

Complete Streets Advisory Committee
January 24, 2023 – 5:00 P.M.
City Hall Public Works Conference Room, 1st floor
AGENDA

This meeting will be held in person and virtually using Zoom. Dial 1-253-215-8782 and enter the meeting ID #830 6661 8552, password 456789

- **CALL TO ORDER**
- **ROLL CALL**
- **APPROVAL OF MEETING NOTES**
 - NOTES FROM NOVEMBER 22, 2022
- **AUDIENCE COMMENTS**
- **OLD BUSINESS**
 - RAILS TO TRAILS
 - PROJECT UPDATES
 - WASHINGTON WAY, BEECH STREET
 - 46TH AVE
- **NEW BUSINESS**
 - APPOINTMENT OF NEW MEMBERS – ART BIRKMEYER AND GEORGE HUDSON
 - RESIGNATION – MATT CARNAHAN
 - PROJECT 30% REVIEW – 2023 COMPLETE STREETS PROGRAM (HUDSON ST, OLYMPIA WAY, AND 30TH AVE)
- **REPORTS**
 - 2022 ANNUAL REPORT
 - 2023 PROJECT LOOK-AHEAD
- **BOARD MEMBER COMMENTS**
- **EDUCATION TOPIC**
- **ADJOURNMENT**

The next regular meeting is scheduled for February 28th at 5:00 p.m.

Attachments (all pdf's)

- Meeting Notes
- Project Look-ahead
- Project Plans, Memo, and Estimate – 2023 Complete Streets Program

Complete Streets Advisory Committee
Regular Meeting
November 22, 2022 – 5:00 P.M.
Notes

- **CALL TO ORDER**

Meeting was called to order by Morgan Palmer at 5:09 P.M.

- **ROLL CALL**

In attendance:
Morgan Palmer, Chair
Clark Carroll
Trey Davis
Elizabeth Stratton
Two Board Vacancies
Ruth Kendall, Council liaison

Nancy Vandehey, Admin
Chris Collins, PW Maint Mngr

Not in attendance:
Matthew Carnahan
Karl Enyeart, City Engineer

- **APPROVAL OF MEETING NOTES**

On a motion duly made and passed the notes from October 25, 2022 were approved unanimously as presented.

- **OLD BUSINESS**

- RECRUITMENT OF NEW MEMBERS

Ruth Kendall, part of Council Appointment Subcommittee, stated that she knows of one member ready to be appointed in 2023 and has a couple of options for the second vacancy.

- RAILS TO TRAILS

Morgan shared that there still isn't a big update. There's some things being worked out on ownership transfer.

- PROJECT UPDATES

- WASHINGTON WAY, 30TH AVENUE, BEECH STREET, HUDSON ST

Washington Way is at 30% design. Planning to go to Council in January. Need design direction before 60% design.

The other projects are 30% design. Traffic count data is being collected.

- COST OF CALIFORNIA WAY BIKE LAKE TRANSITION SIDEWALKS

This concept cost about \$36,000 for one corner. The cost of green crosswalk is roughly two times cost of white paint.

- 10 FOOT WIDE LANES

NACTO urban street design lane width. Could be a good option for our streets.

- **NEW BUSINESS**

- PROJECT CONCEPT REVIEW – OLYMPIA WAY

Morgan Palmer shared the Olympia Way Project options. Option B was the clear preferred option.

- **REPORTS**

- PROJECT LOOK-AHEAD

Washington Way concept to Council in January.

Open Houses planned from February and March.

The proposed pedestrian bridge over International Way near the Port was discussed.

- **BOARD MEMBER COMMENTS**

Clark mentioned that Tacoma has reduced residential roads to 20 mph.

Ruth suggested the need for education on e-bikes. She's seen them riding on sidewalks.

Santa Bike Ride – Dec 17th at 10 am.

Continuing Highland Trails to CDID property was discussed.

Trey mentioned a trail from DC to Pittsburg (300 mile trail to rail) and suggested a future field trip.

- **EDUCATION TOPIC**

- **ADJOURNMENT**

December meeting cancelled. Next meeting January 24th.

Meeting was adjourned at 6:19 P.M.

Key: Design

CS = present concept to Complete Streets Advisory Committee

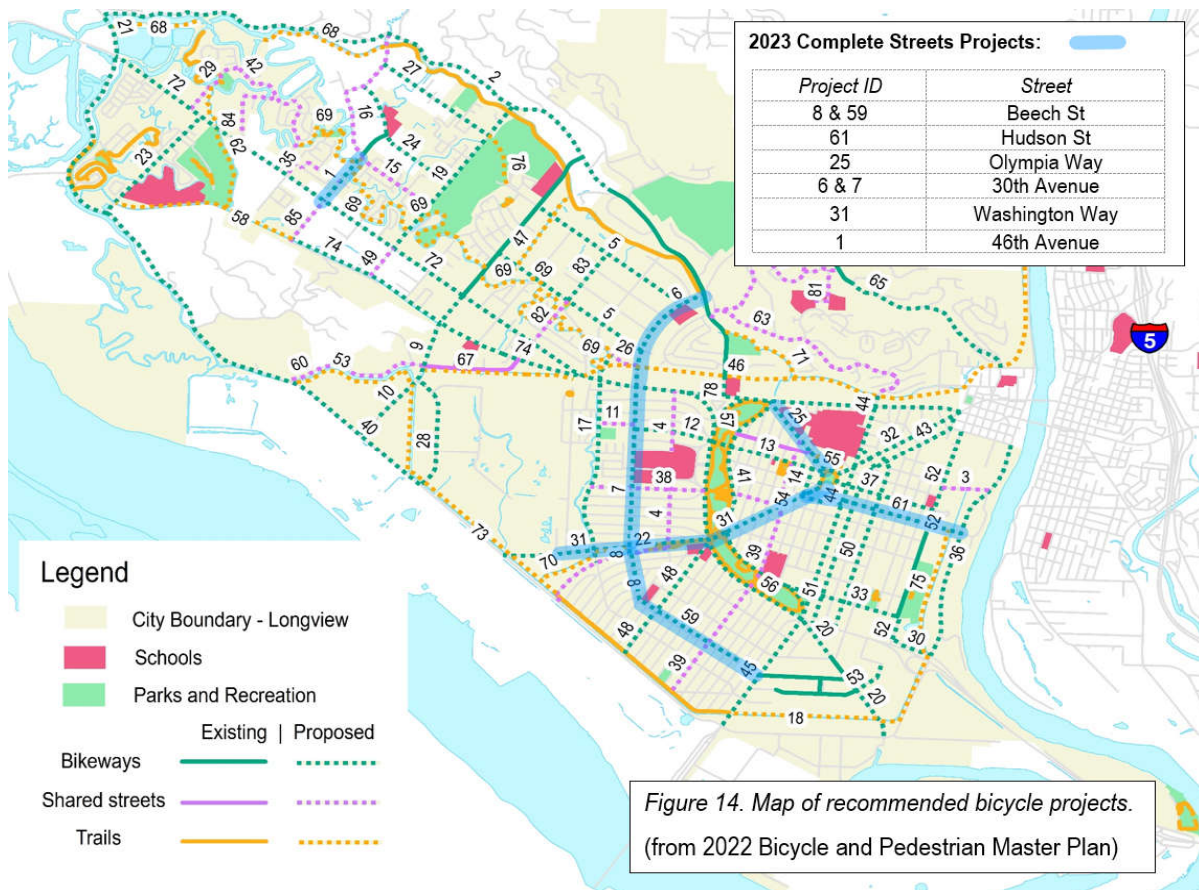
30 = 30% design presented to CSAC

OH = public open house (proposed, unless date is publicized)

CC = Present outreach and alternatives analysis to City Council at workshop

Construction

Project #	Corridor							2023											
		7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
8 & 59	Beech St		CS						30	OH									
61	Hudson St				CS			30		OH									
25	Olympia Way					CS		30		OH									
6 & 7	30th Ave			CS				30		OH									
31	Washington Way	CS	OH						CC										
1	46th Ave																		





City of Longview, WA

2023 Complete Streets Program

CIP # 2286 | File # 2662

30% PLANS
01/19/2023

Funded by: Transportation Improvement Board [Project # C-W-187(001)-1]

PROJECT OVERVIEW:

Install bike lanes on 3.1 miles of City streets.

SHEET INDEX:

SHEET	TITLE	PAGE
CS	COVER AND SHEET INDEX	1
S0	OVERVIEW MAP AND INDEX	2
H0 - H10	PLANS - HUDSON STREET	TBD
O0 - O5	PLANS - OLYMPIA WAY	TBD
T0 - T18	PLANS - 30TH AVENUE	TBD
TBD	DETAILS	TBD

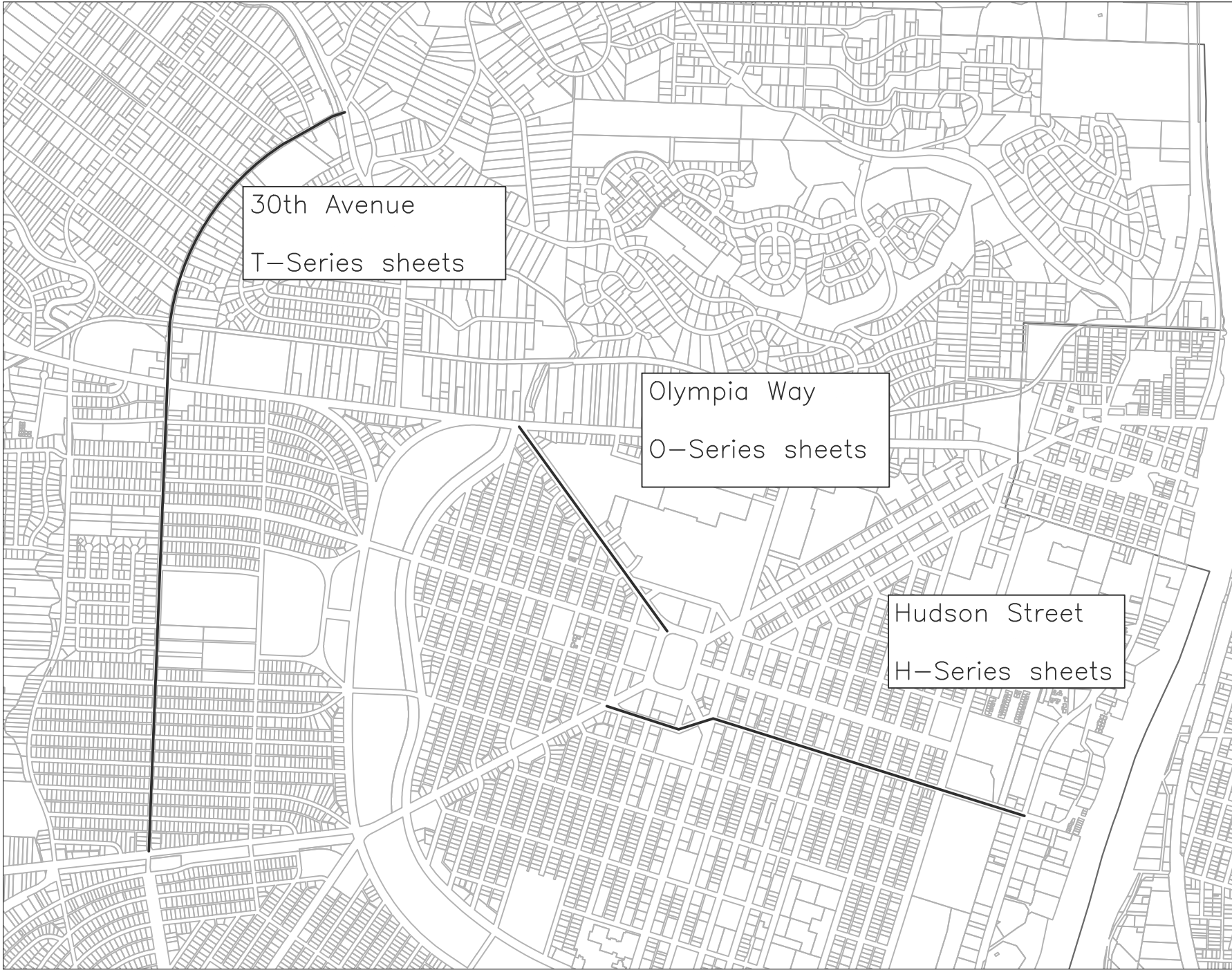
GENERAL NOTES:

- The work on this project shall be in accordance with all applicable provisions of the construction contract. Project specifications refer to the latest edition of WSDOT's Standard Specifications for Road, Bridge, and Municipal Construction and the latest edition of the City of Longview Standard Plans and Specifications.
- The plans do not show all existing utilities. The contractor shall request utility locates prior to beginning any excavation and protect existing utilities.
- The intent of these drawings is to prescribe a complete work. Omission of details or work which are necessary to carry out the intent of the drawings shall not relieve the contractor from performing omitted work.
- Any proposed alterations by the contractor affecting the requirements and/or information in these drawings shall be submitted in writing and will require approval of the engineer and inspector. Shop drawings shall be required as directed by the City of Longview.
- All areas disturbed during construction shall be restored to the original "pre-construction" state or better prior to acceptance.
- Contractor shall obtain all necessary permits to complete the work.



CITY LEADERSHIP:		
MAYOR	MaryAlice Wallis	
COUNCIL	Mike Wallin	Ruth Kendall
	Hillary Strobel	Angie Wean
	Christopher Ortiz	Spencer Boudreau
PUBLIC WORKS DIRECTOR	Ken Hash, PE	
CITY ENGINEER	Karl Enyeart, PE	

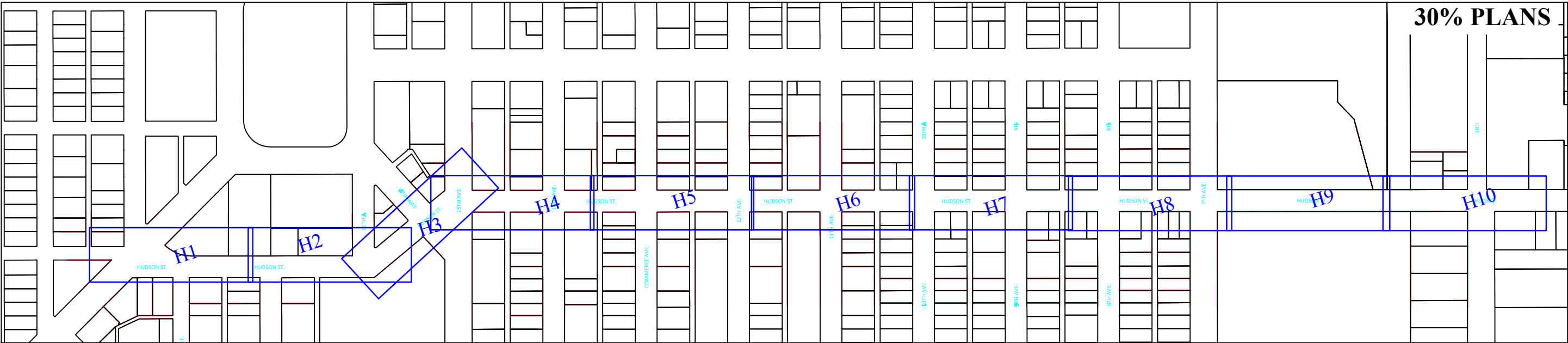
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	DRAWN: MAP	
	CAD: MAP	
	CHECK: KAE	
Kurt Sacha City Manager	Ken Hash Public Works Director	Karl Enyeart City Engineer
City of Longview, Washington 2023 Complete Streets Program		
CIP #: 2286		
FILE #: 2662		
BID SET: TBD		
SHEET: CS		
PAGE: 1 OF X		



30% PLANS
01/19/2023

Page	Sheet	Street	Description
1	A1	-	Cover
2	A2	-	Detailed Sheet List
3	H0	Hudson St	Overview
4	H1	Hudson St	Plan view
5	H2	Hudson St	Plan view
6	H3	Hudson St	Plan view
7	H4	Hudson St	Plan view
8	H5	Hudson St	Plan view
9	H6	Hudson St	Plan view
10	H7	Hudson St	Plan view
11	H8	Hudson St	Plan view
12	H9	Hudson St	Plan view
13	H10	Hudson St	Plan view
14	O0	Olympia Way	Overview
15	O1	Olympia Way	Plan view
16	O2	Olympia Way	Plan view
17	O3	Olympia Way	Plan view
18	O4	Olympia Way	Plan view
19	O5	Olympia Way	Plan view
20	T0	30th Ave	Overview
21	T1	30th Ave	Plan view
22	T2	30th Ave	Plan view
23	T3	30th Ave	Plan view
24	T4	30th Ave	Plan view
25	T5	30th Ave	Plan view
26	T6	30th Ave	Plan view
27	T7	30th Ave	Plan view
28	T8	30th Ave	Plan view
29	T9	30th Ave	Plan view
30	T10	30th Ave	Plan view
31	T11	30th Ave	Plan view
32	T12	30th Ave	Plan view
33	T13	30th Ave	Plan view
34	T14	30th Ave	Plan view
35	T15	30th Ave	Plan view
36	T16	30th Ave	Plan view
37	T17	30th Ave	Plan view
38	T18	30th Ave	Plan view

REVISION					DATE
PREPARED BY					
DESIGN: MAP					
DRAWN: MAP					
CAD: MAP					
CHECK: KAE					
City of Longview, Washington 2023 Complete Streets Program					
CIP #: 2286					
FILE #: 2662					
BID SET: TBD					
SHEET: A1					
PAGE: 2 OF X					

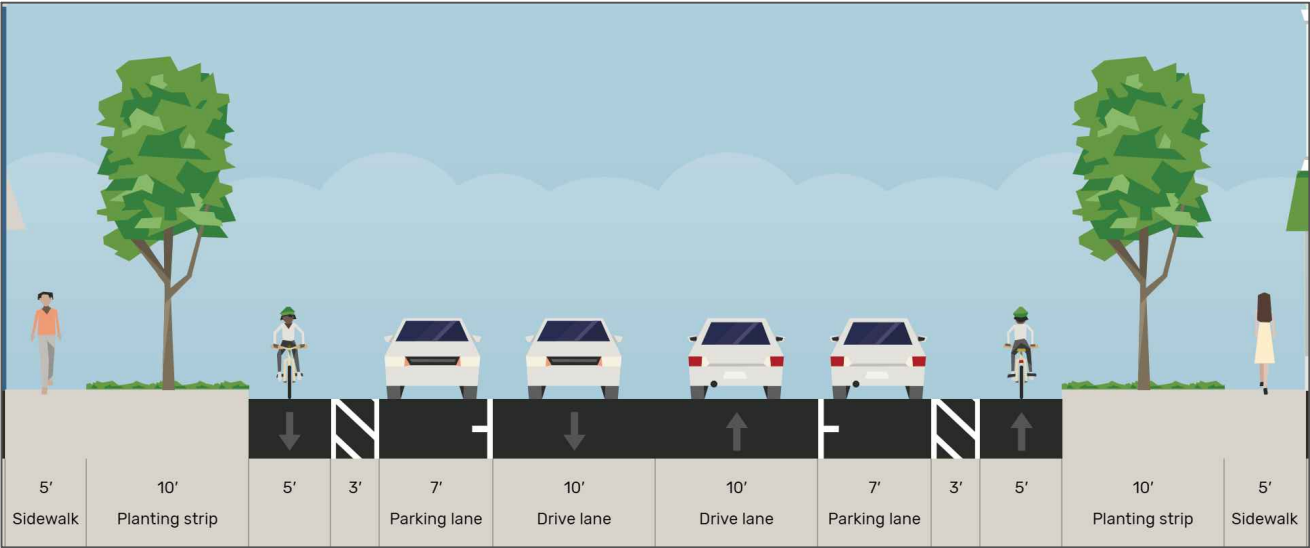


Quantities table			
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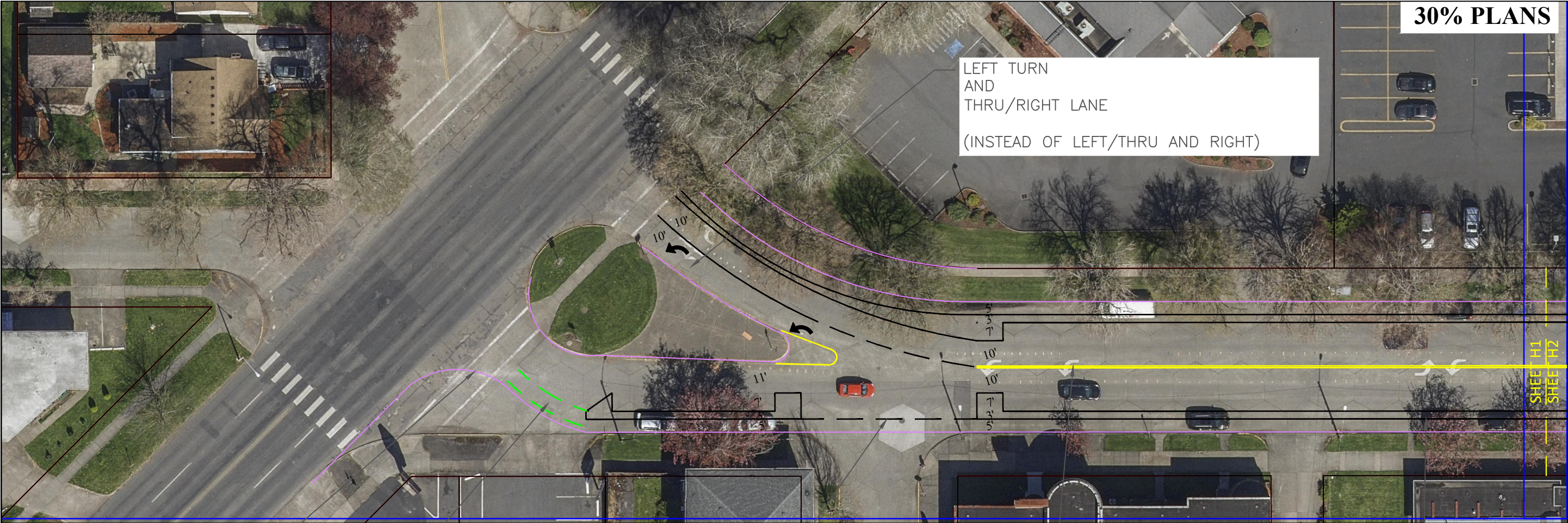
General Notes

- 1.
- 2.
- 3.

Typical Cross-Section:



REVISION		DATE
PREPARED BY		
DESIGN: KAE		
DRAWN: MAP		
C/D: MAP		
CHECK: SBB		
City Engineer		
City Manager		
Public Works Director		
City Engineer		
City of Longview, Washington		
2023 Complete Streets Program		
Hudson Street		
CIP #: 2286		
FILE #: 2662		
BID SET: TBD		
SHEET: H0		
PAGE: X OF X		



PROPOSED CURB
LOCATION VIA RRFB
PROJECT

GREEN CROSSING OF
DRIVEWAY TO HIGHLIGHT
START OF BIKEWAY

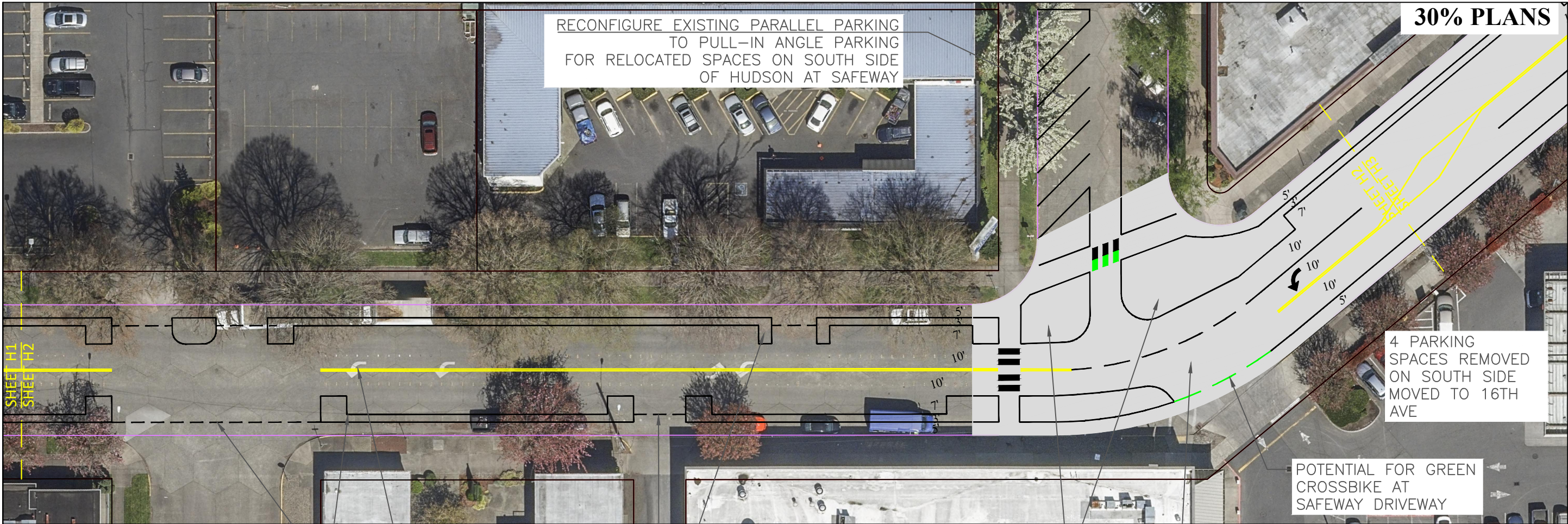
TYPICAL CROSSING AT
MINOR INTERSECTION
DASHED LINE

REMOVE TURN LANE
ALL SYMBOLS AND DOTS

7' PARKING
3' BUFFER (DOOR ZONE)
5' BIKE LANE AGAINST CURB

30% PLANS

City of Longview, Washington 2023 Complete Streets Program Hudson Street		CIP #: 2286		PREPARED BY		REVISION		DATE	
		FILE #: 2662		DESIGN: KAE					
		BID SET: TBD		DRAWN: MAP					
		SHEET: H1		CAD: MAP					
		PAGE: X OF X		CHECK: SBB					
		Kurt Sacha City Manager		Ken Hash Public Works Director		City Engineer			



TYPICAL STREET INTERSECTION
WHITE DASHED LINE

TURN LANE REMOVED
ALL SYMBOLS AND DOTS

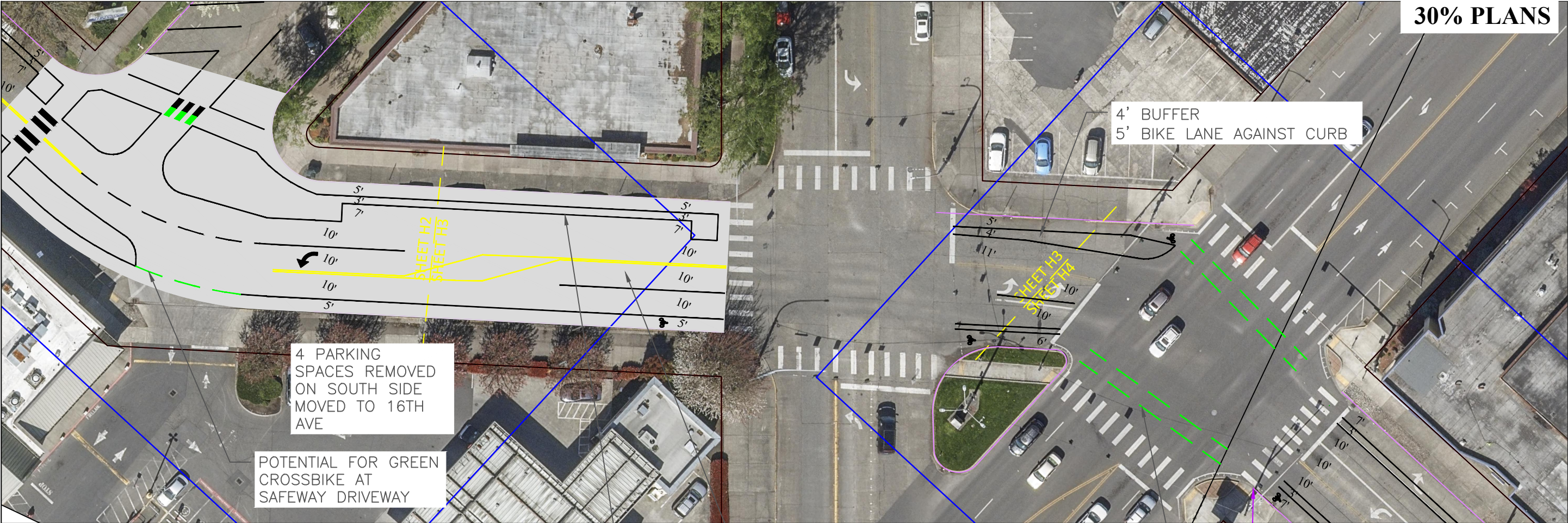
TYPICAL DRIVEWAY/ALLEY TREATMENT
5' OFFSET FOR NO PARKING

7' PARKING
3' BUFFER (DOOR ZONE)
5' BIKE LANE AGAINST CURB

PAINTED CURB EXTENSIONS
TO MAKE INTERSECTION
SAFER
OPPORTUNITY FOR PUBLIC
ART/STREET MURAL

REMOVE EASTERN CROSSWALK,
CONSOLIDATE TO WEST SIDE TO PREVENT
THE DIAGONAL CROSSING AT THAT
INTERSECTION
(LIKELY NEED A CROSSING-CLOSED SIGN
AT EXISTING CURB RAMP NEAR SAFEWAY
DRIVEWAY)

City of Longview, Washington		2023 Complete Streets Program		Hudson Street	
CIP #: 2286		FILE #: 2662		SHEET: H2	
BID SET: TBD		PAGE: X OF X		DATE	
SHEET H1		SHEET H2		REVISION	
Kurt Sacha City Manager		KAE		PREPARED BY	
Ken Hash Public Works Director		MAP		DESIGN:	
City Engineer		MAP		DRAWN:	
		SBB		CHECK:	



30% PLANS

4 PARKING SPACES REMOVED ON SOUTH SIDE MOVED TO 16TH AVE

POTENTIAL FOR GREEN CROSSBIKE AT SAFEWAY DRIVEWAY

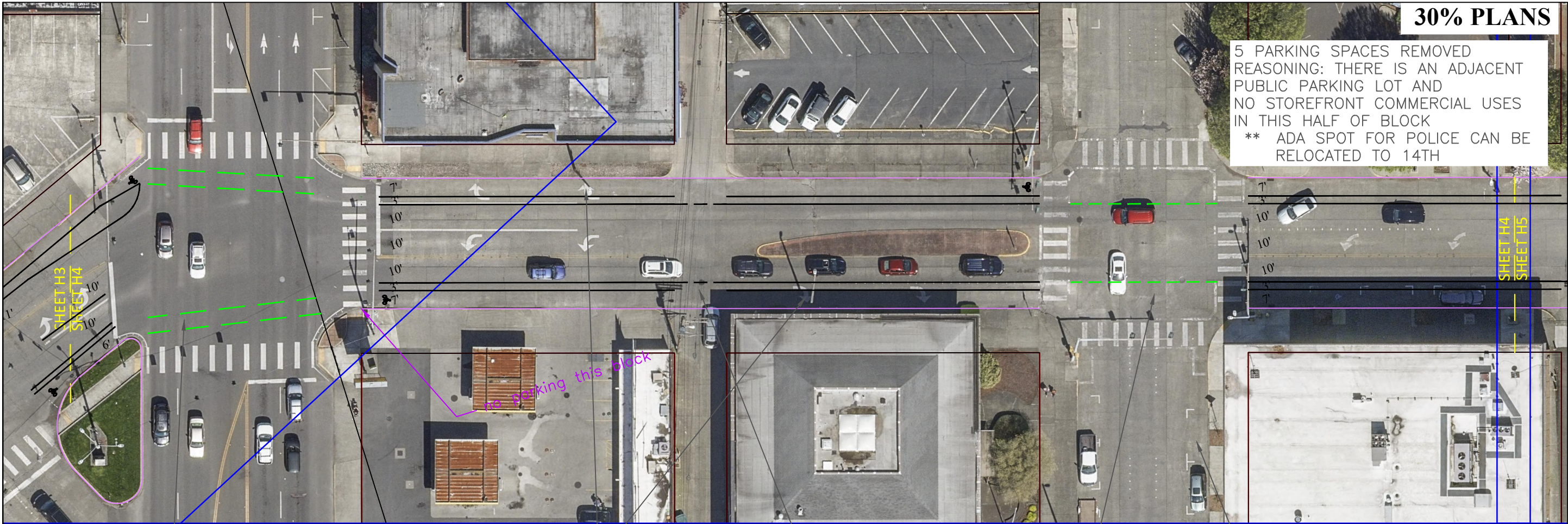
4' BUFFER
5' BIKE LANE AGAINST CURB

SHIFT TURN LANE APPROXIMATELY 4 FEET SOUTH
* DETECTION IMPACTS?

MAJOR INTERSECTION CROSSING GREEN CROSSBIKE

7' PARKING
3' BUFFER (DOOR ZONE)
5' BIKE LANE AGAINST CURB

City of Longview, Washington 2023 Complete Streets Program Hudson Street		PREPARED BY Kurt Sacha City Manager	DESIGN: KAE	REVISION	DATE
		Ken Hash Public Works Director	MAP		
		City Engineer	CAD: MAP		
			CHECK: SBB		
CIP #: 2286		SHEET: H3			
FILE #: 2662		PAGE: X OF X			
BID SET: TBD					



30% PLANS

5 PARKING SPACES REMOVED
REASONING: THERE IS AN ADJACENT
PUBLIC PARKING LOT AND
NO STOREFRONT COMMERCIAL USES
IN THIS HALF OF BLOCK
** ADA SPOT FOR POLICE CAN BE
RELOCATED TO 14TH

RIGHT TURN LANES
CONVERTED TO BIKE LANES
THROUGH THIS BLOCK ON
BOTH SIDES

GREEN CROSSBIKE

TYPICAL ALLEY TREATMENT
DASHED LINE

GREEN CROSSBIKE
ACROSS 14TH

CONVERT THIS SPACE TO
ADA FOR POLICE

City of Longview, Washington 2023 Complete Streets Program Hudson Street		CIP #: 2286		SHEET: H4	
		FILE #: 2662		PAGE: X OF X	
		BID SET: TBD			
Kurt Sacha City Manager	PREPARED BY	DESIGN: KAE		REVISION	DATE
Ken Hash Public Works Director	DRAWN: MAP	MAP			
City Engineer	CAD: MAP	MAP			
	CHECK: SBB	SBB			



SHARROW
BIKES MIX WITH CARS

BIKES MERGE WITH TRAFFIC
TWO BLOCKS
(IN ORDER TO PRESERVE
STORE-FRONT PARKING)

POTENTIAL FOR BIKE BOX
TO ALLOW BIKES TO
ADVANCE AHEAD OF CARS

BIKES MERGE WITH TRAFFIC
TWO BLOCKS
(IN ORDER TO PRESERVE
STORE-FRONT PARKING)

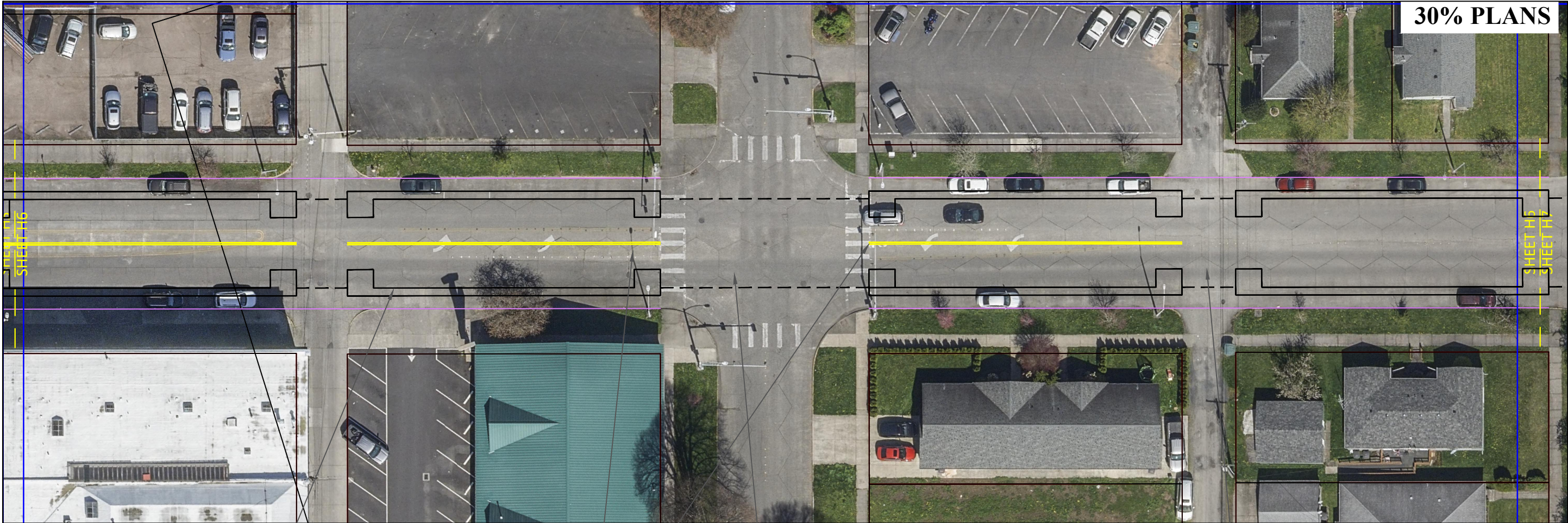
TYPICAL ALLEY TREATMENT

5 PARKING SPACES REMOVED
REASONING: THERE IS AN
ADJACENT PUBLIC PARKING LOT
AND
NO STOREFRONT COMMERCIAL
USES IN THIS HALF OF BLOCK

BIKES MERGE WITH TRAFFIC
TWO BLOCKS
(IN ORDER TO PRESERVE
STORE-FRONT PARKING)

30% PLANS

City of Longview, Washington 2023 Complete Streets Program Hudson Street			CIP #: 2286	SHEET: H5		PAGE: X OF X	
			FILE #: 2662				
			BID SET: TBD				
Kurt Sacha City Manager Ken Hash Public Works Director City Engineer			PREPARED BY		REVISION	DATE	
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			CHECK: SBB				



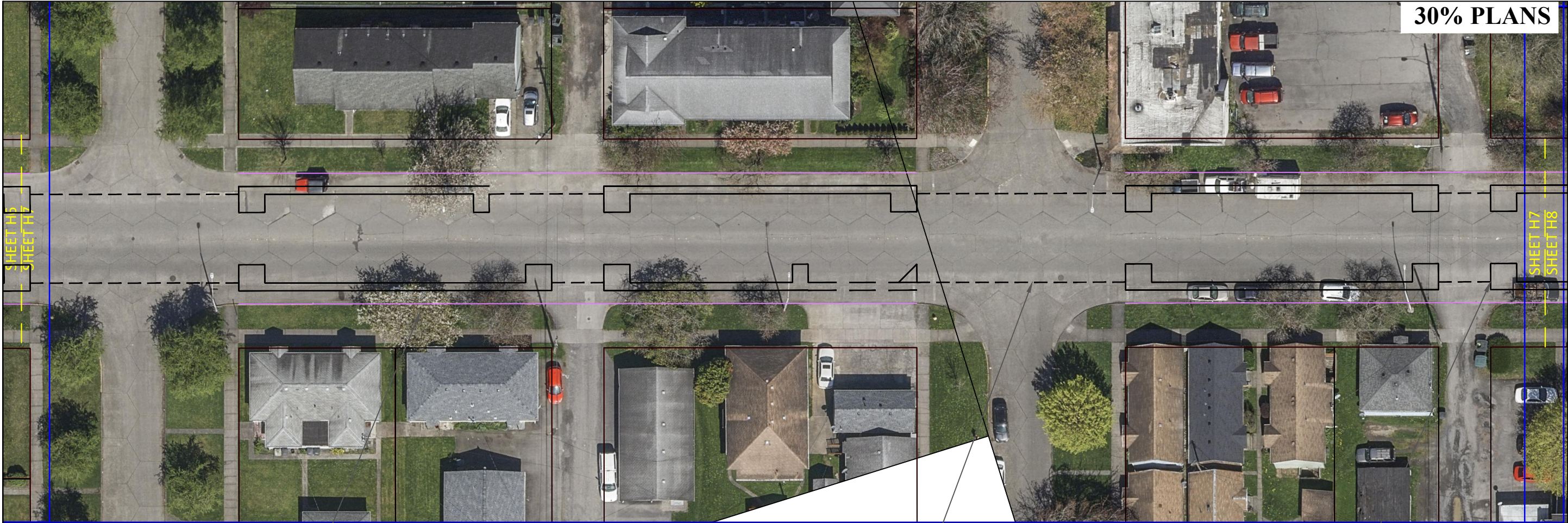
7' PARKING
3' BUFFER (DOOR ZONE)
5' BIKE LANE

REMOVE LEFT TURN LANE AT 11TH AVE
(CONFIRM TRAFFIC STUDY)

TYPICAL MINOR INTERSECTION CROSSING
DASHED LINE (NO GREEN PAINT)

TYPICAL ALLEY TREATMENT

City of Longview, Washington 2023 Complete Streets Program Hudson Street			CIP #: 2286	SHEET: H6	PAGE: X OF X
			FILE #: 2662		
			BID SET: TBD		
Kurt Sacha City Manager		PREPARED BY			
Ken Hash Public Works Director		DESIGN: KAE	REVISION	DATE	
		DRAWN: MAP			
		CAD: MAP			
City Engineer		CHECK: SBB			



7' PARKING
3' BUFFER (DOOR ZONE)
5' BIKE LANE

TYPICAL MINOR INTERSECTION CROSSING
DASHED LINE (NO GREEN PAINT)

TYPICAL ALLEY TREATMENT

30% PLANS

CIP #: 2286		SHEET: H7		PAGE: X OF X	
FILE #: 2662		BID SET: TBD			
City of Longview, Washington		2023 Complete Streets Program		Hudson Street	
Kurt Sacha City Manager	PREPARED BY	DESIGN: KAE		REVISION	
		DRAWN: MAP		DATE	
		C.A.D.: MAP			
		CHECK: SBB			



WHAT TO DO FROM 7TH TO 3RD?

- MERGE BIKES ONTO SIDEWALK
- SHARROWS IN ROAD

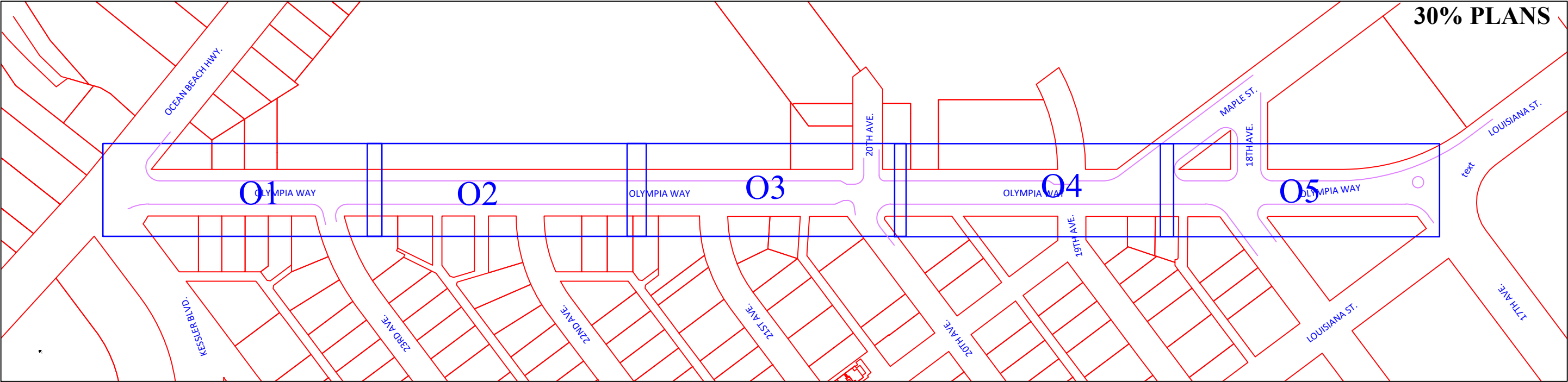
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BID SET: TBD							
SHEET: H9							
PAGE: X OF X							
Kurt Sacha City Manager		Ken Hash Public Works Director		City Engineer			



- WHAT TO DO FROM 7TH TO 3RD?
- MERGE BIKES ONTO SIDEWALK
 - SHARROWS IN ROAD

30% PLANS

City of Longview, Washington 2023 Complete Streets Program Hudson Street	CIP #: 2286		PREPARED BY		REVISION		DATE	
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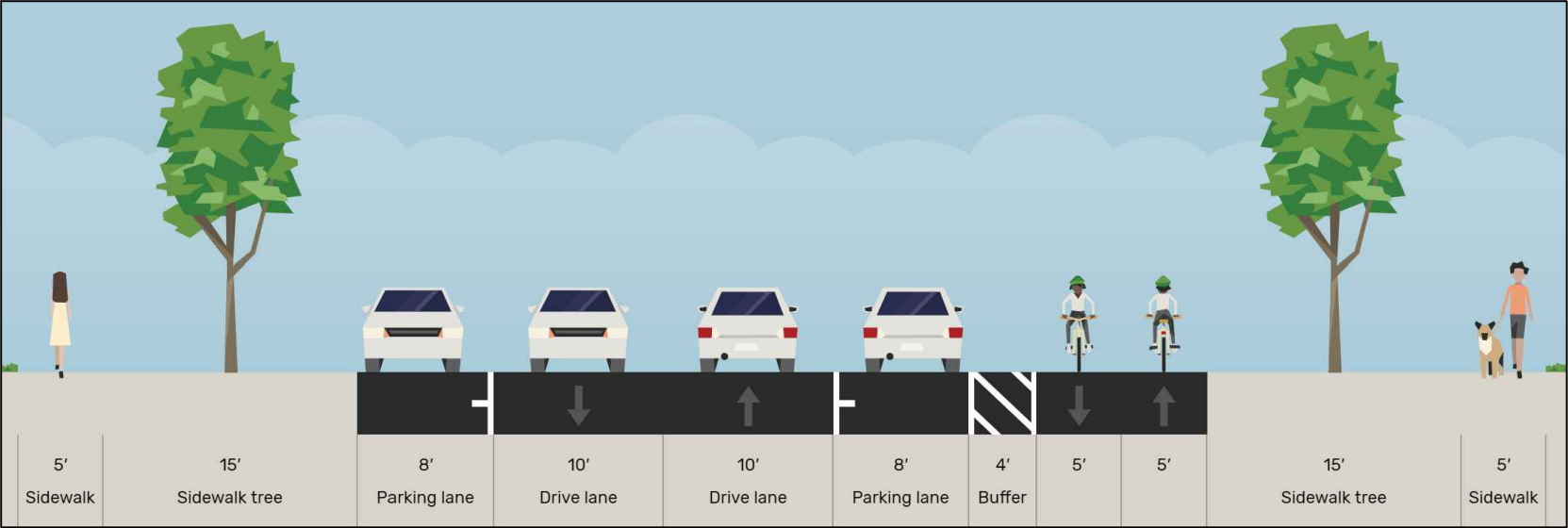
Quantities table

item	description	estimate	unit
1			
2			
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General Notes

- 1.
- 2.
- 3.

Typical Cross-section:



City of Longview, Washington

2023 Complete Streets Program

Olympia Way

CIP #: 2286

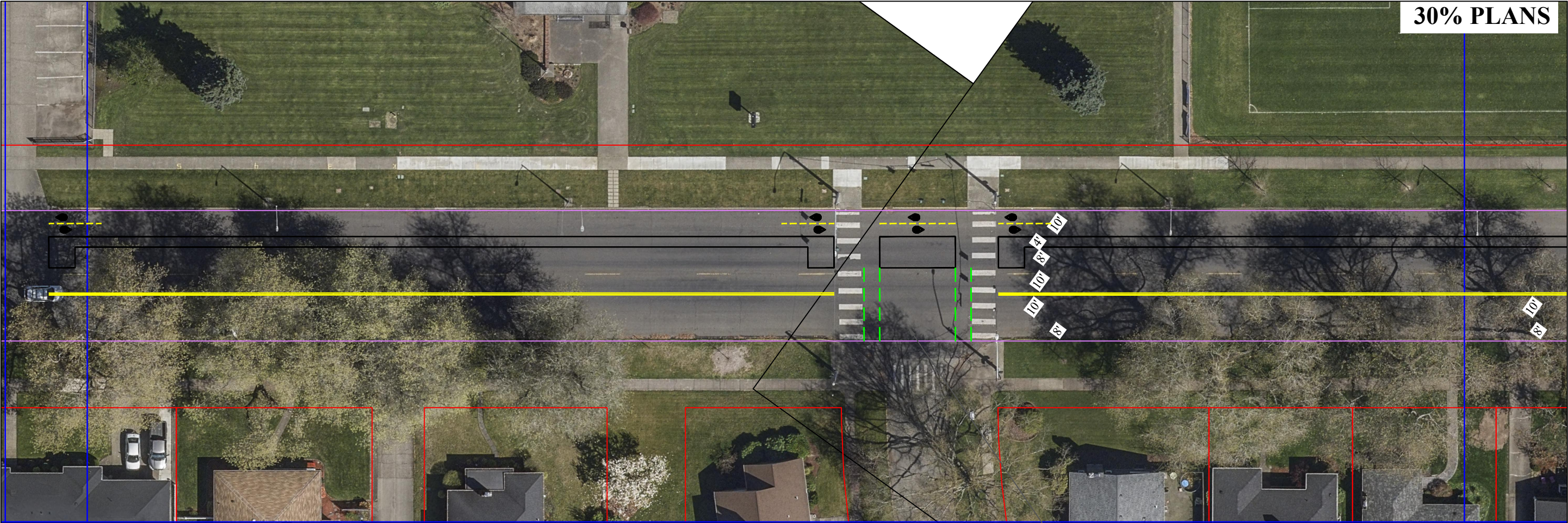
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SHEET: 00

PAGE: X OF X

DATE	REVISION	PREPARED BY	DESIGN:	DRAWN:	CAD:	CHECK:
		Kurt Sacha City Manager	KAE	MAP	MAP	SBB
		Ken Hash Public Works Director				
		City Engineer				



MAJOR CROSSING FOR WALKERS
AND BIKERS TO SCHOOL

GREEN CROSSBIKE
NO PARKING ON NORTH SIDE
OF INTERSECTION

City of Longview, Washington			PREPARED BY		REVISION		DATE	
2023 Complete Streets Program			DESIGN:					
Olympia Way			DRAWN:					
			CAD:					
			CHECK:					
CIP #: 2286			Kurt Sacha City Manager		KAE			
FILE #: 2662			Ken Hash Public Works Director		MAP			
BID SET: TBD					MAP			
SHEET: O2					SBB			
PAGE: X OF X								

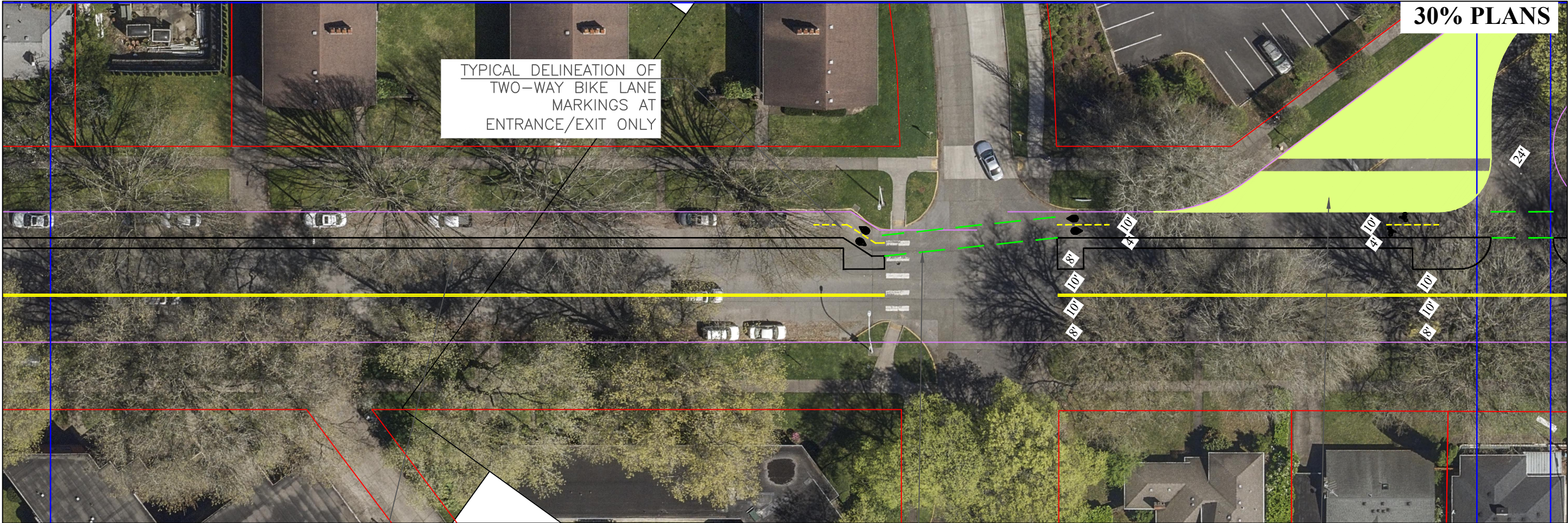


TYPICAL DELINEATION OF
TWO-WAY BIKE LANE
MARKINGS AT
ENTRANCE/EXIT ONLY

30% PLANS

TYPICAL CROSSING OF STREET
GREEN CROSSBIKE

City of Longview, Washington 2023 Complete Streets Program Olympia Way		CIP #: 2286		PREPARED BY		REVISION		DATE	
		FILE #: 2662		DESIGN: KAE					
		BID SET: TBD		DRAWN: MAP					
		SHEET: O3		CAD: MAP					
		PAGE: X OF X		CHECK: SBB					
Kurt Sacha City Manager		Ken Hash Public Works Director		City Engineer					



30% PLANS

TYPICAL DELINEATION OF
TWO-WAY BIKE LANE
MARKINGS AT
ENTRANCE/EXIT ONLY

TYPICAL PARKING AREA
WITH 4' BUFFER PAINTED TO
SEPARATE FROM BIKE LANE

TYPICAL CROSSING OF STREET
GREEN CROSSBIKE

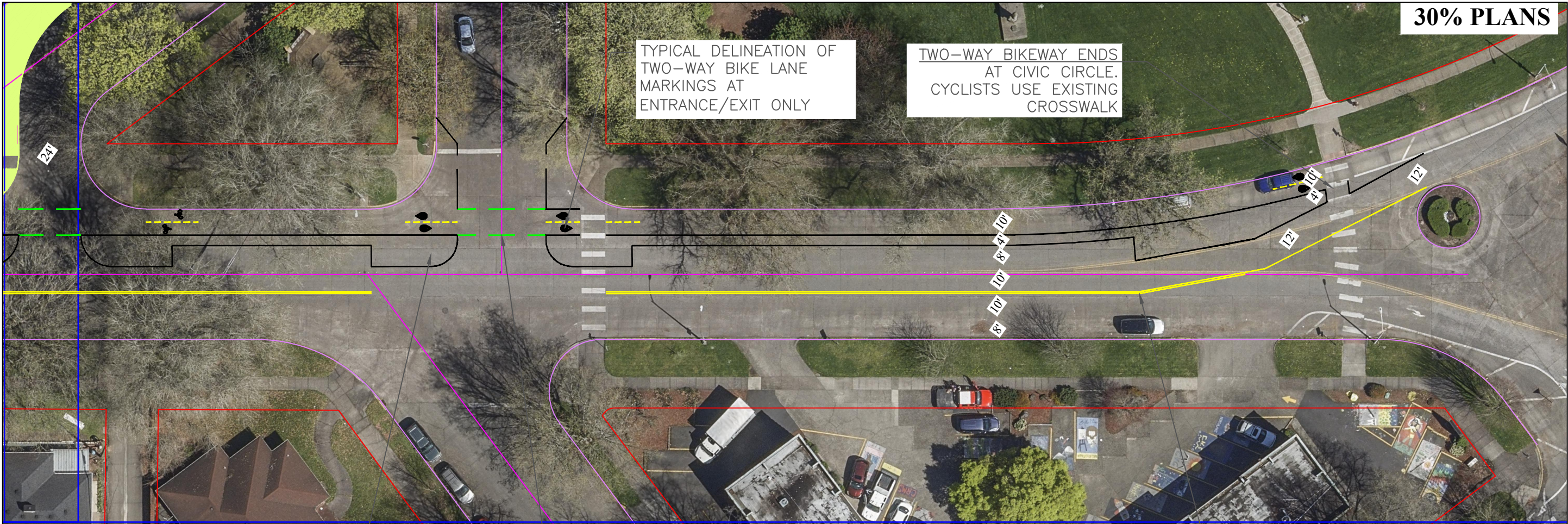
PROPOSED PAINTED CURB EXTENSION
(PUBLIC ART OPPORTUNITY)

SHORTENS THE CROSSING DISTANCE TO
24' FROM 120'

REALIGNS STREET PERPENDICULAR TO
OLYMPIA

UNHATCH AREA = PEDESTRIAN WALKWAY

CIP #: 2286		SHEET: O4	
FILE #: 2662		PAGE: X OF X	
BID SET: TBD		DATE	
City of Longview, Washington 2023 Complete Streets Program Olympia Way		REVISION	
Kurt Sacha City Manager		PREPARED BY	
Ken Hash Public Works Director		DESIGN: KAE	
City Engineer		DRAWN: MAP	
		CAD: MAP	
		CHECK: SBB	



PROPOSED PAINTED
CURB EXTENSIONS
SHORTENS CROSSING
DISTANCE FOR
BIKES/PEDS AND
PREVENTS PARKING AT
CORNERS

GREEN CROSSBIKE

RESTRIPE CENTER LINE
TO ALIGN STREET WITH
EXISTING MARKINGS AT
CIVIC CIRCLE

TYPICAL DELINEATION OF
TWO-WAY BIKE LANE
MARKINGS AT
ENTRANCE/EXIT ONLY

TWO-WAY BIKEWAY ENDS
AT CIVIC CIRCLE.
CYCLISTS USE EXISTING
CROSSWALK

30% PLANS

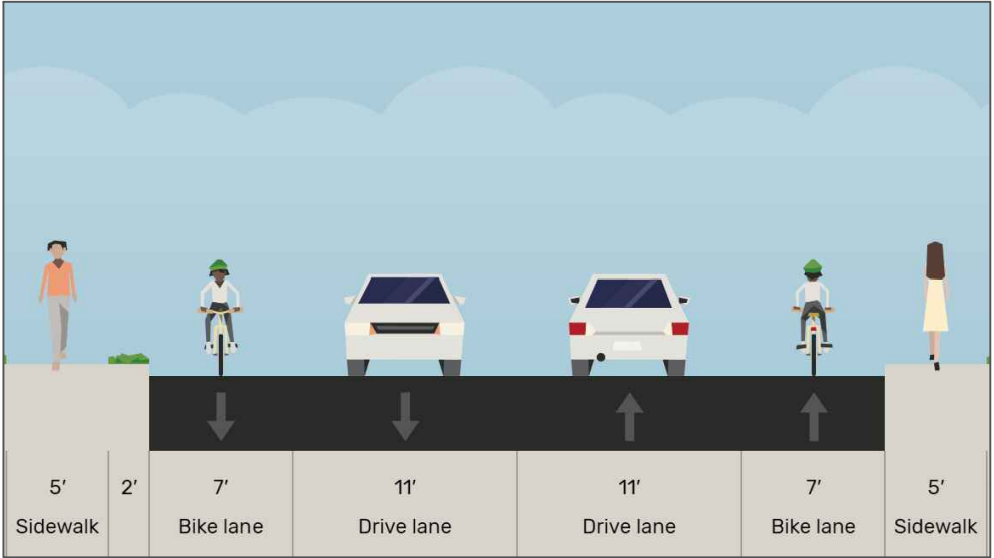
City of Longview, Washington 2023 Complete Streets Program Olympia Way		Kurt Sacha City Manager		PREPARED BY	REVISION	DATE
		Ken Hash Public Works Director		DESIGN: KAE		
				DRAWN: MAP		
				CAD: MAP		
		City Engineer		CHECK: SBB		
CIP #: 2286						
FILE #: 2662						
BID SET: TBD						
SHEET: O5						
PAGE: X OF X						



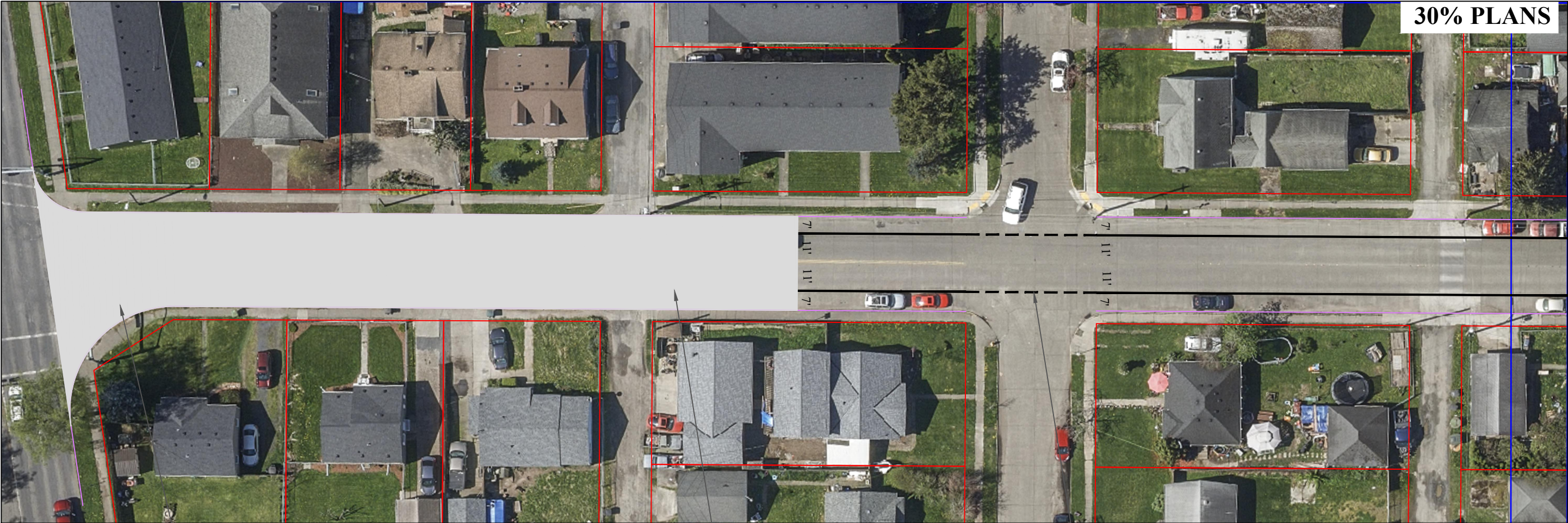
30% PLANS

Quantities table			
item	description	estimate	unit
1			
2			
3			
4			
5			

Typical Cross-Section



City of Longview, Washington 2023 Complete Streets Program 30th Ave				CIP #: 2286		SHEET: T0		PAGE: 0 OF X	
Kurt Sacha City Manager		Ken Hash Public Works Director		Karl Enyeart City Engineer		PREPARED BY		REVISION	
DESIGN: MAP		DRAWN: MAP		CAD: MAP		CHECK: SBB		DATE	



CONNECTION TO WASHINGTON WAY TO BE DETERMINED AT A LATER DESIGN STAGE

BIKE LANE
ONE WIDE LINE
7' FROM CURB

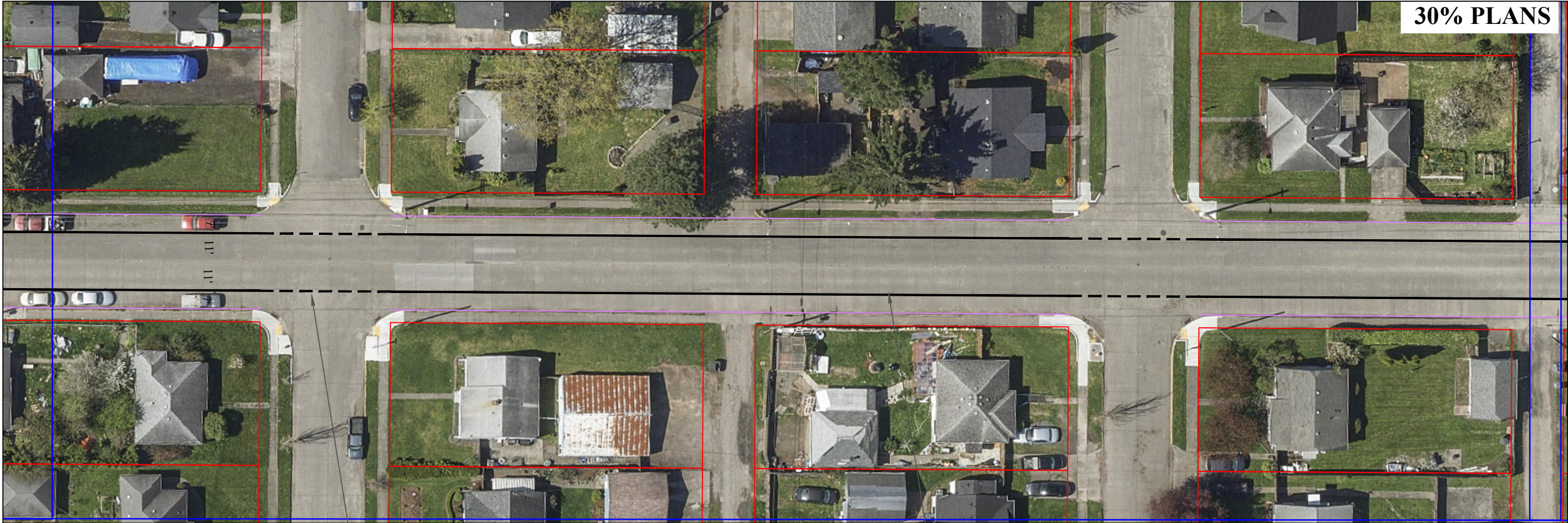
TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

City of Longview, Washington
2023 Complete Streets Program
30th Ave

CIP #: 2286
FILE #: 2662
BID SET: TBD

SHEET:
T1
PAGE:
1 OF X

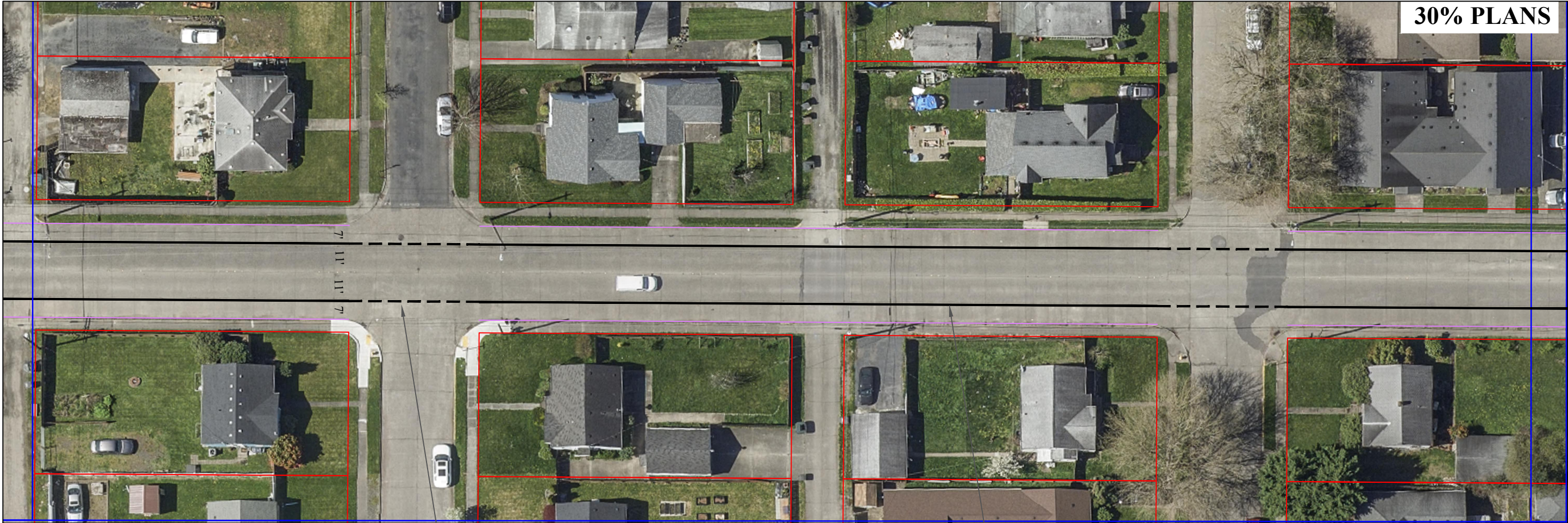
Kurt Sacha City Manager Ken Hash Public Works Director Karl Enyeart City Engineer	PREPARED BY		REVISION	DATE
	DESIGN:	MAP		
	DRAWN:	MAP		
	CAD:	MAP		
	CHECK:			



TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

BIKE LANE
ONE WIDE LINE
7' FROM CURB

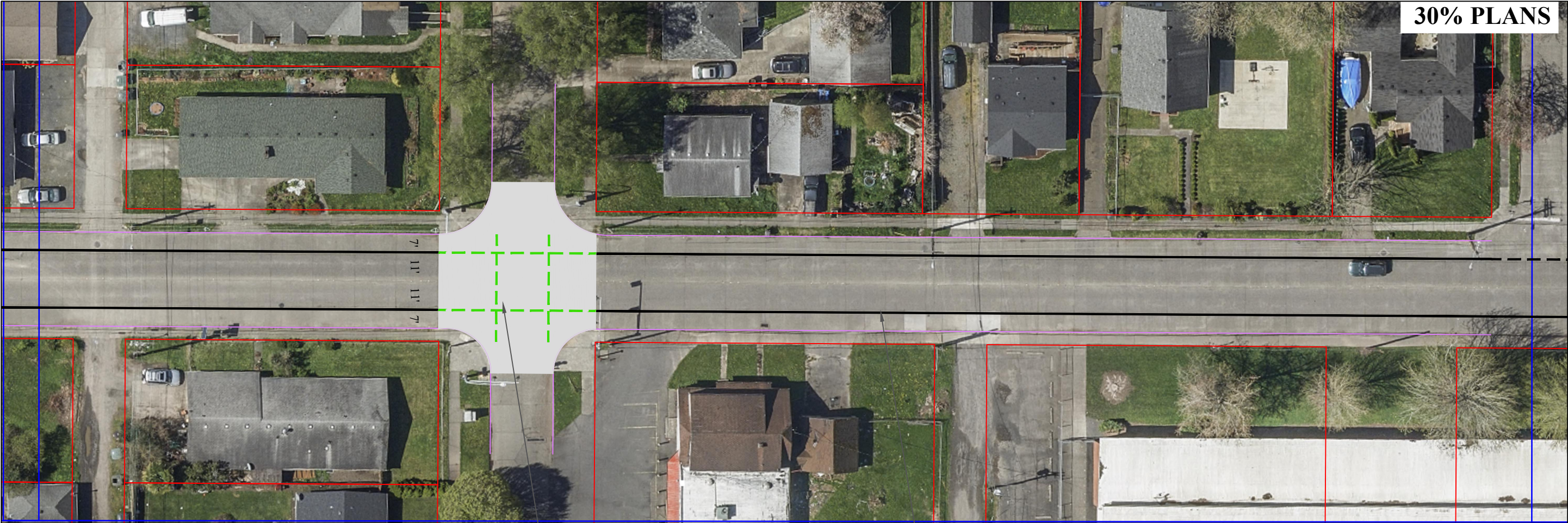
City of Longview, Washington 2023 Complete Streets Program 30th Ave		Kurt Sacha City Manager	PREPARED BY	REVISION	DATE
CIP #: 2286	DESIGN: MAP				
FILE #: 2662	DRAWN: MAP				
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SHEET: T2	Ken Hash Public Works Director	Karl Enyeart City Engineer	CHECK: SBB		
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TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

BIKE LANE
ONE WIDE LINE
7' FROM CURB

City of Longview, Washington 2023 Complete Streets Program 30th Ave			CIP #: 2286 FILE #: 2662 BID SET: TBD	SHEET: T3	PAGE: 1 OF X
Kurt Sacha City Manager		PREPARED BY	REVISION	DATE	
Ken Hash Public Works Director		DESIGN: MAP			
Karl Enyeart City Engineer		DRAWN: MAP			
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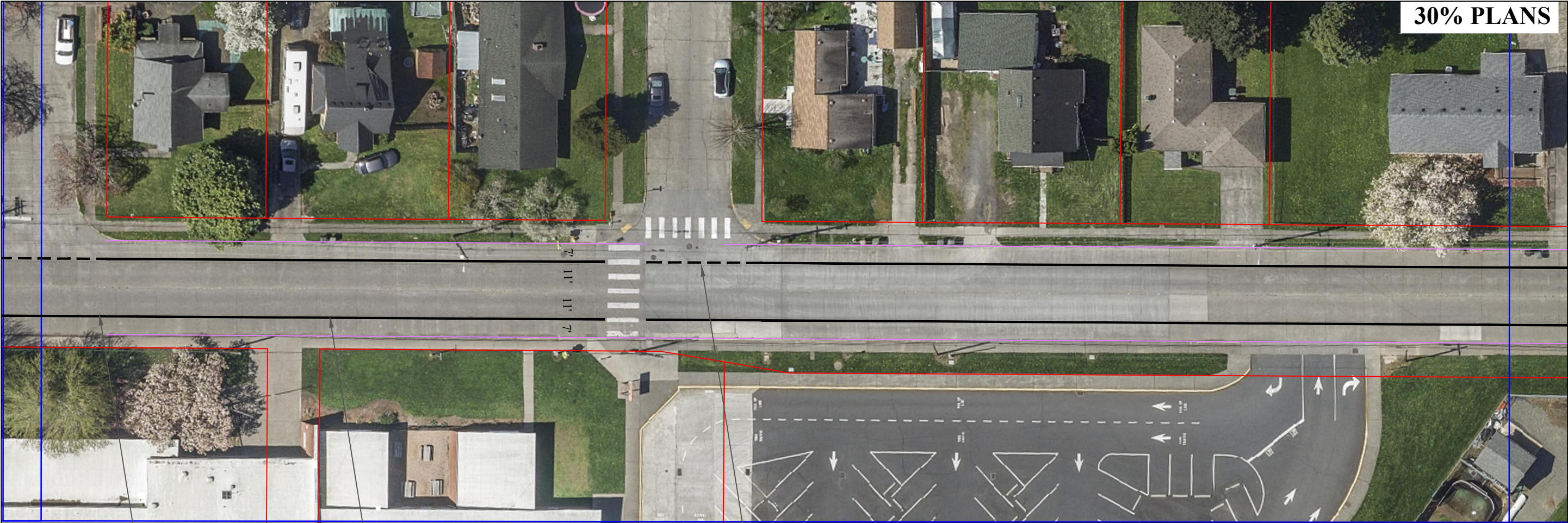


MAJOR INTERSECTION
CROSSBIKE TREATMENT
TO BE DETERMINED AT
LATER DESIGN STAGE
FOR HEMLOCK ST
BIKEWAY CONNECTION

BIKE LANE
ONE WIDE LINE
7' FROM CURB

City of Longview, Washington
2023 Complete Streets Program
30th Ave

Kurt Sacha City Manager Ken Hash Public Works Director Karl Enyeart City Engineer	PREPARED BY		REVISION	DATE
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BIKE LANE
ONE WIDE LINE
7' FROM CURB

PARKING ZONE FOR SCHOOL TO BE
DISCUSSED WITH SCHOOL DISTRICT AT A
LATER DESIGN STAGE

TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

30% PLANS

City of Longview, Washington
2023 Complete Streets Program
30th Ave

CIP #: 2286
FILE #: 2662
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Kurt Sacha City Manager Ken Hash Public Works Director Karl Enyeart City Engineer	PREPARED BY		REVISION	DATE
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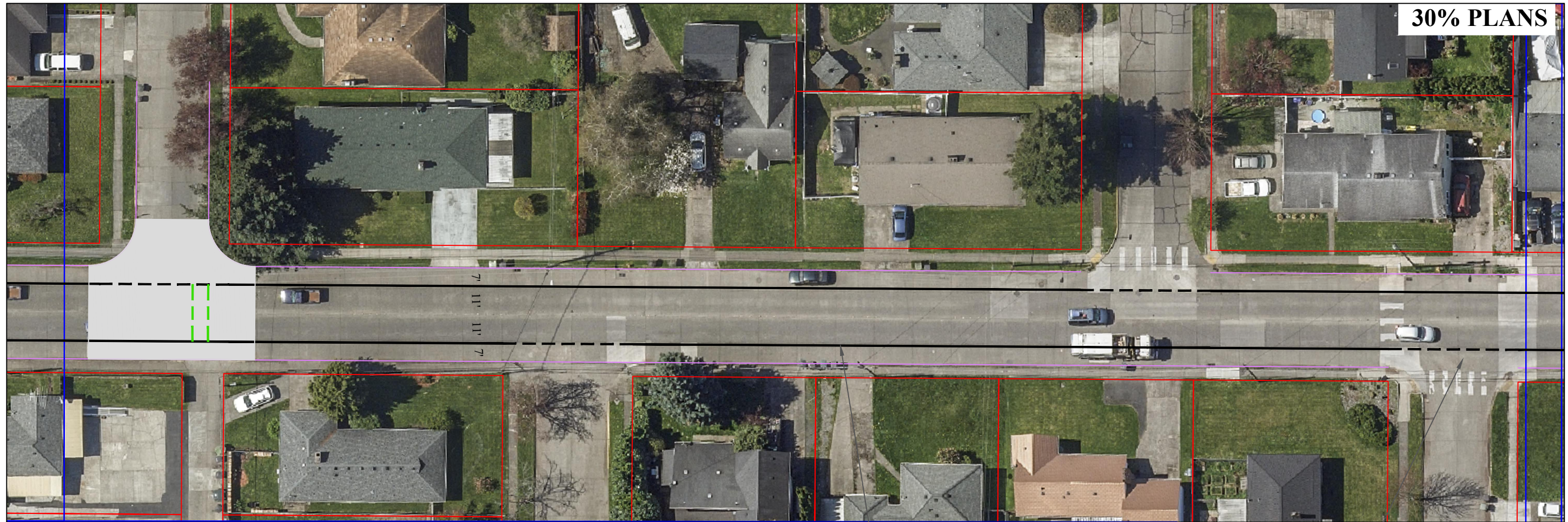
BIKE LANE
ONE WIDE LINE
7' FROM CURB

TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

City of Longview, Washington
2023 Complete Streets Program
30th Ave

CIP #: 2286
FILE #: 2662
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PAGE: 1 OF X

Kurt Sacha City Manager	PREPARED BY	REVISION	DATE
Ken Hash Public Works Director	DESIGN: MAP		
Karl Enyeart City Engineer	DRAWN: MAP		
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BIKE LANE
ONE WIDE LINE
7' FROM CURB

TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

City of Longview, Washington
2023 Complete Streets Program
30th Ave

CIP #: 2286

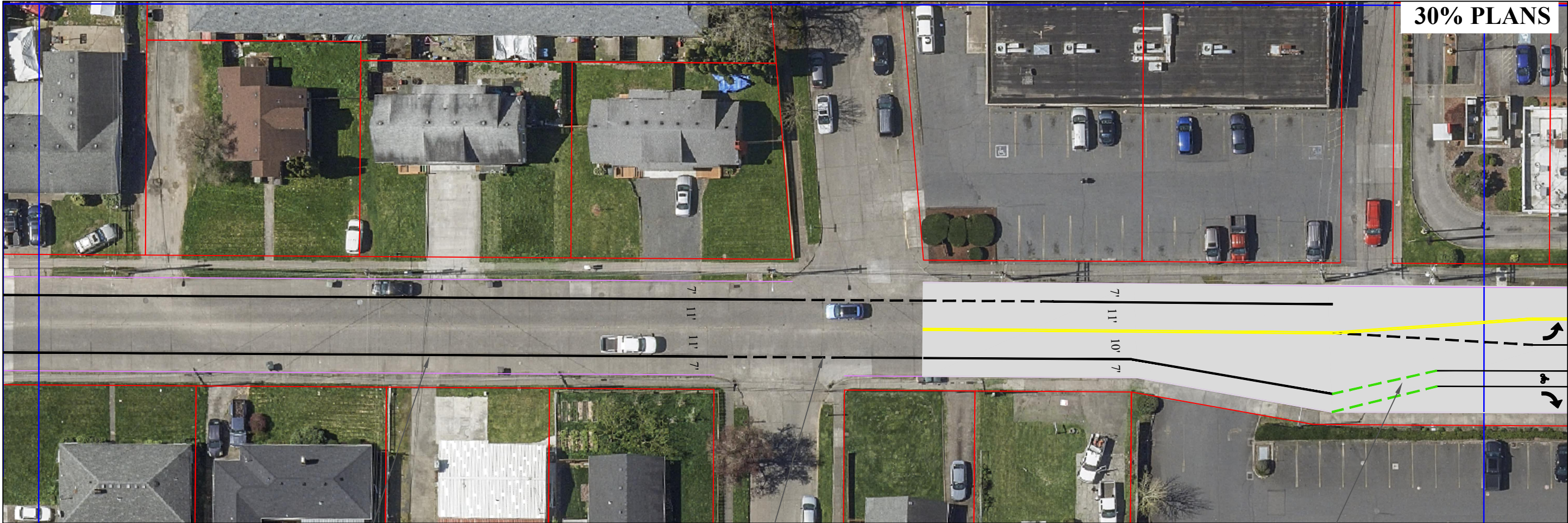
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Karl Enyeart City Engineer			

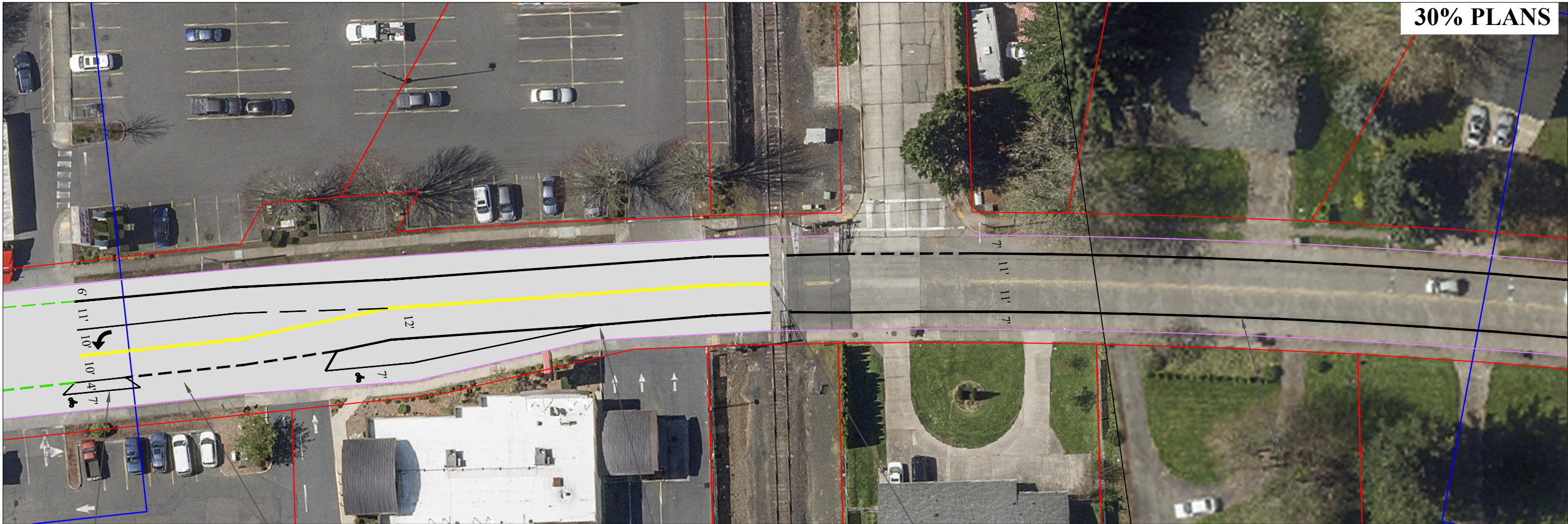


BIKE LANE
ONE WIDE LINE
7' FROM CURB

TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

POTENTIAL FOR
GREEN CROSS BIKE
HERE

City of Longview, Washington 2023 Complete Streets Program 30th Ave			PREPARED BY		REVISION	DATE
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PAGE: 1 OF X						



30% PLANS

BIKE LANE
7' WIDE WITH 5'
BUFFER

BUS STOP
TREATMENT

BIKE LANE
ONE WIDE STRIP
7' FROM CURB

RAILROAD
CROSSING
RAIL TRAIL
CROSSING
TO BE DETERMINED
AT LATER DESIGN
STAGE

BIKE LANE
ONE WIDE STRIP
7' FROM CURB

City of Longview, Washington 2023 Complete Streets Program 30th Ave			CIP #: 2286		PREPARED BY DESIGN: MAP DRAWN: MAP CAD: MAP CHECK: SBB	REVISION	DATE
SHEET: T11			FILE #: 2662				
PAGE: 1 OF X			BID SET: TBD				
Kurt Sacha City Manager			Ken Hash Public Works Director				
Karl Enyeart City Engineer							



30% PLANS

BIKE LANE
ONE WIDE STRIP
7' FROM CURB

BUS STOP
TREATMENT

TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

City of Longview, Washington 2023 Complete Streets Program 30th Ave			CIP #: 2286		PREPARED BY DESIGN: MAP DRAWN: MAP CAD: MAP CHECK: SBB	REVISION	DATE
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PAGE: 1 OF X			BID SET: TBD				
Kurt Sacha City Manager			Ken Hash Public Works Director				
Karl Enyeart City Engineer							



30% PLANS

BIKE LANE
ONE WIDE STRIP
7' FROM CURB

TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

City of Longview, Washington 2023 Complete Streets Program 30th Ave		CIP #: 2286	PREPARED BY Kurt Sacha City Manager	DESIGN: MAP	REVISION	DATE
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			Ken Hash Public Works Director	DRAWN: MAP		
			Karl Enyeart City Engineer	CAD: MAP		
				CHECK: SBB		



BIKE LANE
ONE WIDE STRIP
7' FROM CURB

TYPICAL MINOR INTERSECTION TREATMENT
DASHED LINE

City of Longview, Washington
2023 Complete Streets Program
30th Ave

CIP #: 2286

FILE #: 2662

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Kurt Sacha City Manager Ken Hash Public Works Director Karl Enyeart City Engineer	PREPARED BY		REVISION	DATE
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30% PLANS

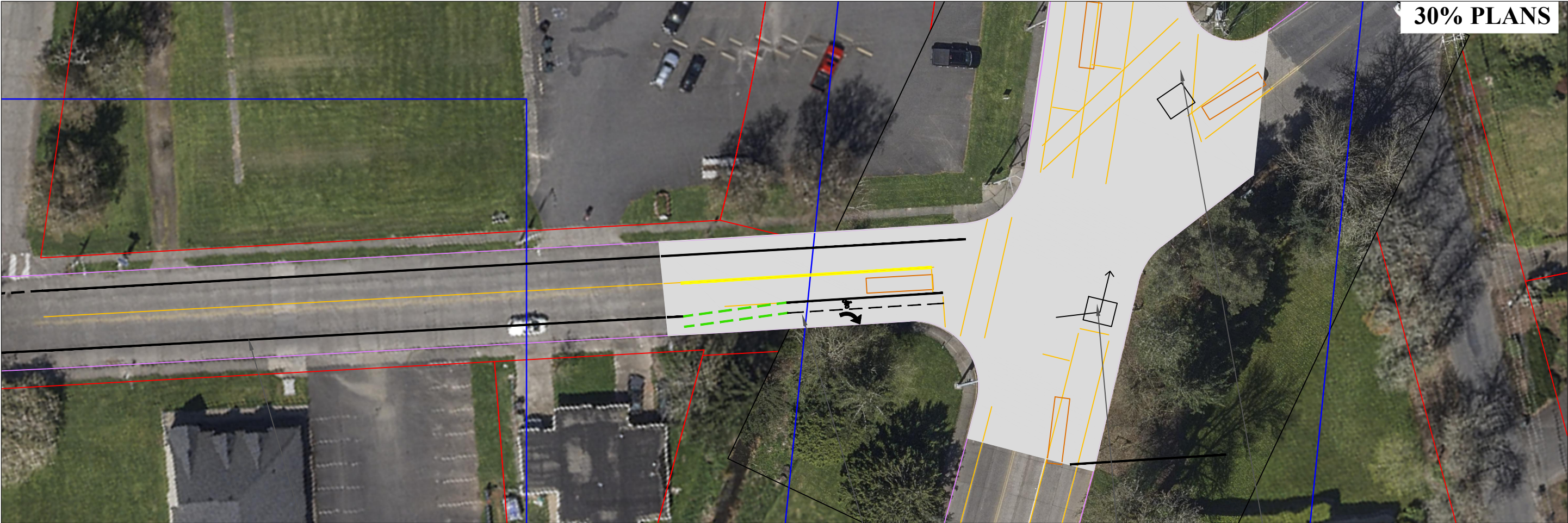
FRONTAGE AT SCHOOL TO BE DETERMINED AT LATER DESIGN STAGE

ISSUE: BUMPOUTS INTRUDE INTO BIKE LANE AND SCHOOL PARKING

POTENTIAL SOLUTIONS:

- 1) sharrows in road, bikes share lane with cars
- 2) Parking allowed for 1 hour at school times, rest of the time the bike lane
- 3) Ramp up to sidewalk through school zone

City of Longview, Washington 2023 Complete Streets Program 30th Ave		PREPARED BY		REVISION		DATE	
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PAGE: 1 OF X							



BIKE LANE
ONE WIDE STRIP
7' FROM CURB

RIGHT TURN AND
BIKE LANE
COMBINED PER
NACTO GUIDANCE

CONSIDER GREEN
PAINT AT
CROSSING POINT

OPPORTUNITY FOR
TWO STAGE TURN BOX PER
NACTO, TO PROVIDE SAFER
LEFT TURNS FROM 30TH
TO PACIFIC

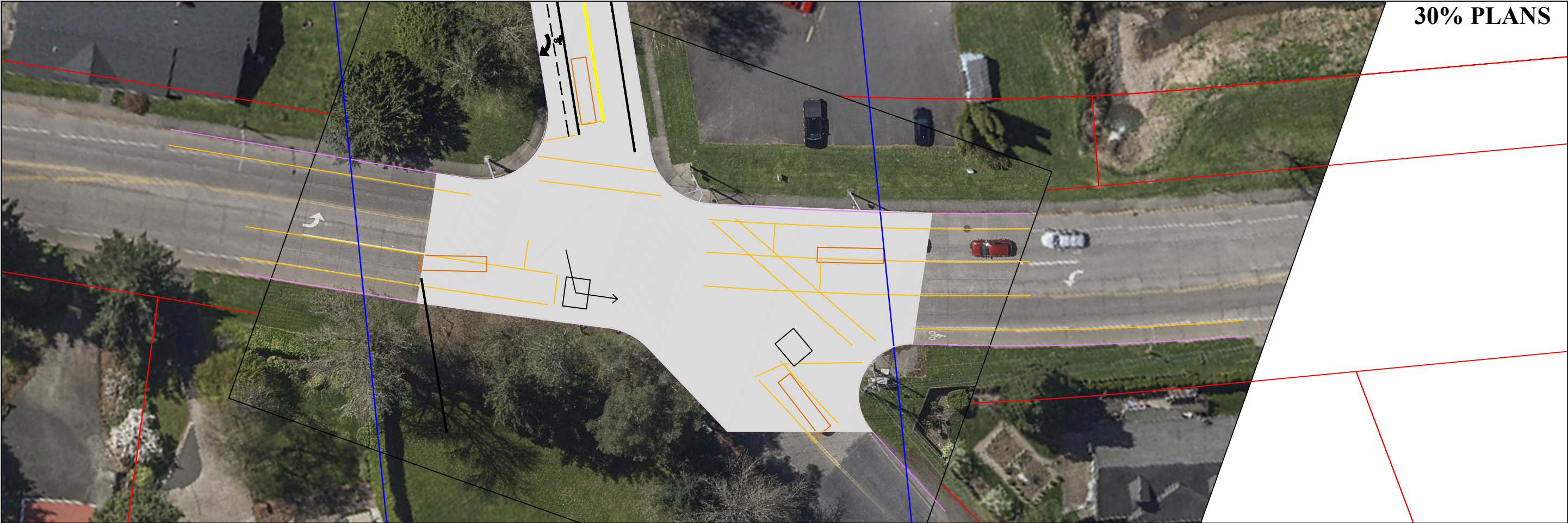
OPPORTUNITY FOR
TWO STAGE TURN BOX TO
PROVIDE SAFER LEFT
TURNS FROM PACIFIC
ONTO 30TH

30% PLANS

City of Longview, Washington
2023 Complete Streets Program
30th Ave

CIP #: 2286
FILE #: 2662
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PAGE: 1 OF X

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Karl Enyeart City Engineer	CAD: MAP		
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Kurt Sacha City Manager	PREPARED BY		REVISION		DATE
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Ken Hash Public Works Director					
Karl Enyeart City Engineer					

January 19, 2023

To: City Review Team, Complete Streets Advisory Committee

From: Morgan Palmer, Project Engineer

Project: 2023 Complete Streets Program
TIB Complete Streets Grant # C-W-187(001)-1, City of Longview CIP # 2282

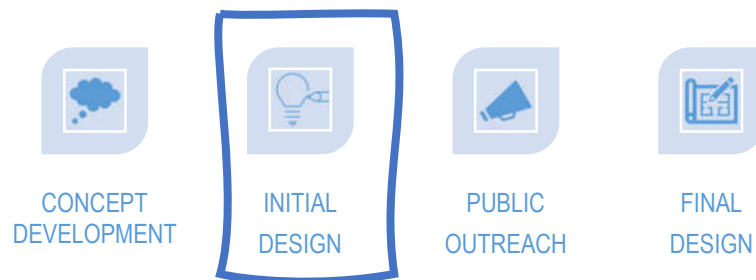
Subject: 30% Design Submittal

Attachments: 30% Design Plans and 30% Engineer's Estimate

This memo summarizes the improvements illustrated on the attached 30% design plans. This project came as a result of a \$400,000 grant from the Washington State Transportation Improvement Board. The goal of this project is to install high-quality, low-stress, and all ages and abilities bicycle facilities on three City streets, approximately 3.7 miles in total. The grant allows the City to make substantial progress on the projects prioritized in the 2022 Longview Bicycle and Pedestrian Master Plan.

Street	Master Plan Bike Project ID	Length (miles)
Hudson St	61	1.0
Olympia Way	25	0.6
30th Ave	6 & 7	2.1

At this point in the project, we are at the 30% design phase. Previously, the concepts for each street were discussed with the Complete Streets Advisory Committee. A typical project goes through concept development, 30%, 60%, 90%, and final design. Each step incrementally adds more detail to prepare the project for construction. The 30% design highlights the geometry of the proposed improvements and illustrates how the conceptual designs are implemented on the existing streets. The Project Engineer is guiding this project through the collaborative design process, to ensure transparent decision making for the citizens of Longview. During the initial design phase, we are working through major issues or questions with the Advisory Committee and City Staff review team prior to launching the broader public outreach.



Collaborative Design Process (with current step highlighted)

Memorandum

We will highlight the major attributes of these improvements for each street shown on the 30% design plans, attached. According to the engineer's estimate for the 30% design, these improvements are possible within the project budget, also attached.

Hudson Street

- Install parking-protected bike lane from 7th Ave to Washington Way, except for 12th Ave to 14th Ave. Install shared street markings from 12th Ave to 14th Ave
- Narrow car drive lanes to 10 feet to encourage compliance with 25 mph speed limit
- Shorten crossing distance and improve safety at 18th Ave and Safeway intersection, by installing painted curb bulbouts and removing existing diagonal crosswalk
- Create opportunity for public street mural in bulbout at 18th Ave and Safeway intersection
- Relocate parking spaces from south side of Hudson St at Safeway to diagonal parking spaces along the adjacent 18th Avenue one-way street
- Add green cross-bike at 15th Avenue, and potential for cross-bike markings at 12th and 14th Ave
- Remove parking along half block at 12th Ave and 14th Ave, where adjacent public parking lots can be utilized. Move ADA space for Police station around corner to 14th Ave
- Remove left-turn lane at 11th Avenue

Olympia Way

- Install two-way, parking-protected bike lane on north side of street from Ocean Beach Highway to 17th Avenue.
- Narrow car drive lanes to 10 feet to encourage compliance with 25 mph speed limit
- Re-stripe centerline of street to shift approximately 7 feet south
- Install protected corner and green cross-bikes at Ocean Beach Highway and Olympia Way, to allow for safer crossing of Ocean Beach Highway
- Install painted curb bulbouts to shorten crossing distance at Northlake Elementary (22nd Ave) and 18th Ave, to allow for safe refuge for students crossing Olympia Way
- Create opportunity for public street mural through painted bulbout/realignment at Maple St

30th Avenue

- Install wide bike lane from Washington Way to Pacific Way
- Narrow car drive lanes to 11 feet to encourage compliance with 25 mph speed limit
- Remove on-street parking from Washington Way to Pacific Way (school areas are still under consideration), this is necessary to allow for addition of bike lanes along this corridor
- Restripe intersection of 30th Ave at Ocean Beach Highway; narrow lanes to 10 feet to allow for bike lane to pass through intersection, add green cross-bikes across Ocean Beach Highway
- Reallocate right-turn lane on east side of 30th Ave, in front of Safeway, to protected bike lane to allow for safer navigation through this block and encourage drivers to safely merge onto 30th Ave from Ocean Beach Hwy

Memorandum

There are several outstanding questions or issues that the design team is hoping to resolve for the 60% design submittal:

- Hudson St
 - How should bikes navigate 3rd to 7th Avenue? Shared street or bikes on sidewalk? This section is narrower than the rest of the corridor
- Olympia Way
 - How to end bike lane at Civic Circle? Currently shown that bikes would merge onto crosswalk at Louisiana/17th
- 30th Ave
 - How to treat bike lane in front of CVG and Olympic Schools? Should there be parking allowed all day? Can parking be allowed for 1 hour at school pick-up/drop-off, but prohibited the remainder?
 - How to transition to Pacific Way and Ditch 6 trail? Two-stage turn boxes are possible here.

Please review the attached 30% plans and 30% engineer's estimate and reply with any comments.

2023 Complete Streets Program

CIP # 2286 | File # 2662 | TIB # C-W-187(001)-1

Engineer's Estimate (30%) - Morgan Palmer - 01/19/2023

WSDOT Specification	WSDOT Item	Description	Unit	Estimated Quantities, by Street			Estimated Total	Unit Cost	Item Cost
				Olympia Way	Hudson Street	30th Avenue			
8-22	Plastic Line	White, Solid	LF	5460	16000	18800	40260	\$ 4.00	\$ 161,040.00
8-22	Plastic Line	White, Broken	LF	300	1120	1200	2620	\$ 4.00	\$ 10,480.00
8-22	Plastic Line	Yellow, Double	LF	2730	1200	800	4730	\$ 4.00	\$ 18,920.00
8-22	Plastic Line	Yellow, Broken	LF	400	100	0	500	\$ 4.00	\$ 2,000.00
8-22	Painted Crosswalk Line	Crossbikes (Green)	SF	120	360	360	840	\$ 40.00	\$ 33,600.00
8-22	Painted Crosswalk Line	Crosswalks (White)	SF	0	200	200	400	\$ 20.00	\$ 8,000.00
8-22	Plastic Bicycle Lane Symbol	Bicyclist	EA	0	0	56	56	\$ 150.00	\$ 8,400.00
8-22	Plastic Bicycle Lane Symbol	Seattle Arrow	EA	30	56	0	86	\$ 100.00	\$ 8,600.00
8-22	Plastic Bicycle Lane Symbol	Sharrow	EA	0	4	0	4	\$ 400.00	\$ 1,600.00
8-22	Plastic Traffic Arrow	Turn Symbol (Left/ Right)	EA	1	4	12	17	\$ 400.00	\$ 6,800.00
Special	-	Vortex Raised Area	SF	210	0	0	210	\$ 20.00	\$ 4,200.00
N/A	-	Painted Art (Volunteers)	SF	4500	1200	0	5700	\$ -	\$ -
8-22	Plastic Line	Art Stripe (Contractor)	LF	230	400	0	630	\$ 4.00	\$ 2,520.00
8-22	Removing Plastic Traffic Symbols	Removal of Symbols	EA	6	10	10	26	\$ 100.00	\$ 2,600.00
8-22	Removing Plastic Traffic Marking	Removal of Striping	LF	500	500	500	1500	\$ 2.00	\$ 3,000.00
							Item Subtotal		\$ 271,760.00
							Mobilization	10%	\$ 27,176.00
							Traffic Control	5%	\$ 13,588.00
							Contingency	15%	\$ 40,764.00
							Total Estimate		\$ 353,288.00
							Target Budget		\$ 360,000.00