

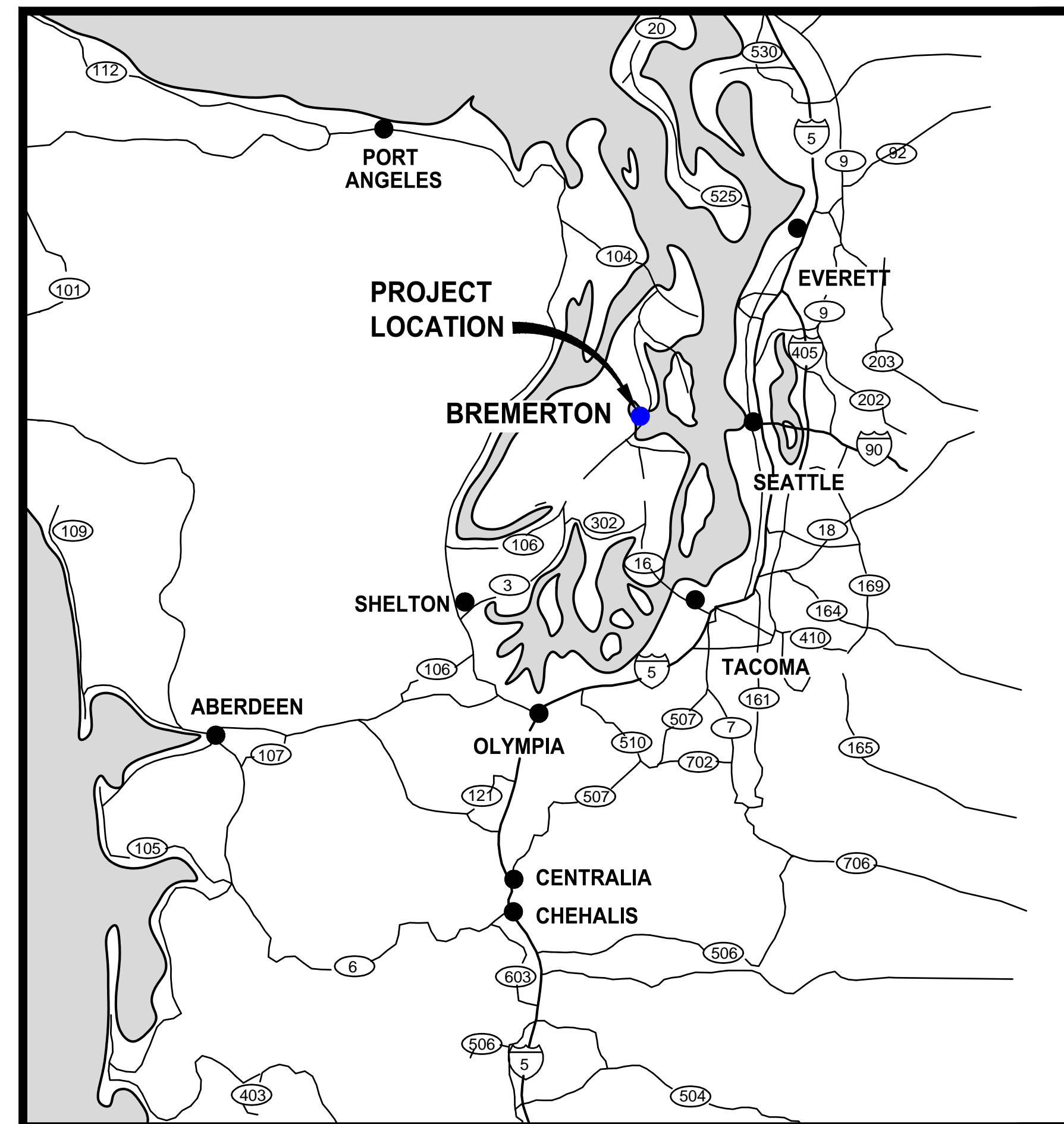
## DEPARTMENT OF PUBLIC WORKS AND UTILITIES



City of Bremerton  
Engineering Division

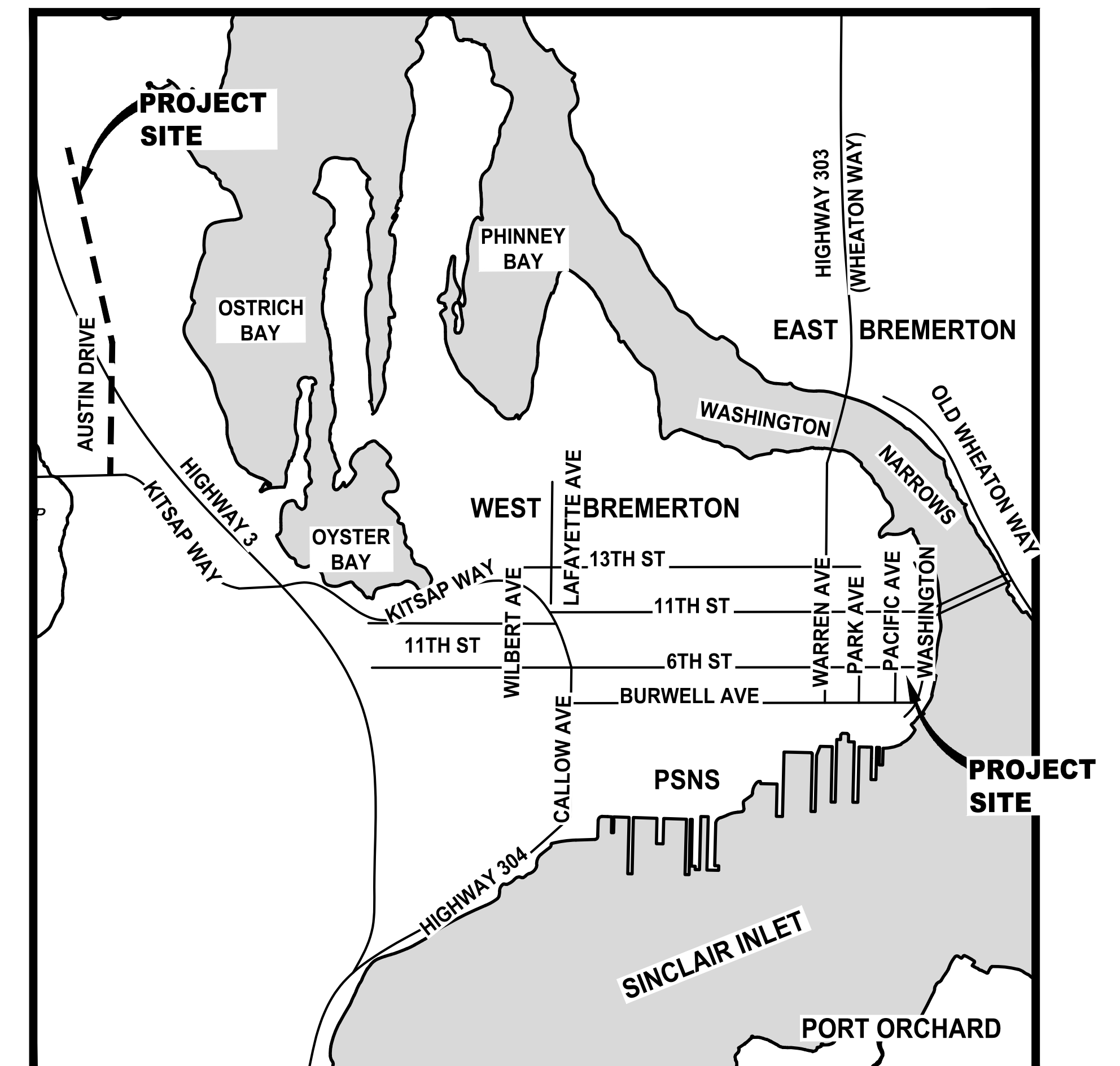
**CITY OF BREMERTON PROJECT NO. 315027**

MAY 2021



NO SCALE

INDEX TO DRAWINGS		
SHT NO.	DWG NO.	SHEET TITLE
GENERAL		
1	G1	COVER SHEET
2	G2	GENERAL NOTES, LEGEND AND DETAILS
3	G3	DETAILS
4	G4	DETAILS
5	G5	SHEET LAYOUT
CHANNELIZATION		
6	CH1	PACIFIC AVENUE/BURWELL STREET
7	CH2	PACIFIC AVENUE
8	CH3	PACIFIC AVENUE/FIRST STREET
9	CH4	FIRST STREET/WASHINGTON AVENUE
10	CH5	WASHINGTON AVENUE/SECOND STREET
11	CH6	WASHINGTON AVENUE/BURWELL STREET
12	CH7	WASHINGTON AVENUE/FOURTH STREET
13	CH8	WASHINGTON AVENUE
14	CH9	WASHINGTON AVENUE/FIFTH STREET
15	CH10	WASHINGTON AVENUE/SIXTH STREET
16	CH11	BURWELL STREET
17	CH12	BURWELL STREET
18	CH13	AUSTIN DRIVE
19	CH14	AUSTIN DRIVE
20	CH15	AUSTIN DRIVE
21	CH16	AUSTIN DRIVE
22	CH17	AUSTIN DRIVE
23	CH18	AUSTIN DRIVE



NO SCALE



Know what's **below**.  
**Call** before you dig.



SHANE WEBER, PE  
MANAGING ENGINEER

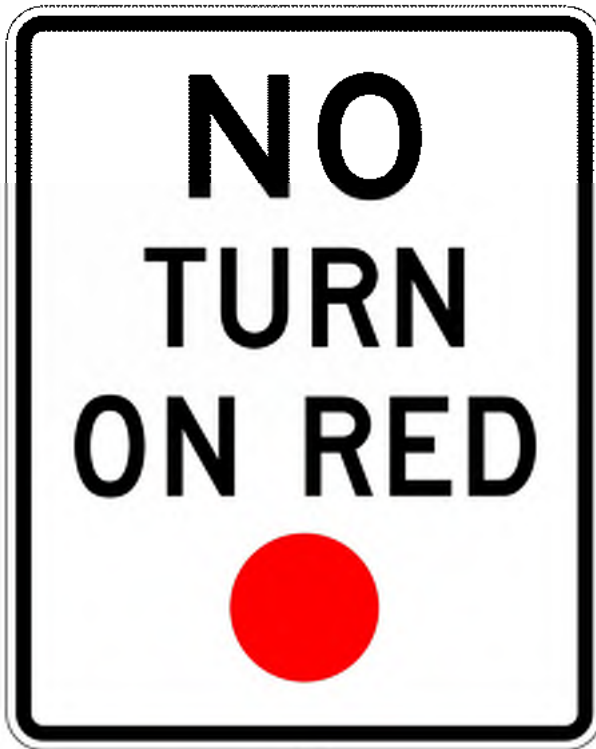
NED LEVER, PE  
CITY ENGINEER

**BID SET**

<div>NO</div> <div>REVISIONS</div> <div>DESCRIPTIONDATEBY</div> <table><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																																																<div>01"2"</div> <div>TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY</div> <div>SCALE</div> <div>HORIZ. AS NOTEDVERT. AS NOTED</div>		<div>FIELD BOOK</div> <div><div>B</div><div>CITY OF BREMERTON</div></div> <div>CITY OF BREMERTON</div> <div>DEPARTMENT OF PUBLIC WORKS &amp; UTILITIES</div> <div>ENGINEERING DIVISION</div> <div>Parametrix</div>	<div>DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS</div> <div>COVER SHEET</div>		<div>DWG NO.</div> <div>G1</div> <div>SHEET</div> <div>1</div> <div>OF</div> <div>23</div>
				<div>DRAWING NO.</div>	<div>DRAWN BY: J. JOHNSON</div> <div>DATE: 6/25/2021</div>	<div>DESIGN BY: R. SAYLES</div> <div>WASH.P.E.# 58086DATE: 6/25/2021</div>	<div>CHECKED BY: D. DINKUHN</div> <div>WASH.P.E.# 35814DATE: 6/25/2021</div>	<div>PN: 233-1896-163</div>																																													

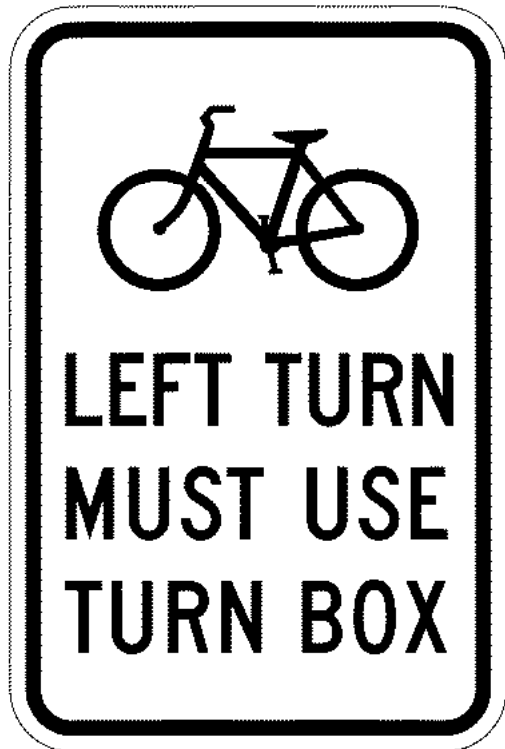


LAYOUT: 2  
PATH: U:\PSD\Projects\Clients\1896-163 BikerPedCircImprov\985\cs\CAD\DWG\PS231896163.dwg  
PLOTTED BY: John Mado DATE: June 25, 2021 08:58:25



R10-11  
DETAIL

NO SCALE TYP



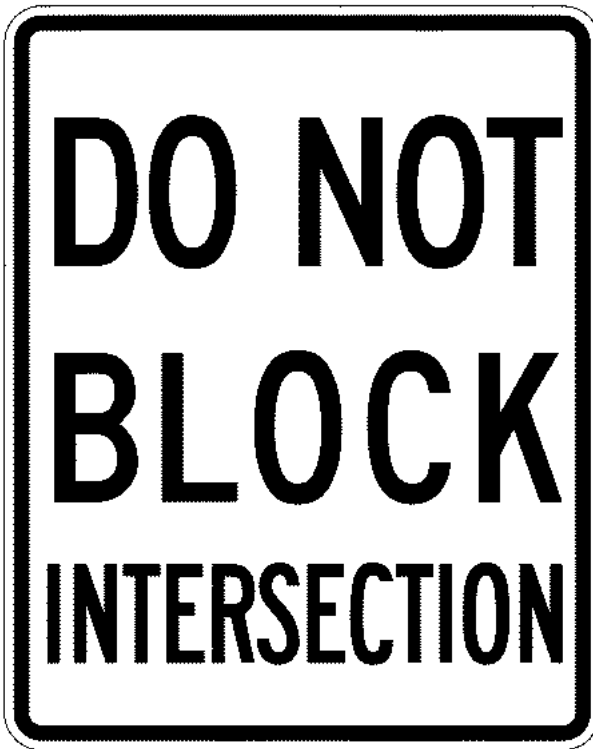
R9-23aL  
DETAIL

NO SCALE TYP



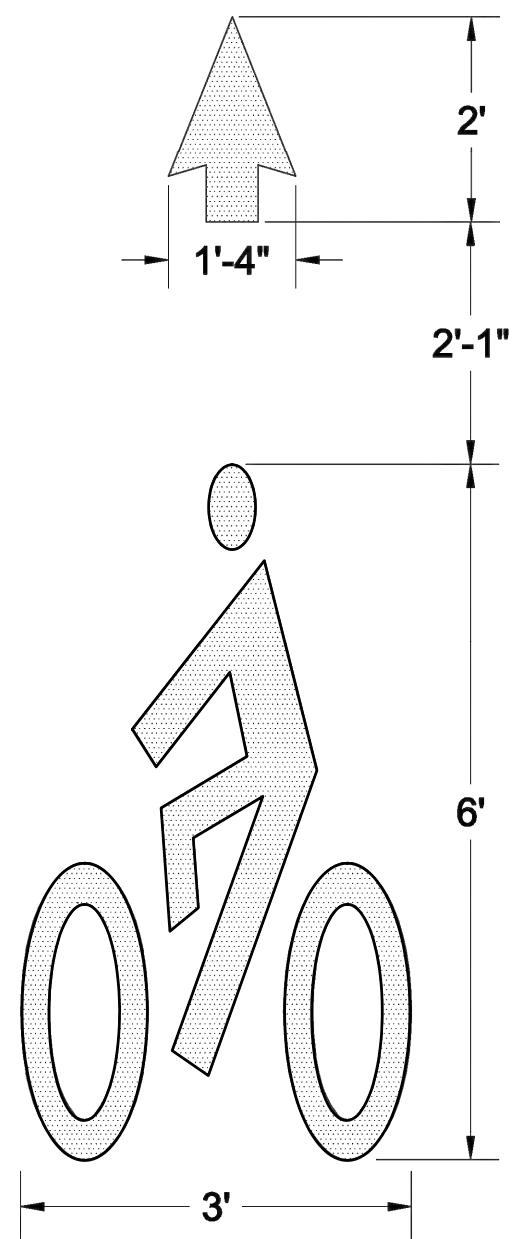
R4-11  
DETAIL

NO SCALE TYP



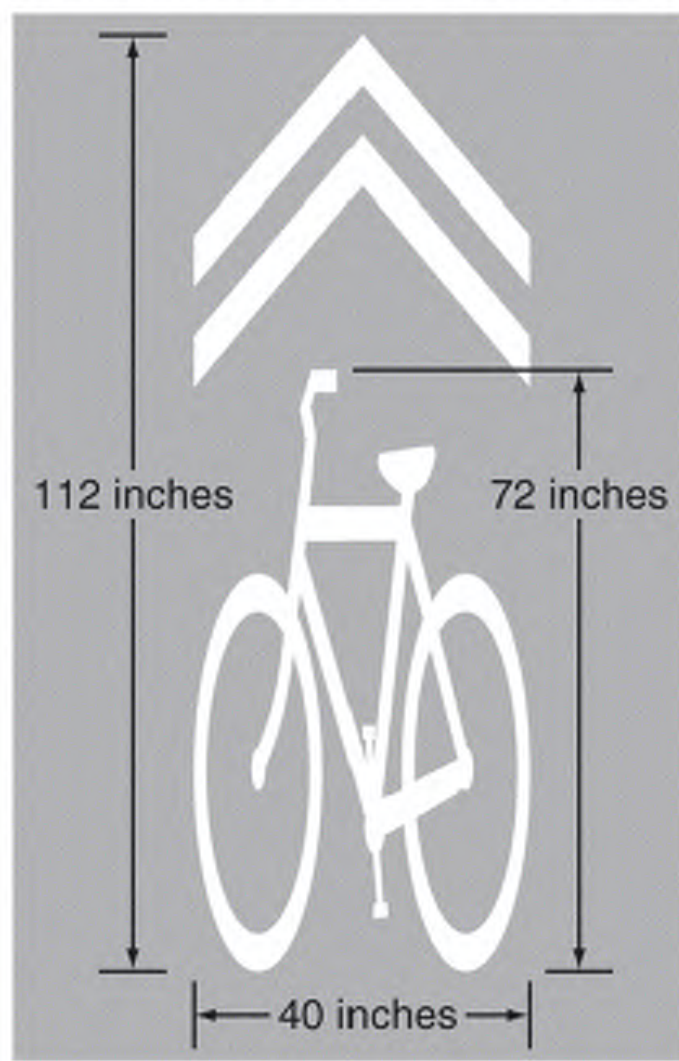
R10-7  
DETAIL

NO SCALE TYP



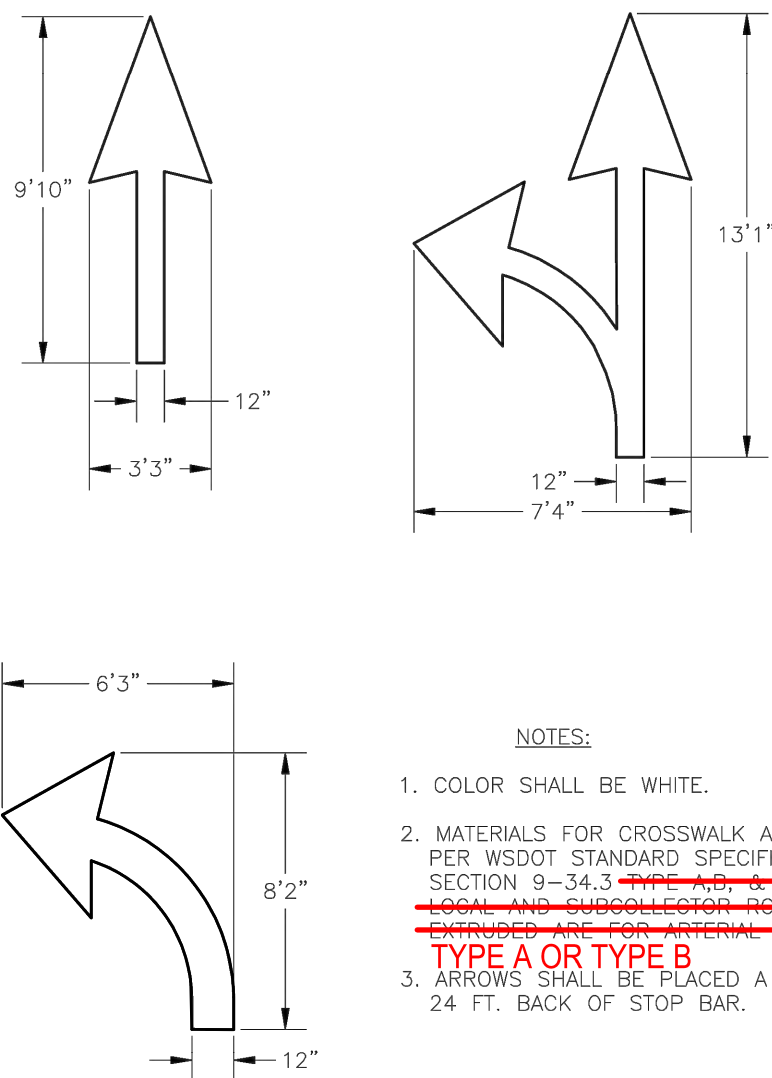
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES - 2009 EDITION PART 9

Figure 9C-9. Shared Lane Marking

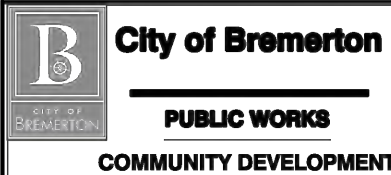


SHARED LANE MARKING  
DETAIL

NO SCALE TYP



- NOTES:
1. COLOR SHALL BE WHITE.
  2. MATERIALS FOR CROSSWALK ARE PLASTIC PER WSDOT STANDARD SPECIFICATIONS SECTION 9-34.3 ~~TYPE A OR TYPE B~~ ~~EXCLUDED ARE FOR ARTERIAL ROADS~~ **TYPE A OR TYPE B**
  3. ARROWS SHALL BE PLACED A MINIMUM OF 24 FT. BACK OF STOP BAR.



City of Bremerton  
PUBLIC WORKS  
COMMUNITY DEVELOPMENT



PAVEMENT MARKINGS  
ARROW SYMBOLS

3267  
Revision Date  
10/12/12

EXISTING LEGEND:

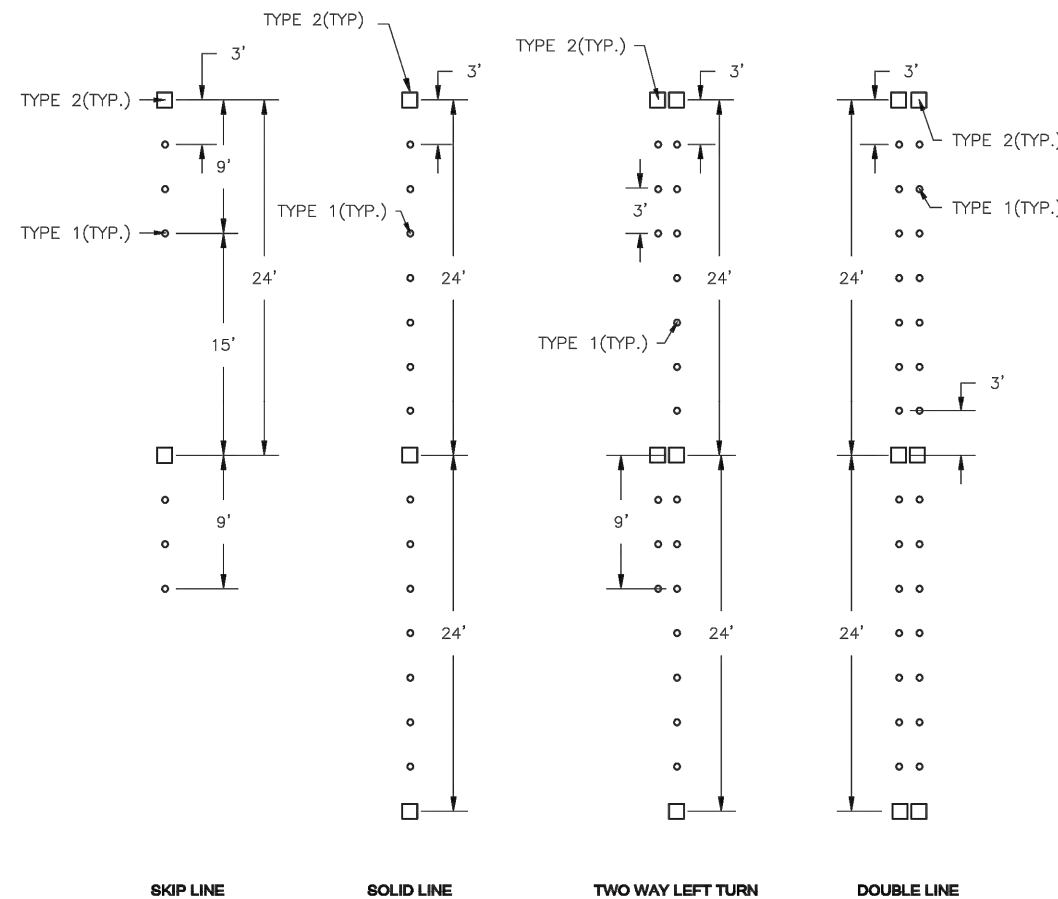
- PROPERTY LINE
- RIGHT OF WAY
- CURB FLOWLINE
- SIGN
- CROSSWALK
- EXISTING PAVEMENT MARKINGS

PROPOSED LEGEND:

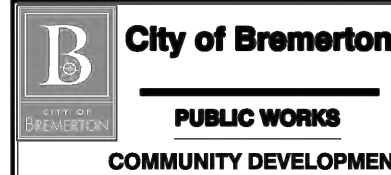
- RRFB
- WAVETRONIX RADAR DETECTION
- PUSH BUTTON FOR RRFB
- CENTRAL BUSINESS DISTRICT DOUBLE FIXTURE LIGHT
- BRICK PAVEMENT RESTORATION, SEE DETAIL
- CONCRETE SIDEWALK RESTORATION, SEE DETAIL
- DETECTABLE WARNING SURFACE

PROPOSED LEGEND:

- SIGN
- BICYCLE LANE MARKINGS
- SHARED LANE MARKING
- DOUBLE LINE
- DASHED LINE
- WHITE LINE
- WHITE LINE, DOTTED 2'X2' SKIP PATTERN
- YELLOW SKIP LINE
- RED PAINTED CURB
- WHITE PAVEMENT MARKING
- GREEN PAVEMENT MARKING
- 12 IN. STOP BAR
- REMOVAL OF EXISTING PAVEMENT MARKING
- CONDUIT FOR RRFB



RAISED PAVEMENT MARKER LINE  
N.T.S.

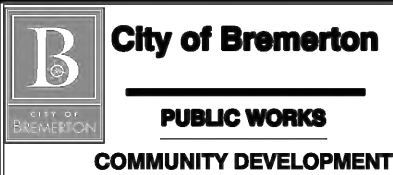


City of Bremerton  
PUBLIC WORKS  
COMMUNITY DEVELOPMENT



RAISED PAVEMENT MARK LINE  
CLASSIFICATION

3262  
Revision Date  
10-12-12

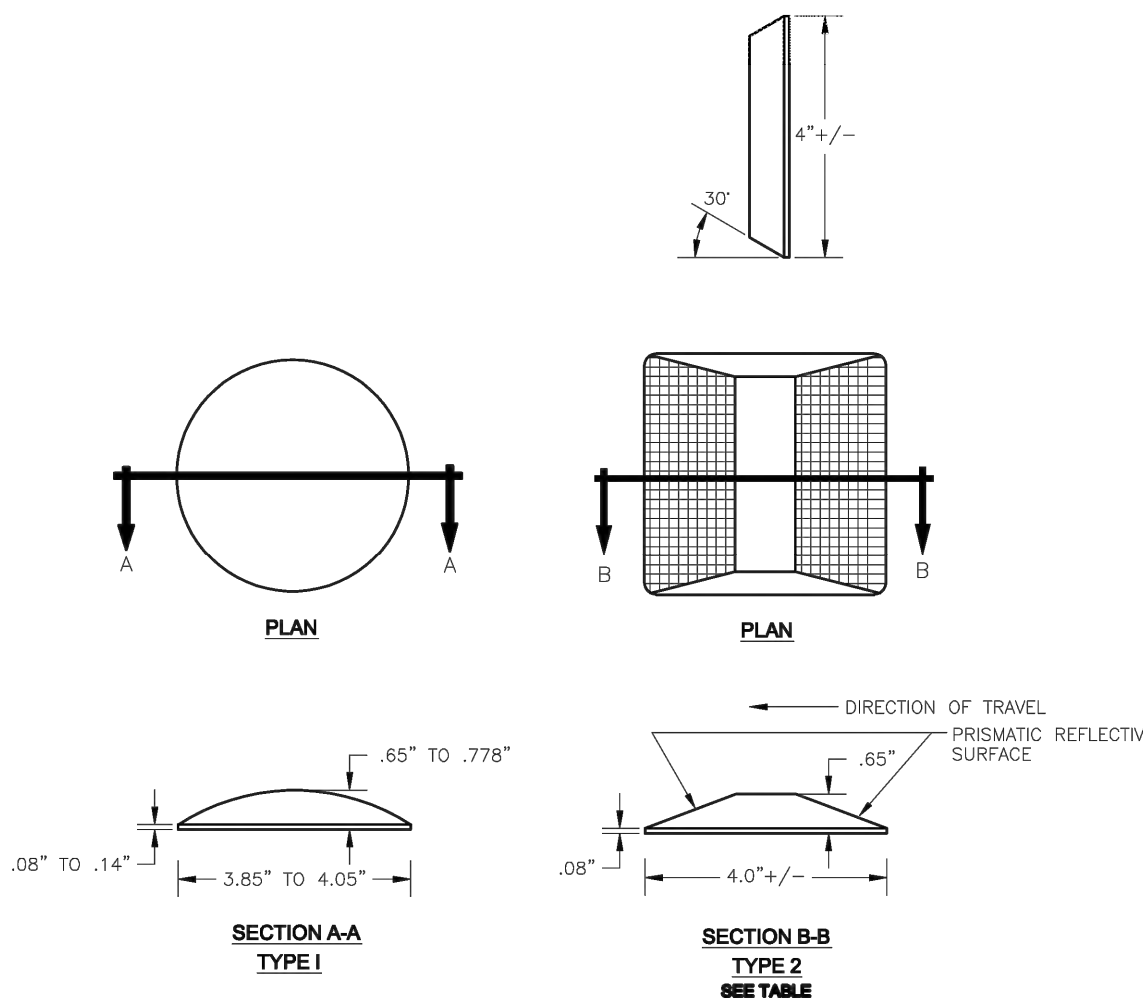


City of Bremerton  
PUBLIC WORKS  
COMMUNITY DEVELOPMENT



RAISED PAVEMENT MARKERS  
TYPE I AND II

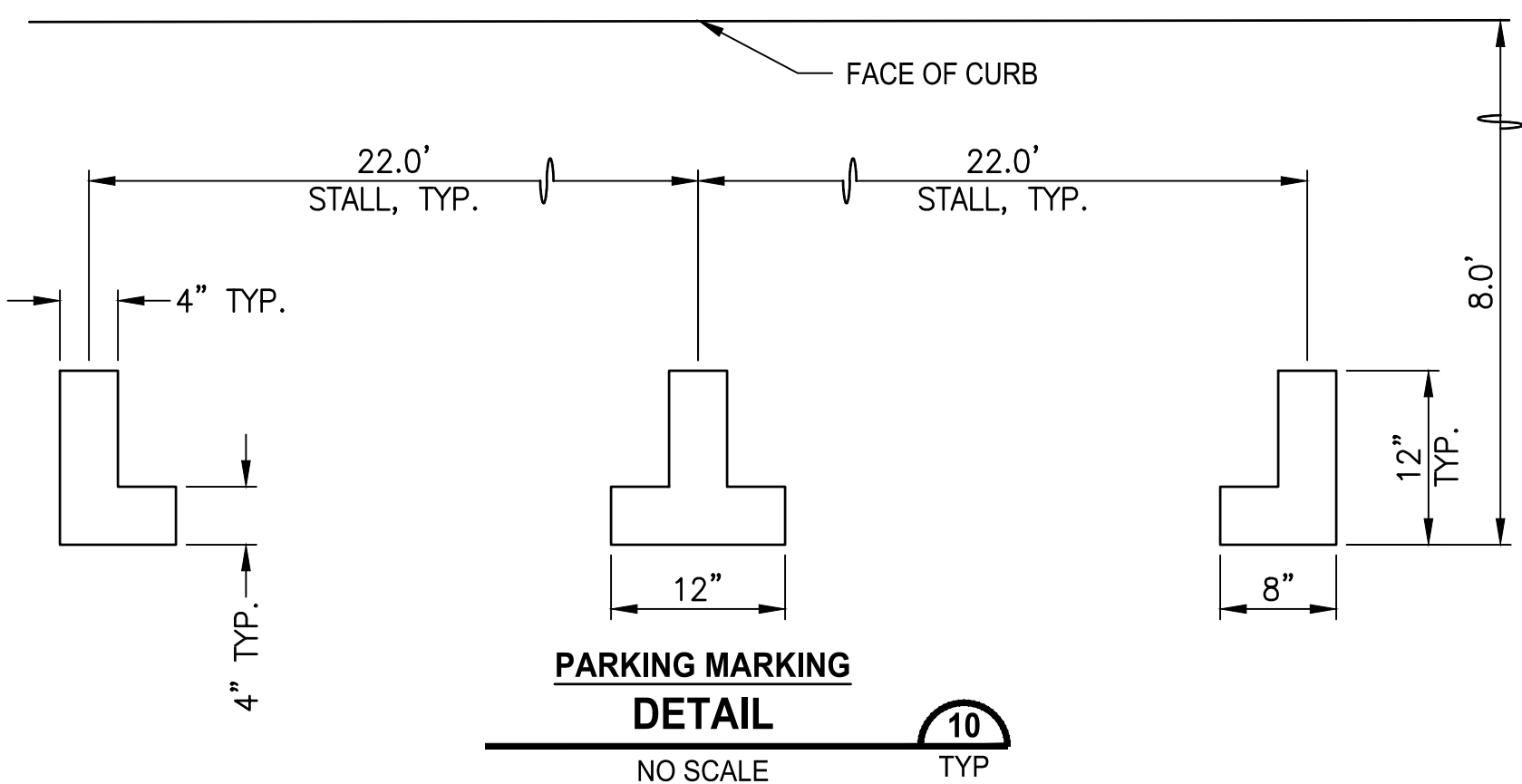
3263  
Revision Date  
10-12-12



TYPE 2 PRISMATIC REFLECTIVE FACE COLORS	
TYPE 2WR	WHITE AND RED
TYPE 2YR	YELLOW AND RED
TYPE 2YY	YELLOW AND YELLOW
TYPE 2W	WHITE ONE SIDE ONLY
TYPE 2Y	YELLOW ONE SIDE ONLY

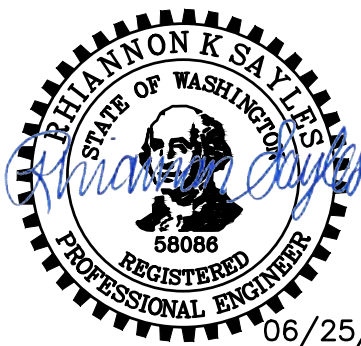
GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, LATEST EDITION, AND/OR CITY OF BREMERTON STANDARDS (WHICHEVER STANDARD GOVERNS).
2. THE CONTRACTOR SHALL MEET THE CONDITIONS OF ALL PROJECT PERMITS AND LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.
3. PROTECTION OF THE ENVIRONMENT: NO CONSTRUCTION RELATED ACTIVITY SHALL CONTRIBUTE TO THE DEGRADATION OF THE ENVIRONMENT, ALLOW MATERIAL TO ENTER SURFACE OR GROUND WATERS, OR ALLOW PARTICULATE EMISSIONS TO THE ATMOSPHERE WHICH EXCEED STATE OR FEDERAL STANDARDS. ANY ACTIONS THAT POTENTIALLY ALLOW A DISCHARGE TO STATE WATERS MUST HAVE PRIOR APPROVAL OF THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.
4. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253A&B. LOCATE PER ENGINEER.
5. THE CONTRACTOR MAY TEMPORARILY RESTRICT PARKING FOR CONSTRUCTION ACTIVITY, SEE SPEC SECTION 1-07.

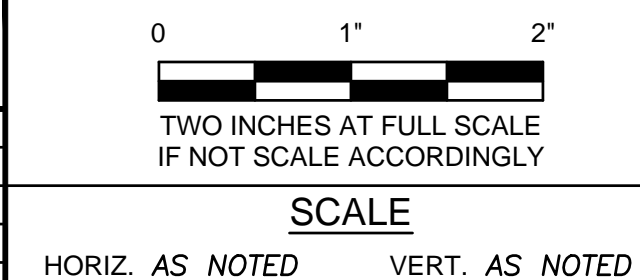


PARKING MARKING  
DETAIL

NO SCALE TYP



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK

DRAWING NO.



CITY OF BREMERTON  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

Parametrix

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086 DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814 DATE: 6/25/2021

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

GENERAL NOTES, LEGEND, AND DETAILS

BID SET

DWG NO.  
G2  
SHEET  
2  
OF  
23

PN: 233-1896-163



LAYOUT: 3 PATH: U:\PSD\Projects\Bremerton\1896-163 BikePedCircImprov\98086-CADD\DWG\PS231896163.dwg PLOTTED BY: Johnson DATE: June 25, 2021 08:58:28



R7-9  
DETAIL

NO SCALE TYP



R7-23a  
DETAIL

NO SCALE TYP



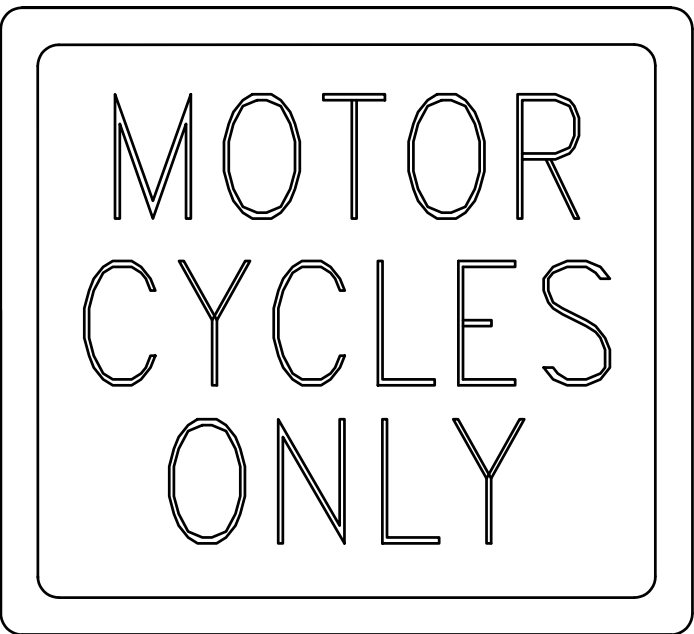
R7-1  
DETAIL

NO SCALE TYP



R7-8  
DETAIL

NO SCALE TYP



WSDOT R5-1201  
DETAIL

NO SCALE TYP



4 HOUR MAXIMUM  
DETAIL

NO SCALE TYP



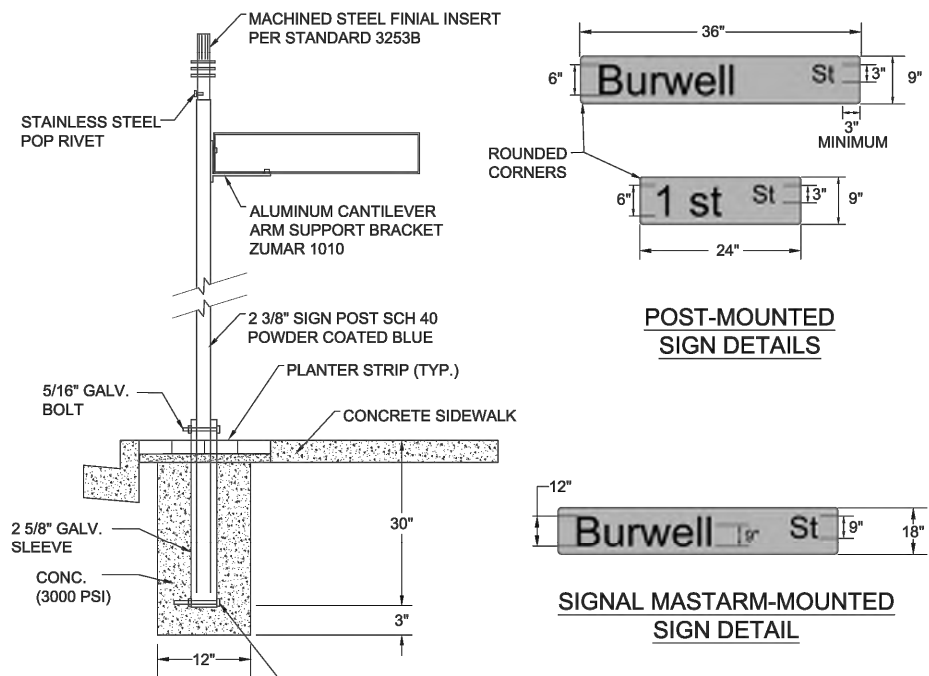
R8-3gP  
DETAIL

NO SCALE TYP



R1-2 & R1-2ap  
DETAIL

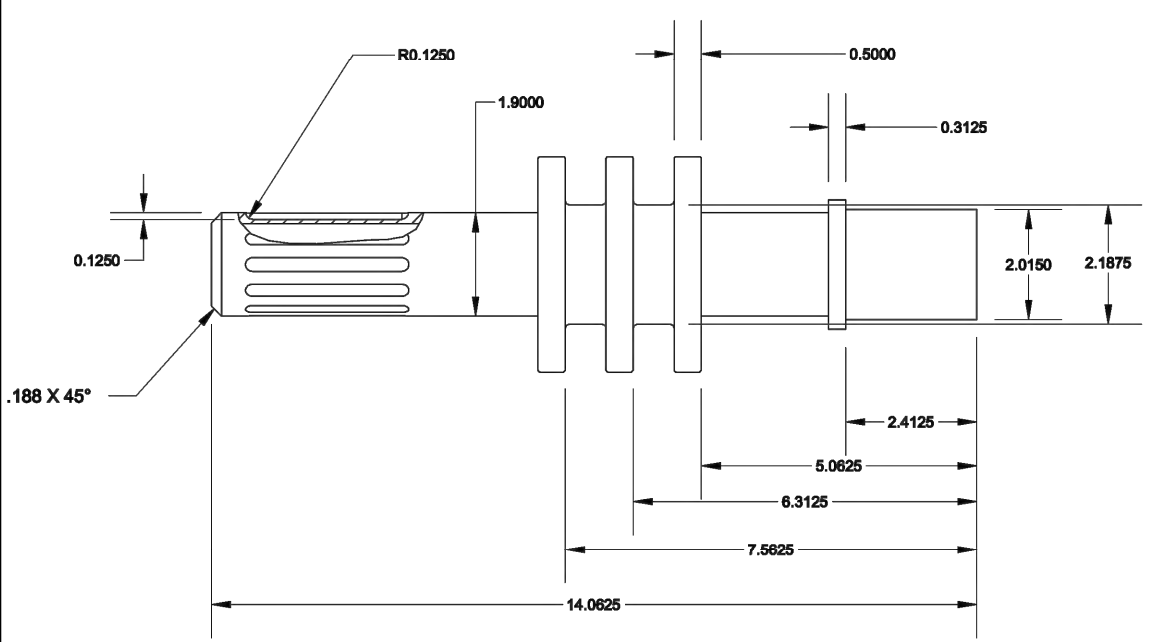
NO SCALE TYP



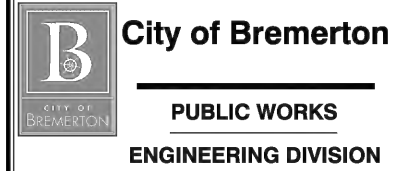
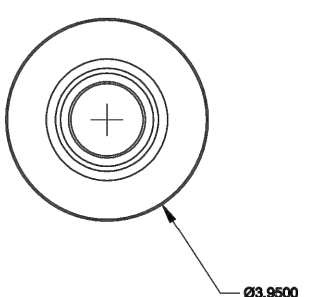
- NOTES:
- SIGN SHEET ALUMINUM, TREATED, 5.000 GAUGE, SIZES AS NOTED WITH ROUNDED CORNERS
  - BACKGROUND BLUE BACKGROUND SHALL BE RETROREFLECTIVE & MEET THE REQUIREMENTS OF WSDOT STANDARD SPECIFICATIONS SECTION 9-28.12 AND NO BORDERS
  - LETTERS: FONT/FUTURA CONDENSED WHITE LETTERS SHALL BE 3/4" MIN. RETROREFLECTIVE & MEET THE REQUIREMENTS OF WSDOT STANDARD SPECIFICATIONS SECTION 9-28.13
  - POST: 2.38" OD, SCHEDULE 40 STEEL, POWDER COATED BLUE, RAL 5011
  - MOUNTING HARDWARE: SHALL BE EXTRUDED ALUMINUM CLAMP-ON BRACKETS SUCH AS JUMBO SZ 285 OR EQUAL
  - ANY CHANGES MUST BE APPROVED BY THE CITY ENGINEER
  - SEE THE DOWNTOWN REGIONAL CENTER SUB AREA PLAN FOR MAP OF C.B.D. AREA

ABBREVIATIONS:

STREET=	St
AVENUE=	Ave
PLACE=	Pl
WAY=	Way
BOULEVARD=	Bvd
PARKWAY=	Pkwy
LANE=	Ln
COURT=	Ct
DRIVE=	Dr
ROAD=	Rd
KEY=	Key
CONNECTOR=	Conn
CIRCLE=	Cr

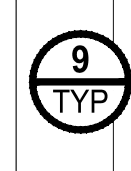


NOTE: DOWNTOWN SIGNPOST FINIAL SHALL BE TYPE 408 STEEL PER DWG 3253B. POWDER COATED WITH CORROSION RESISTANT UNDERCOAT, SILVERALLO COLOR COAT AND CLEAR TOPCOAT.



City of Bremerton

PUBLIC WORKS  
ENGINEERING DIVISION

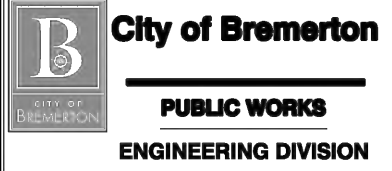


DOWNTOWN  
TRAFFIC/STREET NAME  
SIGN POST MOUNT

Alteration of this drawing is prohibited. Any approval of an altered drawing is unauthorized and void.

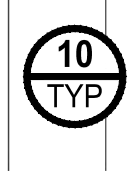
3253A

Revision Date  
3/09/16



City of Bremerton

PUBLIC WORKS  
ENGINEERING DIVISION

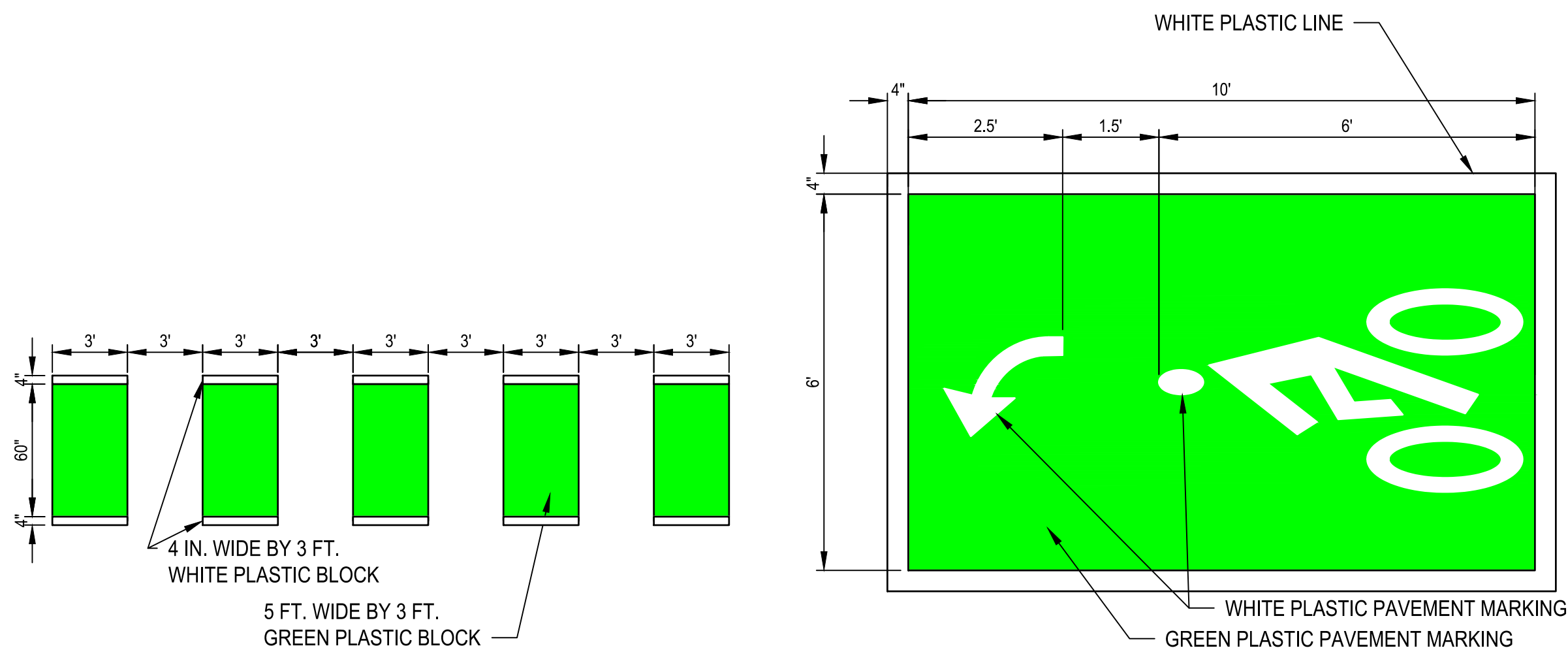


DOWNTOWN  
SIGNPOST FINIAL

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3253B

Revision Date  
8/15/08

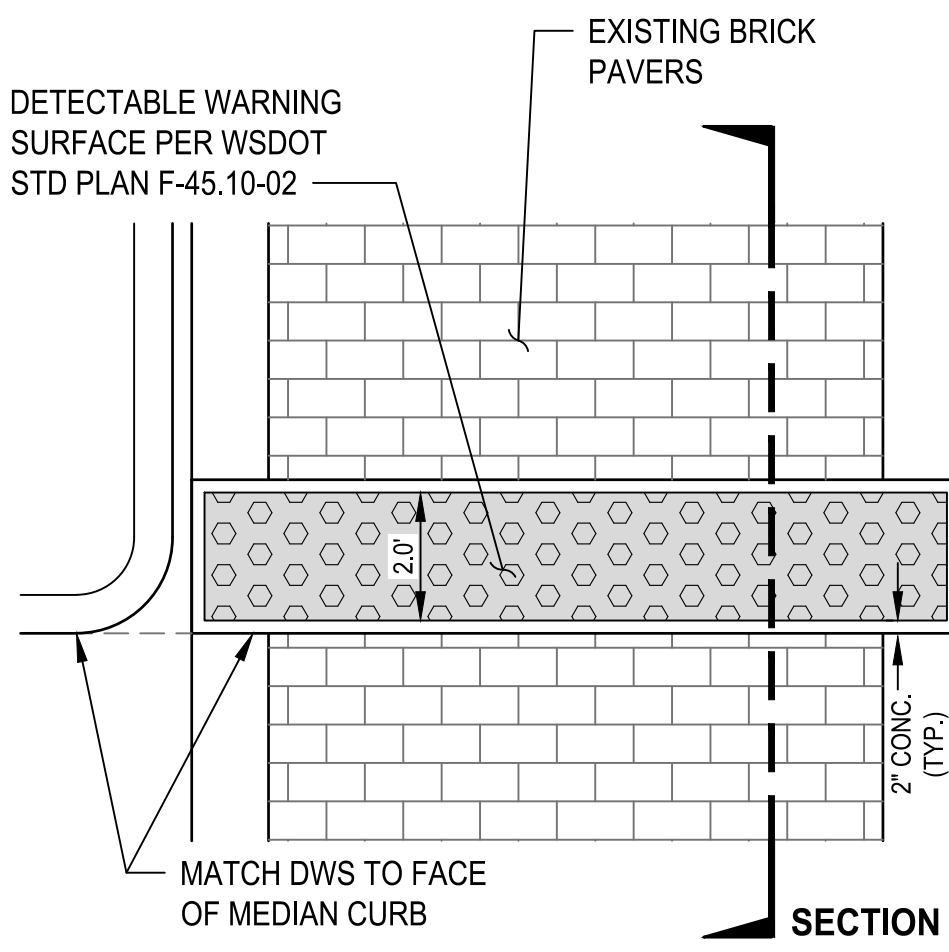


GREEN LADDER STRIPING  
DETAIL

NO SCALE TYP

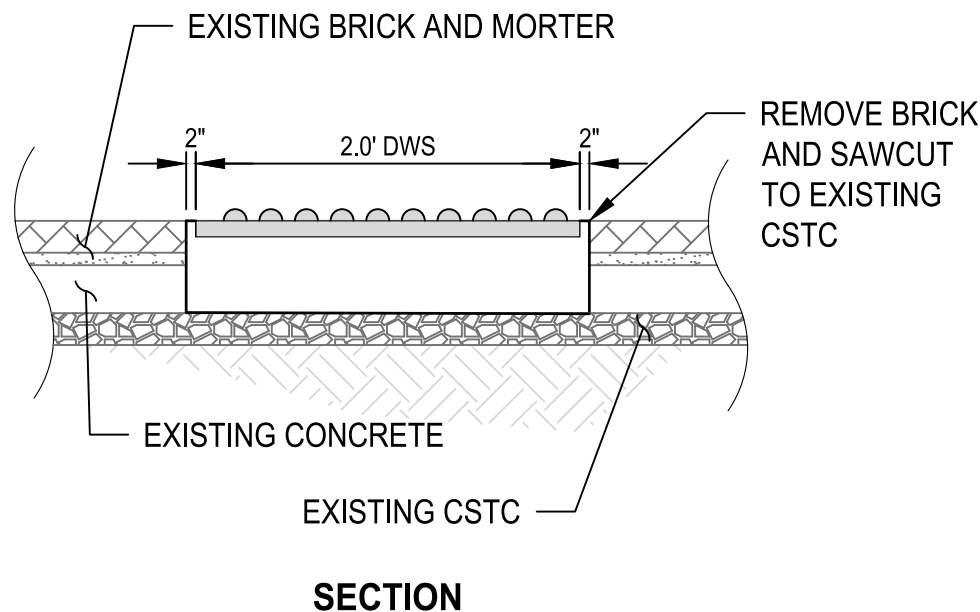
GREEN PLASTIC LEFT TURN BOX  
DETAIL

NO SCALE TYP



BRICK PAVEMENT RESTORATION  
DETAIL

NO SCALE TYP



SECTION

SIGN W11-2 36" X 36". SIGN POLE  
PLACEMENT PER CITY OF  
BREMERTON STANDARD DETAIL 3251

SIGN W16-7PL OR W16-7PR  
30" X 18". SEE PLANS.

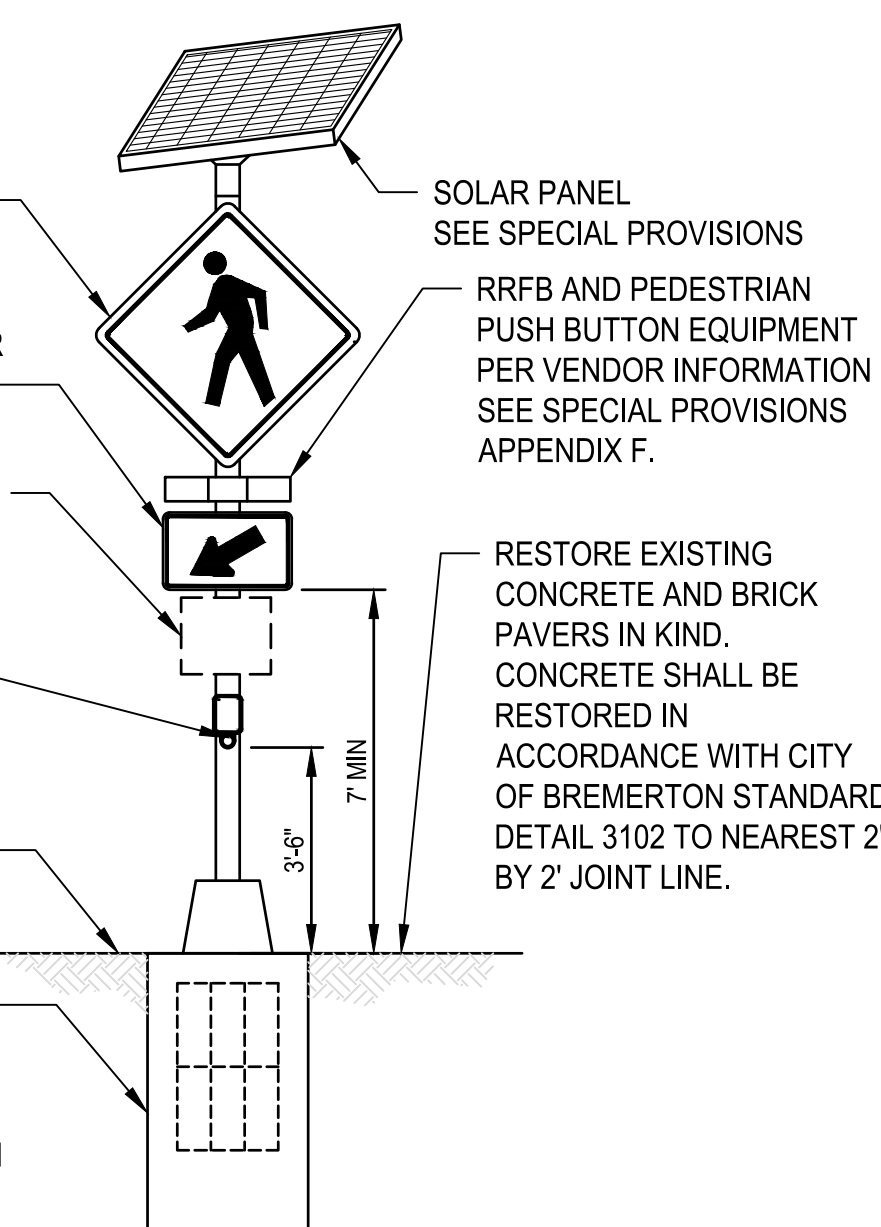
CONTROL CABINET  
SEE SPECIAL PROVISIONS.

PEDESTRIAN PUSH BUTTON  
ASSEMBLY. SEE SPECIAL  
PROVISIONS SEE PLANS FOR  
BUTTON ORIENTATION.

CONTRACTOR SHALL INSTALL  
ROUND CONCRETE FOUNDATION  
PER WSDOT STD. PLAN J-21.10-04  
UNLESS OTHERWISE NOTED ON  
THE PLANS. VERIFY BOLT PATTERN  
WITH FLASHING BEACON  
MANUFACTURER PRIOR TO  
INSTALLING FOUNDATION. POLES  
AND ANCHOR BOLTS ARE TO BE  
PURCHASED AND INSTALLED BY  
THE CONTRACTOR.

SOLAR RRFB  
ASSEMBLY WITH SIGNAGE  
DETAIL

NO SCALE TYP



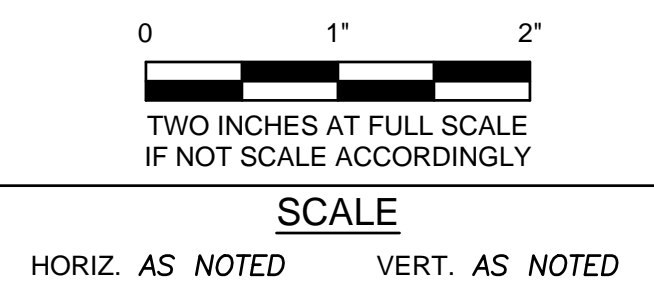
SOLAR PANEL  
SEE SPECIAL PROVISIONS

RRFB AND PEDESTRIAN  
PUSH BUTTON EQUIPMENT  
PER VENDOR INFORMATION  
SEE SPECIAL PROVISIONS  
APPENDIX F.

RESTORE EXISTING  
CONCRETE AND BRICK  
PAVERS IN KIND.  
CONCRETE SHALL BE  
RESTORED IN  
ACCORDANCE WITH CITY  
OF BREMERSTON STANDARD  
DETAIL 3102 TO NEAREST 2'  
BY 2' JOINT LINE.



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK

DRAWING NO.

CITY OF BREMERSTON  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

Parametrix

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086 DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814 DATE: 6/25/2021

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

DETAILS

BID SET

DWG NO.	G3
SHEET	3
OF	23





R3-17  
DETAIL  
NO SCALE

1  
TYP



R3-17bP  
DETAIL  
NO SCALE

2  
TYP



R7-1  
DETAIL  
NO SCALE

3  
TYP



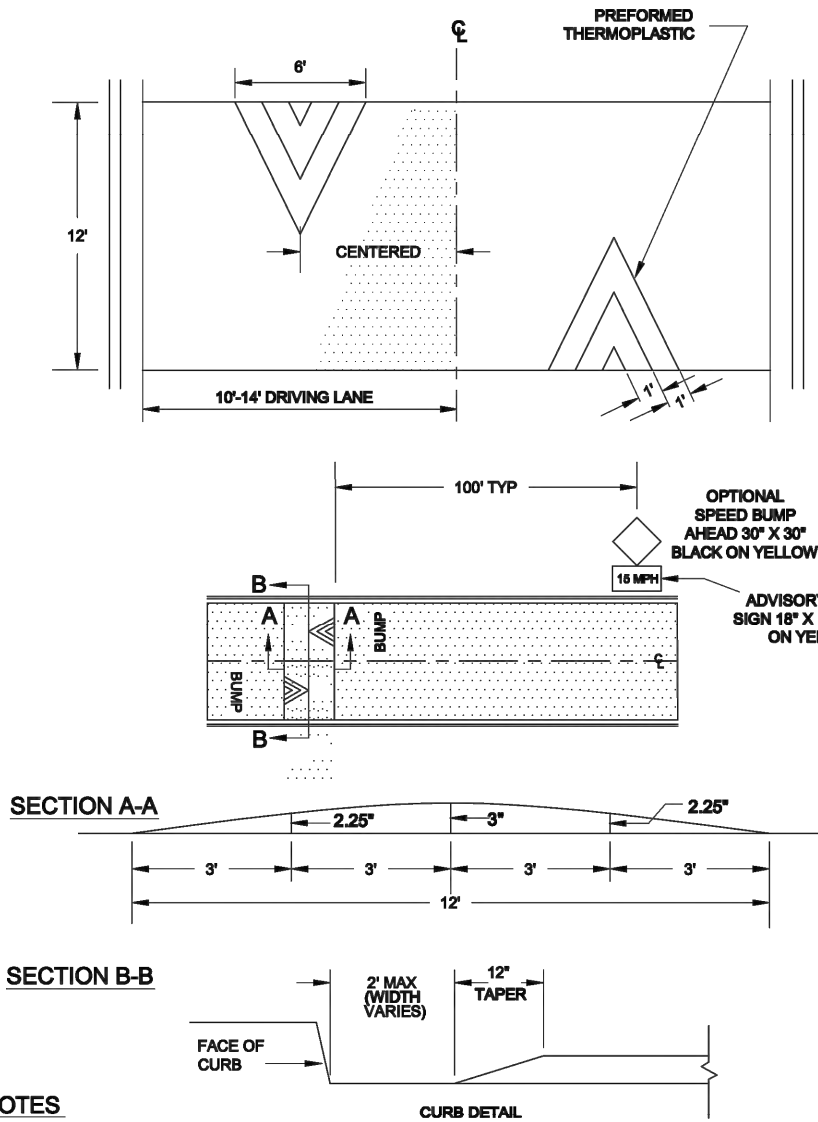
R7-5  
DETAIL  
NO SCALE

4  
TYP



R7-6  
DETAIL  
NO SCALE

8  
TYP



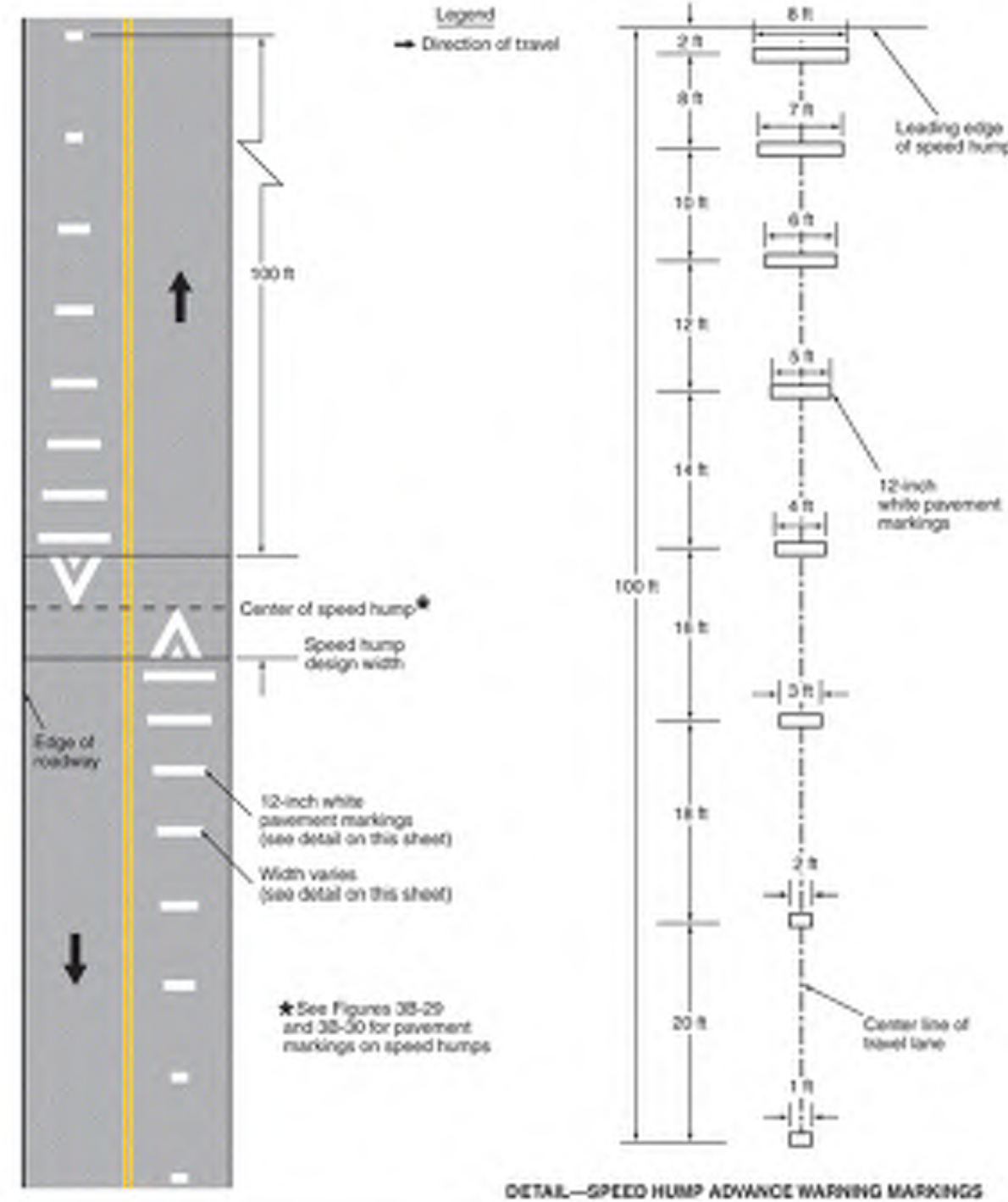
- NOTES
1. SIGN AND LEGEND LOCATION SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
  2. LEGEND AND V MARKINGS TO BE THERMOPLASTIC.

	City of Bremerton	5 TYP	SPEED HUMP: DESIGN, PAVEMENT MARKING, AND SIGNAGE	3211
	PUBLIC WORKS			
	ENGINEERING DIVISION			

Attention: This drawing is prohibited. Any approval of an altered drawing is unauthorized and void.

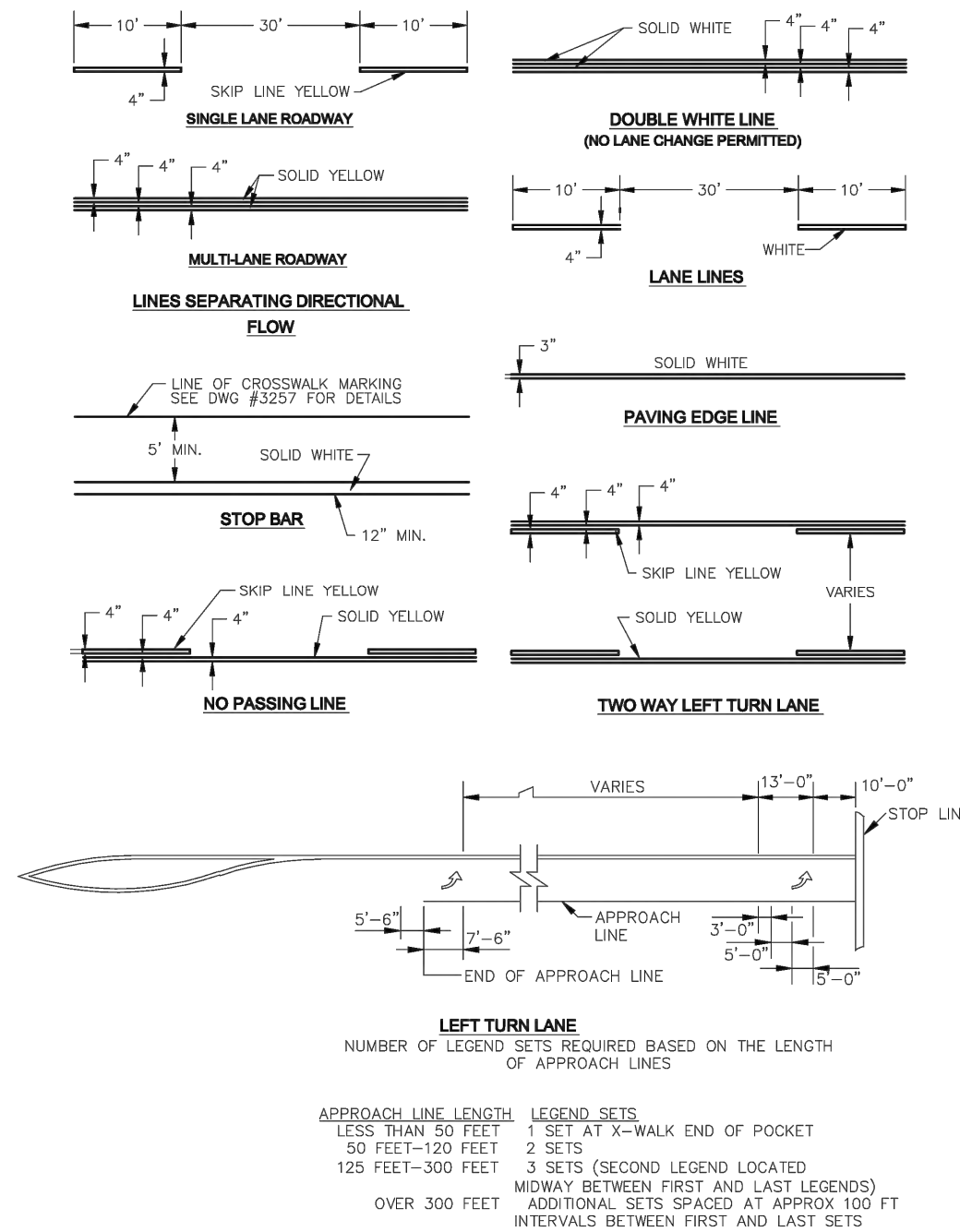
Revision Date: 10/12/12

Figure 3B-31. Advance Warning Markings for Speed Humps



ADVANCE WARNING MARKINGS FOR SPEED HUMPS  
DETAIL  
NO SCALE

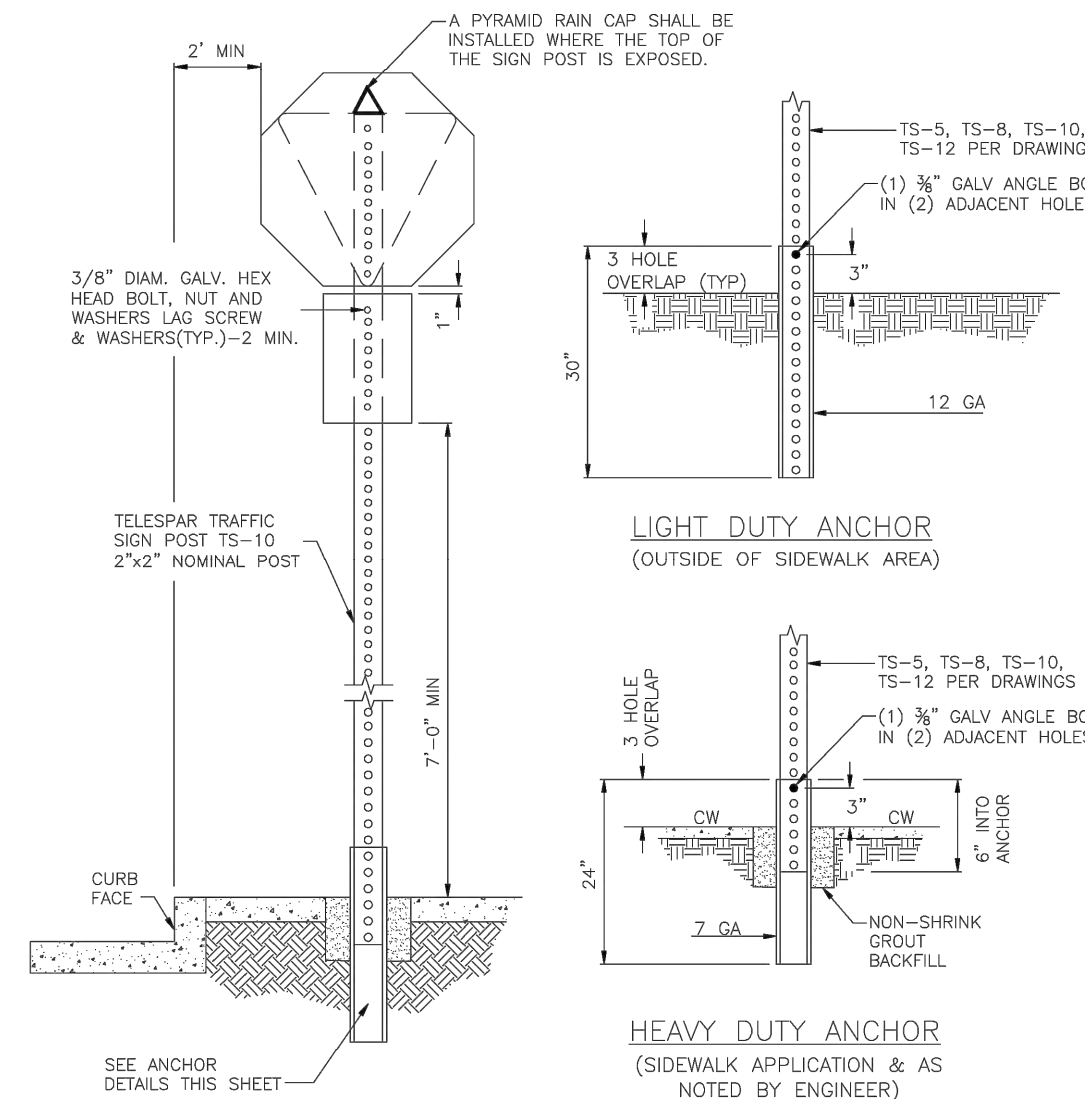
9  
TYP



	City of Bremerton	6 TYP	STANDARD PAVEMENT MARKINGS	3265
	PUBLIC WORKS			
	COMMUNITY DEVELOPMENT			

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Revision Date: 10/12/12

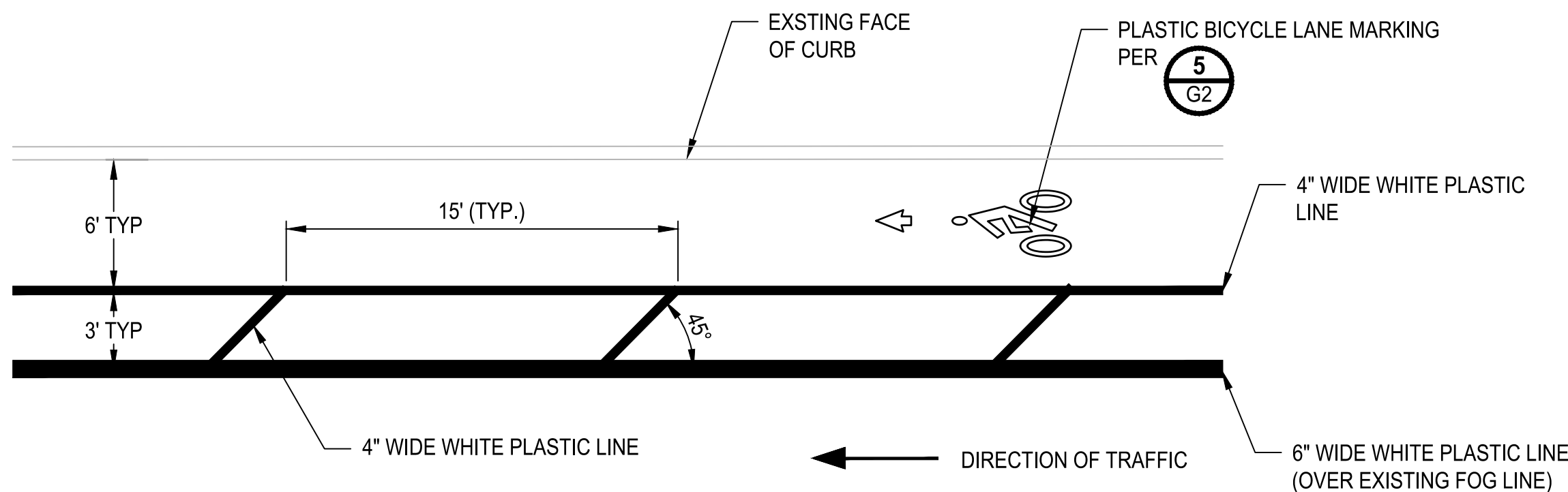


POST ANCHOR INSTALLATIONS

	City of Bremerton	7 TYP	TYPICAL SIGN INSTALLATION	3251
	PUBLIC WORKS			
	ENGINEERING DIVISION			

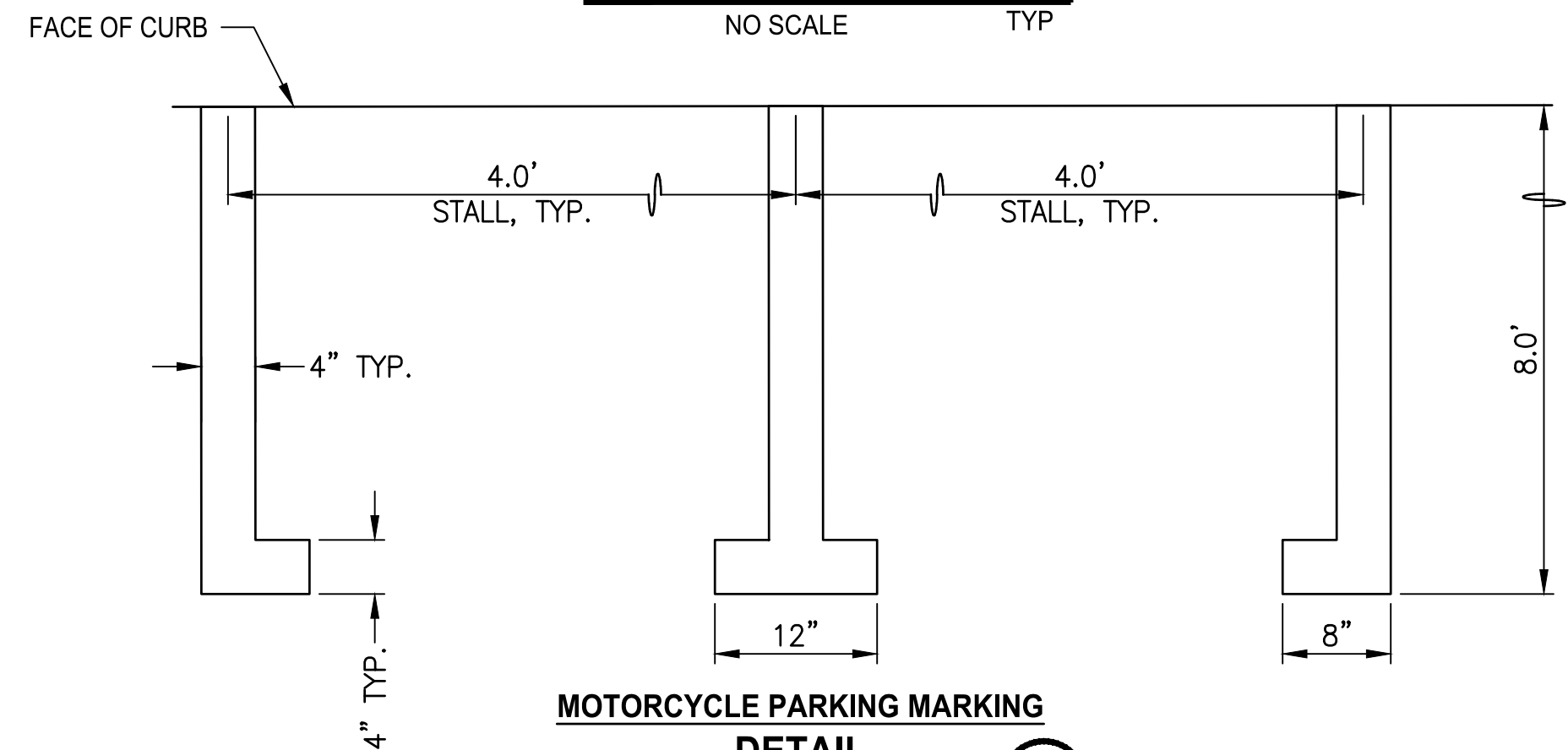
Attention: This drawing is prohibited. Any approval of an altered drawing is unauthorized and void.

Revision Date: 10/12/12



BIKE LANE BUFFER  
DETAIL  
NO SCALE

10  
TYP



MOTORCYCLE PARKING MARKING  
DETAIL  
NO SCALE

11  
TYP



REVISIONS			
NO	DESCRIPTION	DATE	BY

0	1"	2"
TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY		
SCALE		
HORIZ. AS NOTED	VERT. AS NOTED	

FIELD BOOK
DRAWING NO.



CITY OF BREMEROTON  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

Parametrix

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086 DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814 DATE: 6/25/2021

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

DETAILS

BID SET

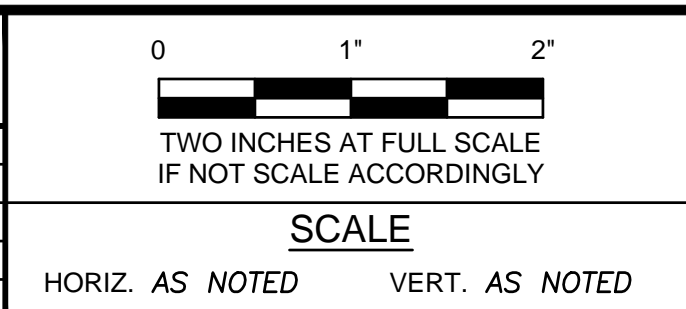
PN: 233-1896-163	DWG NO.
	G4
	SHEET
	4
	OF
	23




LAYOUT: G5 PLOT: U:\PSO\Projects\Clients\1896-CityOfBremerton\233-1896-178 Austin Drive Bike Lane\995ves\CADD\DWG\PS2331896163\_AWNT3.G PLOTTED BY: johnsb DATE: June 25, 2021 08:42:03




REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK	
DRAWING NO.	



**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION



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DATE: 6/25/2021

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WASH.P.E.# 58086 DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814 DATE: 6/25/2021

**BID SET**

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

SHEET LAYOUT

DWG NO. **G5**

SHEET 5 OF 23

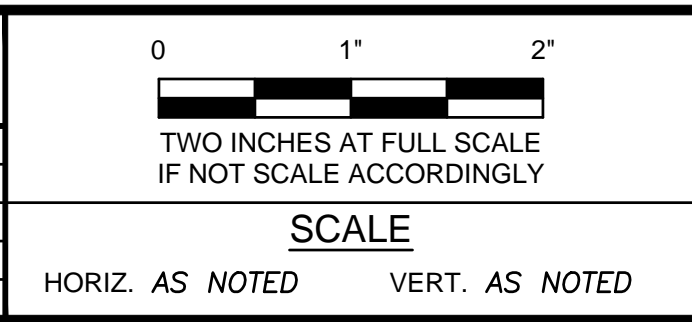
PN: 233-1896-163



LAYOUT: 1 PATH: U:\PSO\Projects\Clients\1896-CityOfBremerton\233-1896-163 BikePedCircImprov\989s\cs\CADD\DWG\PS2331896163CH1 PLOTTED BY: Johnson DATE: June 25, 2021 08:51:07



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK
DRAWING NO.



CITY OF BREMERTON DEPARTMENT OF PUBLIC WORKS & UTILITIES ENGINEERING DIVISION			
DRAWN BY: J. JOHNSON DATE: 6/25/2021		DESIGN BY: R. SAYLES WASH.P.E.# 58086 DATE: 6/25/2021	
CHECKED BY: D. DINKUHN WASH.P.E.# 35814 DATE: 6/25/2021		Parametrix	

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS		DWG NO.
CHANNELIZATION PACIFIC AVENUE/BURWELL STREET		CH1
PN: 233-1896-163		SHEET
		6
		OF
		23



**SIGN/SYMBOL LEGEND**

- 1 NO TURN ON RED (MUTCD R10-11) 1 G2
- 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL) 2 G2
- 3 ARROW PAVEMENT MARKING 7 G2
- 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap) 8 G3
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11) 3 G2
- 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7) 4 G2
- 7 PLASTIC BICYCLE LANE MARKINGS 5 G2
- 8 PLASTIC SHARED LANE MARKING 6 G2
- 9 GREEN PLASTIC LEFT TURN BOX 12 G3
- 10 NO PARKING BIKE LANE (MUTCD R7-9) 1 G3
- 11 1 HOUR PARKING (MUTCD R7-23a) 2 G3
- 12 NO PARKING ANY TIME (MUTCD R7-1) 3 G3
- 13 GREEN PLASTIC BIKE BOX
- 14 ADA PARKING ONLY (MUTCD R7-8) 4 G3
- 15 MOTORCYCLES ONLY (WSDOT R5-1201) 5 G3
- 16 4 HOUR MAXIMUM 6 G3
- 17 LOADING ZONE (MUTCD R8-3gP) 7 G3

**STRIPING LEGEND**

- 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE 8 G2
- 2 RAISED PAVEMENT MARKER WHITE SKIP LINE 8 G2
- 3 6 IN. WHITE PLASTIC LINE
- 4 6 IN. WHITE PLASTIC DASHED LINE
- 5 GREEN LADDER STRIPING PER DETAIL 11 G3
- 6 NOT USED
- 7 12" WHITE PLASTIC STOP BAR
- 8 PLASTIC MOTORCYCLE PARKING MARKING 11 G4
- 9 PLASTIC PARKING MARKING 10 G2
- 10 6 IN. YELLOW PLASTIC LINE
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 12 RED PAINTED CURB

**CONSTRUCTION NOTES**

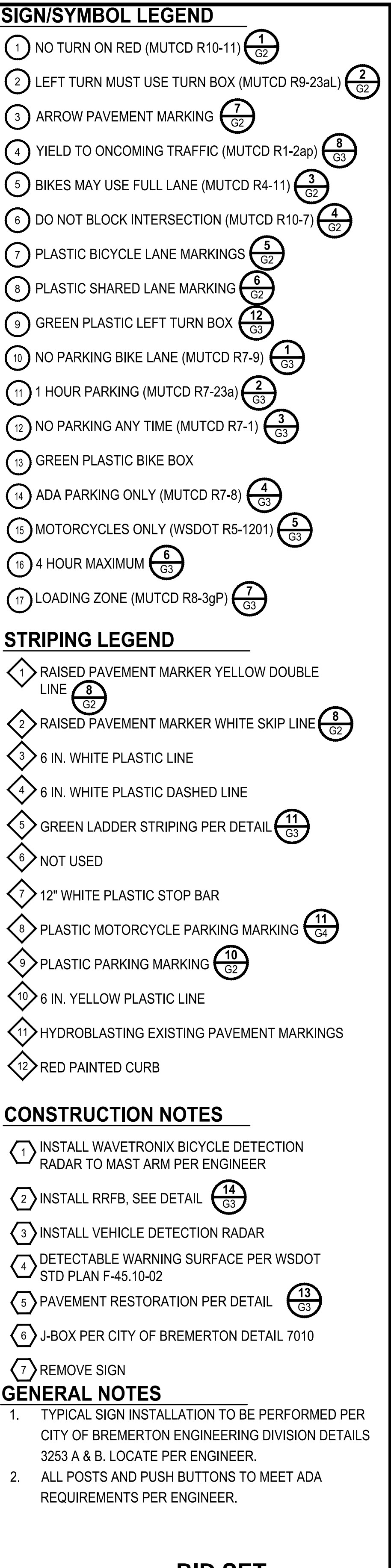
- 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
- 2 INSTALL RRFB, SEE DETAIL 14 G3
- 3 INSTALL VEHICLE DETECTION RADAR
- 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- 5 PAVEMENT RESTORATION PER DETAIL 13 G3
- 6 J-BOX PER CITY OF BREMERTON DETAIL 7010
- 7 REMOVE SIGN

**GENERAL NOTES**

- 1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
- 2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.

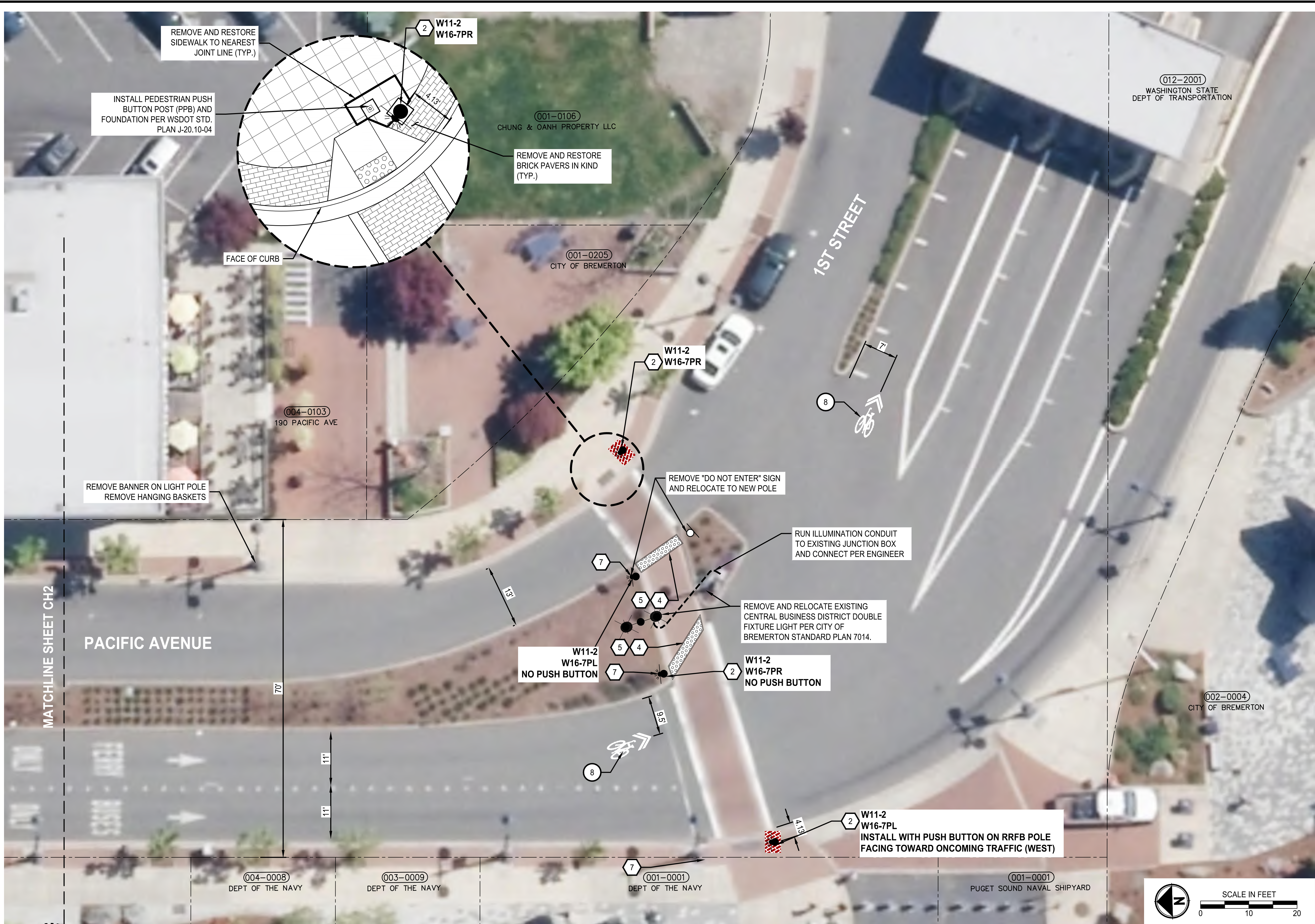
BID SET







LAYOUT: 3 PATH: U:\PSD\Projects\Clients\1896-CityOfBremerton\233-1896-163 BikePedCircImprov\98086-CADD\DWG\PS2331896163CH PLOTTED BY: Johnson DATE: June 25, 2021 08:51:20



#### SIGN/SYMBOL LEGEND

- 1 NO TURN ON RED (MUTCD R10-11)
- 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL)
- 3 ARROW PAVEMENT MARKING
- 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap)
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
- 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7)
- 7 PLASTIC BICYCLE LANE MARKINGS
- 8 PLASTIC SHARED LANE MARKING
- 9 GREEN PLASTIC LEFT TURN BOX
- 10 NO PARKING BIKE LANE (MUTCD R7-9)
- 11 1 HOUR PARKING (MUTCD R7-23a)
- 12 NO PARKING ANY TIME (MUTCD R7-1)
- 13 GREEN PLASTIC BIKE BOX
- 14 ADA PARKING ONLY (MUTCD R7-8)
- 15 MOTORCYCLES ONLY (WSDOT R5-1201)
- 16 4 HOUR MAXIMUM
- 17 LOADING ZONE (MUTCD R8-3gP)

#### STRIPING LEGEND

- 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE
- 2 RAISED PAVEMENT MARKER WHITE SKIP LINE
- 3 6 IN. WHITE PLASTIC LINE
- 4 6 IN. WHITE PLASTIC DASHED LINE
- 5 GREEN LADDER STRIPING PER DETAIL
- 6 NOT USED
- 7 12" WHITE PLASTIC STOP BAR
- 8 PLASTIC MOTORCYCLE PARKING MARKING
- 9 PLASTIC PARKING MARKING
- 10 6 IN. YELLOW PLASTIC LINE
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 12 RED PAINTED CURB

#### CONSTRUCTION NOTES

- 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
- 2 INSTALL RRFB, SEE DETAIL
- 3 INSTALL VEHICLE DETECTION RADAR
- 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- 5 PAVEMENT RESTORATION PER DETAIL
- 6 J-BOX PER CITY OF BREMERTON DETAIL 7010
- 7 REMOVE SIGN

#### GENERAL NOTES

1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.



<div>NO</div> <div>REVISIONS</div> <div>DESCRIPTION</div> <div>DATE</div> <div>BY</div>				<div>01"2"</div> <div>TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY</div> <div>SCALE</div> <div>HORIZ. AS NOTED</div> <div>VERT. AS NOTED</div>		<div>FIELD BOOK</div> <div><div>B</div><div>CITY OF BREMERTON</div></div> <div>CITY OF BREMERTON</div> <div>DEPARTMENT OF PUBLIC WORKS &amp; UTILITIES</div> <div>ENGINEERING DIVISION</div> <div>Parametrix</div>		<div>DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS</div> <div>CHANNELIZATION</div> <div>PACIFIC AVENUE/FIRST STREET</div>				<div>PN: 233-1896-163</div>	<div>DWG NO.</div> <div>CH3</div> <div>SHEET</div> <div>8</div> <div>OF</div> <div>23</div>		
						<div>DRAWING NO.</div>		<div>DRAWN BY: J. JOHNSON</div> <div>DATE: 6/25/2021</div>		<div>DESIGN BY: R. SAYLES</div> <div>WASH.P.E.# 58086</div> <div>DATE: 6/25/2021</div>		<div>CHECKED BY: D. DINKUHN</div> <div>WASH.P.E.# 35814</div> <div>DATE: 6/25/2021</div>			



LAYOUT: 4    PATH: U:\PSD\Projects\Bremerton\1896-CityOfBremerton\233-1896-163 BikePedCircImprov\985\es\CAADD\DWG\PS2331896163CH    PLOTTED BY: Johnson    DATE: June 25, 2021 08:51:26



**SIGN/SYMBOL LEGEND**

- 1 NO TURN ON RED (MUTCD R10-11) 1 G2
- 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL) 2 G2
- 3 ARROW PAVEMENT MARKING 7 G2
- 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap) 8 G3
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11) 3 G2
- 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7) 4 G2
- 7 PLASTIC BICYCLE LANE MARKINGS 5 G2
- 8 PLASTIC SHARED LANE MARKING 6 G2
- 9 GREEN PLASTIC LEFT TURN BOX 12 G3
- 10 NO PARKING BIKE LANE (MUTCD R7-9) 1 G3
- 11 1 HOUR PARKING (MUTCD R7-23a) 2 G3
- 12 NO PARKING ANY TIME (MUTCD R7-1) 3 G3
- 13 GREEN PLASTIC BIKE BOX
- 14 ADA PARKING ONLY (MUTCD R7-8) 4 G3
- 15 MOTORCYCLES ONLY (WSDOT R5-1201) 5 G3
- 16 4 HOUR MAXIMUM 6 G3
- 17 LOADING ZONE (MUTCD R8-3gP) 7 G3

**STRIPING LEGEND**

- 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE 8 G2
- 2 RAISED PAVEMENT MARKER WHITE SKIP LINE 8 G2
- 3 6 IN. WHITE PLASTIC LINE
- 4 6 IN. WHITE PLASTIC DASHED LINE
- 5 GREEN LADDER STRIPING PER DETAIL 11 G3
- 6 NOT USED
- 7 12" WHITE PLASTIC STOP BAR
- 8 PLASTIC MOTORCYCLE PARKING MARKING 11 G4
- 9 PLASTIC PARKING MARKING 10 G2
- 10 6 IN. YELLOW PLASTIC LINE
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 12 RED PAINTED CURB

**CONSTRUCTION NOTES**

- 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
- 2 INSTALL RRFB, SEE DETAIL 14 G3
- 3 INSTALL VEHICLE DETECTION RADAR
- 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- 5 PAVEMENT RESTORATION PER DETAIL 13 G3
- 6 J-BOX PER CITY OF BREMERTON DETAIL 7010
- 7 REMOVE SIGN

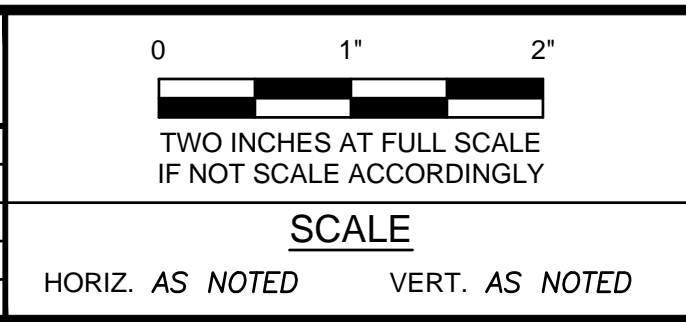
**GENERAL NOTES**

- TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
- ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.

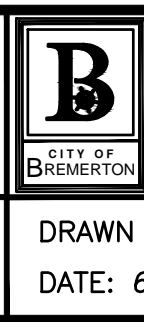
**BID SET**



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK
DRAWING NO.

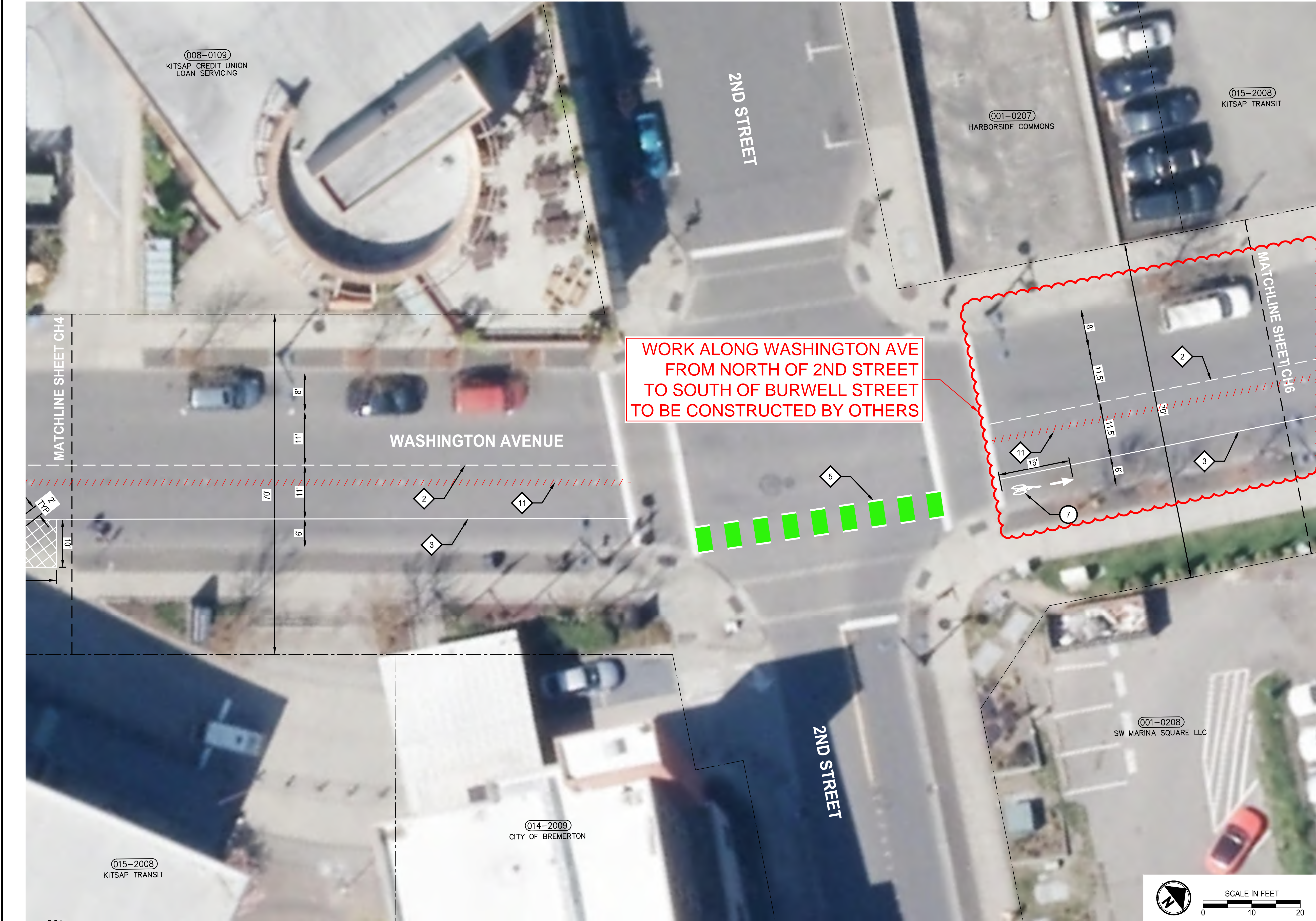


CITY OF BREMERTON DEPARTMENT OF PUBLIC WORKS & UTILITIES ENGINEERING DIVISION			
Drawn By: J. JOHNSON DATE: 6/25/2021	Design By: R. SAYLES WASH.P.E.# 58086 DATE: 6/25/2021	Checked By: D. DINKUHN WASH.P.E.# 35814 DATE: 6/25/2021	Parametrix

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS		DWG NO.
CHANNELIZATION FIRST STREET/WASHINGTON AVENUE		CH4
		SHEET 9 OF 23
		PN: 233-1896-163



LAYOUT: 5 PATH: U:\PSO\Projects\Clients\1896-CityOfBremerton\233-1896-163 BikePedCircImprov\989\cs\CAADD\DWG\PS2331896163CH PLOTTED BY: Johnson DATE: June 25, 2021 08:51:44



WORK ALONG WASHINGTON AVE  
FROM NORTH OF 2ND STREET  
TO SOUTH OF BURWELL STREET  
TO BE CONSTRUCTED BY OTHERS

#### SIGN/SYMBOL LEGEND

- 1 NO TURN ON RED (MUTCD R10-11) 1/62
- 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL) 2/62
- 3 ARROW PAVEMENT MARKING 7/62
- 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap) 8/63
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11) 3/62
- 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7) 4/62
- 7 PLASTIC BICYCLE LANE MARKINGS 5/62
- 8 PLASTIC SHARED LANE MARKING 6/62
- 9 GREEN PLASTIC LEFT TURN BOX 12/63
- 10 NO PARKING BIKE LANE (MUTCD R7-9) 1/63
- 11 1 HOUR PARKING (MUTCD R7-23a) 2/63
- 12 NO PARKING ANY TIME (MUTCD R7-1) 3/63
- 13 GREEN PLASTIC BIKE BOX
- 14 ADA PARKING ONLY (MUTCD R7-8) 4/63
- 15 MOTORCYCLES ONLY (WSDOT R5-1201) 5/63
- 16 4 HOUR MAXIMUM 6/63
- 17 LOADING ZONE (MUTCD R8-3gP) 7/63

#### STRIPING LEGEND

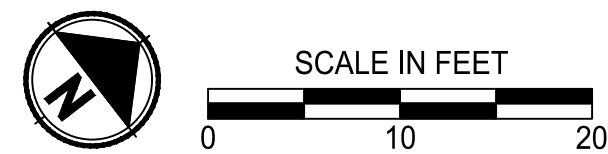
- 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE 8/62
- 2 RAISED PAVEMENT MARKER WHITE SKIP LINE 8/62
- 3 6 IN. WHITE PLASTIC LINE
- 4 6 IN. WHITE PLASTIC DASHED LINE
- 5 GREEN LADDER STRIPING PER DETAIL 11/63
- 6 NOT USED
- 7 12" WHITE PLASTIC STOP BAR
- 8 PLASTIC MOTORCYCLE PARKING MARKING 11/64
- 9 PLASTIC PARKING MARKING 10/62
- 10 6 IN. YELLOW PLASTIC LINE
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 12 RED PAINTED CURB

#### CONSTRUCTION NOTES

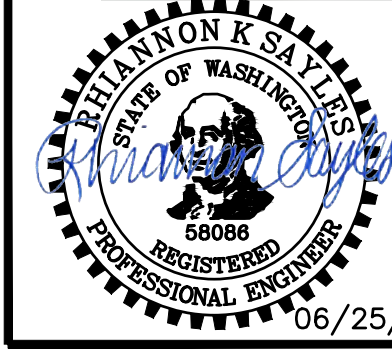
- 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
- 2 INSTALL RRFB, SEE DETAIL 14/63
- 3 INSTALL VEHICLE DETECTION RADAR
- 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- 5 PAVEMENT RESTORATION PER DETAIL 13/63
- 6 J-BOX PER CITY OF BREMERTON DETAIL 7010
- 7 REMOVE SIGN

#### GENERAL NOTES

- 1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
- 2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.



#### BID SET



REVISIONS			
NO	DESCRIPTION	DATE	BY

0 1" 2"
TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY
SCALE
HORIZ. AS NOTED VERT. AS NOTED

FIELD BOOK	DRAWING NO.

CITY OF BREMERTON DEPARTMENT OF PUBLIC WORKS & UTILITIES ENGINEERING DIVISION			
Parametrix			
DRAWN BY: J. JOHNSON DATE: 6/25/2021	DESIGN BY: R. SAYLES WASH.P.E.# 58086 DATE: 6/25/2021	CHECKED BY: D. DINKUHN WASH.P.E.# 35814 DATE: 6/25/2021	

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS		DWG NO.
CHANNELIZATION WASHINGTON AVENUE/SECOND STREET		CH5
		SHEET
		10
		OF
		23
PN: 233-1896-163		







LAYOUT: 7 PATH: U:\PSD\Projects\Clients\1896-CityOfBremerton\233-1896-163 BikePedCircImprov\985\es\CAUD\DWG\PS2331896163CH PLOTTED BY: Johnson DATE: June 25, 2021 08:52:12



SIGN/SYMBOL LEGEND

- 1 NO TURN ON RED (MUTCD R10-11)
- 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL)
- 3 ARROW PAVEMENT MARKING
- 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap)
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
- 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7)
- 7 PLASTIC BICYCLE LANE MARKINGS
- 8 PLASTIC SHARED LANE MARKING
- 9 GREEN PLASTIC LEFT TURN BOX
- 10 NO PARKING BIKE LANE (MUTCD R7-9)
- 11 1 HOUR PARKING (MUTCD R7-23a)
- 12 NO PARKING ANY TIME (MUTCD R7-1)
- 13 GREEN PLASTIC BIKE BOX
- 14 ADA PARKING ONLY (MUTCD R7-8)
- 15 MOTORCYCLES ONLY (WSDOT R5-1201)
- 16 4 HOUR MAXIMUM
- 17 LOADING ZONE (MUTCD R8-3gP)

STRIPING LEGEND

- 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE
- 2 RAISED PAVEMENT MARKER WHITE SKIP LINE
- 3 6 IN. WHITE PLASTIC LINE
- 4 6 IN. WHITE PLASTIC DASHED LINE
- 5 GREEN LADDER STRIPING PER DETAIL
- 6 NOT USED
- 7 12" WHITE PLASTIC STOP BAR
- 8 PLASTIC MOTORCYCLE PARKING MARKING
- 9 PLASTIC PARKING MARKING
- 10 6 IN. YELLOW PLASTIC LINE
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 12 RED PAINTED CURB

CONSTRUCTION NOTES

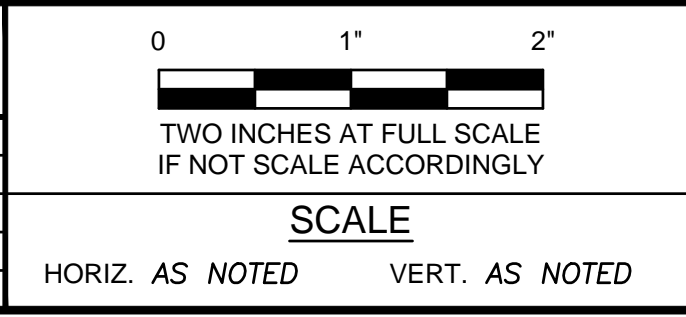
- 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
- 2 INSTALL RRFB, SEE DETAIL
- 3 INSTALL VEHICLE DETECTION RADAR
- 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- 5 PAVEMENT RESTORATION PER DETAIL
- 6 J-BOX PER CITY OF BREMERTON DETAIL 7010
- 7 REMOVE SIGN

GENERAL NOTES

- 1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
- 2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK

DRAWING NO.



**CITY OF BREMERTON**

DEPARTMENT OF PUBLIC WORKS & UTILITIES

ENGINEERING DIVISION

Parametrix

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086 DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814 DATE: 6/25/2021

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

**CHANNELIZATION**

**WASHINGTON AVENUE/FOURTH STREET**

BID SET

DWG NO.  
**CH7**

SHEET  
12  
OF  
23

PN: 233-1896-163



LAYOUT: 8    PATH: U:\PSD\Projects\Clients\1896-CityOfBremerton\233-1896-163 BikePedCircImprov\985\cs\CAAD\DWG\PS2331896163CH    PLOTTED BY: Johnson    DATE: June 25, 2021 08:52:24



#### SIGN/SYMBOL LEGEND

- 1 NO TURN ON RED (MUTCD R10-11)
- 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL)
- 3 ARROW PAVEMENT MARKING
- 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap)
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
- 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7)
- 7 PLASTIC BICYCLE LANE MARKINGS
- 8 PLASTIC SHARED LANE MARKING
- 9 GREEN PLASTIC LEFT TURN BOX
- 10 NO PARKING BIKE LANE (MUTCD R7-9)
- 11 1 HOUR PARKING (MUTCD R7-23a)
- 12 NO PARKING ANY TIME (MUTCD R7-1)
- 13 GREEN PLASTIC BIKE BOX
- 14 ADA PARKING ONLY (MUTCD R7-8)
- 15 MOTORCYCLES ONLY (WSDOT R5-1201)
- 16 4 HOUR MAXIMUM
- 17 LOADING ZONE (MUTCD R8-3gP)

#### STRIPING LEGEND

- 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE
- 2 RAISED PAVEMENT MARKER WHITE SKIP LINE
- 3 6 IN. WHITE PLASTIC LINE
- 4 6 IN. WHITE PLASTIC DASHED LINE
- 5 GREEN LADDER STRIPING PER DETAIL
- 6 NOT USED
- 7 12" WHITE PLASTIC STOP BAR
- 8 PLASTIC MOTORCYCLE PARKING MARKING
- 9 PLASTIC PARKING MARKING
- 10 6 IN. YELLOW PLASTIC LINE
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 12 RED PAINTED CURB

#### CONSTRUCTION NOTES

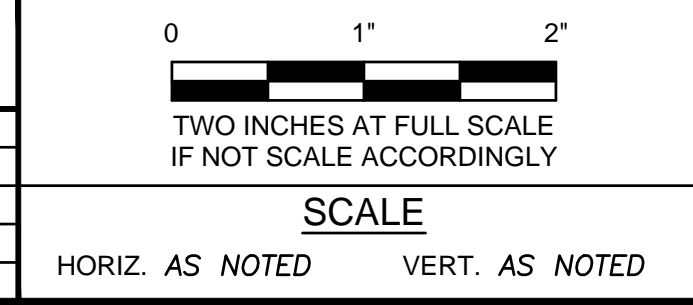
- 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
- 2 INSTALL RRFB, SEE DETAIL
- 3 INSTALL VEHICLE DETECTION RADAR
- 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- 5 PAVEMENT RESTORATION PER DETAIL
- 6 J-BOX PER CITY OF BREMERTON DETAIL 7010
- 7 REMOVE SIGN

#### GENERAL NOTES

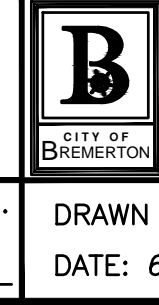
- 1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
- 2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK  
DRAWING NO.



**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

Parametrix

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086    DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814    DATE: 6/25/2021

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

CHANNELIZATION  
WASHINGTON AVENUE

BID SET

DWG NO.  
**CH8**  
SHEET  
13  
OF  
23



LAYOUT: 9 PATH: U:\PSD\Projects\Clients\1896-CityOfBremerton\233-1896-163 BikePedCircImprov\9895es\CAAD\DWG\PS2331896163CH PLOTTED BY: Johnson DATE: June 25, 2021 08:52:36



**SIGN/SYMBOL LEGEND**

- 1 NO TURN ON RED (MUTCD R10-11)
- 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL)
- 3 ARROW PAVEMENT MARKING
- 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap)
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
- 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7)
- 7 PLASTIC BICYCLE LANE MARKINGS
- 8 PLASTIC SHARED LANE MARKING
- 9 GREEN PLASTIC LEFT TURN BOX
- 10 NO PARKING BIKE LANE (MUTCD R7-9)
- 11 1 HOUR PARKING (MUTCD R7-23a)
- 12 NO PARKING ANY TIME (MUTCD R7-1)
- 13 GREEN PLASTIC BIKE BOX
- 14 ADA PARKING ONLY (MUTCD R7-8)
- 15 MOTORCYCLES ONLY (WSDOT R5-1201)
- 16 4 HOUR MAXIMUM
- 17 LOADING ZONE (MUTCD R8-3gP)

**STRIPING LEGEND**

- 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE
- 2 RAISED PAVEMENT MARKER WHITE SKIP LINE
- 3 6 IN. WHITE PLASTIC LINE
- 4 6 IN. WHITE PLASTIC DASHED LINE
- 5 GREEN LADDER STRIPING PER DETAIL
- 6 NOT USED
- 7 12" WHITE PLASTIC STOP BAR
- 8 PLASTIC MOTORCYCLE PARKING MARKING
- 9 PLASTIC PARKING MARKING
- 10 6 IN. YELLOW PLASTIC LINE
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 12 RED PAINTED CURB

**CONSTRUCTION NOTES**

- 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
- 2 INSTALL RRFb, SEE DETAIL
- 3 INSTALL VEHICLE DETECTION RADAR
- 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
- 5 PAVEMENT RESTORATION PER DETAIL
- 6 J-BOX PER CITY OF BREMEROTON DETAIL 7010
- 7 REMOVE SIGN

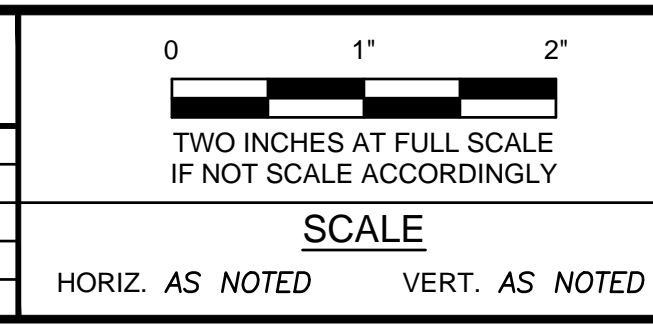
**GENERAL NOTES**

- 1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMEROTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
- 2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.

**BID SET**



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK	DRAWING NO.

**CITY OF BREMEROTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

Parametrix

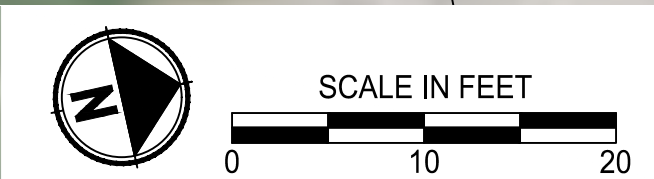
DRAWN BY: J. JOHNSON DATE: 6/25/2021	DESIGN BY: R. SAYLES WASH.P.E.# 58086 DATE: 6/25/2021	CHECKED BY: D. DINKUHN WASH.P.E.# 35814 DATE: 6/25/2021
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DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

**CHANNELIZATION  
WASHINGTON AVENUE/FIFTH STREET**



PN: 233-1896-163	DWG NO. <b>CH9</b> SHEET 14 OF 23
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1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.

# CHANNELIZATION WASHINGTON AVENUE/SIXTH STREET

<div style="text-align: center;"> <h2>REVISIONS</h2>  <div style="display: flex; justify-content: space-between;"> <span>DESCRIPTION</span> <span>DATE</span> <span>BY</span> </div> </div>				<div style="text-align: right;">             0                  1"                  2"    <b>TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY</b> </div>	
				<u><b>SCALE</b></u>	
				HORIZ. AS <i>NOTED</i> VERT. AS <i>NOTED</i>	

FIELD BOOK	 <div style="text-align: center;"> <b>CITY OF BREMERTON</b>        DEPARTMENT OF PUBLIC WORKS &amp; UTILITIES        ENGINEERING DIVISION     </div>		Parametrix
DRAWING NO.	DRAWN BY: J. JOHNSON DATE: 6/25/2021	DESIGN BY: R. SAYLES WASH.P.E.# 58086      DATE: 6/25/2021	CHECKED BY: D. DINKUHN WASH.P.E.# 35814      DATE: 6/25/2021

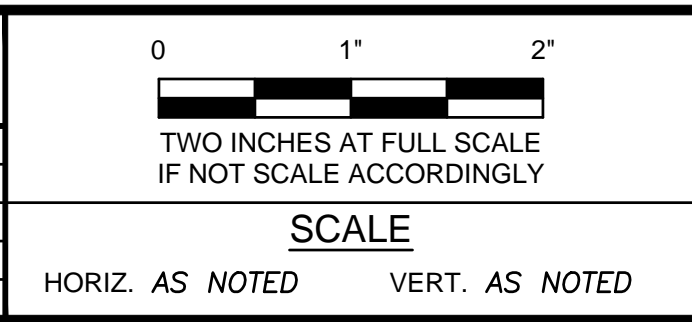
PN: 233-1896-163	DWG NO.
	CH10
	SHEET
	15
	OF
	23



LAYOUT: 11    PATH: U:\PSO\Projects\Clients\1896-163 BikePedCircImprov\995ves\CADD\DWG\PS2331896163CH    PLOTTED BY: Johnson    DATE: June 25, 2021 08:52:53



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK

DRAWING NO.

**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086    DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814    DATE: 6/25/2021

Parametrix

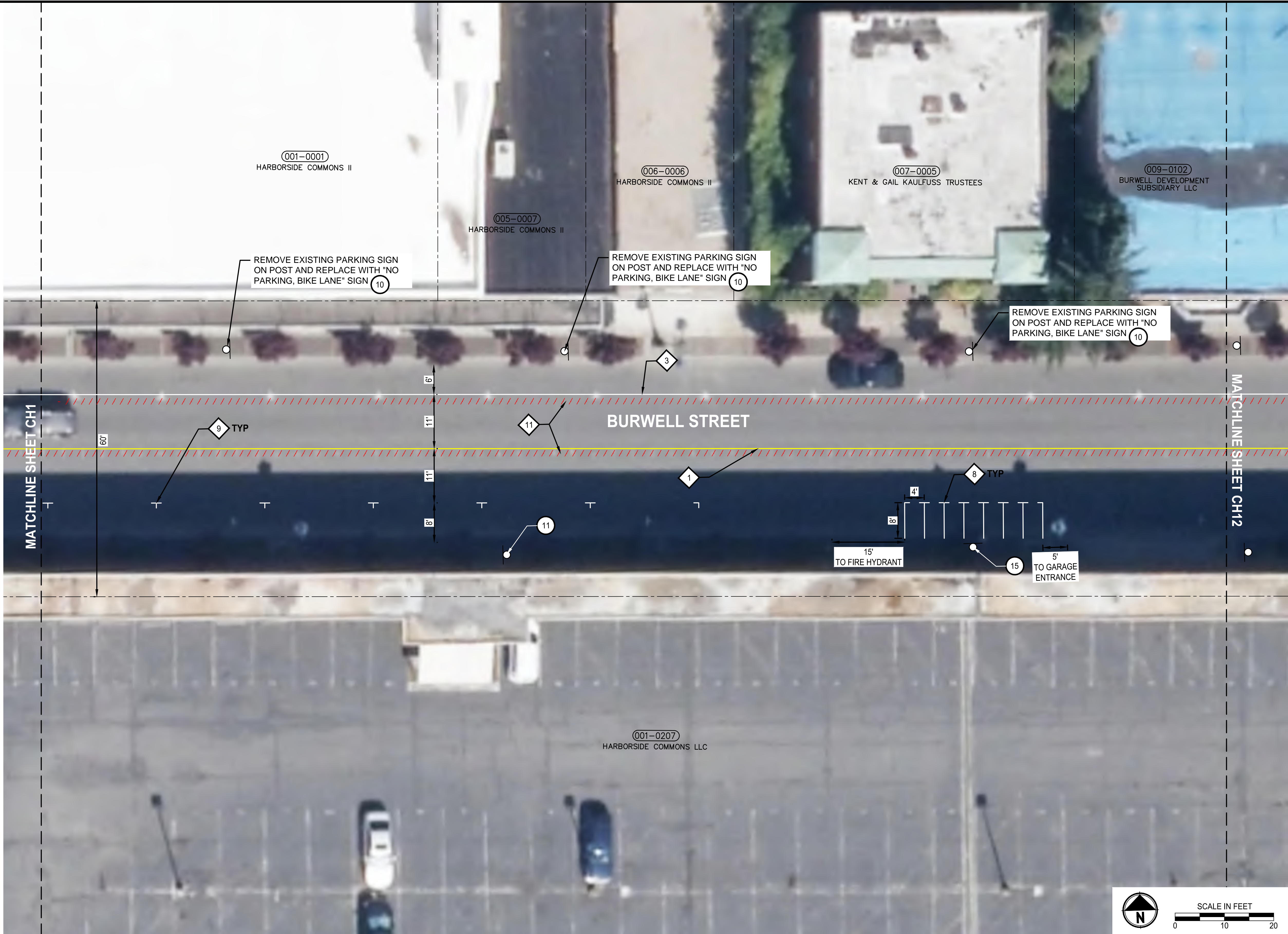
DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

**CHANNELIZATION  
BURWELL STREET**

BID SET

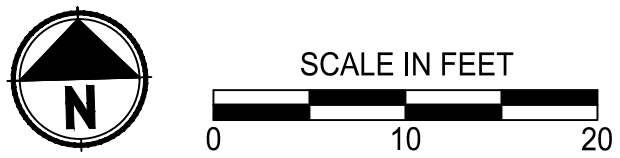
DWG NO.  
**CH11**  
SHEET  
16  
OF  
23

PN: 233-1896-163



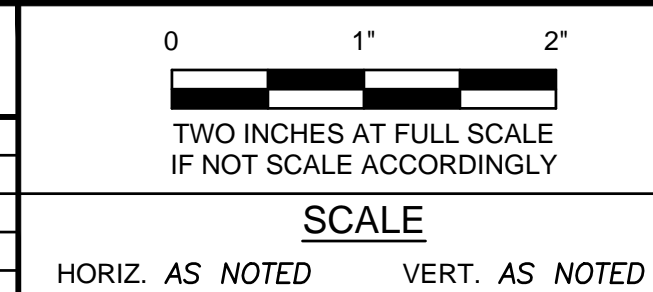
- SIGN/SYMBOL LEGEND**
  - 1 NO TURN ON RED (MUTCD R10-11)
  - 2 LEFT TURN MUST USE TURN BOX (MUTCD R9-23aL)
  - 3 ARROW PAVEMENT MARKING
  - 4 YIELD TO ONCOMING TRAFFIC (MUTCD R1-2ap)
  - 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
  - 6 DO NOT BLOCK INTERSECTION (MUTCD R10-7)
  - 7 PLASTIC BICYCLE LANE MARKINGS
  - 8 PLASTIC SHARED LANE MARKING
  - 9 GREEN PLASTIC LEFT TURN BOX
  - 10 NO PARKING BIKE LANE (MUTCD R7-9)
  - 11 1 HOUR PARKING (MUTCD R7-23a)
  - 12 NO PARKING ANY TIME (MUTCD R7-1)
  - 13 GREEN PLASTIC BIKE BOX
  - 14 ADA PARKING ONLY (MUTCD R7-8)
  - 15 MOTORCYCLES ONLY (WSDOT R5-1201)
  - 16 4 HOUR MAXIMUM
  - 17 LOADING ZONE (MUTCD R8-3gP)
- STRIPING LEGEND**
  - 1 RAISED PAVEMENT MARKER YELLOW DOUBLE LINE
  - 2 RAISED PAVEMENT MARKER WHITE SKIP LINE
  - 3 6 IN. WHITE PLASTIC LINE
  - 4 6 IN. WHITE PLASTIC DASHED LINE
  - 5 GREEN LADDER STRIPING PER DETAIL
  - 6 NOT USED
  - 7 12" WHITE PLASTIC STOP BAR
  - 8 PLASTIC MOTORCYCLE PARKING MARKING
  - 9 PLASTIC PARKING MARKING
  - 10 6 IN. YELLOW PLASTIC LINE
  - 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
  - 12 RED PAINTED CURB
- CONSTRUCTION NOTES**
  - 1 INSTALL WAVETRONIX BICYCLE DETECTION RADAR TO MAST ARM PER ENGINEER
  - 2 INSTALL RRFB, SEE DETAIL
  - 3 INSTALL VEHICLE DETECTION RADAR
  - 4 DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-02
  - 5 PAVEMENT RESTORATION PER DETAIL
  - 6 J-BOX PER CITY OF BREMERTON DETAIL 7010
  - 7 REMOVE SIGN
- GENERAL NOTES**
  - TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
  - ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.






1. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3253 A & B. LOCATE PER ENGINEER.
2. ALL POSTS AND PUSH BUTTONS TO MEET ADA REQUIREMENTS PER ENGINEER.

DWG NO.  
**CH12**  
SHEET  
17  
OF  
23

[illegible]

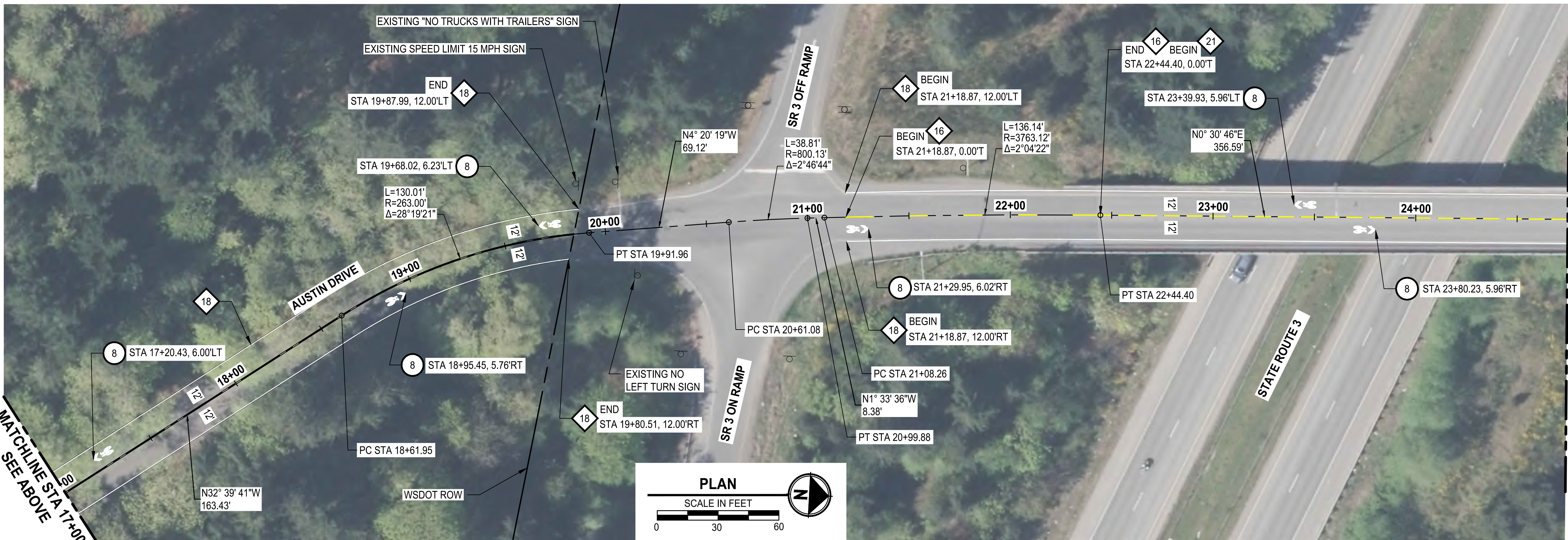
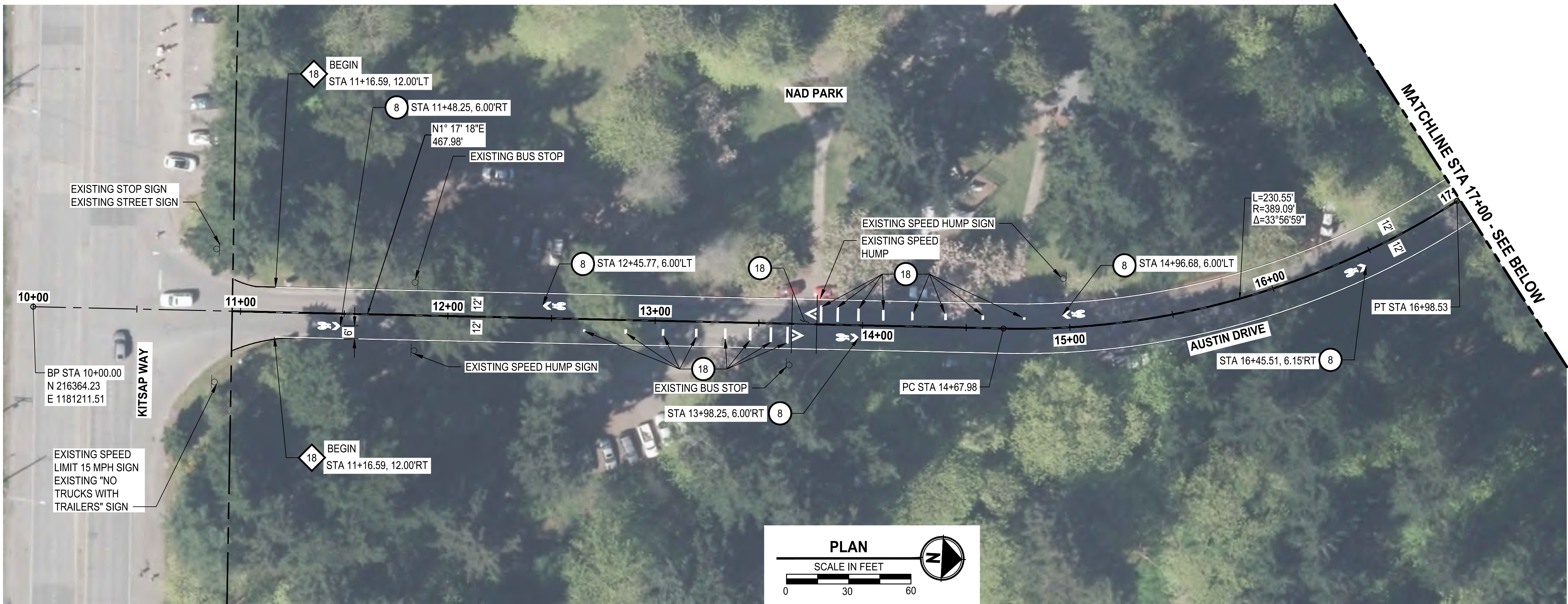
FIELD BOOK		<div>CITY OF BREMERTON</div> <div>DEPARTMENT OF PUBLIC WORKS &amp; UTILITIES</div> <div>ENGINEERING DIVISION</div>				<div>Parametrix</div>
DRAWING NO.	DRAWN BY: J. JOHNSON DATE: 6/25/2021		DESIGN BY: R. SAYLES WASH.P.E.# 58086      DATE: 6/25/2021		CHECKED BY: D. DINKUHN WASH.P.E.# 35814      DATE: 6/25/2021	

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

# CHANNELIZATION BURWELL STREET



LAYOUT: CH13  
PATH: U:\PSO\Projects\Clients\1896-CityOfBremerton\233-1896-178 Austin Drive Bike Lane\999999\CAADD\DWG\52331896163\_AWNT3.CH  
PLOTED BY: John Mado DATE: June 25, 2021 08:45:06



#### SIGN/SYMBOL LEGEND

- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
- 7 PLASTIC BICYCLE LANE MARKINGS
- 8 PLASTIC SHARED LANE MARKING
- 18 SPEED HUMP PAVEMENT MARKING
- 19 BIKE LANE (MUTCD R3-17)
- 20 BIKE LANE ENDS (MUTCD R3-17bP)
- 21 NO PARKING CORNER TO HERE (MUTCD R7-1)
- 22 NO PARKING BIKE LANE (MUTCD R7-9)
- 23 TWO HOUR PARKING (MUTCD R7-5)
- 24 NO PARKING LOADING ZONE (MUTCD R7-6)

#### STRIPING LEGEND

- 5 GREEN LADDER STRIPING PER DETAIL
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 13 4 IN. WHITE PLASTIC LINE
- 14 6 IN. WHITE PLASTIC LINE
- 15 4 IN. WHITE PLASTIC LINE, DOTTED 2'X2' SKIP PATTERN
- 16 4 IN. YELLOW PLASTIC SKIP LINE PER
- 17 RED PAINTED CURB
- 18 3 IN. WHITE PLASTIC EDGE LINE PER
- 19 BIKE LANE BUFFER PER
- 20 MATCH EXISTING CHANNELIZATION
- 21 RAISED PAVEMENT MARKER YELLOW SKIP LINE

#### GENERAL NOTES

- ASSUMED DATUM FOR HORIZONTAL CONTROL IS NAD 1983(91).
- DESIGN PREPARED USING AERIAL IMAGERY. LOCATION OF ALL EXISTING FEATURES AND UTILITIES ARE APPROXIMATE.
- TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3251 (DETAIL 7, SHEET G4).
- LOCATION OF EXISTING PAVEMENT MARKINGS AND SIGNS ON THIS PLAN SHEET ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING PAVEMENT MARKINGS AND SIGNS.
- HYDROBLAST EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THOSE ON THIS PLAN.
- ALL PAVEMENT SYMBOLS TO BE CENTERED IN LANE.
- ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES UNLESS OTHERWISE NOTED.
- BICYCLE LANE MARKINGS AND SHARED LANE MARKING SHALL BE SPACED AT INTERVALS NO GREATER THAN 250 FEET.

#### BID SET



REVISIONS			
NO	DESCRIPTION	DATE	BY

0	1"	2"
TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY		
SCALE		
HORIZ. AS NOTED	VERT. AS NOTED	

FIELD BOOK	CITY OF BREMERTON DEPARTMENT OF PUBLIC WORKS & UTILITIES ENGINEERING DIVISION		Parametrix
DRAWING NO.	DRAWN BY: J. JOHNSON DATE: 6/25/2021	DESIGN BY: R. SAYLES WASH.P.E.# 58086 DATE: 6/25/2021	CHECKED BY: D. DINKUHN WASH.P.E.# 35814 DATE: 6/25/2021

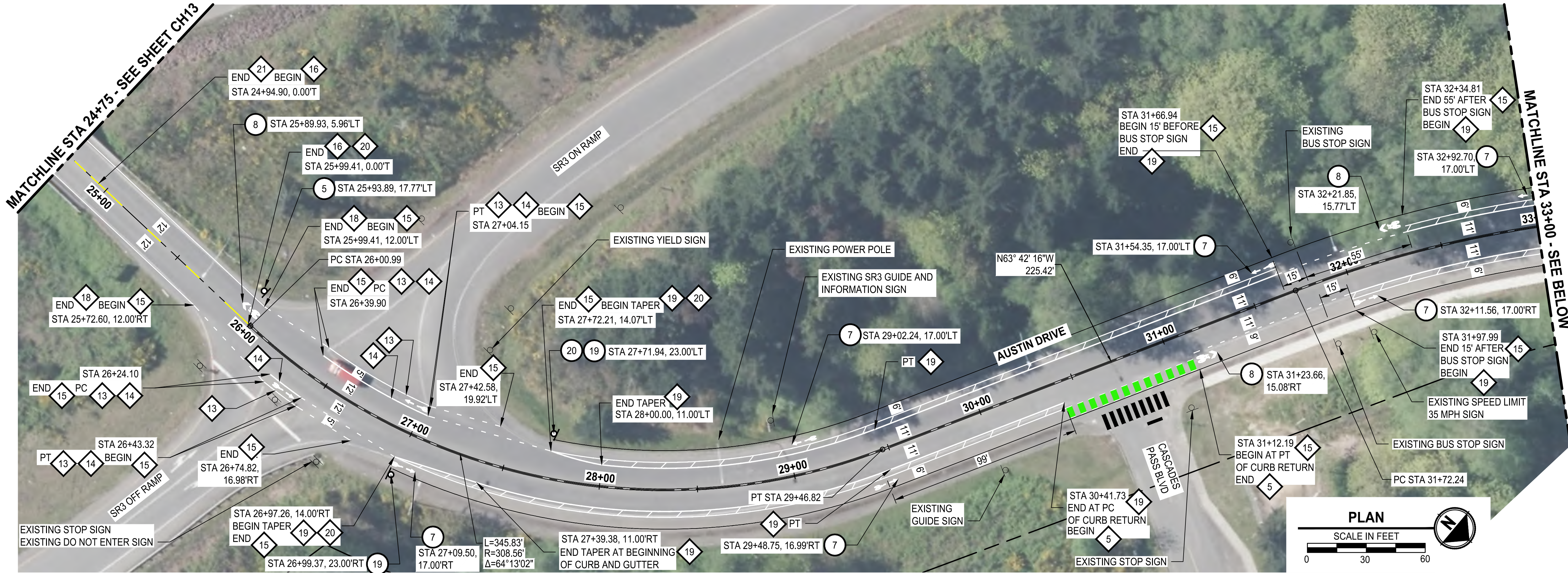
DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS

CHANNELIZATION  
AUSTIN DRIVE

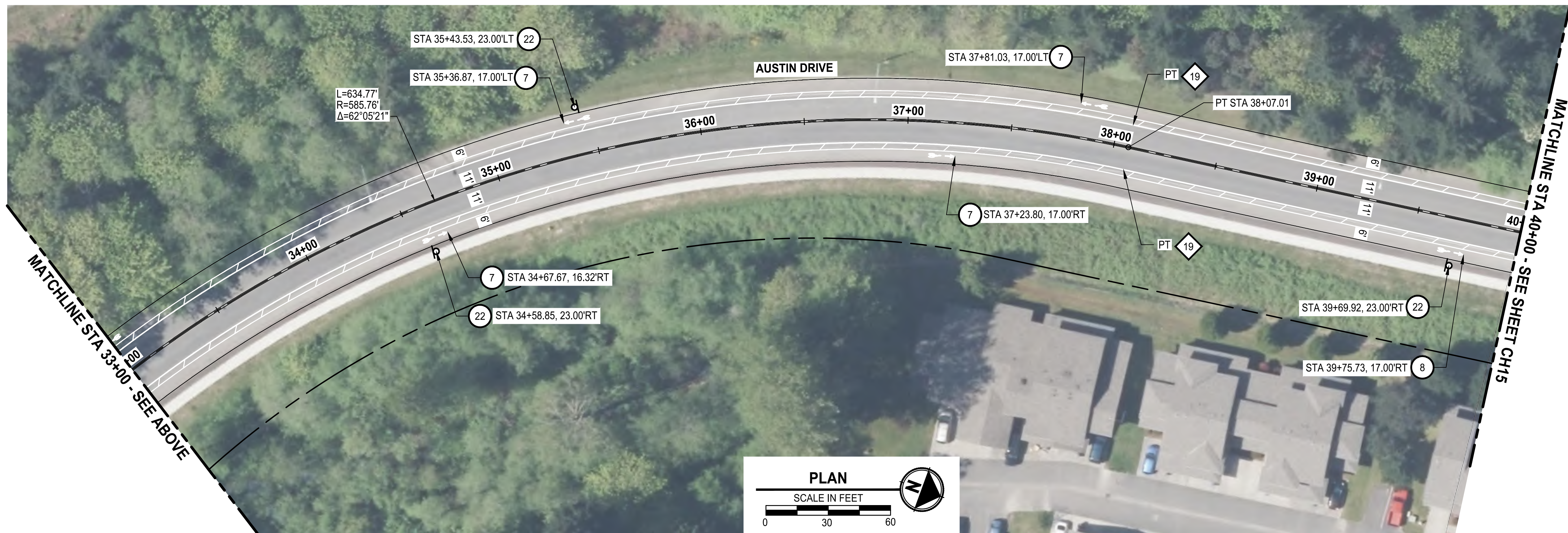
DWG NO.	CH13
SHEET	18
OF	23



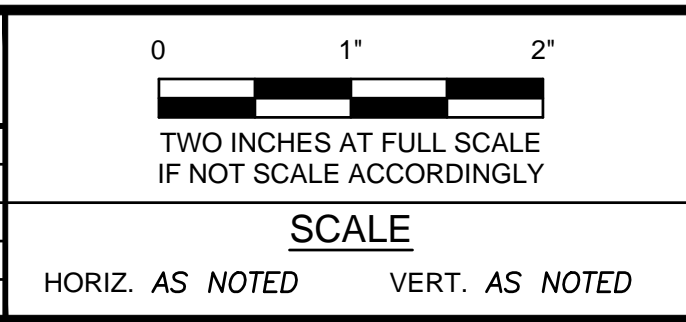
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PLOTED BY: John Mado DATE: June 25, 2021 08:45:38



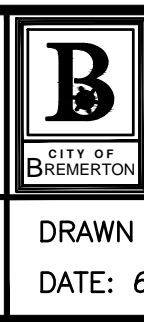
- SIGN/SYMBOL LEGEND**
- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
  - 7 PLASTIC BICYCLE LANE MARKINGS
  - 8 PLASTIC SHARED LANE MARKING
  - 18 SPEED HUMP PAVEMENT MARKING
  - 19 BIKE LANE (MUTCD R3-17)
  - 20 BIKE LANE ENDS (MUTCD R3-17bP)
  - 21 NO PARKING CORNER TO HERE (MUTCD R7-1)
  - 22 NO PARKING BIKE LANE (MUTCD R7-9)
  - 23 TWO HOUR PARKING (MUTCD R7-5)
  - 24 NO PARKING LOADING ZONE (MUTCD R7-6)
- STRIPING LEGEND**
- 5 GREEN LADDER STRIPING PER DETAIL
  - 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
  - 13 4 IN. WHITE PLASTIC LINE
  - 14 6 IN. WHITE PLASTIC LINE
  - 15 4 IN. WHITE PLASTIC LINE, DOTTED 2'X2' SKIP PATTERN
  - 16 4 IN. YELLOW PLASTIC SKIP LINE PER
  - 17 RED PAINTED CURB
  - 18 3 IN. WHITE PLASTIC EDGE LINE PER
  - 19 BIKE LANE BUFFER PER
  - 20 MATCH EXISTING CHANNELIZATION
  - 21 RAISED PAVEMENT MARKER YELLOW SKIP LINE
- GENERAL NOTES**
1. ASSUMED DATUM FOR HORIZONTAL CONTROL IS NAD 1983(91).
  2. DESIGN PREPARED USING AERIAL IMAGERY. LOCATION OF ALL EXISTING FEATURES AND UTILITIES ARE APPROXIMATE.
  3. TYPICAL SIGN INSTALLATION TO BE PERFORMED PER CITY OF BREMERTON ENGINEERING DIVISION DETAILS 3251 (DETAIL 7, SHEET G4).
  4. LOCATION OF EXISTING PAVEMENT MARKINGS AND SIGNS ON THIS PLAN SHEET ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING PAVEMENT MARKINGS AND SIGNS.
  5. HYDROBLAST EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THOSE ON THIS PLAN.
  6. ALL PAVEMENT SYMBOLS TO BE CENTERED IN LANE.
  7. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES UNLESS OTHERWISE NOTED.
  8. BICYCLE LANE MARKINGS AND SHARED LANE MARKING SHALL BE SPACED AT INTERVALS NO GREATER THAN 250 FEET.



REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK  
DRAWING NO.



**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

Parametrix

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086 DATE: 6/25/2021

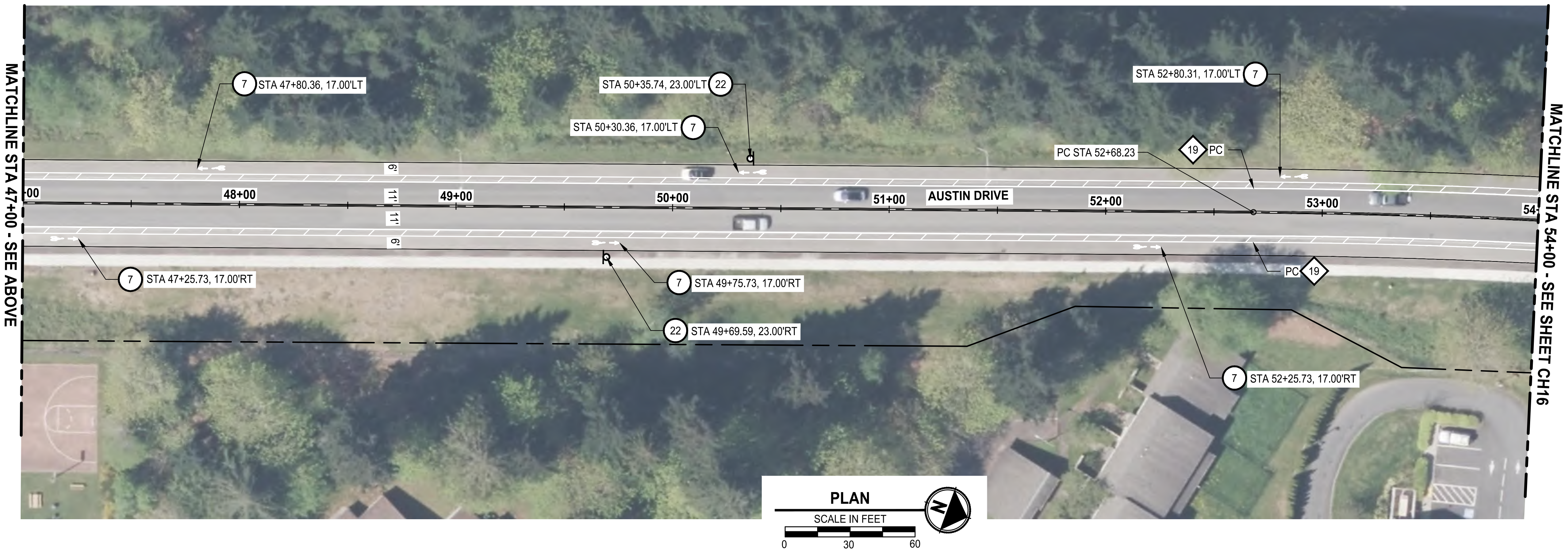
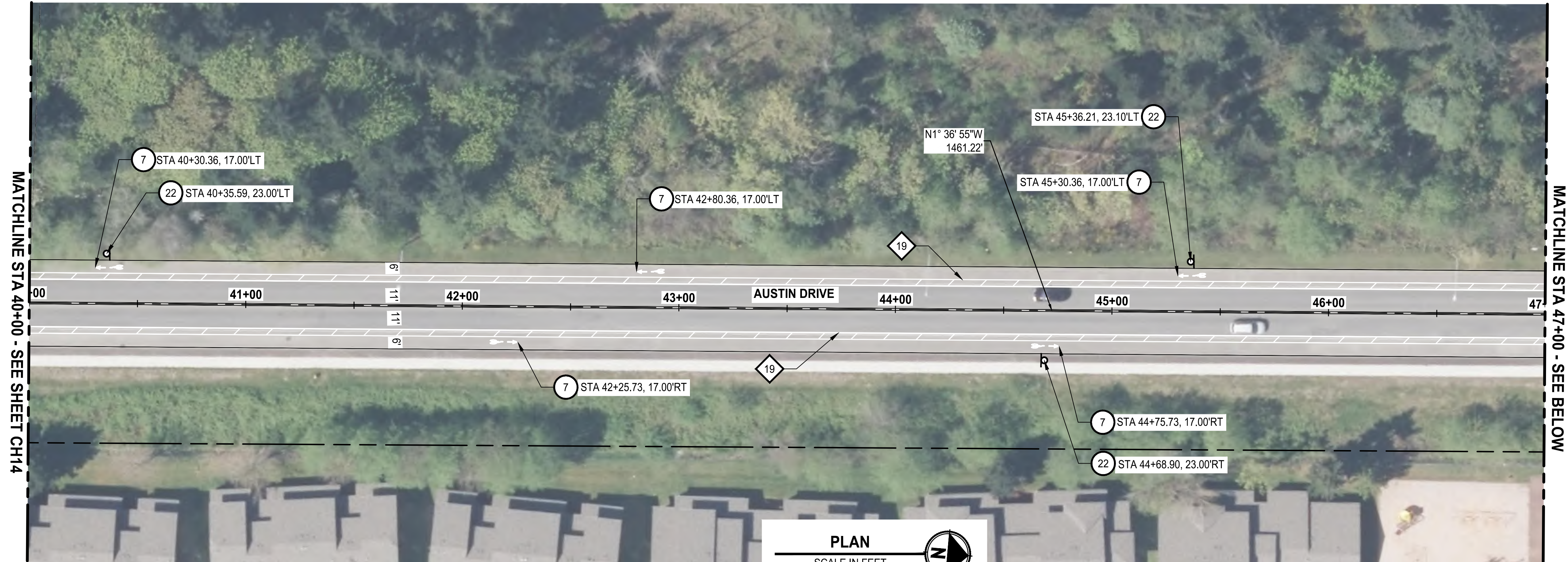
CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814 DATE: 6/25/2021

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS		DWG NO.	
CHANNELIZATION AUSTIN DRIVE		CH14	
PN: 233-1896-163		SHEET	
		19	
		OF	
		23	

BID SET



LAYOUT: CH15  
PATH: U:\PSO\Projects\Clients\1896-CityOfBremerton\233-1896-178 Austin Drive Bike Lane\999\cs\CADD\DWG\52331896163\_AWNT3.CH  
PLOTTER BY: Johnson DATE: June 25, 2021 08:45:47



**SIGN/SYMBOL LEGEND**

- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
- 7 PLASTIC BICYCLE LANE MARKINGS
- 8 PLASTIC SHARED LANE MARKING
- 18 SPEED HUMP PAVEMENT MARKING
- 19 BIKE LANE (MUTCD R3-17)
- 20 BIKE LANE ENDS (MUTCD R3-17bP)
- 21 NO PARKING CORNER TO HERE (MUTCD R7-1)
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- 23 TWO HOUR PARKING (MUTCD R7-5)
- 24 NO PARKING LOADING ZONE (MUTCD R7-6)

**STRIPING LEGEND**

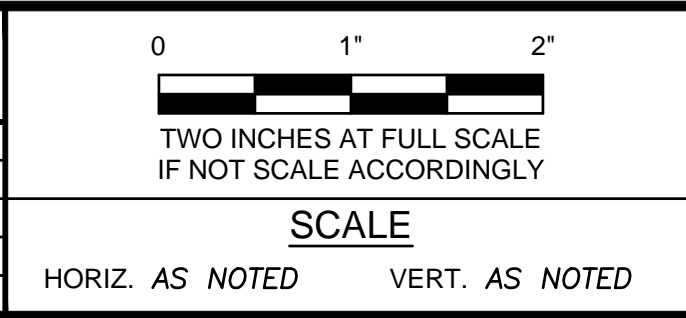
- 5 GREEN LADDER STRIPING PER DETAIL
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
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- 16 4 IN. YELLOW PLASTIC SKIP LINE PER
- 17 RED PAINTED CURB
- 18 3 IN. WHITE PLASTIC EDGE LINE PER
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- 20 MATCH EXISTING CHANNELIZATION
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**GENERAL NOTES**

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REVISIONS			
NO	DESCRIPTION	DATE	BY



FIELD BOOK

DRAWING NO.



**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

Parametrix

DRAWN BY: J. JOHNSON  
DATE: 6/25/2021

DESIGN BY: R. SAYLES  
WASH.P.E.# 58086 DATE: 6/25/2021

CHECKED BY: D. DINKUHN  
WASH.P.E.# 35814 DATE: 6/25/2021

DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS		DWG NO. CH15  SHEET 20 OF 23
CHANNELIZATION AUSTIN DRIVE		
PN: 233-1896-163		



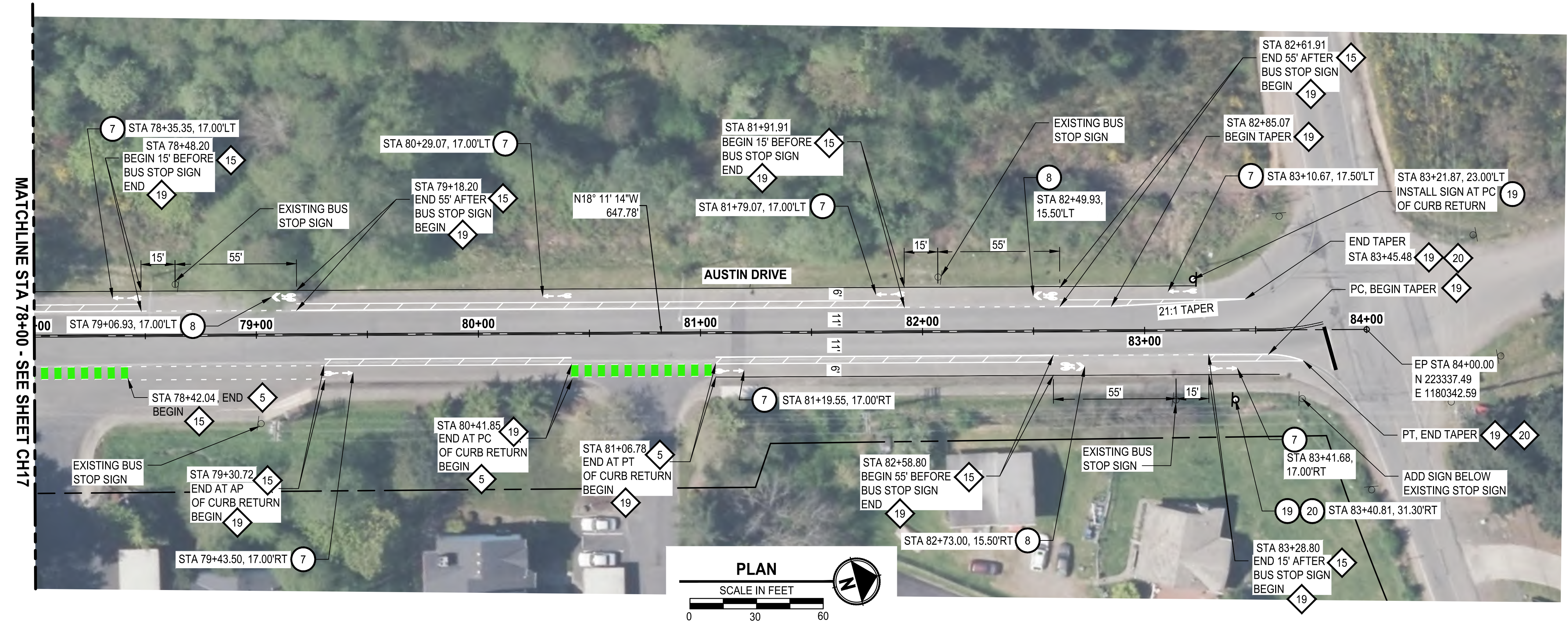








LAYOUT: CH18  
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PLOTTER BY: John Mabo  
DATE: June 25, 2021 08:46:12



### SIGN/SYMBOL LEGEND

- 5 BIKES MAY USE FULL LANE (MUTCD R4-11)
- 7 PLASTIC BICYCLE LANE MARKINGS
- 8 PLASTIC SHARED LANE MARKING
- 18 SPEED HUMP PAVEMENT MARKING
- 19 BIKE LANE (MUTCD R3-17)
- 20 BIKE LANE ENDS (MUTCD R3-17bP)
- 21 NO PARKING CORNER TO HERE (MUTCD R7-1)
- 22 NO PARKING BIKE LANE (MUTCD R7-9)
- 23 TWO HOUR PARKING (MUTCD R7-5)
- 24 NO PARKING LOADING ZONE (MUTCD R7-6)

### STRIPING LEGEND

- 5 GREEN LADDER STRIPING PER DETAIL
- 11 HYDROBLASTING EXISTING PAVEMENT MARKINGS
- 13 4 IN. WHITE PLASTIC LINE
- 14 6 IN. WHITE PLASTIC LINE
- 15 4 IN. WHITE PLASTIC LINE, DOTTED 2'X2' SKIP PATTERN
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### BID SET

REVISIONS				<div>01"2"Two inches at full scale if not scale accordingly</div>	FIELD BOOK	<div><div><div></div></div><div>CITY OF BREMERTON</div></div>	CITY OF BREMERTON		Parametrix	DOWNTOWN BICYCLE PEDESTRIAN CIRCULATION IMPROVEMENTS	DWG NO. CH18
NO	DESCRIPTION	DATE	BY				DEPARTMENT OF PUBLIC WORKS & UTILITIES				
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