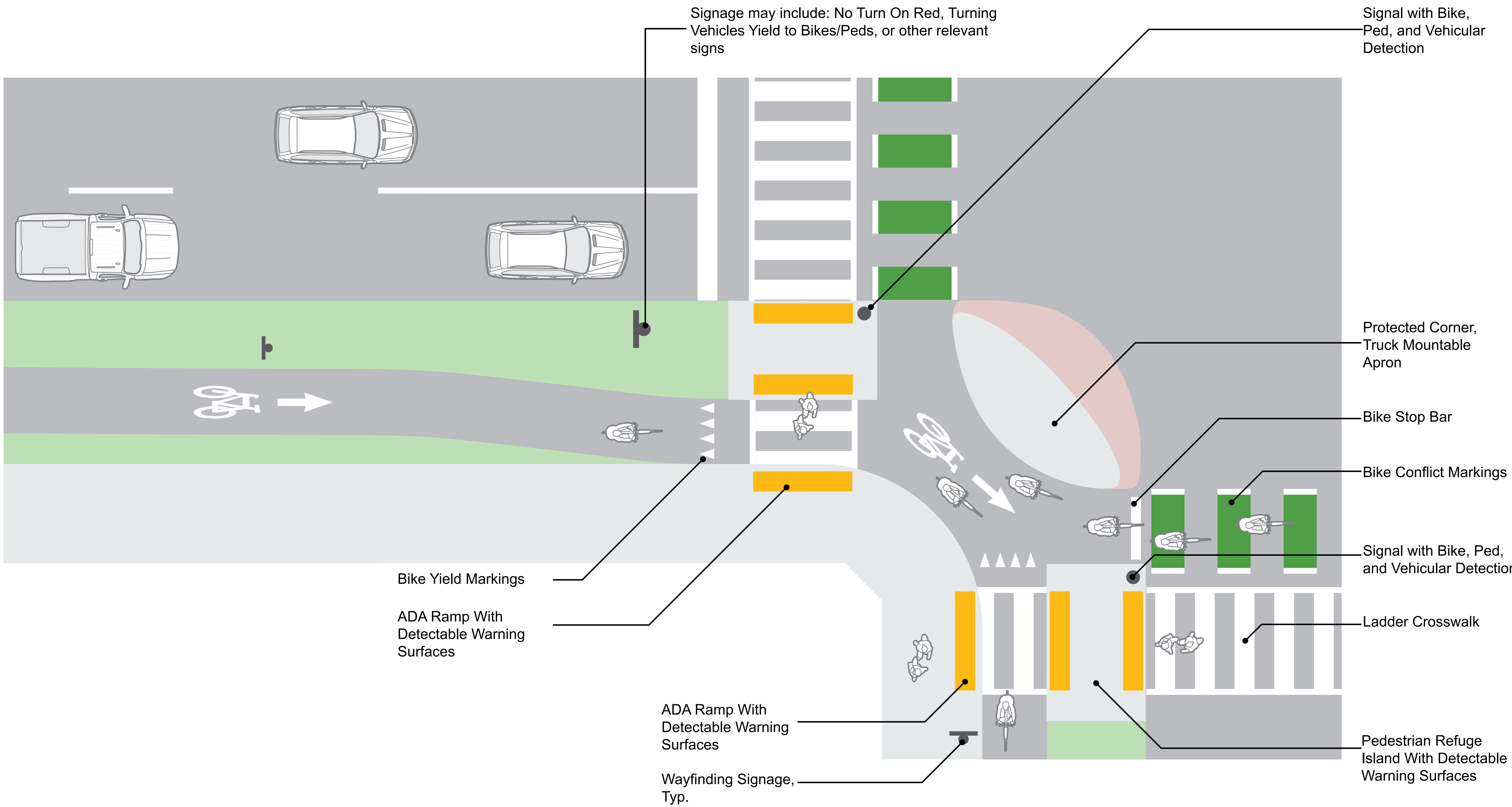
RAISED CROSSWALK

CHICANE

Walkway
Bike Lane
Two-way Bikeway
Shared Road
Travel Lane
Low-Cost Stormwater Infrastructure

CALTRANS ATP CYCLE 5
CITY OF ANDERSON
TYPICAL SECTIONS

SHEET 8 OF 10



CALTRANS ATP CYCLE 5
TYPICAL SIGNALIZED INTERSECTION
ONE-WAY CLASS IV SEPARATED BIKEWAY

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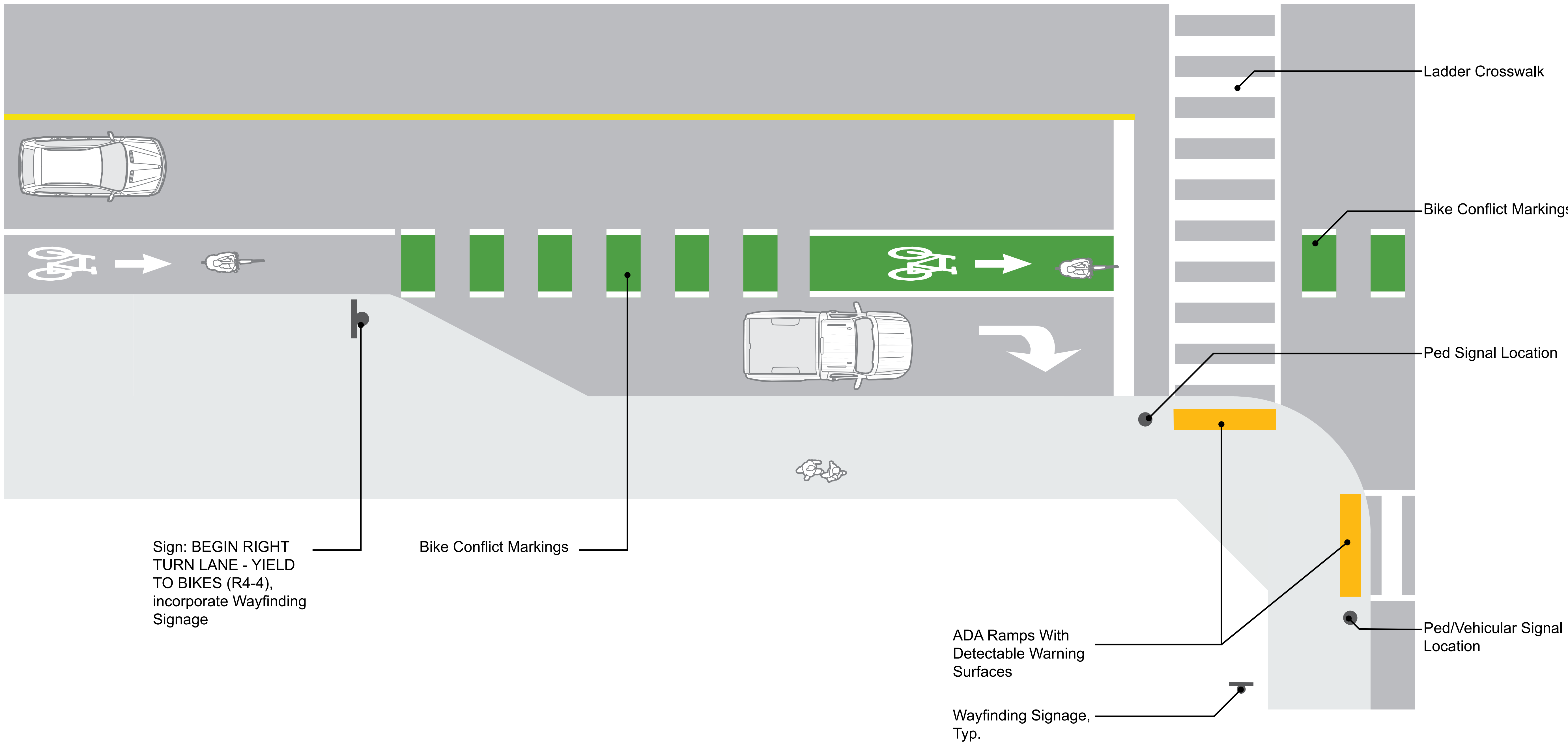

CALTRANS ATP CYCLE 5
TYPICAL SIGNALIZED INTERSECTION WITH RIGHT TURN POCKET
CLASS II BIKE LANE

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Detailed Engineer's Estimate and Total Project Costs- Cycle 5 v1.3

Important: Read the Instructions in the first sheet (tab) before entering data. Do not enter data in shaded fields (with formulas).

Project Information:

Agency:	Shasta Regional Transportaton Agency	**Date:**	7/1/2020
Project Description:			
Project Location:	City of Anderson		
Licensed Engineer in responsible charge of preparing or reviewing this PSR-Equivalent Cost Estimate:		**License #:**	

Engineer's Estimate and Cost Breakdown:

						Cost Breakdown					
Engineer's Estimate (for Construction Items Only)						ATP Eligible Costs/Items		ATP Ineligible Costs/Items		Corps/CCC to construct	
Item No.	**Item**	**Quantity**	**Units**	**Unit Cost**	**Total Item Cost**	**%**	**$**	**%**	**$**	**%**	**$**
General Overhead-Related Construction Items											
1	Mobilization/ Demobilization	1	LS	$175,000.00	$175,000	100%	$175,000				
2	Traffic Control (including Changeable Message Signs)	1	LS	$125,000.00	$125,000	100%	$125,000				
3	Stormwater Control, SWPPP, & BMPs	1	LS	$100,000.00	$100,000	100%	$100,000				
4	Permitting including fees (Caltrans and UPPR)	1	LS	$75,000.00	$75,000	100%	$75,000				
5	Clearing and Grubbing	1	LS	$150,000.00	$150,000	100%	$150,000				
6						100%					
7						100%					
8						100%					
9						100%					
10						100%					
General Construction Items											
11	Unclassified Excavation (Removal of AC, base, etc)	1	LS	$129,400.00	$129,400	100%	$129,400				
12	Construct Curb Ramp	75	EA	$5,000.00	$375,000	100%	$375,000				
13	6" AC Pavement	851	TON	$140.00	$119,140	100%	$119,140				
14	8" Crushed Miscellaneous Base	560	CY	$85.00	$47,600	100%	$47,600				
15	Construct Curb and Gutter	7931	LF	$45.00	$356,895	100%	$356,895				
16	Construct Median Curb	400	LF	$40.00	$16,000	100%	$16,000				
17	Remove and Reconstruct Driveways	4190	SF	$15.00	$62,850	100%	$62,850				
18	Construct Sidewalk	4266	SF	$12.50	$53,325	100%	$53,325				
19	Median Refuge Island	3	EA	$6,500.00	$19,500	100%	$19,500				
20	Utility Pole Relocations	9	EA	$75,000.00	$675,000	100%	$675,000				
21	Storm Drain Modifications (including catch basin relocations)	11	EA	$25,000.00	$275,000	100%	$275,000				
22	Adjust Manhole, Valut to grade	20	EA	$500.00	$10,000	100%	$10,000				
23	Valve, Meters, and Pullbox to grade	15	EA	$450.00	$6,750	100%	$6,750				
24	Pavement Markings	2223	SF	$4.00	$8,892	100%	$8,892				
25	Thermoplastic High Visibility Crosswalk and 12" Limit Line	5594	SF	$5.00	$27,970	100%	$27,970				
26	Green Conflict Striping	3576	SF	$6.00	$21,456	100%	$21,456				
27	Pavement Striping	14742	LF	$2.50	$36,855	100%	$36,855				
28	Sign with new post	25	EA	$250.00	$6,250	100%	$6,250				
29	Traffic Signal Modification (North Street @ US 273)	1	LS	$350,000.00	$350,000	100%	$350,000				
30	Install Rectangluar Rapid Flashing Beacon (RRFB)	3	EA	$40,000.00	$120,000	100%	$120,000				
31	Install Landscape Traffic Circle	1	EA	$50,000.00	$50,000	100%	$50,000				
32	Topsoil	350	CY	$65.00	$22,750	100%	$22,750				
33	Box Trees	82	EA	$850.00	$69,700	100%	$69,700				
34	Permeable Pavers (Parking and Sidewalk Buffer)	12582	SF	$12.00	$150,984	100%	$150,984				
35	Drip Irrigation	13672	SF	$8.00	$109,376	100%	$109,376				
36	Irrigation equipment (POC)	5	EA	$4,500.00	$22,500	100%	$22,500				
37								100%			
38								100%			
39								100%			
40								100%			
41								100%			
42								100%			
43								100%			
44								100%			
45								100%			
46								100%			
47								100%			
48								100%			
49								100%			
50								100%			
51								100%			
52								100%			
	Subtotal of Construction Items:				**$3,768,193**		**$3,768,193**				
	Construction Item Contingencies (% of Construction Items):			**20.00%**	$753,639		$753,639				
	Total (Construction Items & Contingencies) cost:				**$4,521,832**		**$4,521,832**				

Project Delivery Costs:

Type of Project Cost	**Cost $**	ATP Eligible Costs	Non-participating Costs		
Preliminary Engineering (PE)					
Environmental Studies and Permits(PA&ED):	$ 225,000	$225,000			
Plans, Specifications and Estimates (PS&E):	$ 605,000	$605,000		"PE" costs / "CON" costs	
Total PE:	**$ 830,000**	**$830,000**		18%	**25% Max**

Detailed Engineer's Estimate and Total Project Costs- Cycle 5 v1.3

Important: Read the Instructions in the first sheet (tab) before entering data. Do not enter data in shaded fields (with formulas).

Project Information:

Agency:	Shasta Regional Transportaton Agency	**Date:**	7/1/2020
Project Description:			
Project Location:	City of Anderson		
Licensed Engineer in responsible charge of preparing or reviewing this PSR-Equivalent Cost Estimate:		**License #:**	

Right of Way (RW)		ATP Eligible Costs	Non-participating Costs		
Right of Way Engineering:					
Acquisitions and Utilities:					
Total RW:	**$ -**				
Construction Engineering (CE)				"CE" costs / "CON" costs	
Construction Engineering (CE):	$ 450,000	$450,000		**10%**	**15% Max**
(PE+RW+CE) Total Project Delivery:	**$1,280,000**	**$1,280,000**			
Total Construction Costs:	**$4,521,832**	**$4,521,832**			
Total Project Cost:	**$5,801,832**	**$5,801,832**			

Documentation of Ineligible (Non-Participating) Costs:

The Engineer's logic and/or calculations for splitting costs between ATP-Eligible and Non-participating costs must be documented in this section of the Estimate form.

Separate logic is required for each item which is partly ineligible for ATP funding or is required for the construction of an ineligible item/element of the project.

Item #:	Description of Engineer's Logic: (See examples shown in the Instructions)