GOVERNING AGENCIES

CITY OF BREMERTON 345 6TH STREET, SUITE 100 BREMERTON, WA 98337 (360) 473-2317 CONTACT: ANDREA ARCHER-PARSONS

ELECTED OFFICIALS

MAYOR: GREG WHEELER

COUNCIL MEMBERS:
PAT SULLIVAN, DISTRICT 1
LESUE DAUGS, DISTRICT 2
KEVIN GORMAN, DISTRICT 3
LORI WHEAT, DISTRICT 4
MICHAEL GOODNOW, DISTRICT 6
ERIC YOUNGER, DISTRICT 6

CIVIL ENGINEER

SCJ ALLIANCE 212 N TOWER AVE CENTRALIA, WA 98531 PHONE: (360) 669-0700 CONTACT: JOSH BRANNIN, P.E.

SURVEYOR

MTN2COAST 2320 MOTTMAN RD SW SUITE 106 TUMWATER, WA 98512 (360) 239-1497

GEOTECHNICAL ENGINEER

GEOENGINEERS INC 101 FAWCETT AVE SUITE 200 TACOMA, WA 98402 (253) 383-4940

TRAFFIC ENGINEER

PH CONSULTING LLC 913 M.L.K. JR WAY SUITE A TACOMA, WA 98405 (253) 267-8650

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.

CITY OF BREMERTON

DEPARTMENT OF PUBLIC WORKS AND UTILITIES

KITSAP WAY (SR 310) AND WARREN AVENUE / WHEATON WAY (SR 303)

HSIP PHASE 3 June 8, 2021

ADDENDUM #1

BREMERTON, WASHINGTON CITY OF BREMERTON PROJECT #315023

FEDERAL AID #: HSIP-000S(525)

NE FURNEYS LN NE RIDDELL RD COUNTY BREMERTON PROJECT SITE (TYP.) 16TH ST 13TH ST KITSAP WAT BURWELL ST

VERTICAL DATUM

NAVD88 BASED ON GPS TIES TO WASHINGTON STATE REFERENCE NETWORK

BASIS OF BEARING

WASHINGTON STATE PLANE COORDINATES, NORTH ZONE, NAD 83/2011
BASED ON GPS TIES TO WASHINGTON STATE REFERENCE NETWORK.

NOTES

- WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE PROJECT SPECIFICATIONS AND THE 2021 WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION WHICH ARE HEREBY REFERENCED AS A PART OF
- 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED WORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE WORK WHICH WOULD BE AFFECTED.

Andrea Archer-Parsons Parsons Date: 2021.06.09 15:48:01 -07:00' ANDREA ARCHER-PARSONS, P.E., PROJECT MANAGER Ned Lever

NED LEVER, P.E., CITY ENGINEER

VICINITY MAP - NTS CITY OF BREMERTON



3	MICHAEL OF WASA	The same
	13	
3	SISTER OF THE PROPERTY OF THE	de for

THE UNDERGROUND LOCATE LINE AT 811 OR (800)-342-1585 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

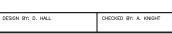
NO.	REVISIONS DESCRIPTION	DATE	BY	
11	ADDENDUM (1 - REPLACE SHEET	6/8/2021		
				HOBI

VICINITY MAP - NTS

	0	1"			2*
					9
		CHES AT SCALE A			
		SCA	LE		
HORIZ.	AS NO	TED	VER	r. AS	NOTED

RAWING NO. DRAWN BY: S. HOWSDEN	
DATE: JUNE 8, 2021	

FIELD BOOK



ROVEMENT PROJECT PHASE III
WA KITSAP COUNTY
OVER SHEET

	DWG N
	CV-0
023	SHEE
15	01
	OF
₹	100

CALL BEFORE YOU DIG
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION
AND PROTECTION OF ALL EXISTING UITLINES. THE CONTRACTOR SHALL
VERFY ALL UITLITY LOCATIONS FORCH TO CONSTRUCTION BY CALLING

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.

		SHEET INDEX
SHEET NO.	SHEET TITLE	SHEET DESCRIPTION
01	CV-01	COVER SHEET
02	CV-02	SHEET INDEX
03	QTY-01	NOT USED
04	AL-01	ROW AND SURVEY CONTROL
05	AL-02	ROW AND SURVEY CONTROL
06	AL-03	ROW AND SURVEY CONTROL
07	AL-04	ROW AND SURVEY CONTROL
08	ER-01	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
09	ER-02	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
10	ER-03	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
11	ER-04	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
12	ER-05	NOT USED
13	RM-01	REMOVAL PLAN
14	RM-02	REMOVAL PLAN
15	RM-03	REMOVAL PLAN
16	RM-04	REMOVAL PLAN
17	RM-05	REMOVAL PLAN
18	RM-06	REMOVAL PLAN
19	RM-07	REMOVAL PLAN
20	RM-08	REMOVAL PLAN
21	RM-09	REMOVAL PLAN
22	RM-10	REMOVAL PLAN
23	RM-10	REMOVAL PLAN
24		
	RM-12	REMOVAL PLAN
25	RM-13	REMOVAL PLAN
26	RM-14	REMOVAL PLAN
27	RM-15	REMOVAL PLAN
28	RM-16	REMOVAL PLAN
29	RM-17	REMOVAL PLAN
30	XS-01	TYPICAL ROADWAY SECTIONS
31	PV-01	N SR3 ON-RAMP / SHOREWOOD PAVING PLAN
32	PV-02	PED CROSSING / PRIVATE DRIVE PAVING PLAN
33	PV-03	NATIONAL AVE PAVING PLAN
34	PV-04	11TH PED CROSSING PAVING PLAN
35	PV-05	PAVING DETAILS
36	ADA-01	NB SR3 ON-RAMP RAMP DETAILS
37	ADA-02	SHOREWOOD DR RAMP DETAILS
38	ADA-03	THE DUGOUT PED ISLAND RAMP DETAILS
39	ADA-04	PRIVATE DRIVE RAMP DETAILS
40	ADA-05	NATIONAL AVE SW QUADRANT RAMP DETAILS
41	ADA-06	NATIONAL PED ISLAND RAMP DETAILS
42	ADA-07	KITSAP & 11TH ST RAMP DETAILS 1
43	ADA-08	KITSAP & 11TH ST RAMP DETAILS 2
44	PM-01	CHANNELIZATION PLAN
45	PM-02	CHANNELIZATION PLAN
46	PM-03	CHANNELIZATION PLAN
47	PM-04	CHANNELIZATION PLAN
48	PM-05	CHANNELIZATION PLAN
49	PM-06	CHANNELIZATION PLAN
50	PM-07	CHANNELIZATION PLAN
51	PM-08	CHANNELIZATION PLAN
52	PM-09	CHANNELIZATION PLAN
53	PM-10	CHANNELIZATION PLAN
	1	<u> </u>

55	PM-12	CHANNELIZATION PLAN			
56	PM-13	CHANNELIZATION PLAN			
57	PM-14	CHANNELIZATION PLAN			
58	PM-15	CHANNELIZATION PLAN			
59	PM-16	CHANNELIZATION PLAN			
60	PM-17	CHANNELIZATION PLAN			
61	PM-18	CHANNELIZATION DETAILS			
62	SN-01	SIGNING PLAN			
63	SN-02	SIGNING PLAN			
64	SN-02	SIGNING PLAN			
65	SN-04	SIGNING PLAN			
66	SN-05	SIGNING PLAN			
67	SN-06	SIGNING PLAN			
68	SN-07	SIGNING PLAN			
69	SN-08	SIGNING PLAN			
70	SN-09	SIGNING PLAN			
71 	SN-10	SIGNING PLAN			
72	SN-11	SIGNING PLAN			
73	SN-12	SIGNING PLAN			
74	SN-13	SIGNING PLAN			
75	SN-14	SIGNING PLAN			
76	SN-15	SIGNING PLAN			
77	SND-01	SIGN TABLES			
78	TC-01	HWY 3 NB ON-RAMP AND SHOREWOOD TTC 2			
79	TC-02	HWY 3 NB ON-RAMP AND SHOREWOOD TTC 2			
80	TC-03	HWY 3 NB ON-RAMP AND SHOREWOOD TTC 3			
81	TC-04	NATIONAL AVE TTC 1			
82	TC-05	NATIONAL AVE TTC 2			
83	TC-06	NATIONAL AVE TTC 3			
84	TC-07	11TH ST TTC			
- •	10-07	11111 31 110			
	TC-08	CLASS A SIGNS			
85		CLASS A SIGNS			
85	TC-08	CLASS A SIGNS TION PLANS			
85	TC-08	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP,			
85 TRAFFIC SIC	TC-08 GNAL MODIFICA	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP			
85 TRAFFIC SIC	TC-08 GNAL MODIFICA	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S,			
85 TRAFFIC SIC 86	TC-08 GNAL MODIFICA TS-01	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE,			
85 TRAFFIC SIG	TC-08 GNAL MODIFICA TS-01 TS-02	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N			
85 TRAFFIC SIC 86 87	TC-08 GNAL MODIFICA TS-01 TS-02	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE,			
85 TRAFFIC SIG 86 87 88	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310)/6TH ST & N CALLOW AVE (SR310), WARREN AVE (SR 303) & 6TH ST,			
85 TRAFFIC SIG 86 87 88 89	TC-08 GNAL MODIFICA TS-01 TS-02 TS-03 TS-04	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310)/6TH ST & N CALLOW AVE (SR310), WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 11TH ST WARREN AVE (SR 303) & 13TH ST,			
85 TRAFFIC SIG 86 87 88 89 90 91	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 6TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 16TH ST			
85 TRAFFIC SIG 86 87 88 89 90	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310)/6TH ST & N CALLOW AVE (SR310), WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 6TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & SYLVAN WAY			
85 TRAFFIC SIG 86 87 88 89 90 91	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310)/6TH ST & N CALLOW AVE (SR310), WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 6TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 16TH ST WHEATON WAY (SR 303) & SHERIDAN RD,			
85 TRAFFIC SIG 86 87 88 89 90 91 92	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06 TS-07	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310)/6TH ST & N CALLOW AVE (SR310), WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 6TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 16TH ST WHEATON WAY (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & SYLVAN WAY WHEATON WAY (SR 303) & E BROAD ST			
85 TRAFFIC SIG 86 87 88 89 90 91 92 93	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06 TS-07 TS-08	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310) & BURWELL ST (SR 304) WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 16TH ST WHEATON WAY (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & E BROAD ST WHEATON WAY (SR 303) & HOLLIS ST WHEATON WAY (SR 303) & NE RIDDELL RD,			
85 TRAFFIC SIG 86 87 88 89 90 91 92 93 94	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06 TS-07 TS-08 TS-08 TS-09	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310)/6TH ST & N CALLOW AVE (SR310), WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 6TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 16TH ST WHEATON WAY (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & SYLVAN WAY WHEATON WAY (SR 303) & E BROAD ST WHEATON WAY (SR 303) & NE FURNEYS LN WHEATON WAY (SR 303) & NE FURNEYS LN			
85 TRAFFIC SIG 86 87 88 89 90 91 92 93 94 95	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06 TS-07 TS-08 TS-09 TS-10	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 6TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST WARREN AVE (SR 303) & 16TH ST WHEATON WAY (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & SPLVAN WAY WHEATON WAY (SR 303) & BROAD ST WHEATON WAY (SR 303) & NE RIDDELL RD, WHEATON WAY (SR 303) & NE RIDDELL RD, WHEATON WAY (SR 303) & NE FURNEYS LN KITSAP WAY (SR 310) & SHOREWOOD			
85 TRAFFIC SIG 86 87 88 89 90 91 92 93 94 95 96	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06 TS-07 TS-08 TS-09 TS-10 TS-11	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310) & BURWELL ST (SR 304) WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 11TH ST WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 16TH ST WHEATON WAY (SR 303) & SYLVAN WAY WHEATON WAY (SR 303) & SYLVAN WAY WHEATON WAY (SR 303) & BURWELL ST WHEATON WAY (SR 303) & HOLLIS ST WHEATON WAY (SR 303) & NE RIDDELL RD, WHEATON WAY (SR 303) & NE FURNEYS LN KITSAP WAY (SR 310) & SHOREWOOD KITSAP WAY (SR 310) & SHOREWOOD			
85 TRAFFIC SIG 86 87 88 89 90 91 92 93 94 95 96 97	TC-08 SNAL MODIFICA TS-01 TS-02 TS-03 TS-04 TS-05 TS-06 TS-07 TS-08 TS-09 TS-10 TS-11 TS-12	CLASS A SIGNS TION PLANS KITSAP WAY (SR 310) & SR 3 SB OFF-RAMP, KITSAP WAY (SR 310) & SR 3 NB ON/OFF-RAMP KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL KITSAP WAY (SR 310) & ADELE AVE, KITSAP WAY (SR 310) & WYCOFF AVE N KITSAP WAY (SR 310)/6TH ST & N CALLOW AVE (SR310), WARREN AVE (SR 303) & BURWELL ST (SR 304) WARREN AVE (SR 303) & 6TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & 13TH ST, WARREN AVE (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & SYLVAN WAY WHEATON WAY (SR 303) & F BROAD ST WHEATON WAY (SR 303) & BROAD ST WHEATON WAY (SR 303) & RE RIDDELL RD, WHEATON WAY (SR 303) & NE RIDDELL RD, WHEATON WAY (SR 303) & NE FURNEYS LN KITSAP WAY (SR 310) & SHOREWOOD KITSAP WAY (SR 310) & NATIONAL AVE			



فو	MICHAE.	La
\$ 00°	OF WASH	
1		
POX	52136 SSIONAL EV	WEITE SOIT
•	-	06/2

	REVISIONS			0	1"	2"	FIELD BOOK	
NO>	DESCRIPTION	DATE	BY					
# 1	ADDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES A				
				IF NOT SCALE	ACCORDI	NGLY		
				SC	ALE		DRAWING NO.	DRAWN BY: S. HOWSDEN
				HORIZ. AS NOTED	VFRT	AS NOTED		DATE: ILINE 8 2021

CITY OF BREMERTON

DESIGN BY: D. HALL

CHECKED BY: A. KNIGHT

CHECKED BY: A. KNIGHT

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY SHEET INDEX DWG NO.

CV-02

SHEET

02

OF

100

Jun 09, 2021 5:35:48pm — User george.hilen
N:\PROJECTS\0702 CITY OF BREMERTON\0702.04 KITSAP WA



REVISIONS TWO INCHES AT FULL SCALE
IF NOT SCALE ACCORDINGLY DATE BY DESCRIPTION #1 ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM <u>SCALE</u> HORIZ. AS NOTED VERT. AS NOTED

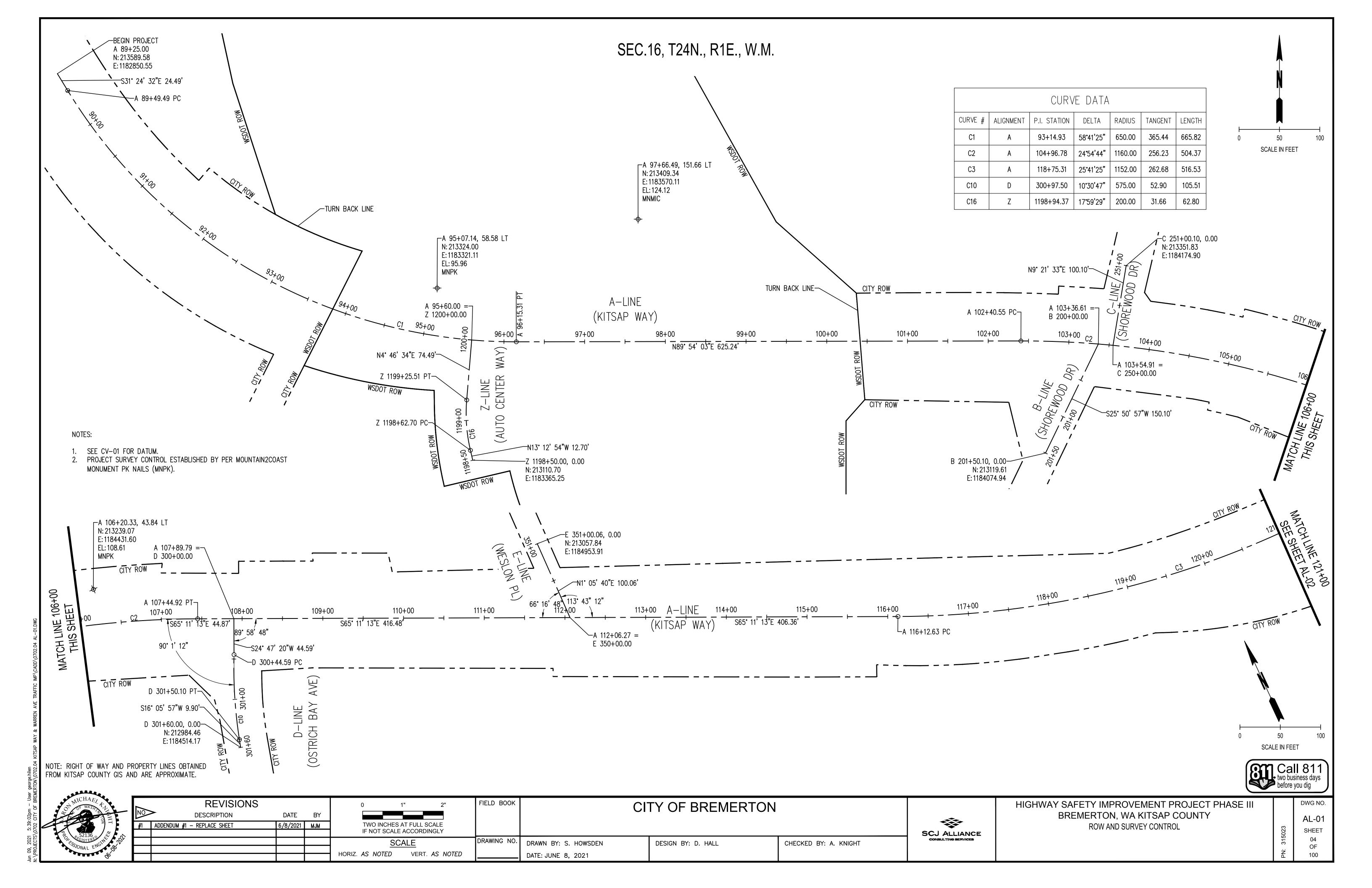
FIELD BOOK DRAWING NO. DRAWN BY: S. HOWSDEN

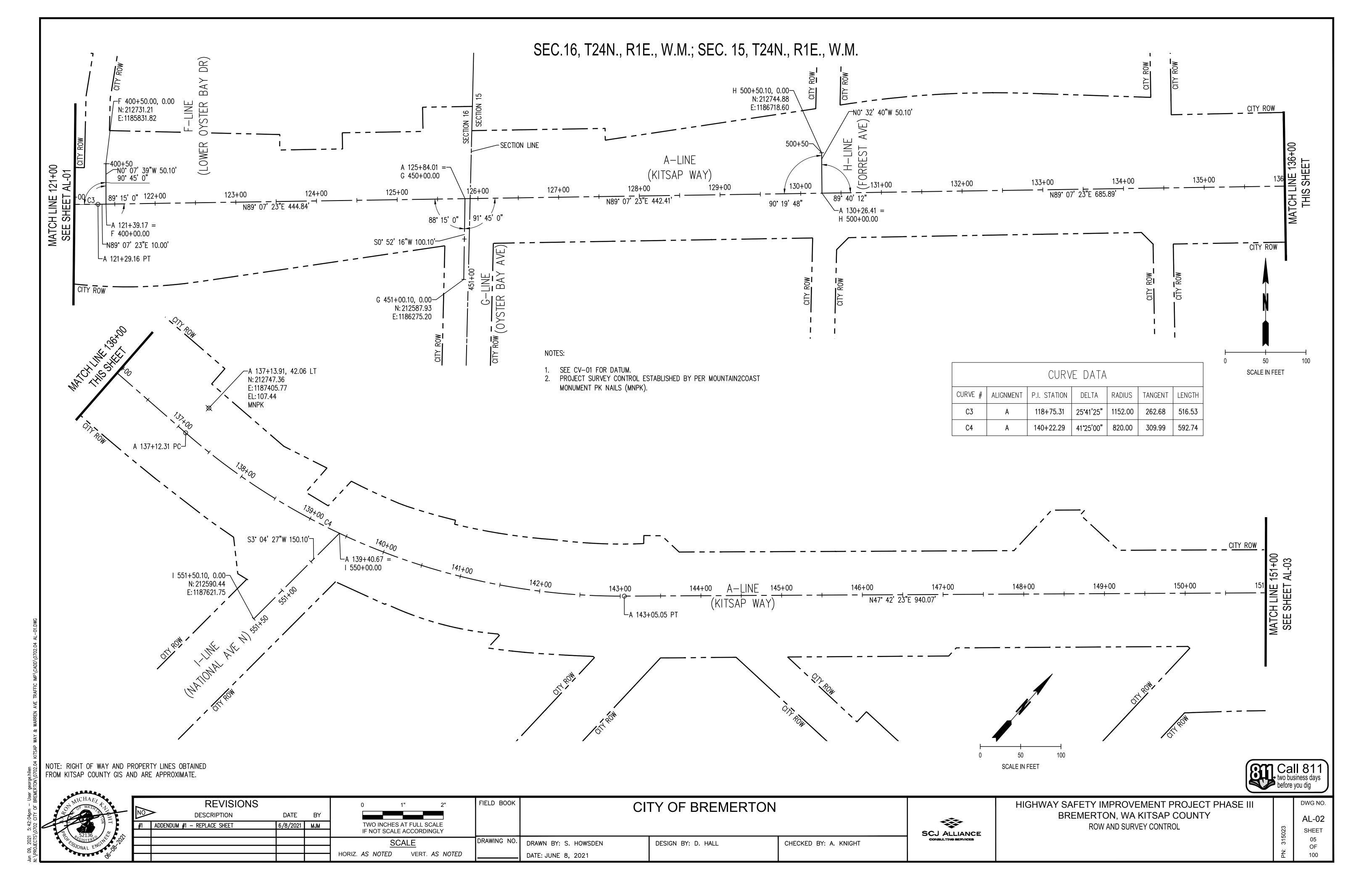
DESIGN BY: D. HALL CHECKED BY: A. KNIGHT DATE: JUNE 8, 2021

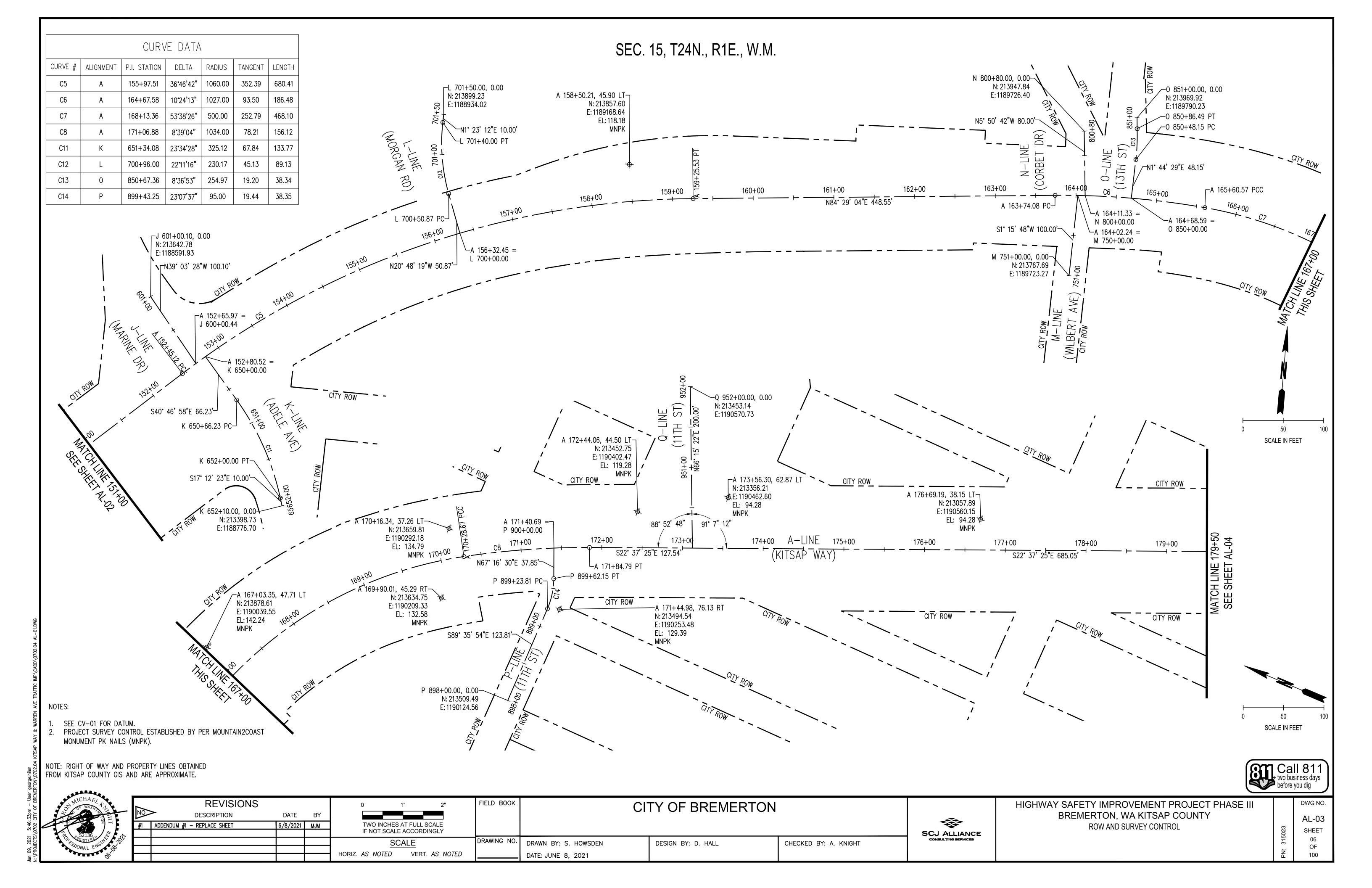
CITY OF BREMERTON

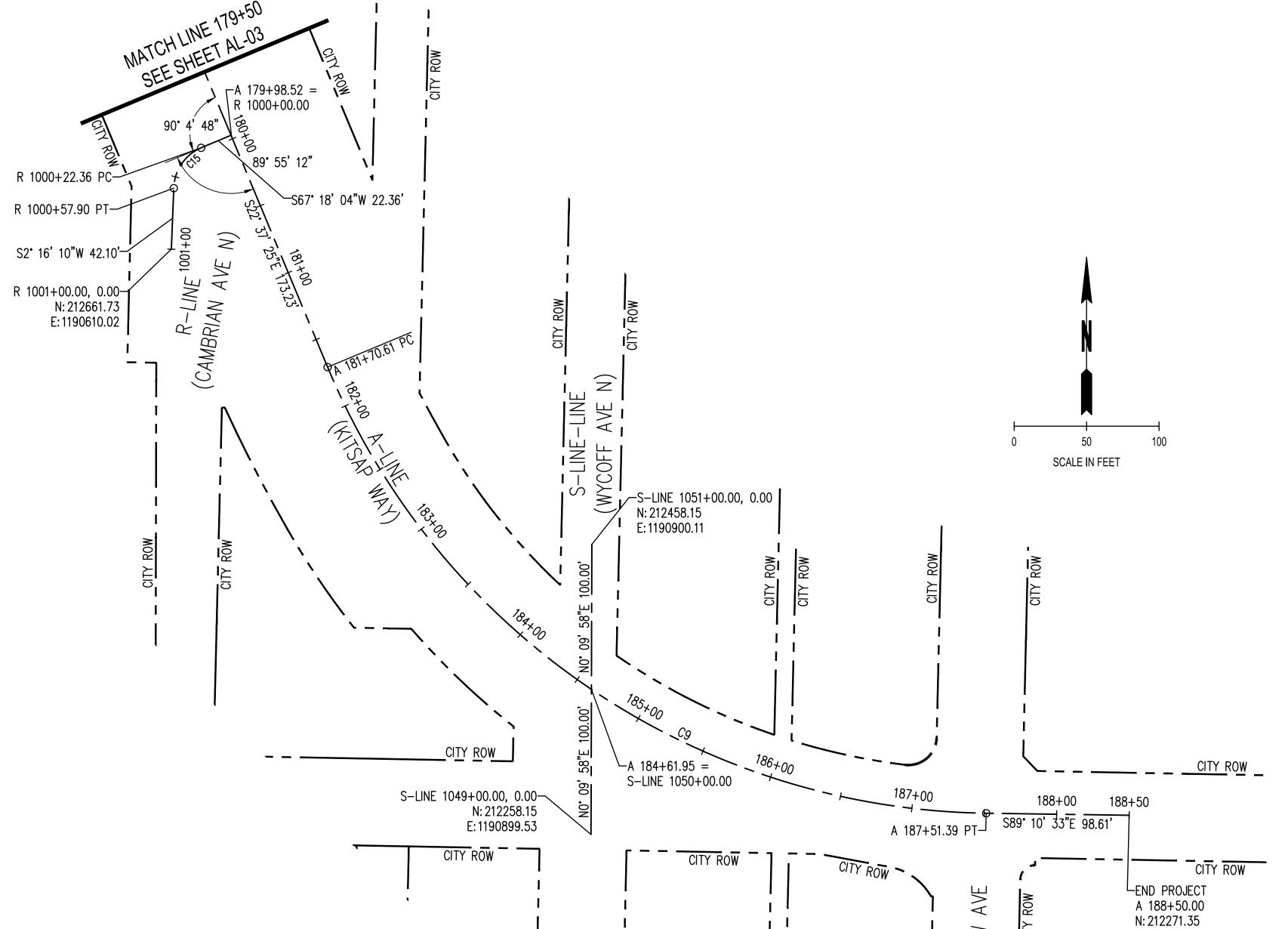
SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY NOT USED

DWG NO. QTY-01









CALLOW

Z

E: 1191270.76

CURVE DATA						
CURVE #	ALIGNMENT	P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
C9	A	184+98.75	66°33'08"	500.00	328.14	580.78
C15	R	1000+42.35	65°22'48"	31.14	19.98	35.53

NOTES:

 SEE CV-01 FOR DATUM.
 PROJECT SURVEY CONTROL ESTABLISHED BY PER MOUNTAIN2COAST MONUMENT PK NAILS (MNPK).

NOTE: RIGHT OF WAY AND PROPERTY LINES OBTAINED FROM KITSAP COUNTY GIS AND ARE APPROXIMATE.

نعو	MICHAEL	
J OF	OF WASAIN	
200	52136	
Ox to	STONAL ENG	NE SOL
•	ALL S	~6´

/2 #1	REVISIONS DESCRIPTION ADDENDUM #1 - REPLACE SHEET	DATE 6/8/2021	BY MJM	TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY	FIELD BOOK	Cl	CITY OF BREMERTON		SCJ ALLIANCE
				SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY ROW AND SURVEY CONTROL

DWG NO. AL-04 SHEET

Call 811 two business days before you dig

FIELD BOOK

DRAWING NO. DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY

SCALE

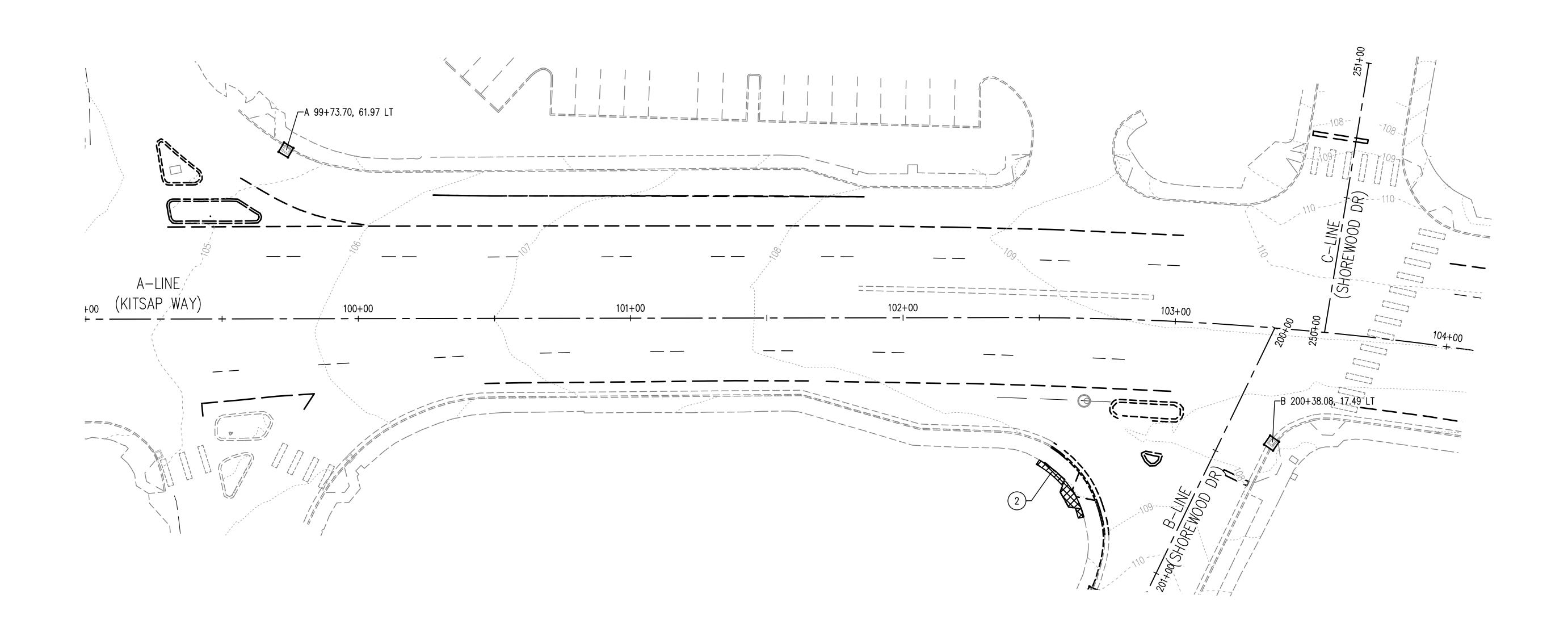
VERT. AS NOTED

0 20 4
SCALE IN FEET

TESC KEY NOTES

1. RESTORE DISTURBED AREA WITH TOPSOIL TYPE A.

2. RESTORE DISTURBED AREA WITH TOPSOIL TYPE A, SEEDING, FERTILIZER, AND MULCH. NO IRRIGATION OR SOIL AMENDMENTS REQUIRED.



CITY OF BREMERTON

CHECKED BY: A. KNIGHT

DESIGN BY: D. HALL

SCJ ALLIANCE CONSULTING SERVICES

GHWAY SAFETY IMPROVEMENT PROJECT PHASE III
BREMERTON, WA KITSAP COUNTY
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

DWG NO.

ER-01
SHEET
08
OF
100

POR STATE OF WASHINGTON ALL ENGINEERS TO NAL ENGINEERS

REVISIONS

DATE

6/8/2021 MJM

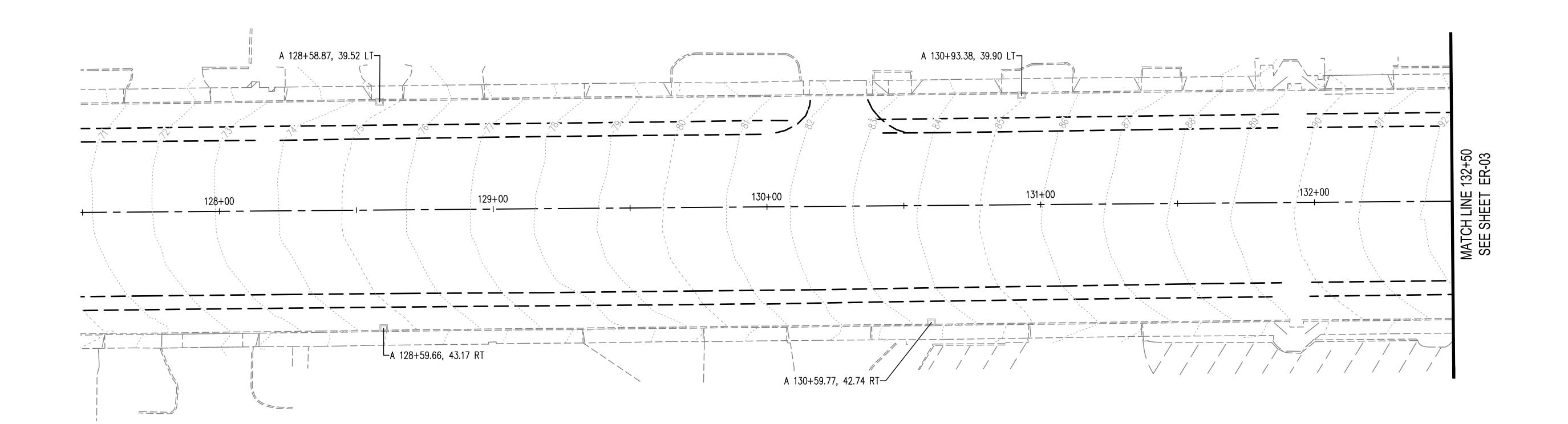
DESCRIPTION

ADDENDUM #1 — REPLACE SHEET

0 20 40
SCALE IN FEET

1. RESTORE DISTURBED AREA WITH TOPSOIL TYPE A.

2. RESTORE DISTURBED AREA WITH TOPSOIL TYPE A, SEEDING, FERTILIZER, AND MULCH. NO IRRIGATION OR SOIL AMENDMENTS REQUIRED.



Call 811 two business days before you dig

	market.	
كد	MICHAEL	
	OF WASA	
73	A STATE OF THE PARTY OF THE PAR	
	5 2 片	
7	PSIONAL ENGINE	Ô
•	SSION ENGINE	ک.
·	OVAL EL DO	
	6	

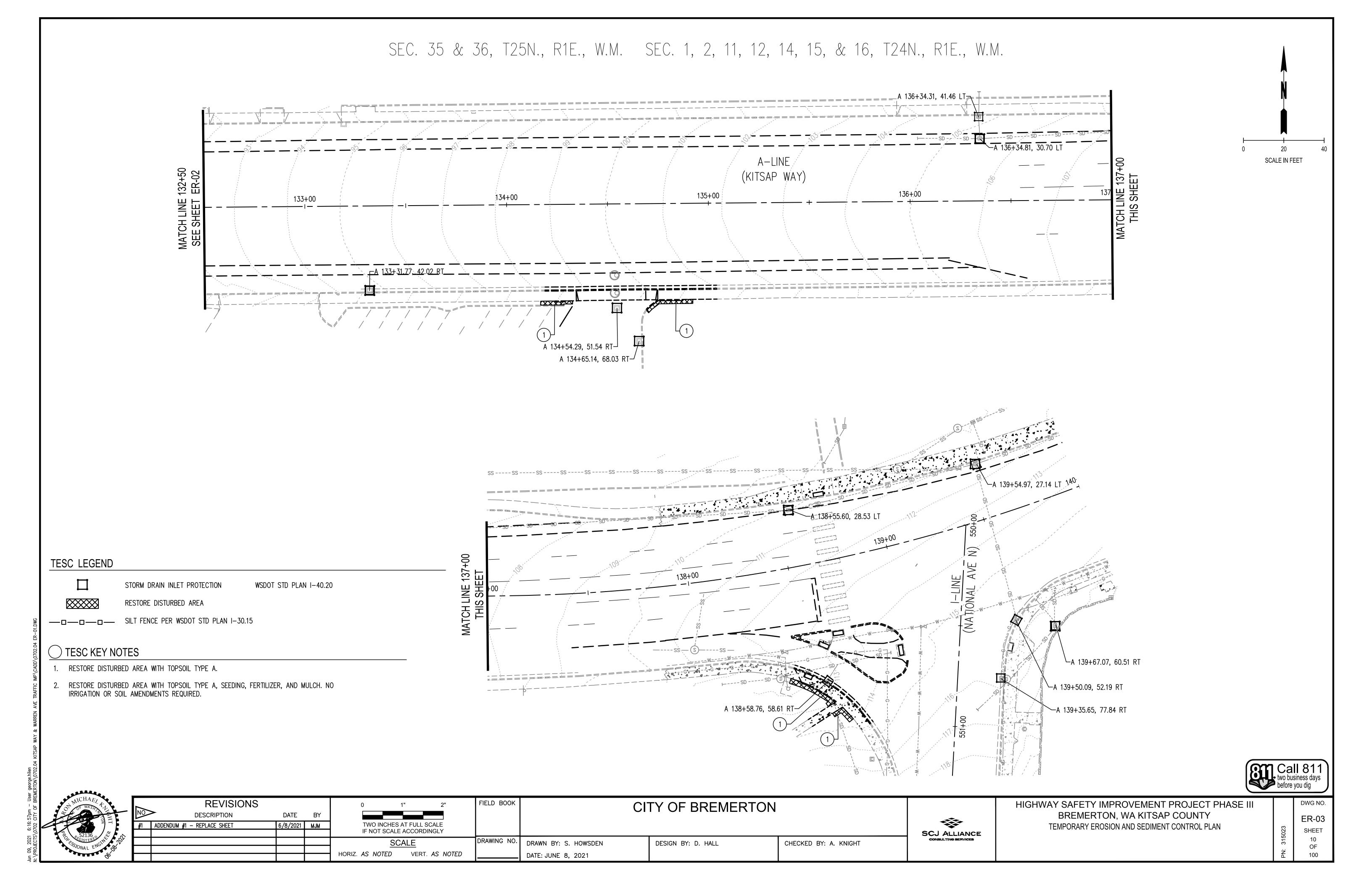
	REVISIONS	REVISIONS		0 1" 2"	FIELD BOOK	Cl ⁻	TY OF BREMERTON	
>	DESCRIPTION	DATE	BY			O1	I I OI BILLINEILI OIL	
A[DDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE				
				IF NOT SCALE ACCORDINGLY				
				SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT
				HORIZ. AS NOTED VERT. AS NOTED		DATE: ILINE 8 2021		

	HIGHWAY SAFETY IMPROVEMENT PRO
	BREMERTON, WA KITSAP CO
	TEMPORARY EROSION AND SEDIMENT CON-
SCJ ALLIANCE CONSULTING SERVICES	

ROJECT PHASE III
OUNTY
ONTROL PLAN

ER-02
SHEET

09
OF
100



TESC LEGEND		SEC. 35 & 36, T25N., R1E., W.M.	SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.
	STORM DRAIN INLET PROTECTION WSDOT STD PLAN I-40.20		
	RESTORE DISTURBED AREA		
	SILT FENCE PER WSDOT STD PLAN I-30.15		

I I O 20 4
SCALE IN FEET

TESC KEY NOTES

1. RESTORE DISTURBED AREA WITH TOPSOIL TYPE A.

2. RESTORE DISTURBED AREA WITH TOPSOIL TYPE A, SEEDING, FERTILIZER, AND MULCH. NO IRRIGATION OR SOIL AMENDMENTS REQUIRED.

0-LINE				
				A 177+24.85, 33.91 LT
A-LINE				8
(KITSAP WAY)			TA-LINE (KITSAP WAY)	
	174+00	175+00	176+00	177+00
ss + ss			ssssssssssssss	ssssssssssssss
VMMM	A 1-74+41.48, 32.23 RT	-/-m/m/-m/m/m/m/m/m/	m+mmm	M-/M
				A 177+26.40, 32.14 RT

Eq. Call 8 two business	11 days
before you di	days g

CHAE	ee.	I
WASAY	1	
	THE	
52136 -		
2136 ESTERED	GINE SOIL	
NAL EN	,	

70	REVISIONS DESCRIPTION	DATE	BY	0 1" 2"	FIELD BOOK	CI	TY OF BREMERTON		-~-
# 1	ADDENDUM #1 — REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE					
				IF NOT SCALE ACCORDINGLY					SCJ ALLIANCE
				<u>SCALE</u>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
									1
				HORIZ. <i>AS NOTED</i> VERT. <i>AS NOTED</i>		DATE: JUNE 8, 2021			1

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III
BREMERTON, WA KITSAP COUNTY
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

SHEET NOT USED

Call 811 two business days before you dig

POR RESIDENCE TO THE STORY ALL ENGINEERS TO NAL ENGINEERS

0 1" 2"
TWO INCHES AT FULL SCALE
IF NOT SCALE ACCORDINGLY

SCALE
HORIZ. AS NOTED VERT. AS NOTED

DRAWING NO. DRAWN BY: S. HOWSDEN

DRAWN BY: S. HOWSDEN DESIGN BY: D. HALL
DATE: JUNE 8, 2021

CITY OF BREMERTON

CHECKED BY: A. KNIGHT

SCJ ALLIANCE CONSULTING SERVICES

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY NOT USED DWG NO.

ER-05

SHEET

12

OF

100



SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

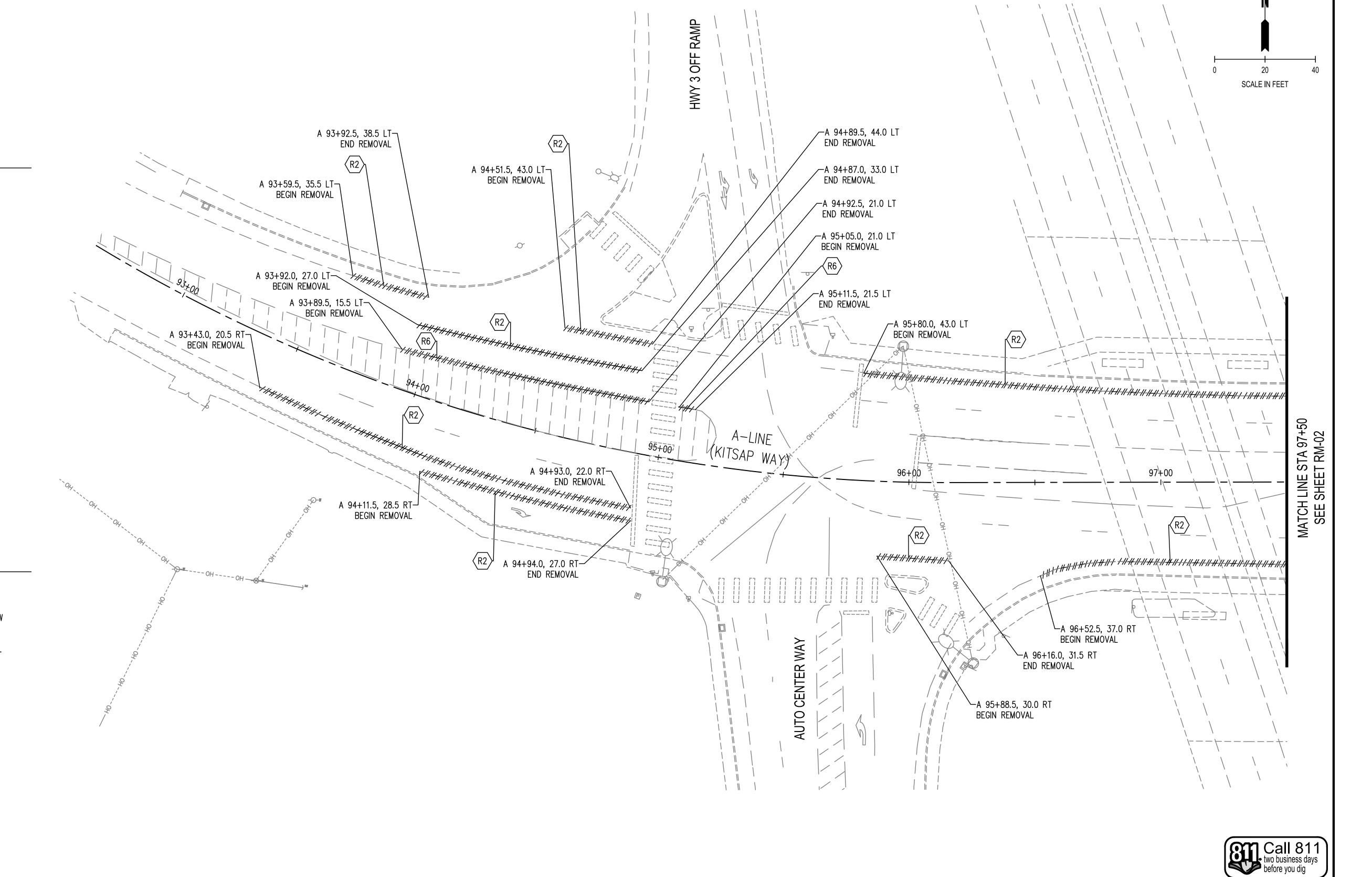
REMOVING PAVEMENT MARKINGS PER KEY NOTES

REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.



SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.



REVISIONS FIELD BOOK CITY OF BREMERTON DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY DRAWING NO. SCALE DRAWN BY: S. HOWSDEN DESIGN BY: D. HALL CHECKED BY: A. KNIGHT HORIZ. AS NOTED VERT. AS NOTED DATE: JUNE 8, 2021

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND FOUNDATION.
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

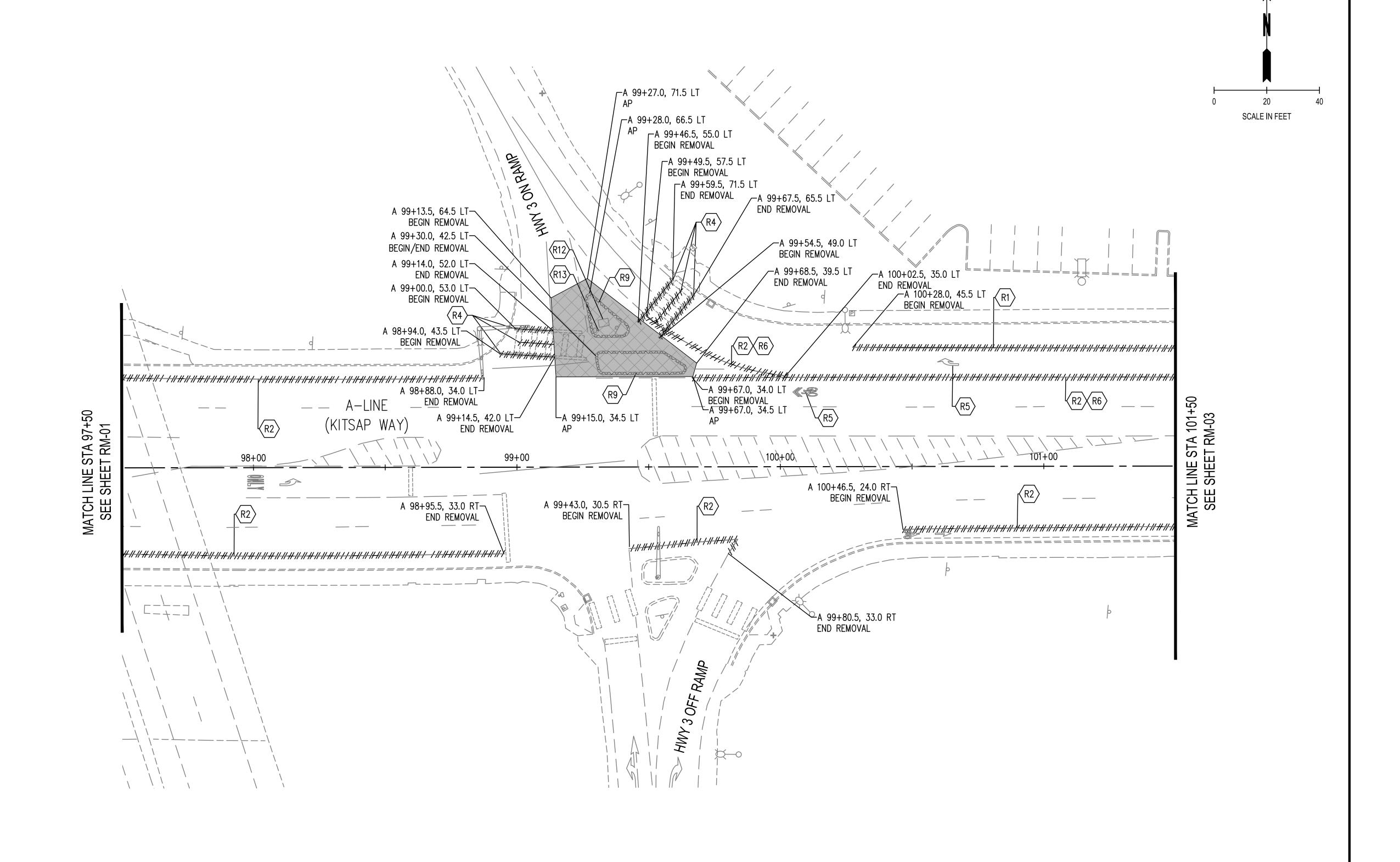
PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

GENERAL NOTES

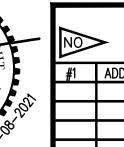
SEE SHEET ADA-01 FOR RECONSTRUCTION OF PEDESTRIAN ISLAND.

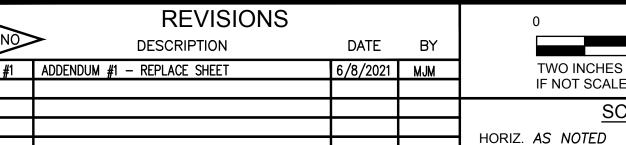
SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.



المراجع والمحاود	MICHA OF WAS	ELK	
S		ON	T
O. C.	SIONAL	ENGIN	







TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE VERT. AS NOTED

FIELD BOOK DRAWING NO.

DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

DESIGN BY: D. HALL CHECKED BY: A. KNIGHT

CITY OF BREMERTON



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES



ASPHALT CONCRETE REMOVAL



CEMENT CONCRETE SIDEWALK REMOVAL



CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

(R-) REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND FOUNDATION.
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

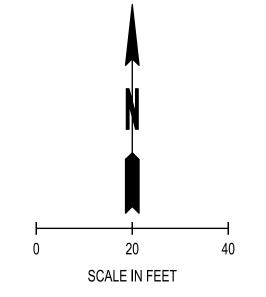
PAVEMENT MARKING REMOVAL NOTES

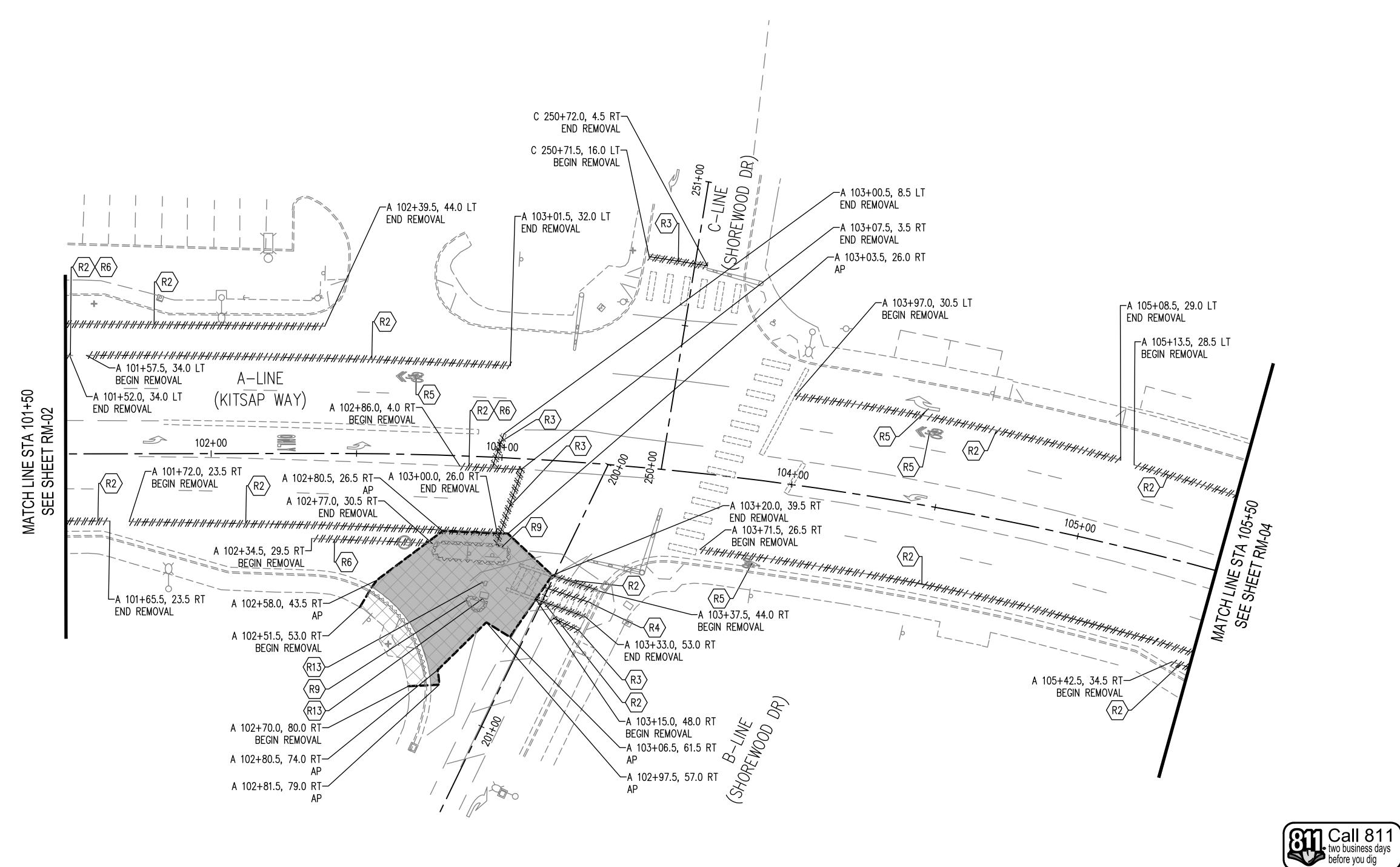
- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

GENERAL NOTES

SEE SHEET ADA-02 FOR RECONSTRUCTION OF PEDESTRIAN ISLAND AND

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.







REVISIONS DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE

HORIZ. AS NOTED

VERT. AS NOTED

DRAWING NO. DRAWN BY: S. HOWSDEN

FIELD BOOK

DESIGN BY: D. HALL DATE: JUNE 8, 2021

CITY OF BREMERTON

CHECKED BY: A. KNIGHT

SCJ ALLIANCE

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

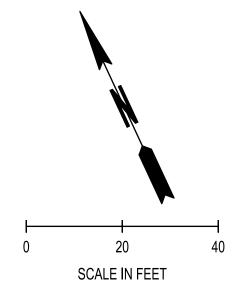
REMOVAL KEY NOTES

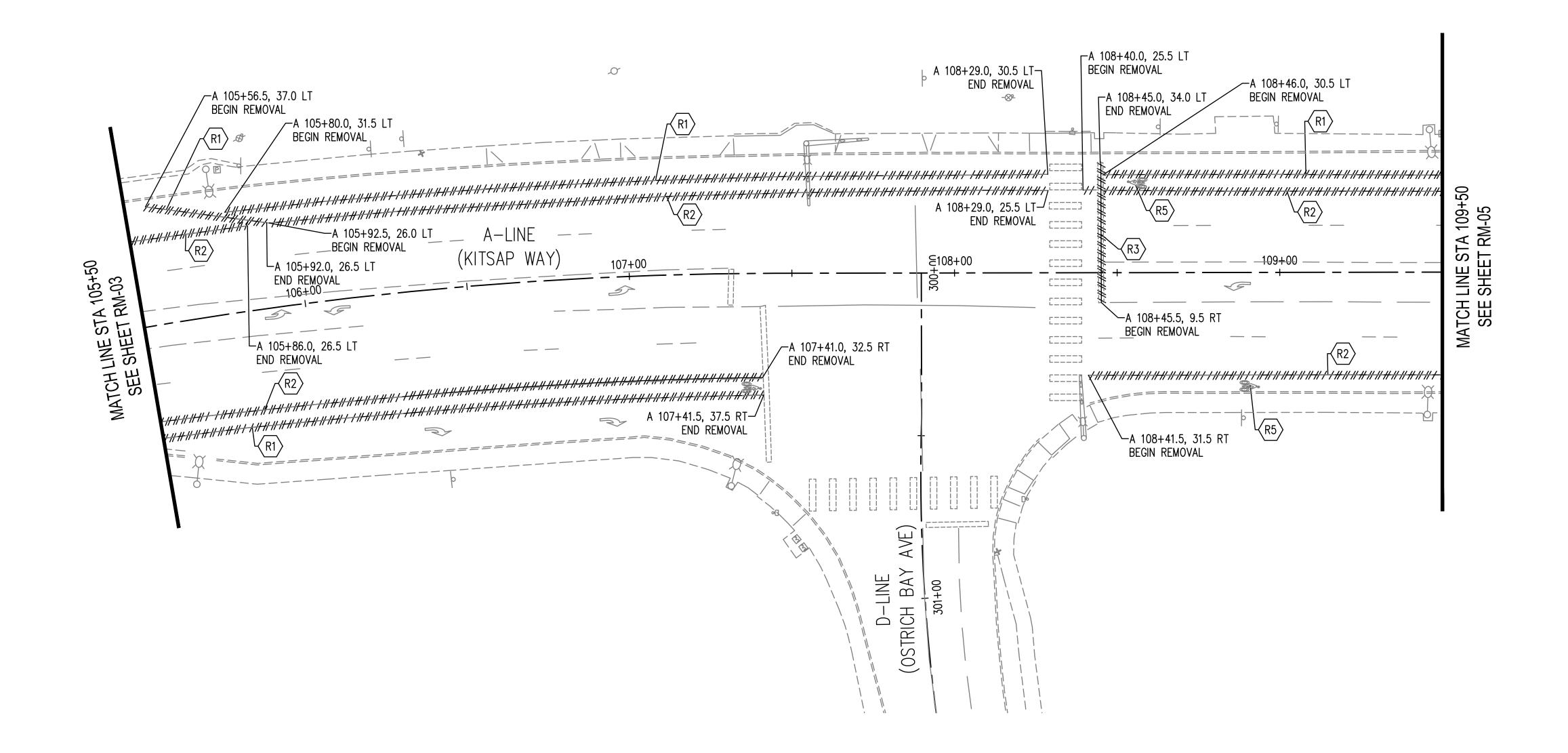
- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND FOUNDATION.
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.





Call 811 two business days before you dig

•	MICHAEL TO WASA	
	A STATE OF WASANGE	
	SONAL ENGINEER OF	>

REVISIONS			0	1" 2"
DESCRIPTION	DATE	BY		
ADDENDUM #1 - REPLACE SHEET	6/8/2021	МЈМ		AT FULL SCALE E ACCORDINGLY
			SC	CALE
			HORIZ. AS NOTED	VERT. AS N

VERT. AS NOTED

DRAWING NO. DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

FIELD BOOK

CHECKED BY: A. KNIGHT DESIGN BY: D. HALL

CITY OF BREMERTON

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN



SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

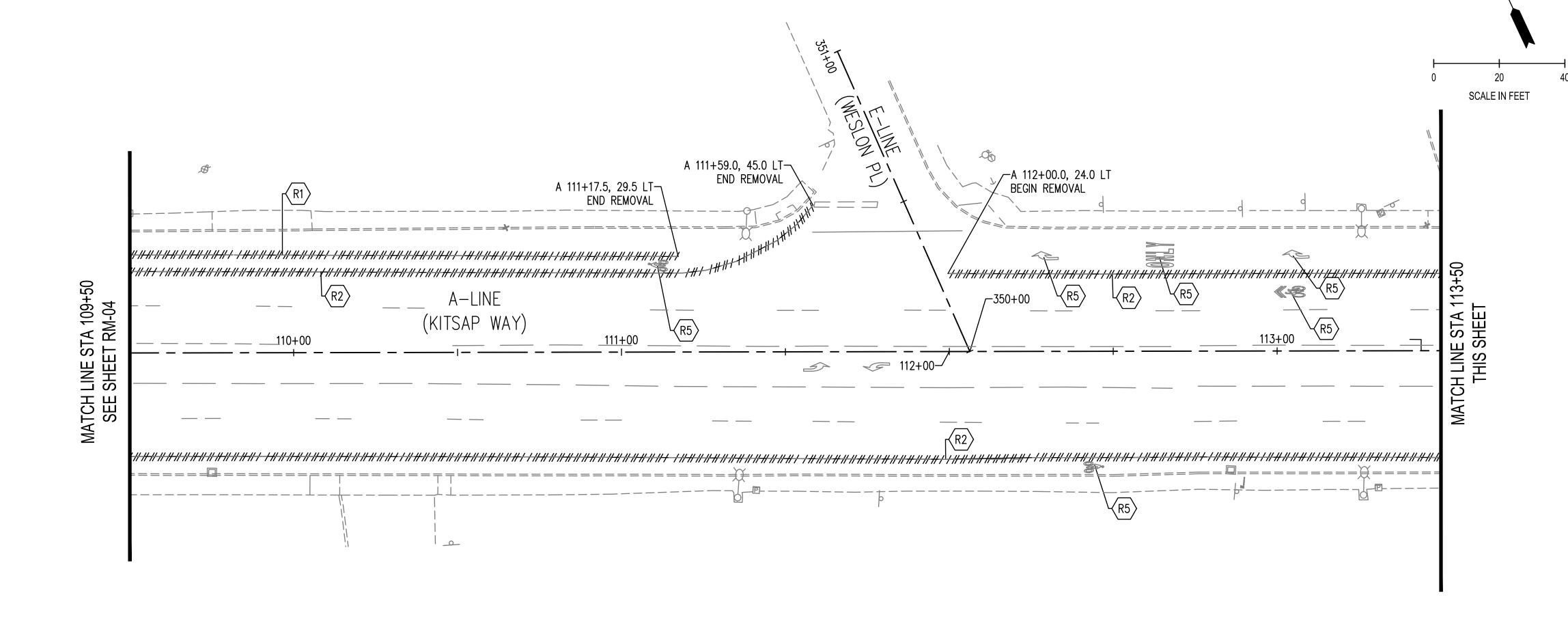
REMOVAL KEY NOTES

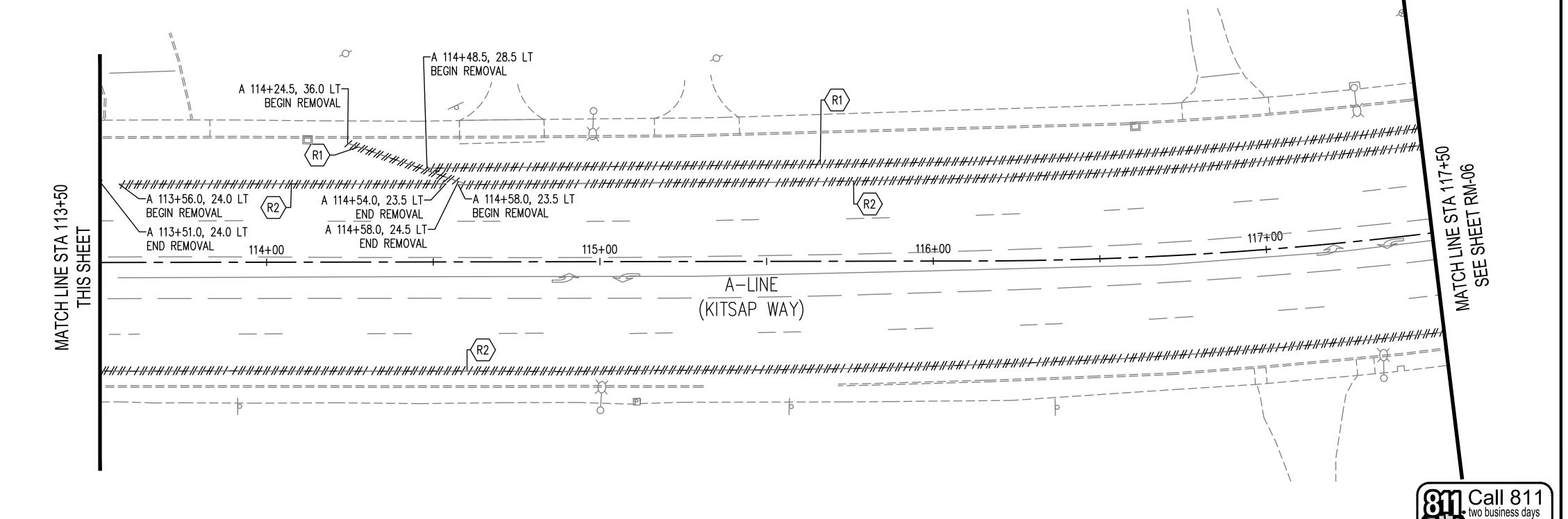
- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.





CHECKED BY: A. KNIGHT



REVISIONS DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM SCALE VERT. AS NOTED HORIZ. AS NOTED

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY FIELD BOOK

DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

DRAWING NO.

DESIGN BY: D. HALL

CITY OF BREMERTON

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

DWG NO. RM-05 SHEET

SAWCUT (TYP)

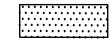
REMOVING CEMENT CONC. CURBING PER KEY NOTES



ASPHALT CONCRETE REMOVAL



CEMENT CONCRETE SIDEWALK REMOVAL



CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

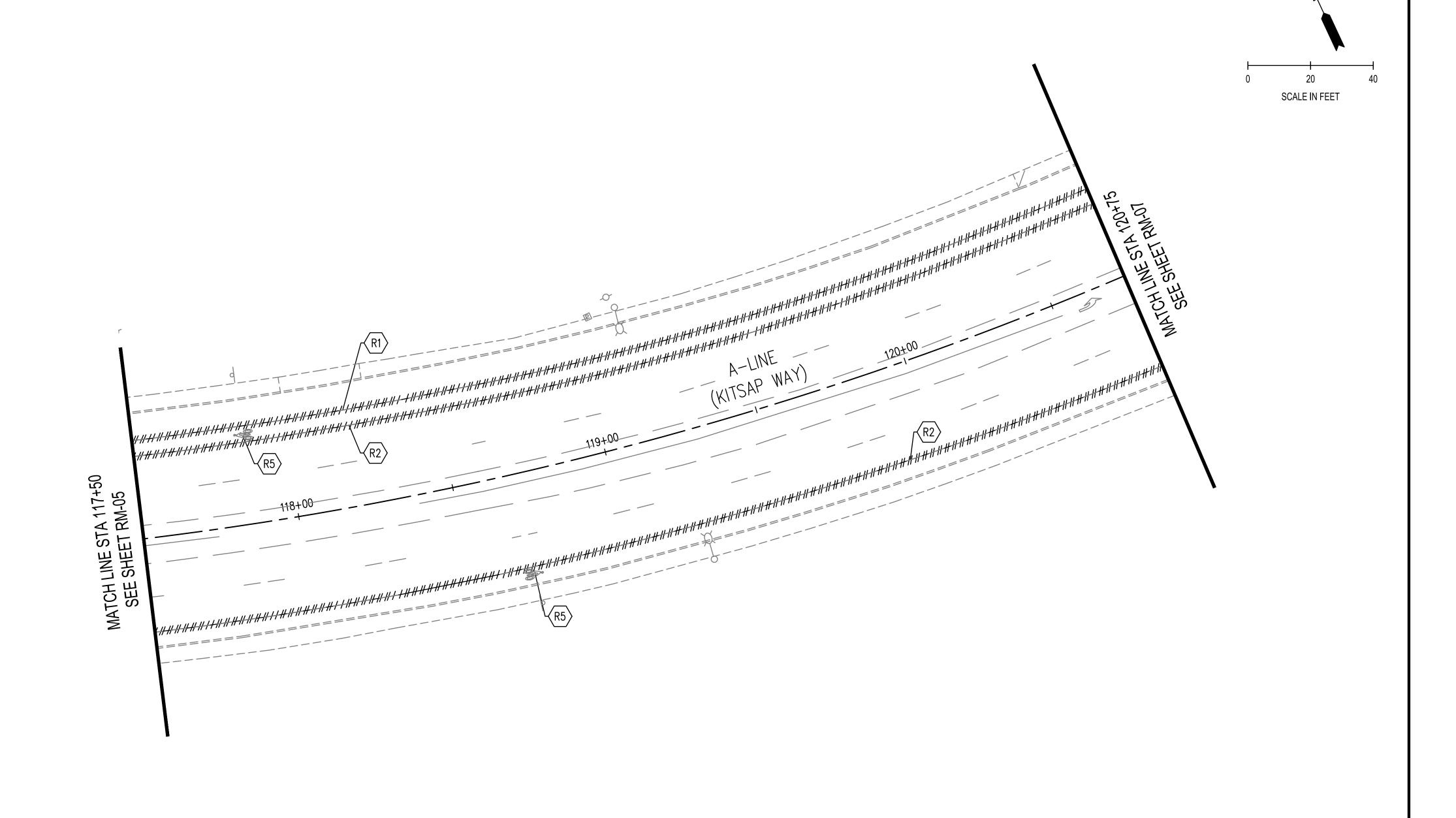
REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.



DIVENIENT	OF WASHING
5	OF WASHIN
5	
70	2 × 2
	52136 2
JEO 13 (01.02	P 52136 P STEP STORY
5	21.50

REVISIONS DESCRIPTION DATE BY #1 ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM SCALE HORIZ. AS NOTED VERT. AS NOTED

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY

DRAWING NO. DRAWN BY: S. HOWSDEN DATE: JUNE 8, 2021

FIELD BOOK

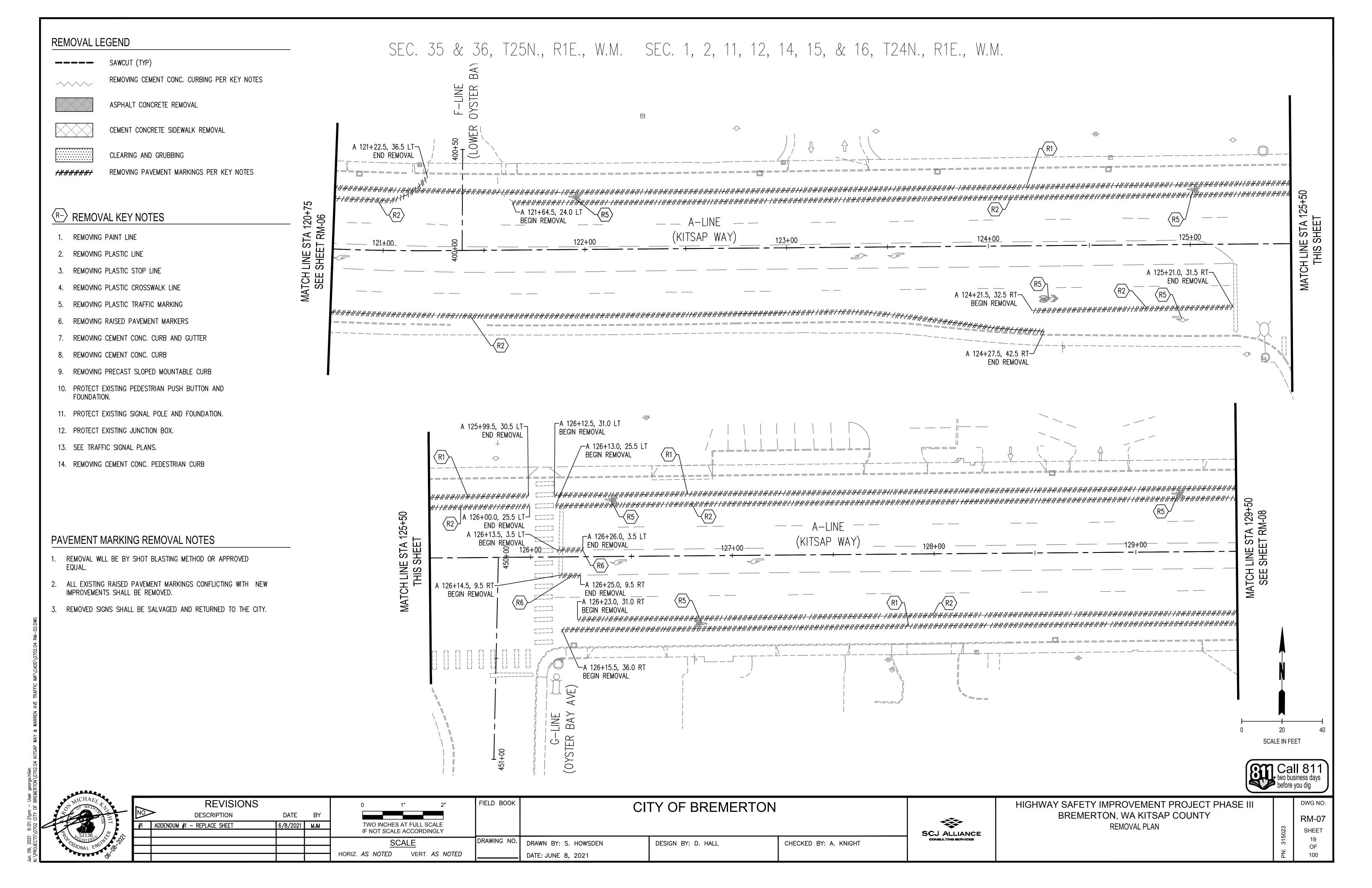
DESIGN BY: D. HALL

CITY OF BREMERTON

CHECKED BY: A. KNIGHT

SCJ ALLIANCE CONSULTING SERVICES REMOVAL PLAIN

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III
BREMERTON, WA KITSAP COUNTY
REMOVAL PLAN



REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

⟨R-⟩ REMOVAL KEY NOTES

1. REMOVING PAINT LINE

2. REMOVING PLASTIC LINE

3. REMOVING PLASTIC STOP LINE

4. REMOVING PLASTIC CROSSWALK LINE

5. REMOVING PLASTIC TRAFFIC MARKING

6. REMOVING RAISED PAVEMENT MARKERS

7. REMOVING CEMENT CONC. CURB AND GUTTER

8. REMOVING CEMENT CONC. CURB

9. REMOVING PRECAST SLOPED MOUNTABLE CURB

10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND

11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.

12. PROTECT EXISTING JUNCTION BOX.

13. SEE TRAFFIC SIGNAL PLANS.

14. REMOVING CEMENT CONC. PEDESTRIAN CURB

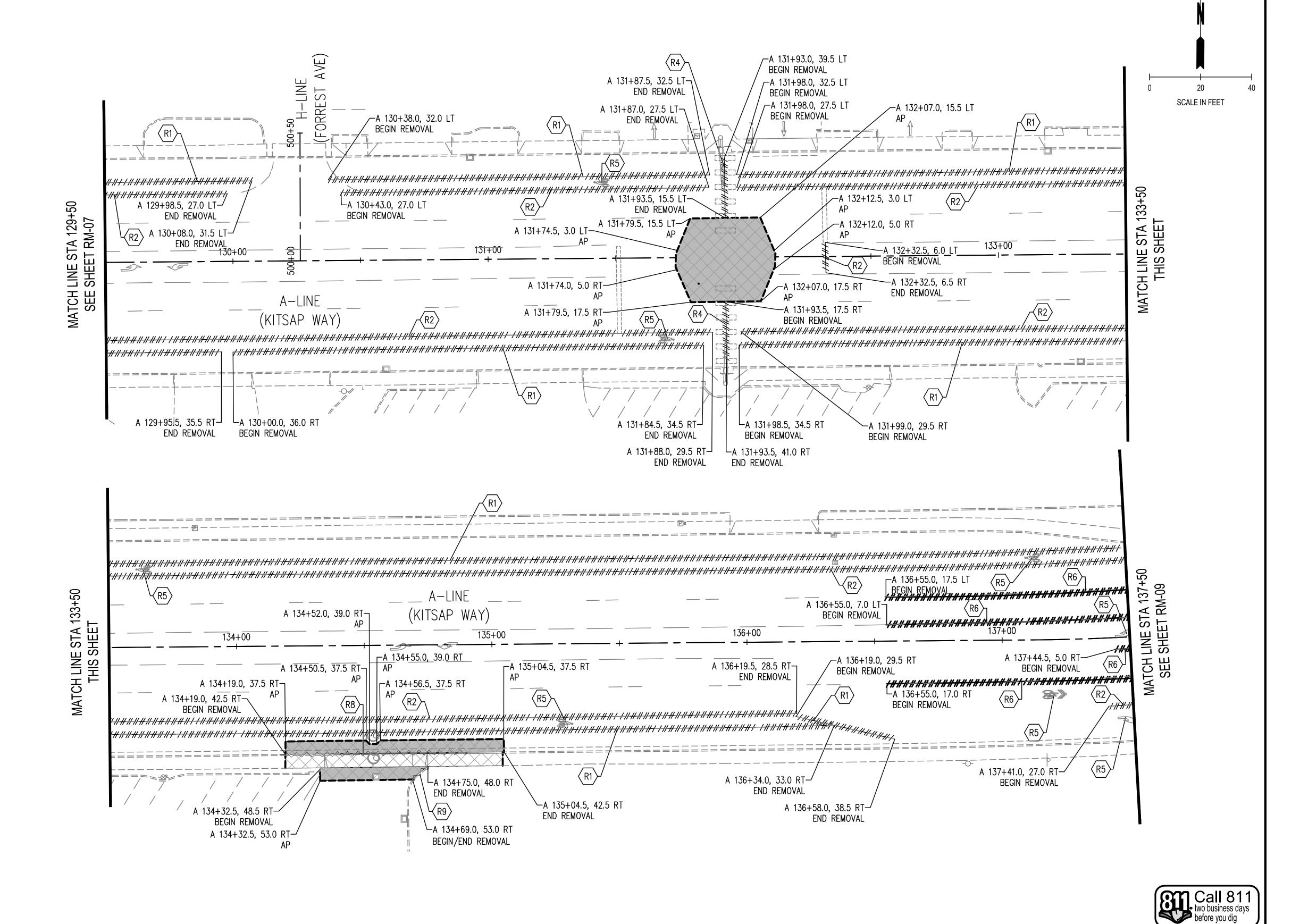
PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

GENERAL NOTES

- SEE SHEET ADA-03 FOR RECONSTRUCTION OF PEDESTRIAN ISLAND.
- 2. SEE SHEET ADA-04 FOR RECONSTRUCTION OF DRIVEWAY.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.



CHECKED BY: A. KNIGHT



REVISIONS DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE HORIZ. AS NOTED VERT. AS NOTED

FIELD BOOK DRAWING NO. DRAWN BY: S. HOWSDEN DESIGN BY: D. HALL

DATE: JUNE 8, 2021

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

DWG NO. RM-08 SHEET

CITY OF BREMERTON

REMOVING CEMENT CONC. CURBING PER KEY NOTES



ASPHALT CONCRETE REMOVAL



CEMENT CONCRETE SIDEWALK REMOVAL



CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

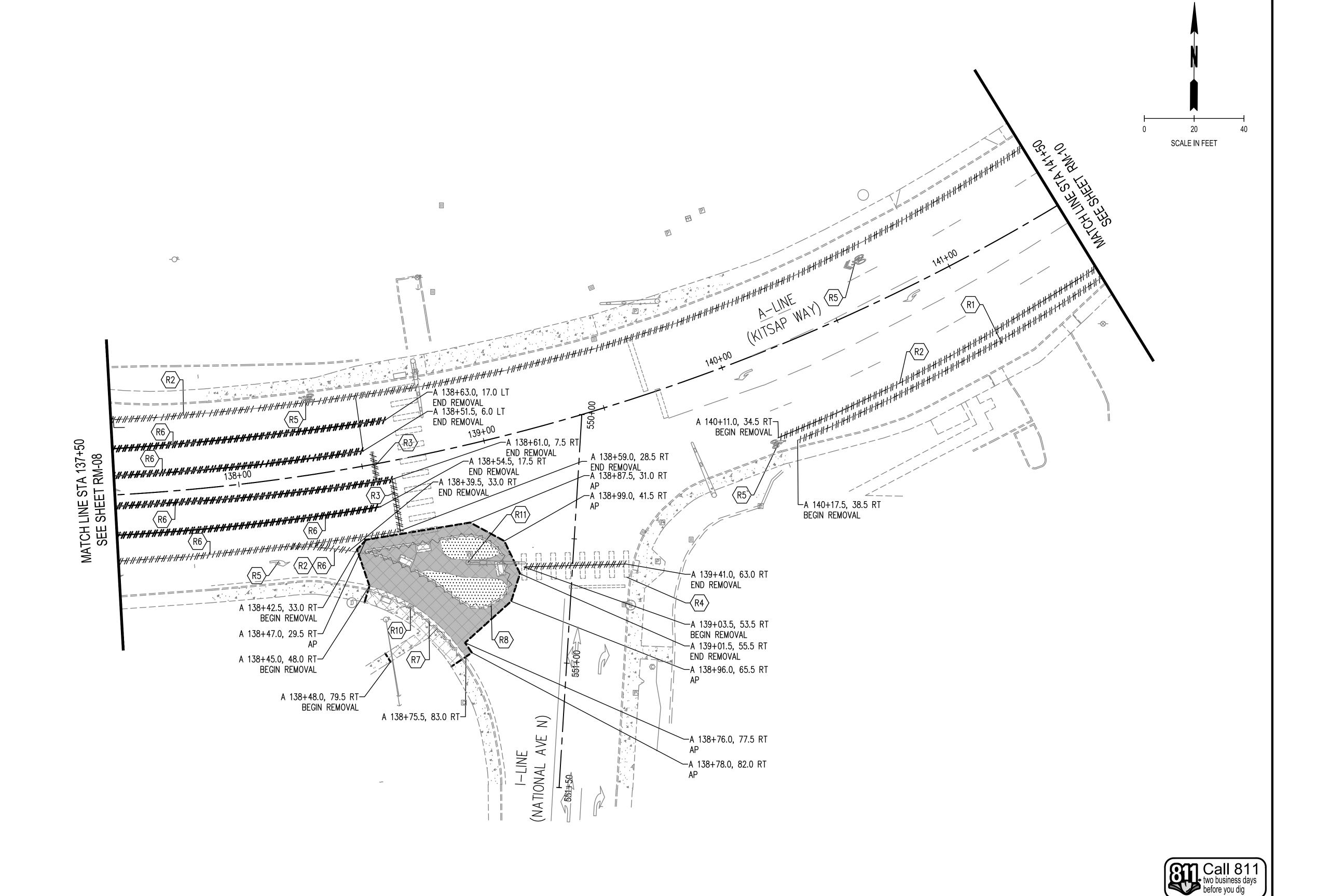
PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

GENERAL NOTES

1. SEE SHEET ADA-05 FOR RECONSTRUCTION OF PEDESTRIAN ISLAND.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.





REVISIONS DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM HORIZ. AS NOTED

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE VERT. AS NOTED

DRAWING NO. DRAWN BY: S. HOWSDEN DATE: JUNE 8, 2021

FIELD BOOK

CITY OF BREMERTON CHECKED BY: A. KNIGHT DESIGN BY: D. HALL

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

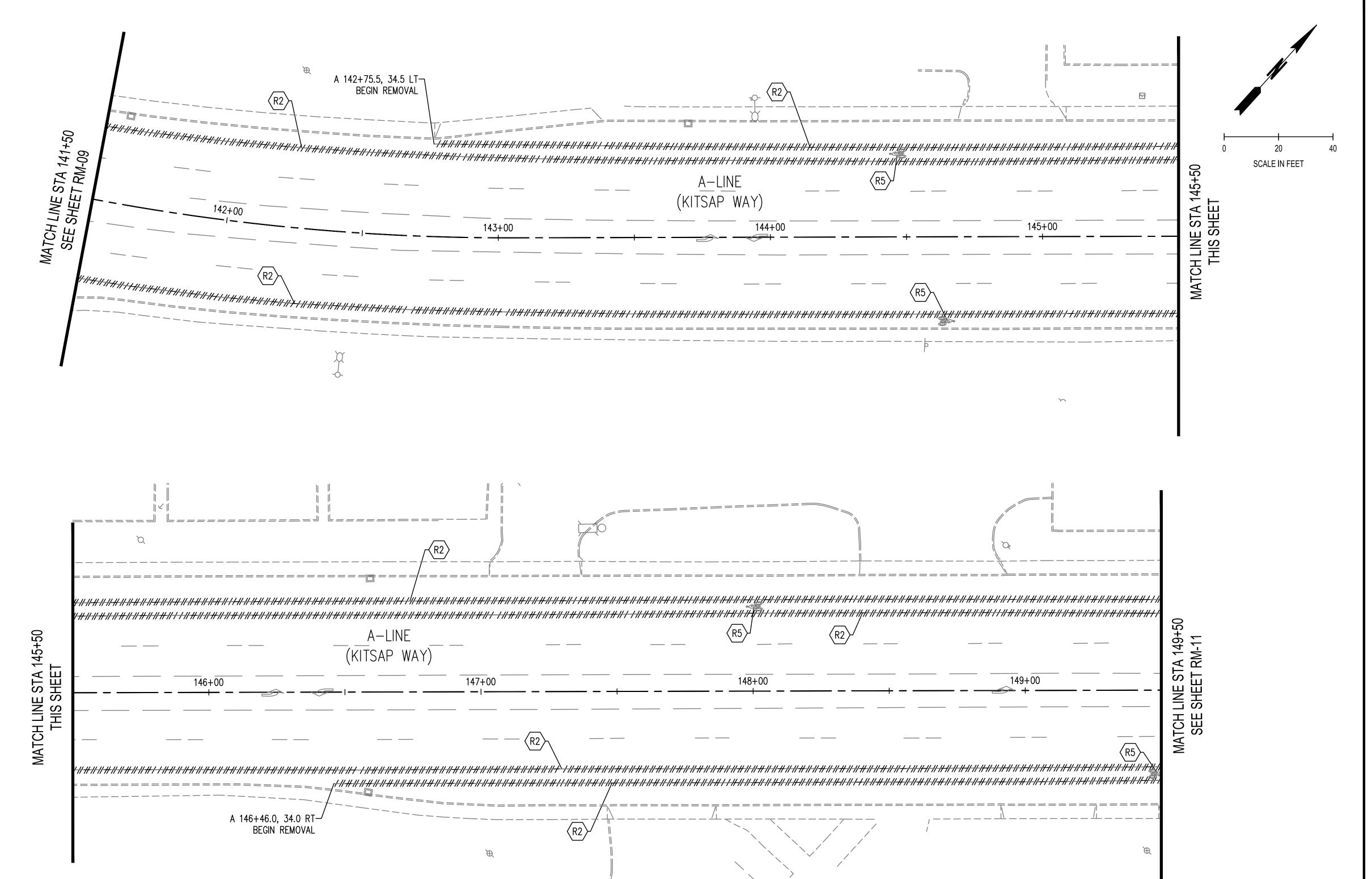
REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.



CHECKED BY: A. KNIGHT

	ع		لعو	
و	ON N	OF WAS	ELK	Le La
4	200		YON	HT &
3	PROKES	S2136 COISTES ONAL	ENGIN	
		44	-	%

	<u>/2</u>	>
	#1	ADDENDUM
<i>E</i> 📐		
701		
k		

REVISIONS			0
DESCRIPTION	DATE	BY	
DDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCH
			IF NOT SCA
			HORIZ AS NOTED

HES AT FULL SCALE CALE ACCORDINGLY **SCALE**

VERT. AS NOTED

DRAWING NO. DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

FIELD BOOK

DESIGN BY: D. HALL

CITY OF BREMERTON

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

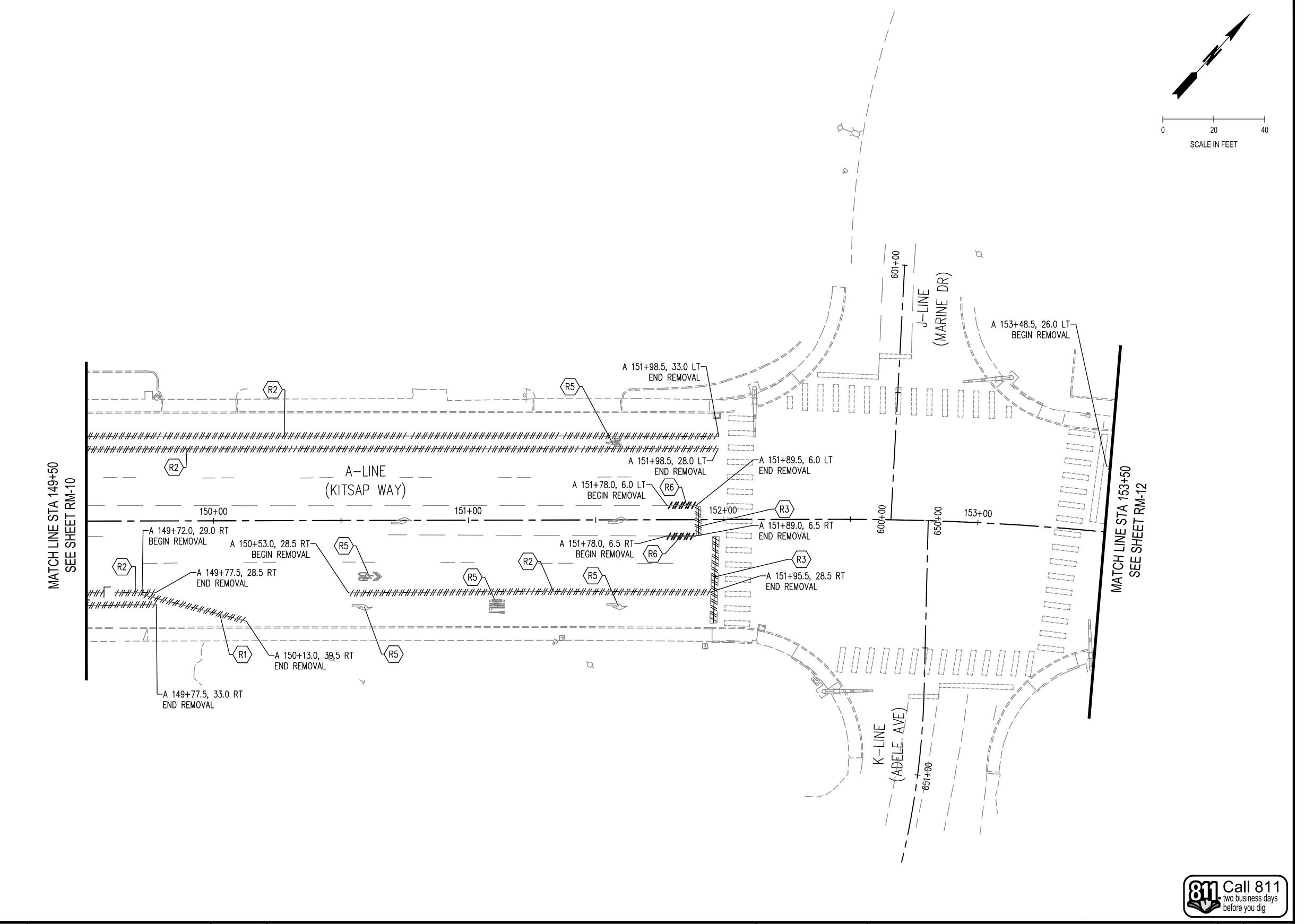
REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.



CHECKED BY: A. KNIGHT



REVISIONS DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM SCALE HORIZ. AS NOTED VERT. AS NOTED

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY

FIELD BOOK CITY OF BREMERTON DRAWING NO. DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

DESIGN BY: D. HALL

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN



SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

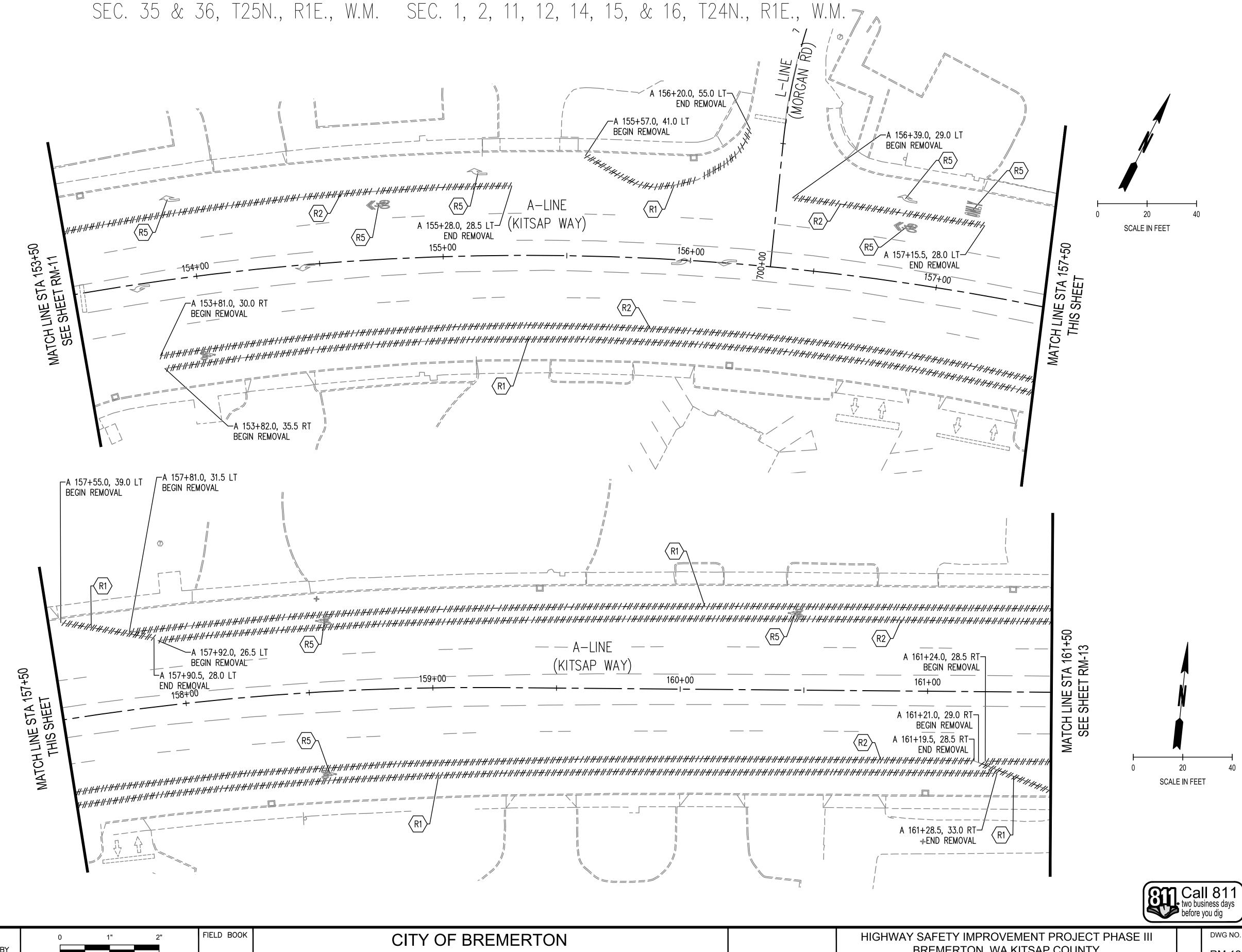
REMOVING PAVEMENT MARKINGS PER KEY NOTES

REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.



CHECKED BY: A. KNIGHT



REVISIONS DESCRIPTION ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM

DATE

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE VERT. AS NOTED HORIZ. AS NOTED

DRAWING NO.

DRAWN BY: S. HOWSDEN DATE: JUNE 8, 2021

DESIGN BY: D. HALL

SCJ ALLIANCE CONSULTING SERVICES BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

DWG NO. RM-12 SHEET

SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

.....

CLEARING AND GRUBBING

| || || || || ||

REMOVING PAVEMENT MARKINGS PER KEY NOTES

REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND FOUNDATION.
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- 1. REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED EQUAL.
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

REVISIONS

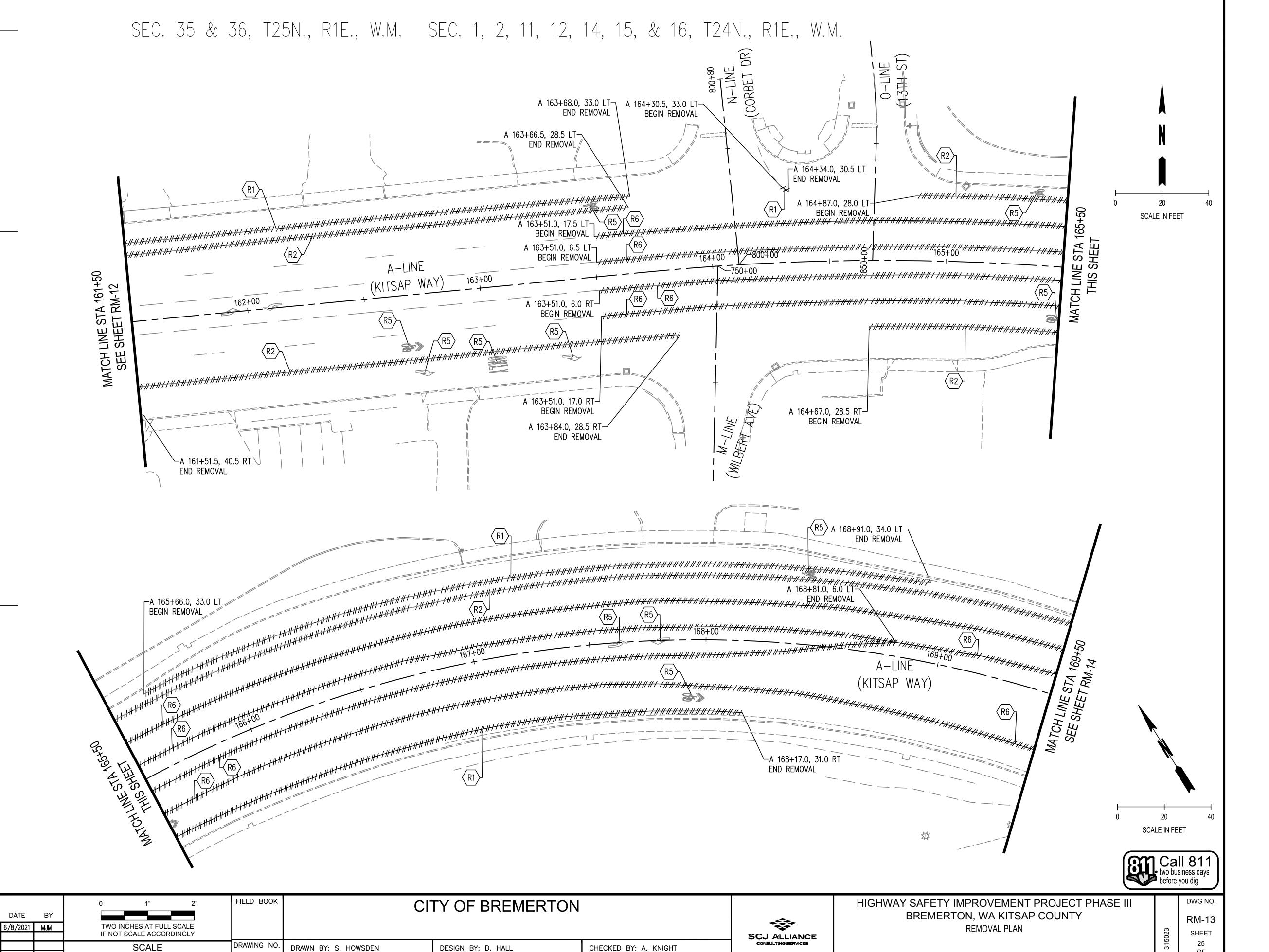
VERT. AS NOTED

DATE: JUNE 8, 2021

HORIZ. AS NOTED

DESCRIPTION

ADDENDUM #1 - REPLACE SHEET





WING WALL OF THE PARTY OF THE P

SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL

CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

PAVEMENT MARKING REMOVAL NOTES

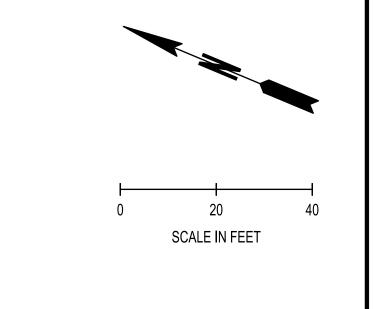
- 1. REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED EQUAL.
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

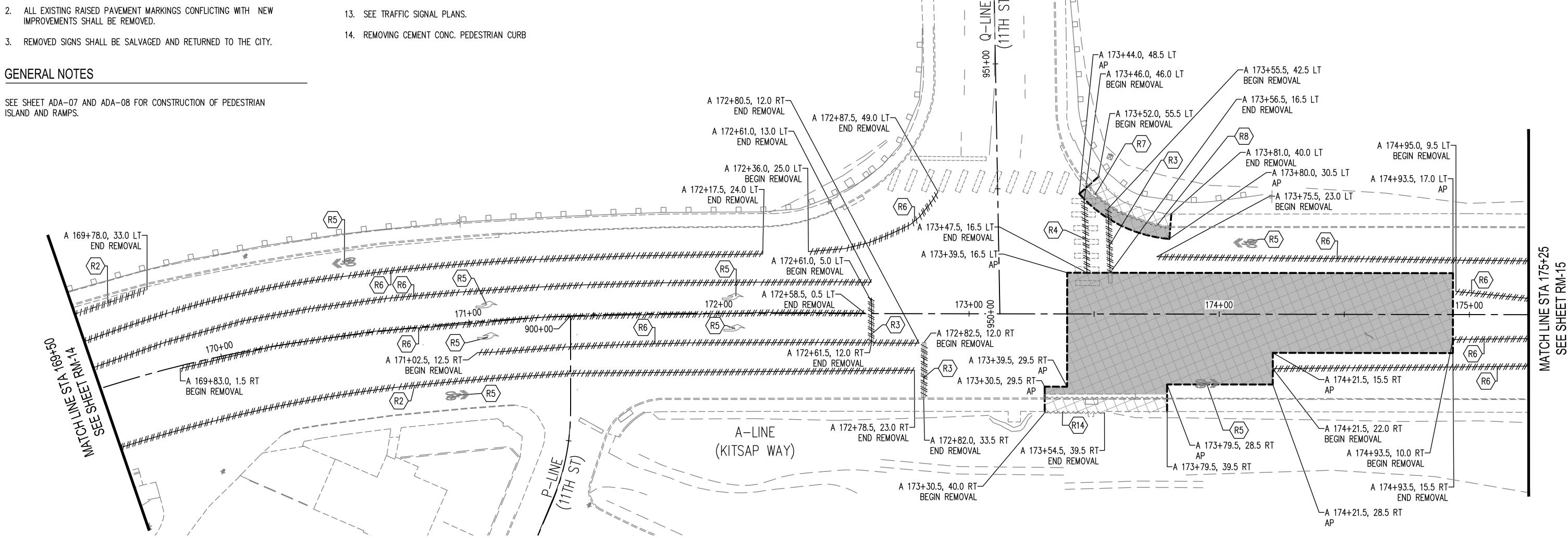
GENERAL NOTES

ISLAND AND RAMPS.

REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND FOUNDATION.
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB





DESIGN BY: D. HALL



REVISIONS DESCRIPTION DATE TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM SCALE

FIELD BOOK CITY OF BREMERTON

DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

DRAWING NO.

VERT. AS NOTED

HORIZ. AS NOTED

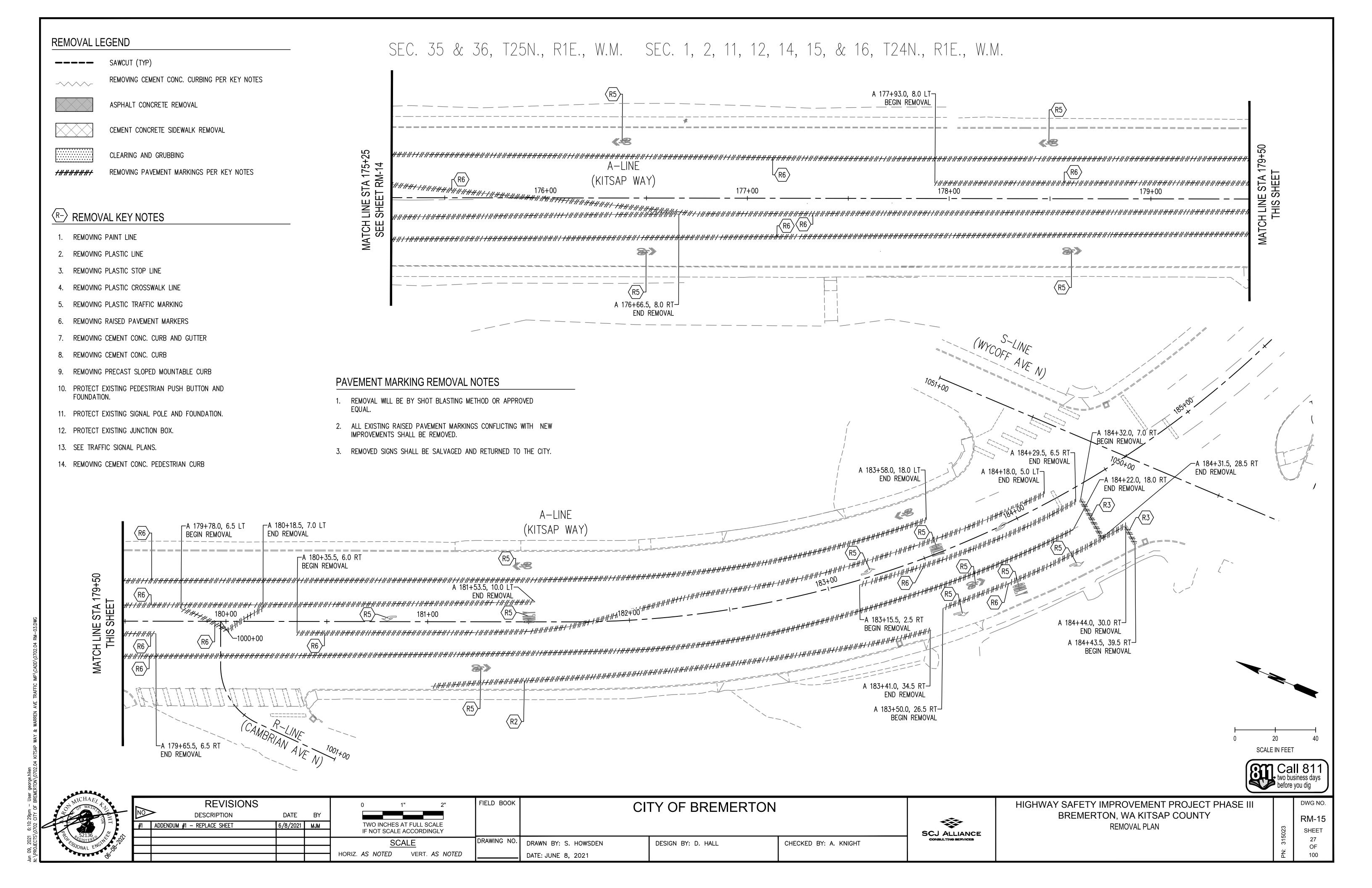
SCJ ALLIANCE CONSULTING SERVICES

CHECKED BY: A. KNIGHT

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

	DWG NO
1: 315023	RM-14 SHEET 26 OF
P. S.	100

Call 811 two business days before you dig



---- SAWCUT

REMOVING CEMENT CONC. CURBING PER KEY NOTES

ASPHALT CONCRETE REMOVAL



CEMENT CONCRETE SIDEWALK REMOVAL

CLEARING AND GRUBBING

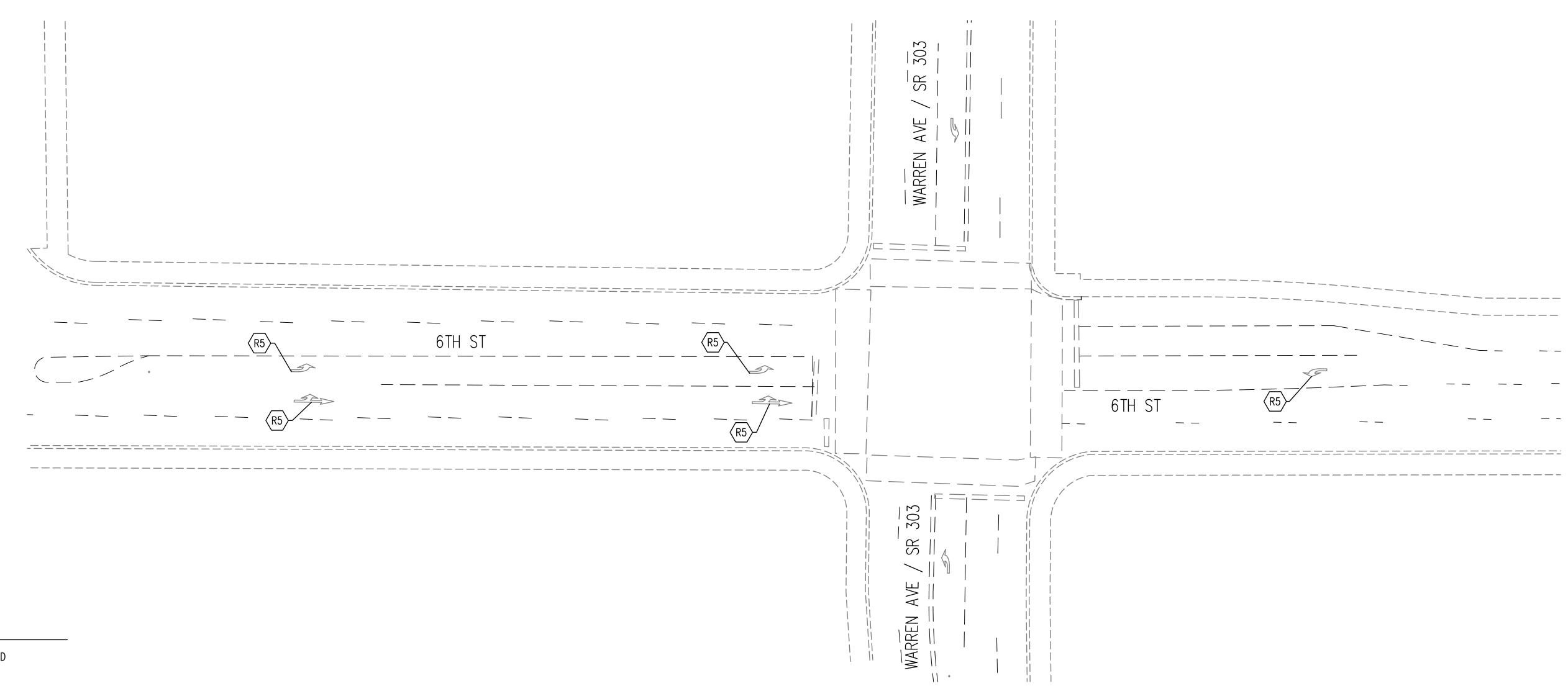
REMOVING PAVEMENT MARKINGS PER KEY NOTES

REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND FOUNDATION.
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.

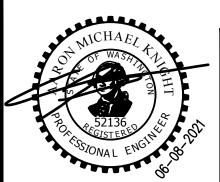




PAVEMENT MARKING REMOVAL NOTES

- 1. REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED EQUAL.
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.





	REVISIONS			0 1" 2"	FIELD BOOK	CI.	TY OF BREMERTON	
9	DESCRIPTION	DATE	BY			O1	I I OI BIXEMEIXION	
l	ADDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE				
				IF NOT SCALE ACCORDINGLY				
				<u>SCALE</u>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021		

SCJ ALLIANCE CONSULTING SERVICES

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN DWG NO.

RM-16

SHEET

28

OF

100

SAWCUT (TYP)

REMOVING CEMENT CONC. CURBING PER KEY NOTES



ASPHALT CONCRETE REMOVAL



CEMENT CONCRETE SIDEWALK REMOVAL



CLEARING AND GRUBBING

REMOVING PAVEMENT MARKINGS PER KEY NOTES

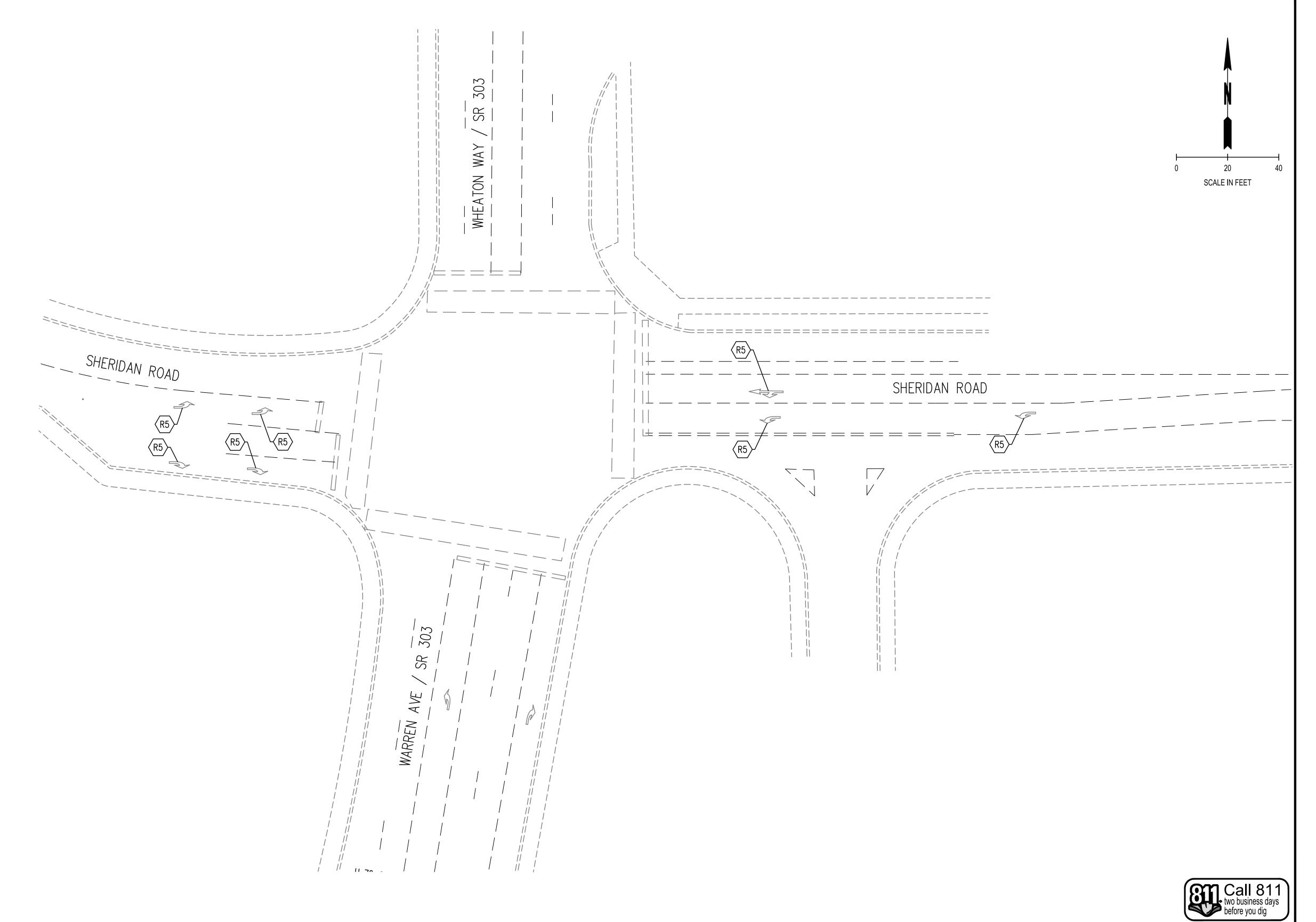
REMOVAL KEY NOTES

- 1. REMOVING PAINT LINE
- 2. REMOVING PLASTIC LINE
- 3. REMOVING PLASTIC STOP LINE
- 4. REMOVING PLASTIC CROSSWALK LINE
- 5. REMOVING PLASTIC TRAFFIC MARKING
- 6. REMOVING RAISED PAVEMENT MARKERS
- 7. REMOVING CEMENT CONC. CURB AND GUTTER
- 8. REMOVING CEMENT CONC. CURB
- 9. REMOVING PRECAST SLOPED MOUNTABLE CURB
- 10. PROTECT EXISTING PEDESTRIAN PUSH BUTTON AND
- 11. PROTECT EXISTING SIGNAL POLE AND FOUNDATION.
- 12. PROTECT EXISTING JUNCTION BOX.
- 13. SEE TRAFFIC SIGNAL PLANS.
- 14. REMOVING CEMENT CONC. PEDESTRIAN CURB

PAVEMENT MARKING REMOVAL NOTES

- REMOVAL WILL BE BY SHOT BLASTING METHOD OR APPROVED
- 2. ALL EXISTING RAISED PAVEMENT MARKINGS CONFLICTING WITH NEW IMPROVEMENTS SHALL BE REMOVED.
- 3. REMOVED SIGNS SHALL BE SALVAGED AND RETURNED TO THE CITY.

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.





The state of the s	
H	比
7.7	L
WEINE SOLL	┡
Me In & Sp	L
1 2 2 3 3 3 3 3 3 3 3 3 3	

THA	<u>/2</u>	>
H .	#1	ADDEN
~ .(\\v_		

REVISIONS DESCRIPTION DATE NDUM #1 - REPLACE SHEET 6/8/2021 MJM HORIZ. AS NOTED VERT. AS NOTED

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE

FIELD BOOK DRAWING NO.

DRAWN BY: S. HOWSDEN

DESIGN BY: D. HALL DATE: JUNE 8, 2021

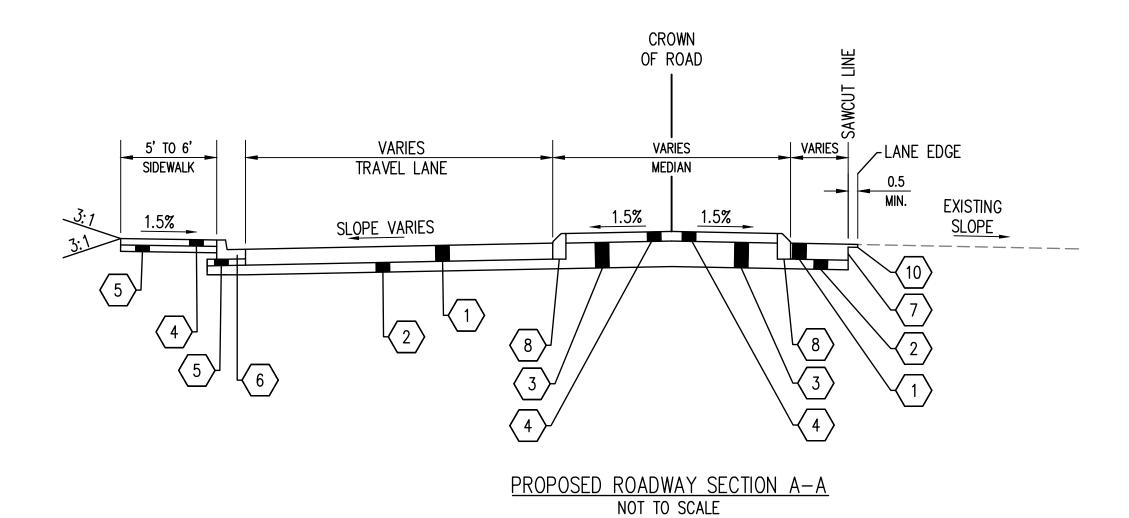
CHECKED BY: A. KNIGHT

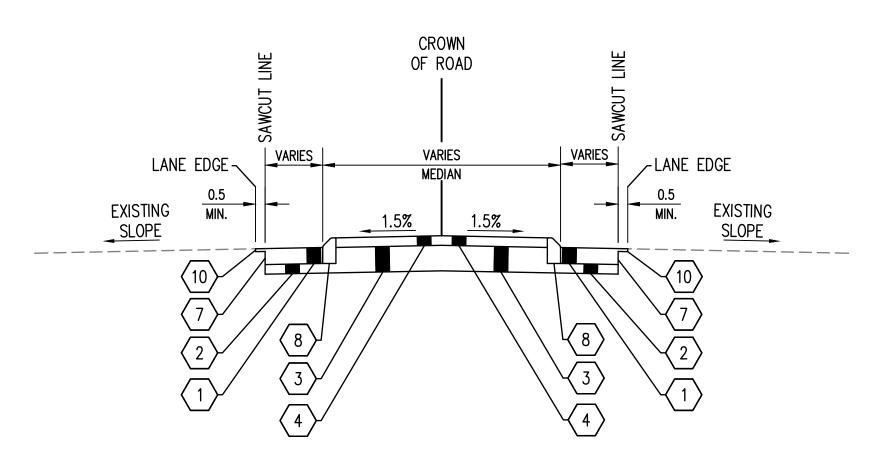
CITY OF BREMERTON



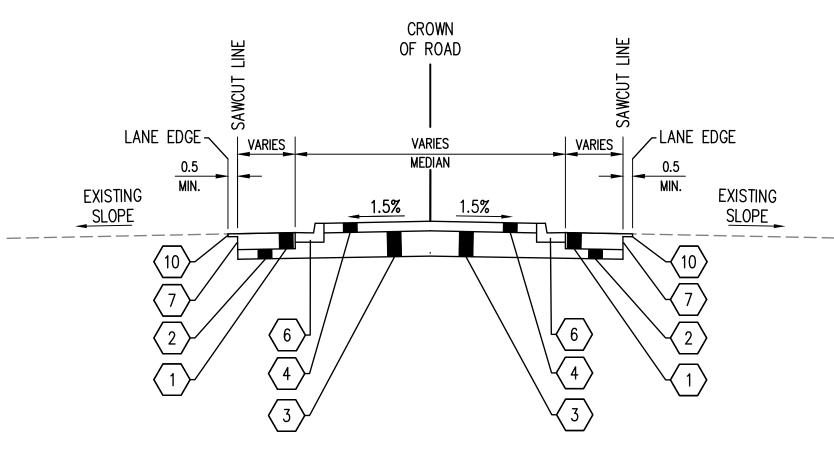
HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY REMOVAL PLAN

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.





PROPOSED ROADWAY SECTION B-B NOT TO SCALE



PROPOSED ROADWAY SECTION C-C NOT TO SCALE

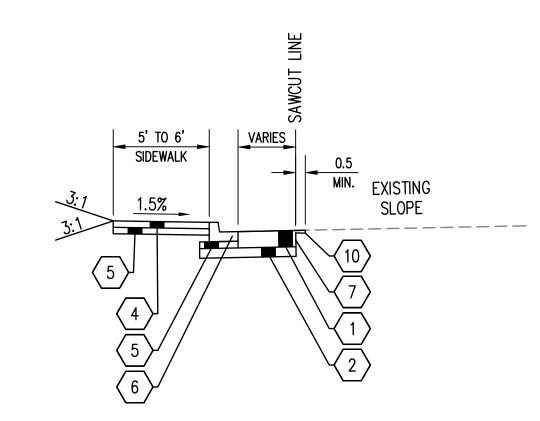
ROADWAY SECTION NOTES

1. CONCRETE SIDEWALKS SHALL BE REQUIRED AS NOTED IN BE CONSTRUCTED PER SECTION 8-14 OF THE WSDOT STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

2. LONGITUDINAL JOINTS FORMED FROM THE GRIND AND OVERLAY SHALL BE LOCATED AT THE EDGE LINE AS SHOWN ON THE CHANNELIZATION PLANS.

ROADWAY SECTION KEY NOTES

- $\left\langle 1 \right\rangle$ 0.83' COMMERCIAL HMA (CL 1/2 IN. PG 58H-22)
- 2 0.50' CRUSHED SURFACING TOP COURSE (CSTC)
- (3) 1.33' CRUSHED SURFACING TOP COURSE (CSTC)
- CEMENT CONC. SIDEWALK PER CITY OF BREMERTON STD DWG 3101
- 5 4" CRUSHED SURFACING TOP COURSE (CSTC)
- CEMENT CONCRETE CURB AND GUTTER TYPE A PER CITY OF BREMERTON STD DWG 3131.
- 7 SAWCUT EDGES SHALL BE SEALED.
- 8 MOUNTABLE CEMENT CONC. TRAFFIC CURB PER WSDOT STD PLAN F-10.12
- 9 NOTE NOT USED
- (10) 0.15' DEPTH GRIND AND OVERLAY



PROPOSED ROADWAY SECTION D-D NOT TO SCALE



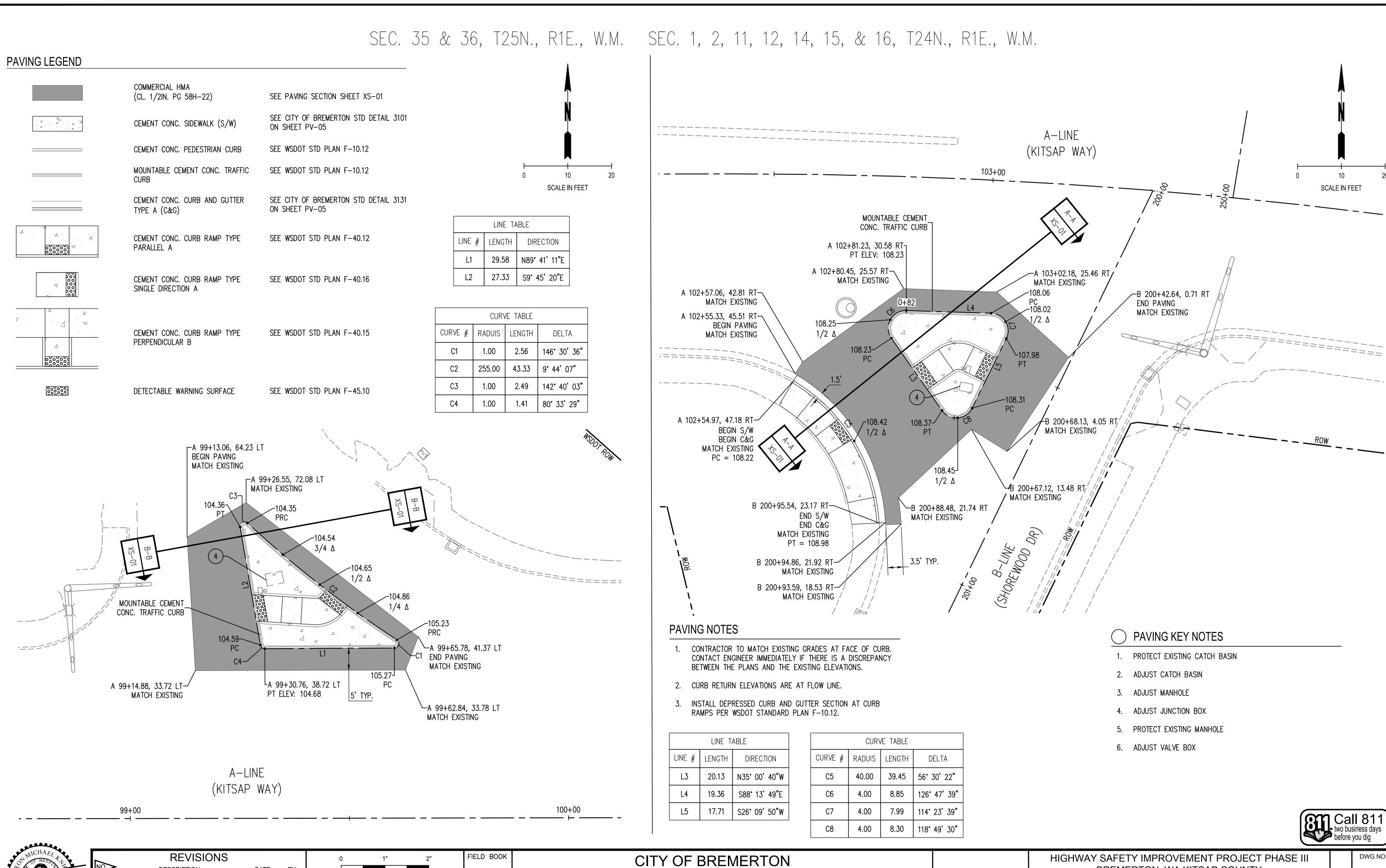
مو	MICHAEL OF WASA	ty
S. A. S.		TON HT
A RC	REGISTERED RESTONAL EN	ETHE POI

	REVISIONS			0 1" 2"	FIELD BOOK	CITY OF BREMERTON					
NO>	DESCRIPTION	DATE	BY						ı		
# 1	ADDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE							
				IF NOT SCALE ACCORDINGLY							
				SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	ı		
				HORIZ. AS NOTED VERT. AS NOTED					1		
·				T HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021					



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TYPICAL ROADWAY SECTIONS

DWG NO. XS-01 SHEET



DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM HORIZ. AS NOTED

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE

DRAWING NO. DRAWN BY: S. HOWSDEN VERT. AS NOTED DATE: JUNE 8, 2021

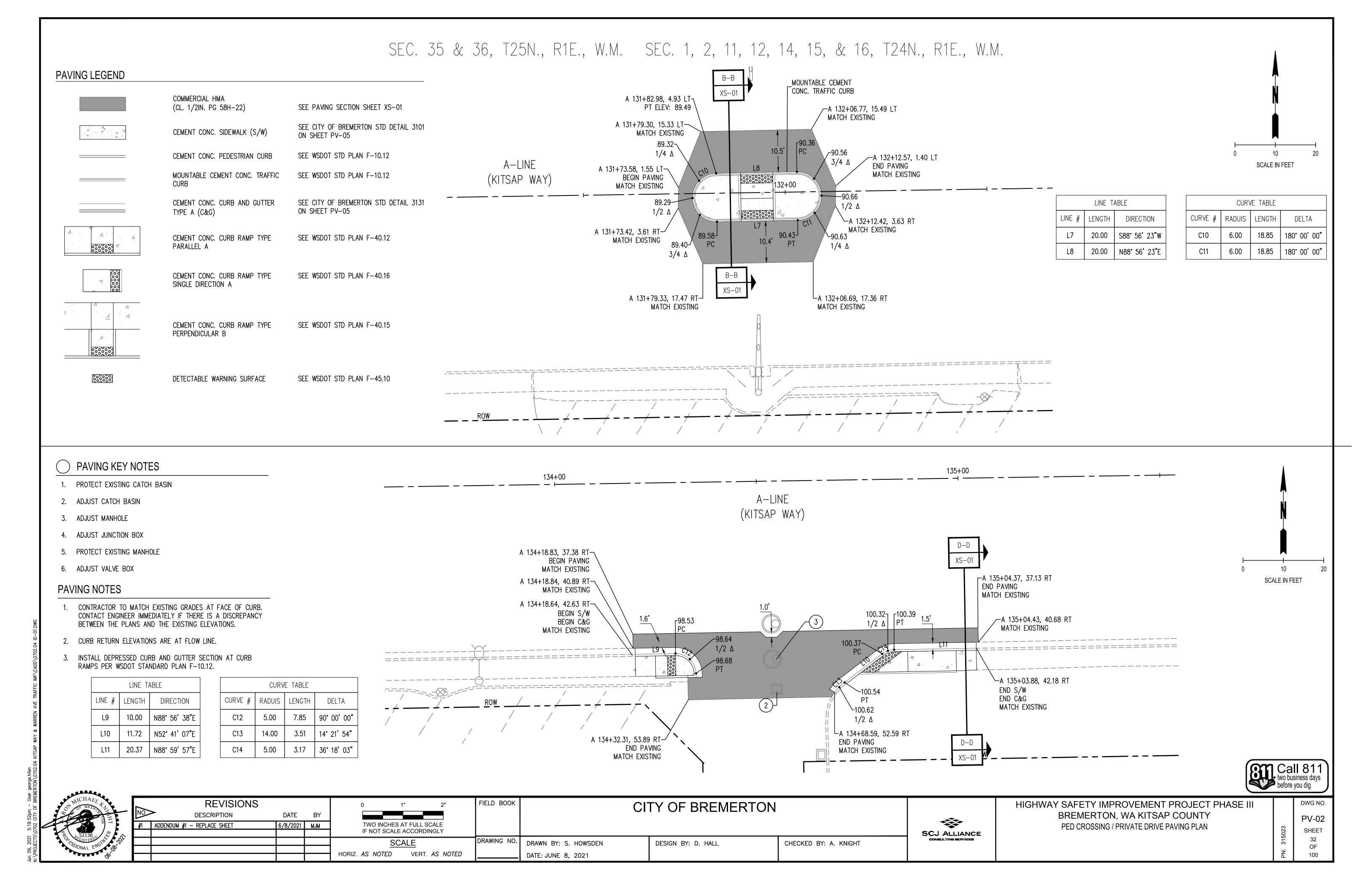
DESIGN BY: D. HALL



CHECKED BY: A. KNIGHT

BREMERTON, WA KITSAP COUNTY N SR3 ON-RAMP / SHOREWOOD PAVING PLAN

DWG NO. PV-01



PAVING LEGEND

COMMERCIAL HMA (CL. 1/2IN. PG 58H-22) SEE PAVING SECTION SHEET XS-01 SEE CITY OF BREMERTON STD DETAIL 3101 ON SHEET PV-05 CEMENT CONC. SIDEWALK (S/W) SEE WSDOT STD PLAN F-10.12 CEMENT CONC. PEDESTRIAN CURB MOUNTABLE CEMENT CONC. TRAFFIC SEE WSDOT STD PLAN F-10.12

> CEMENT CONC. CURB AND GUTTER SEE CITY OF BREMERTON STD DETAIL 3131 ON SHEET PV-05 TYPE A (C&G)

CEMENT CONC. CURB RAMP TYPE SEE WSDOT STD PLAN F-40.12 PARALLEL A

SEE WSDOT STD PLAN F-40.16 CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A

SEE WSDOT STD PLAN F-40.15 CEMENT CONC. CURB RAMP TYPE PERPENDICULAR B

99999 SEE WSDOT STD PLAN F-45.10 DETECTABLE WARNING SURFACE

PAVING KEY NOTES

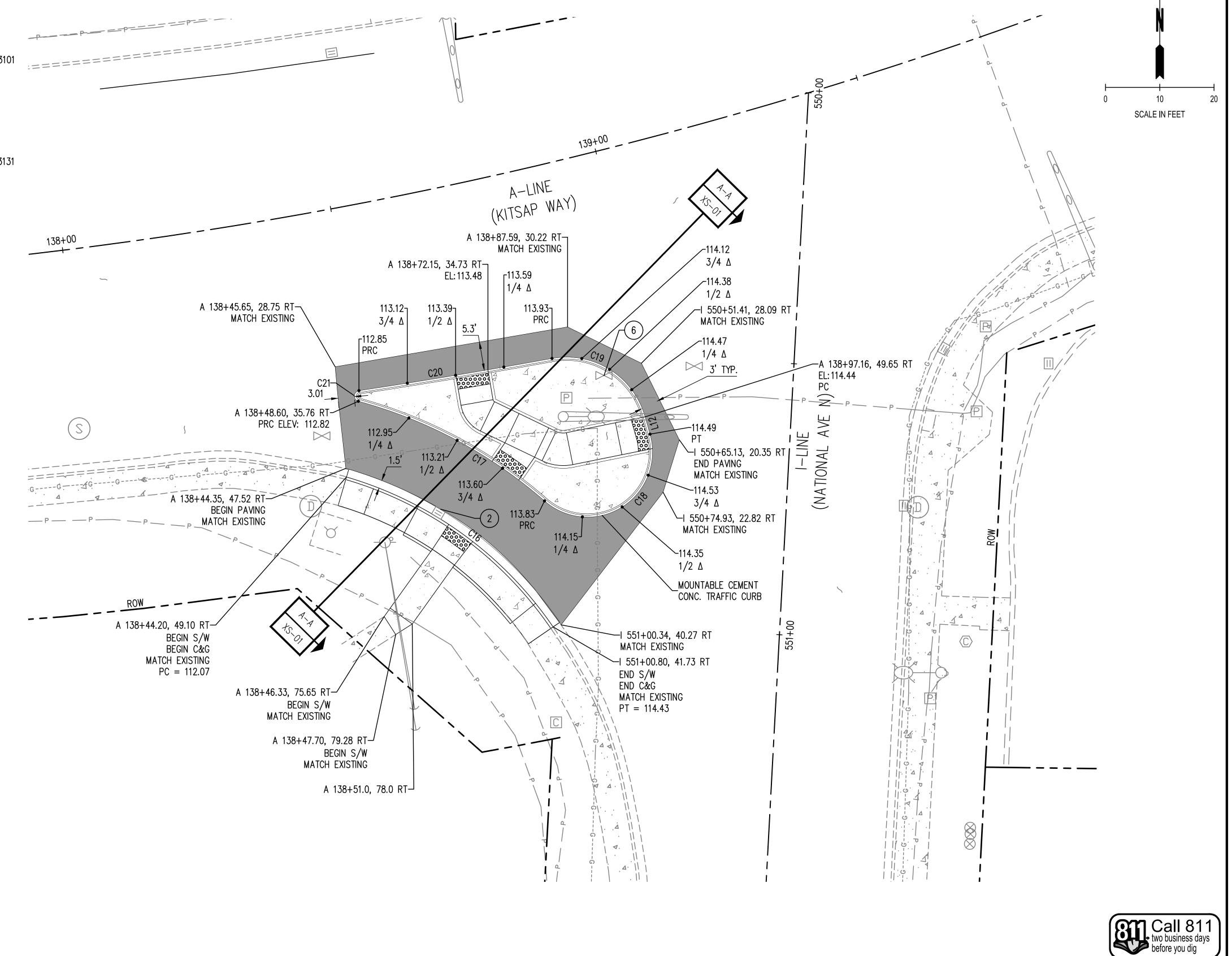
- 1. PROTECT EXISTING CATCH BASIN
- 2. ADJUST CATCH BASIN
- 3. ADJUST MANHOLE
- 4. ADJUST JUNCTION BOX
- 5. PROTECT EXISTING MANHOLE
- 6. ADJUST VALVE BOX

PAVING NOTES

- CONTRACTOR TO MATCH EXISTING GRADES AT FACE OF CURB. CONTACT ENGINEER IMMEDIATELY IF THERE IS A DISCREPANCY BETWEEN THE PLANS AND THE EXISTING ELEVATIONS.
- 2. CURB RETURN ELEVATIONS ARE AT FLOW LINE.
- 3. INSTALL DEPRESSED CURB AND GUTTER SECTION AT CURB RAMPS PER WSDOT STANDARD PLAN F-10.12.

LINE TABLE					
LINE #	LENGTH	DIRECTION			
L12	3.43	N15° 51' 20"W			

	CURVE TABLE						
CURVE #	RADUIS	LENGTH	DELTA				
C16	70.00	47.98	39° 16' 33"				
C17	86.00	39.26	26° 09' 17"				
C18	12.00	30.80	147° 04' 26"				
C19	15.00	22.12	84° 30′ 26″				
C20	1161.00	36.08	1° 46' 50"				
C21	1.00	2.73	156° 17' 14"				

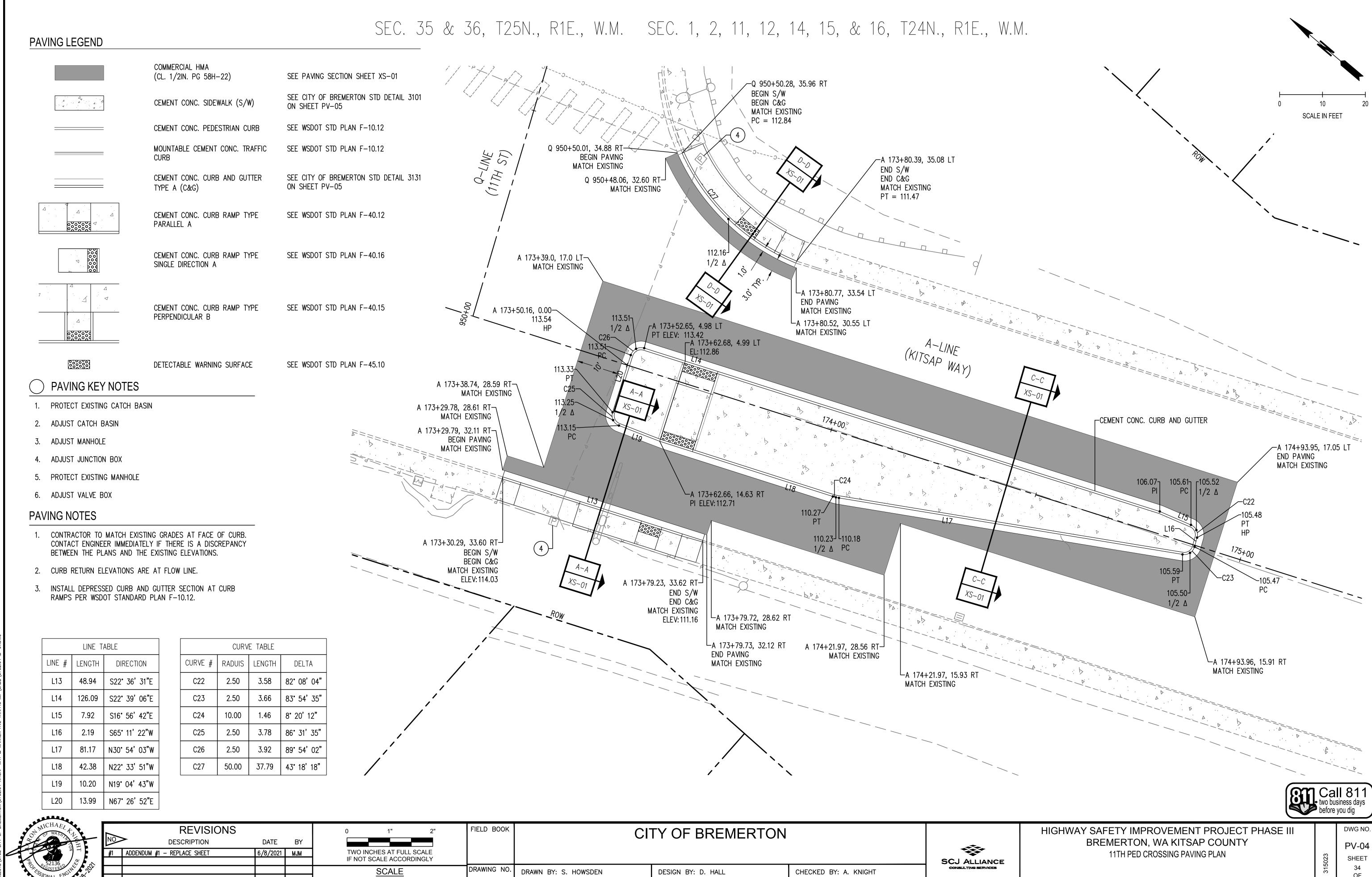


عود	MICHAEL OF WASAIN	C
1		THT
No.	\$52136 SSIONAL EN	So So Sol

REVISIONS DESCRIPTION DATE BY			0 1" 2"	FIELD BOOK	Cl					
DESCRIPTION	DATE	ы								
ADDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE							
·			IF NOT SCALE ACCORDINGLY					SCJ ALLIANCE		
			<u>SCALE</u>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES		
			HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021					

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY NATIONAL AVE PAVING PLAN

DWG NO. PV-03 SHEET



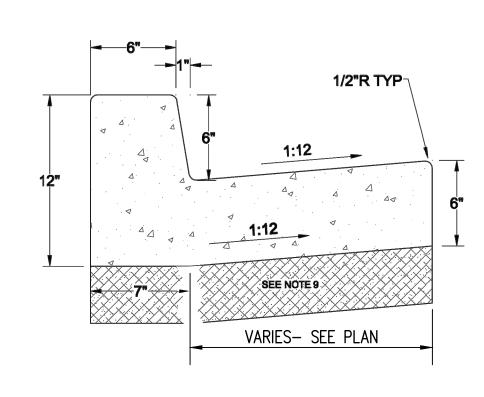
HORIZ. AS NOTED VERT. AS NOTED

DATE: JUNE 8, 2021

21 5:22:03pm — User george.hilen TS\0702 CITY OF BREMFRTON\0702 04 KITSAP WAY & WARREN AVF TRAFFIC IMP\ VARIES-SEE PLAN

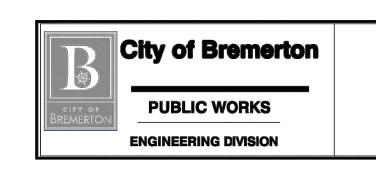
1 1/2% MAX.

CURB AND GUTTER SEE STANDARDS



TYPICAL SECTION

- 1 FORMS SHALL BE TRUE TO LINE AND GRADE AND SECURELY STAKED.
- 2 FULL DEPTH EXPANSION JOINTS SHALL BE PLACED ON 10 FOOT CENTERS.
- 3 THRU JOINTS SHALL BE PLACED ADJACENT TO CATCH BASINS, INLETS AND AT POINTS OF TANGENCY ON STREETS, ALLEY AND DRIVEWAY RETURNS. MAXIMUM SPACING SHALL BE 20 FT. PRE-MOLDED JOINT FILLER SHALL BE 1/2" WIDE AND CONFORM TO AASHTO DESIGN M213.
- 4 ALL JOINTS SHALL BE CLEAN AND EDGED.
- 5 CONCRETE SHALL BE CEMENT CONCRETE, CLASS 3000.
- 6 STEEL FORMS ONLY SHALL BE USED ON TANGENT SECTIONS. WOOD FORMS MAY BE USED ON CURVED SECTIONS.
- 7 FINISH SHALL BE LIGHT BROOM FINISH.
- 8 THE FINISHED CURB SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND AND COVERED BY WATERPROOF PAPER OR PLASTIC MEMBRANE IN THE EVENT OF RAIN OR OTHER UNSUITABLE WEATHER. CURING TIME SHALL BE A MINIMUM OF 72 HOURS.
- 9 ALL CURB AND GUTTER SHALL BE PLACED ON A MIN OF 4" COMPACTED CRUSHED SURFACING TOP COURSE.



CEMENT CONCRETE **CURB AND GUTTER** TYPE A Alteration of this drawing is prohibited. Any approval of an altered drawing is unauthorized and void.

3131

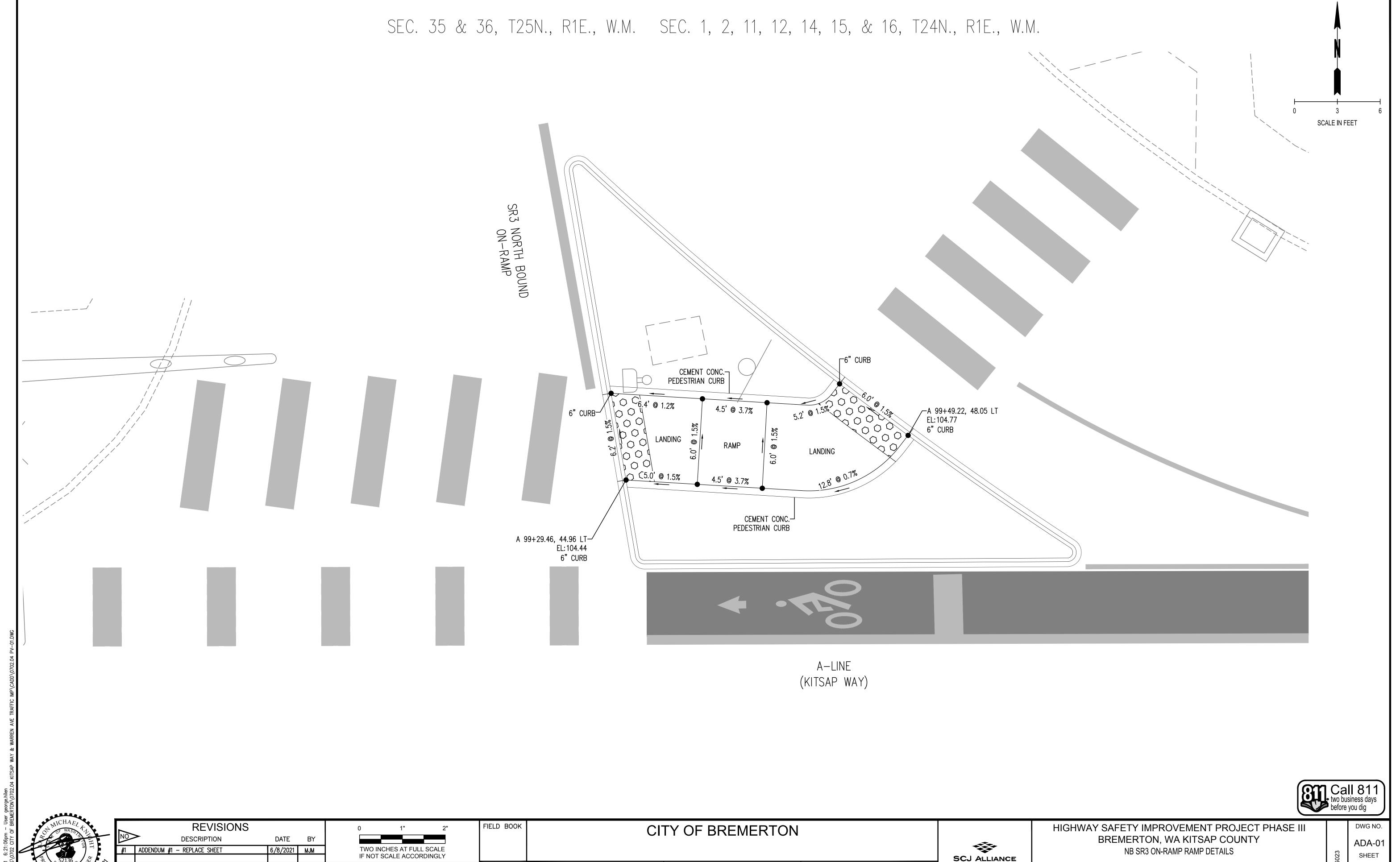
Revision Date 8/15/08

REVISIONS FIELD BOOK CITY OF BREMERTON DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY DRAWING NO. DRAWN BY: S. HOWSDEN SCALE CHECKED BY: A. KNIGHT DESIGN BY: D. HALL HORIZ. AS NOTED VERT. AS NOTED DATE: JUNE 8, 2021



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY PAVING DETAILS

DWG NO. PV-05 SHEET OF



DRAWING NO.

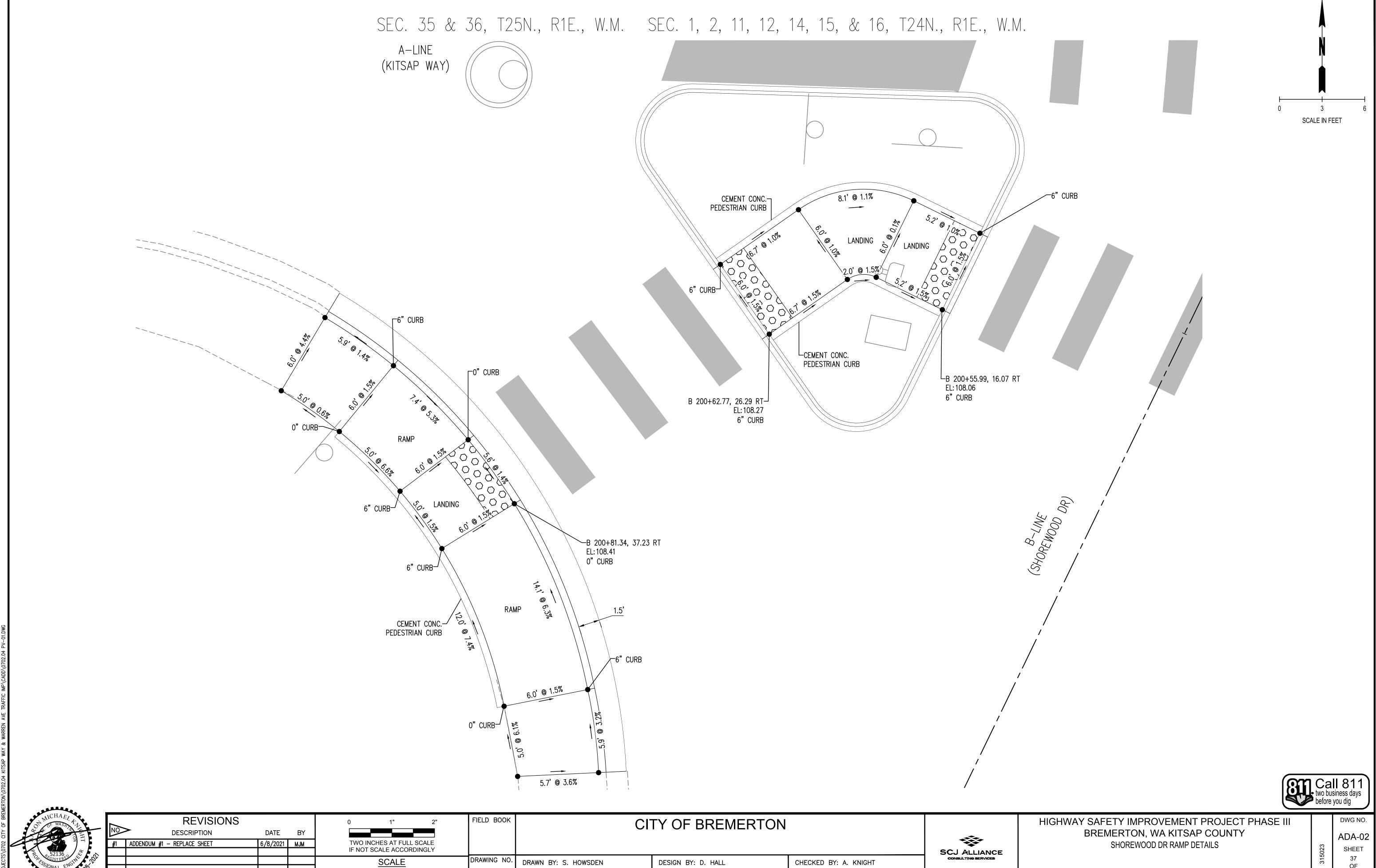
DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

<u>SCALE</u>

HORIZ. AS NOTED VERT. AS NOTED

SCJ ALLIANCE CONSULTING SERVICES CHECKED BY: A. KNIGHT DESIGN BY: D. HALL

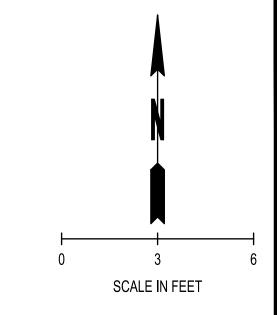


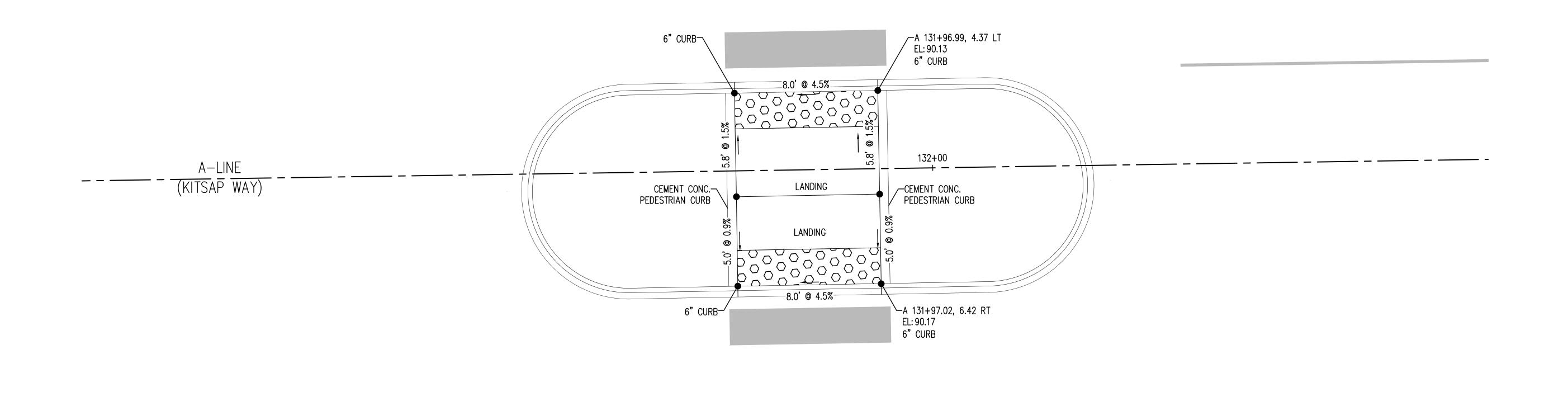
09, 2021 6:21:17pm - User george.hilen

HORIZ. AS NOTED

VERT. AS NOTED

DATE: JUNE 8, 2021



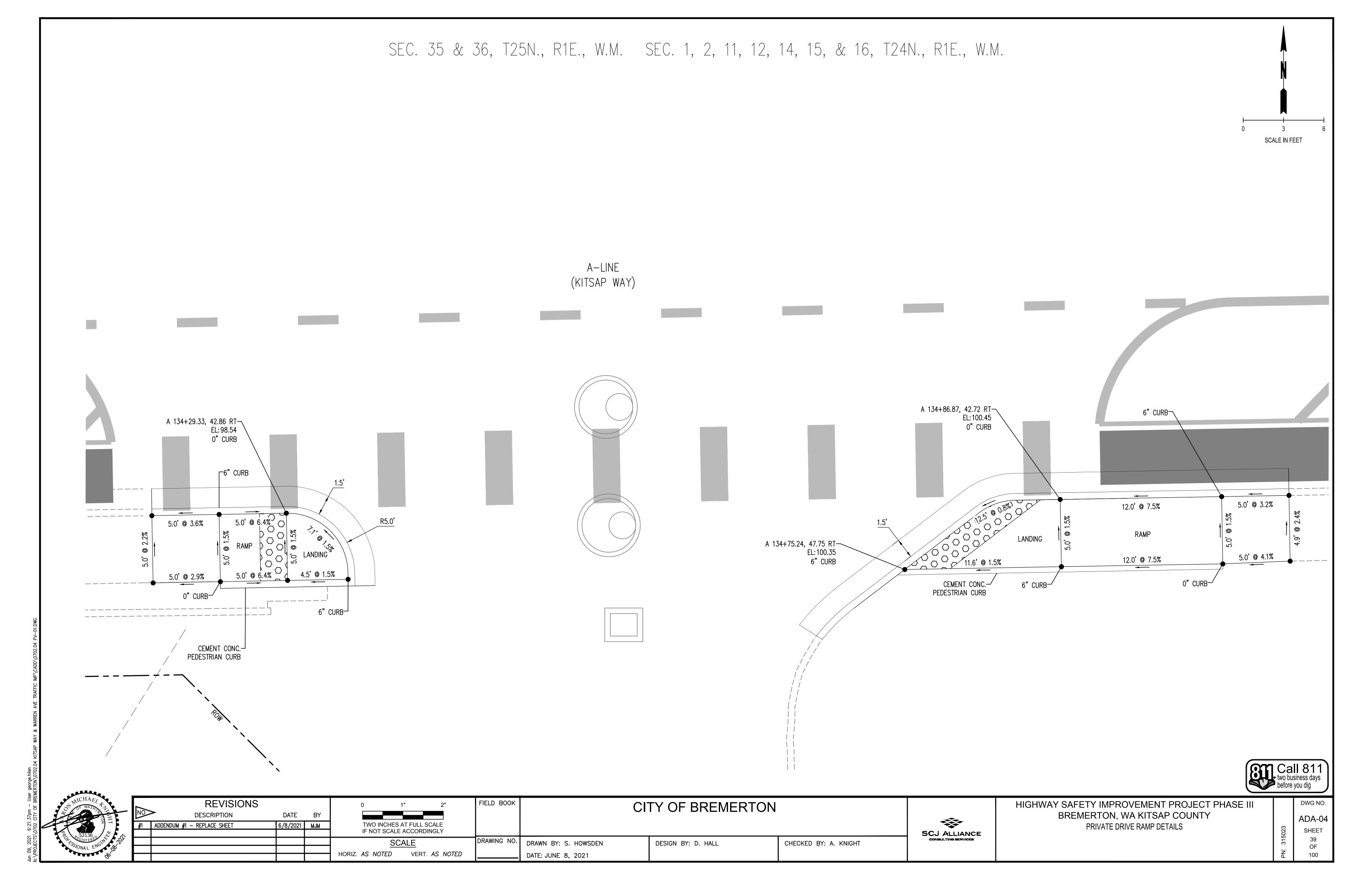


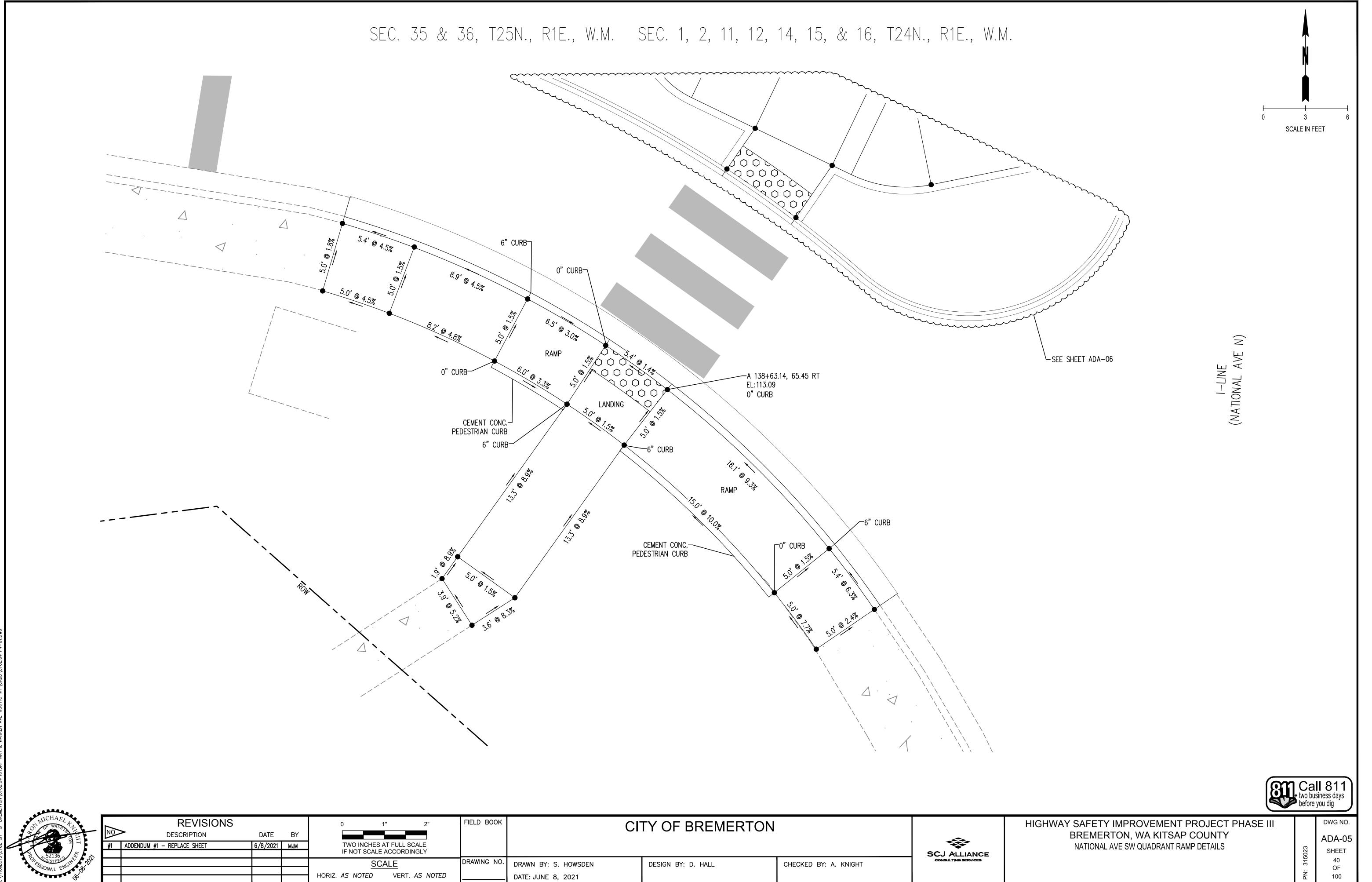
MICHAELA	4.
OF WASAY	26_
	THE PERSON NAMED IN COLUMN TO PERSON NAMED I
	A
	~ !
STONAL ENGIN	
STONAL ENGTH	68,V

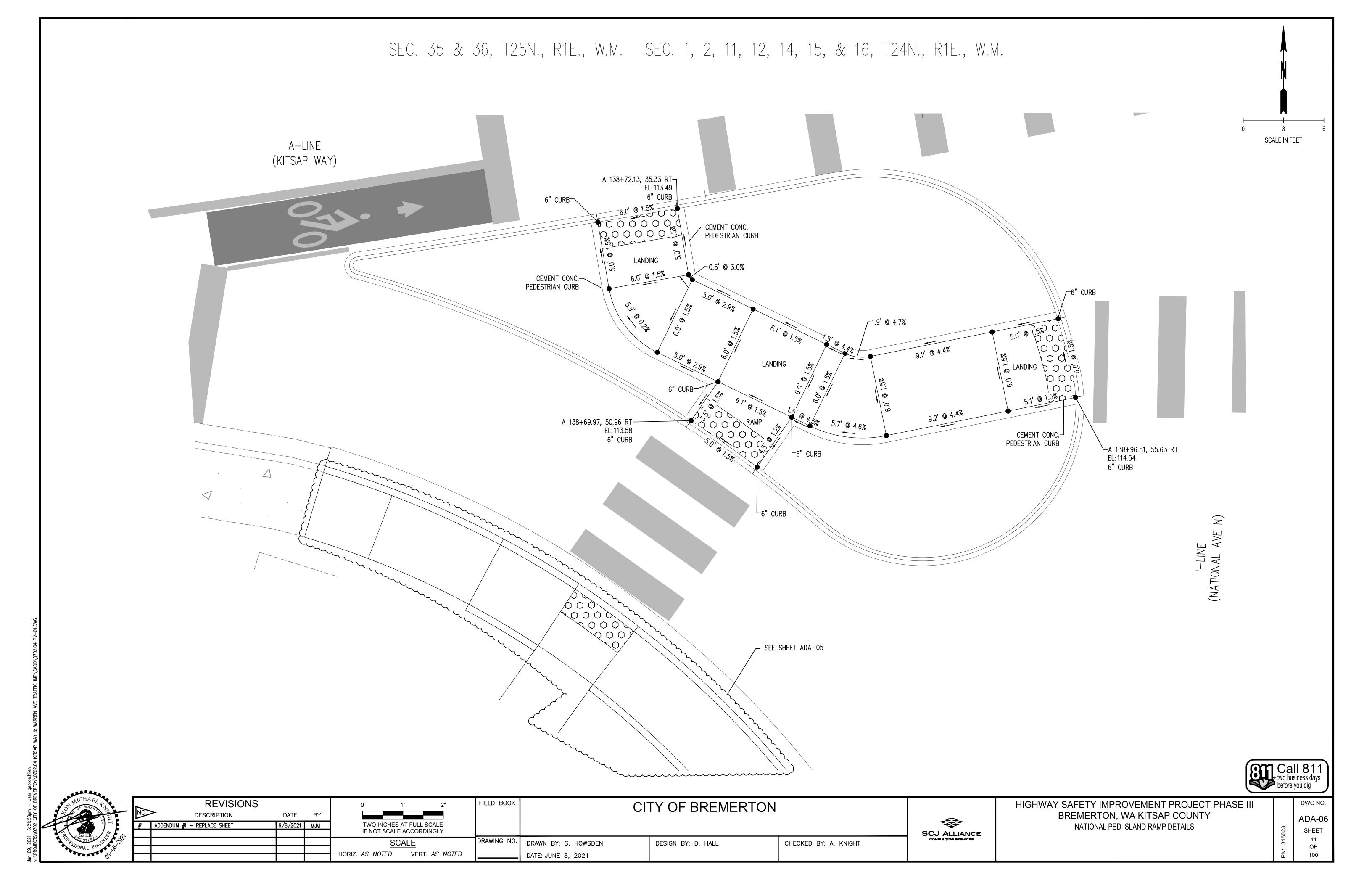
10	REVISIONS DESCRIPTION	DATE	BY	0 1" 2"	FIELD BOOK	CI	TY OF BREMERTON		~
¥ 1	ADDENDUM #1 - REPLACE SHEET	6/8/2021	МЈМ	TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY					SCJ ALLIANCE
				<u>SCALE</u>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			

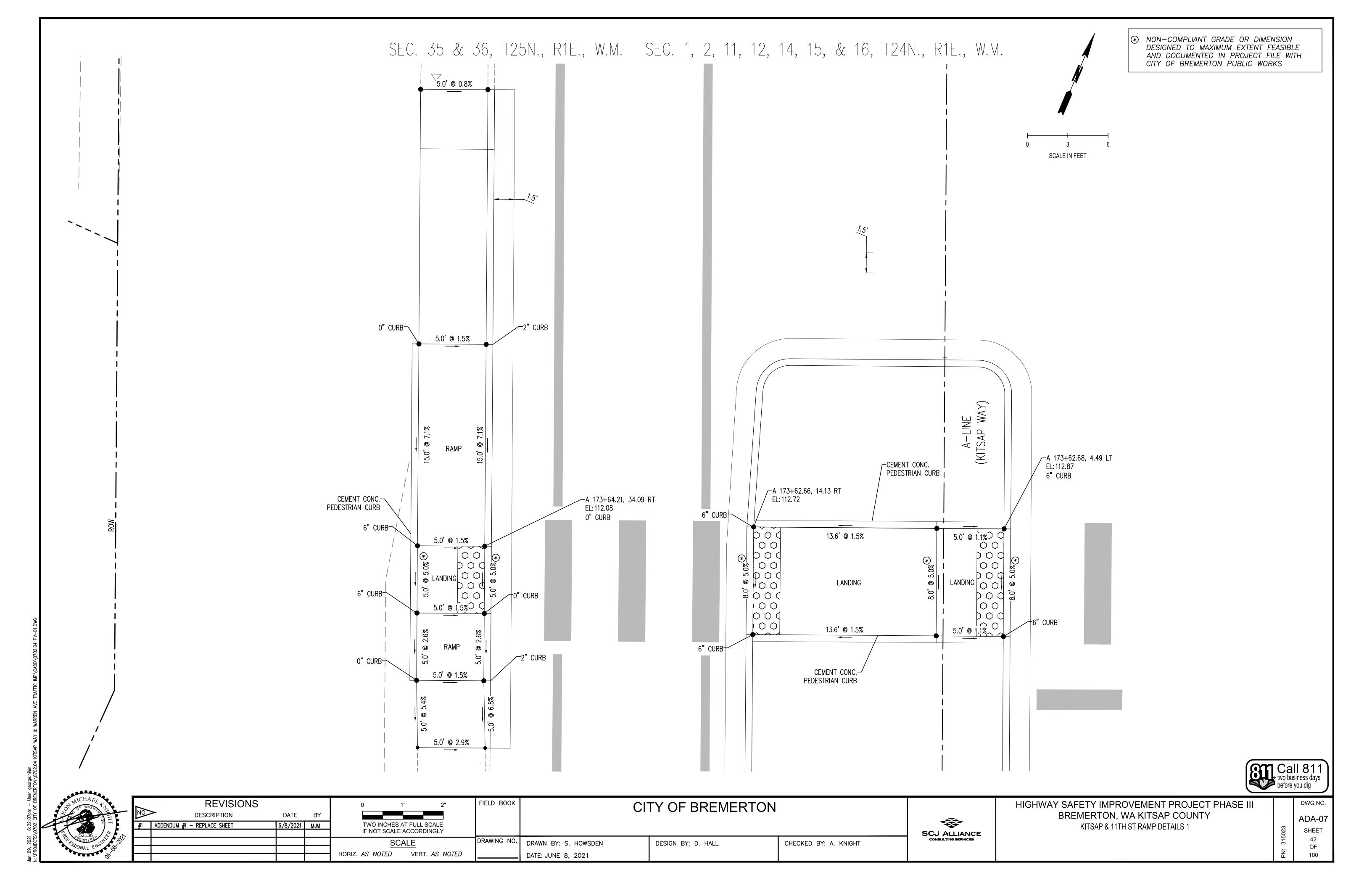
HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY THE DUGOUT PED ISLAND RAMP DETAILS

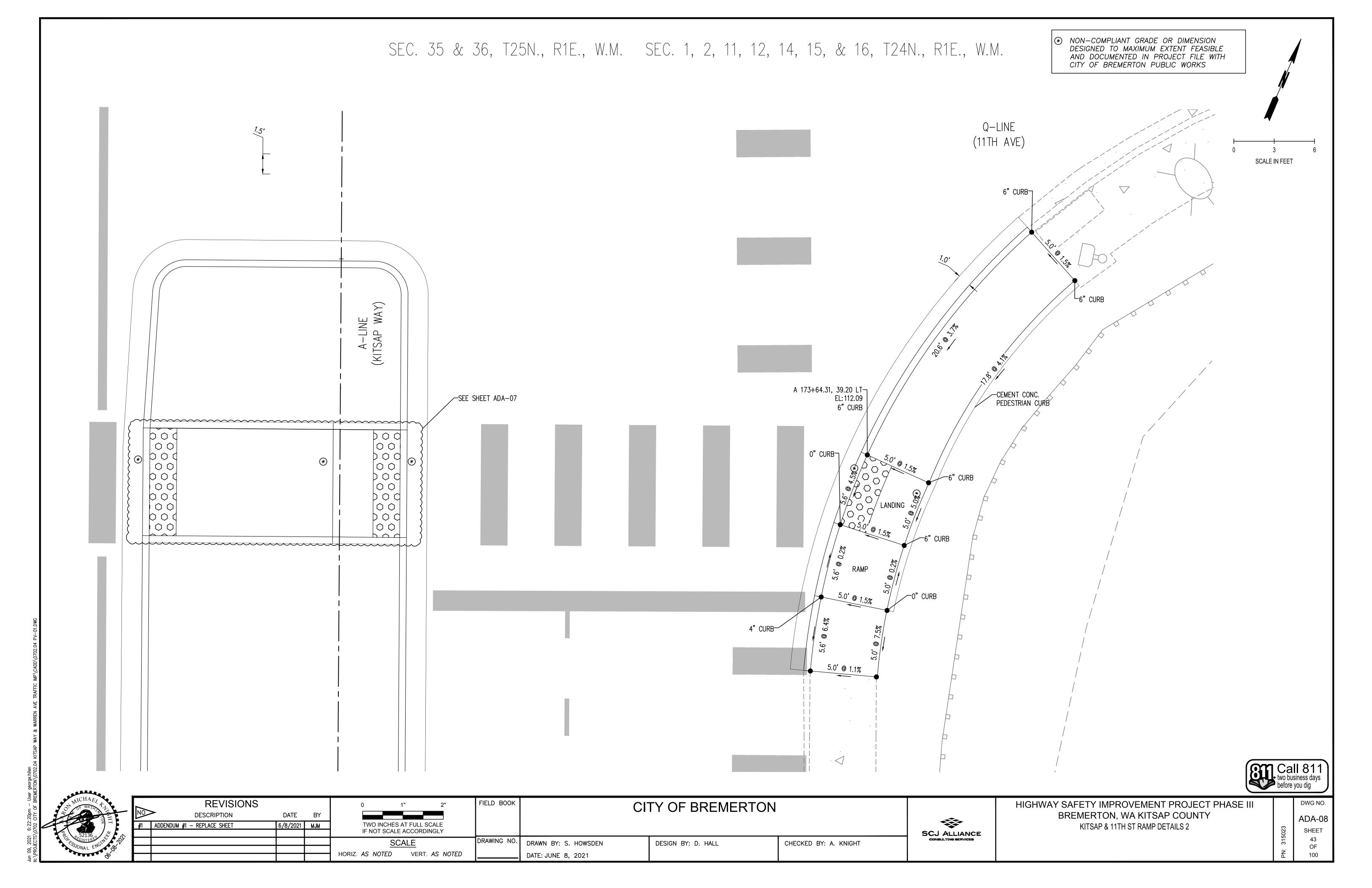
ADA-03

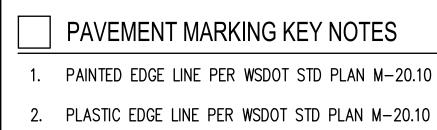




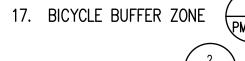








- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN M-20.10
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30



- 18. GREEN BIKE LANE PM-18
- 19. CONFLICT ZONE PM-18
- 20. BIKE BOX PM-18
- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50

24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40

- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND

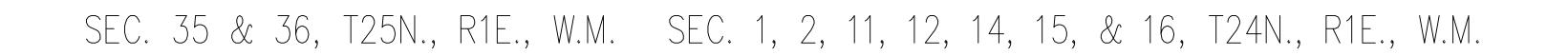


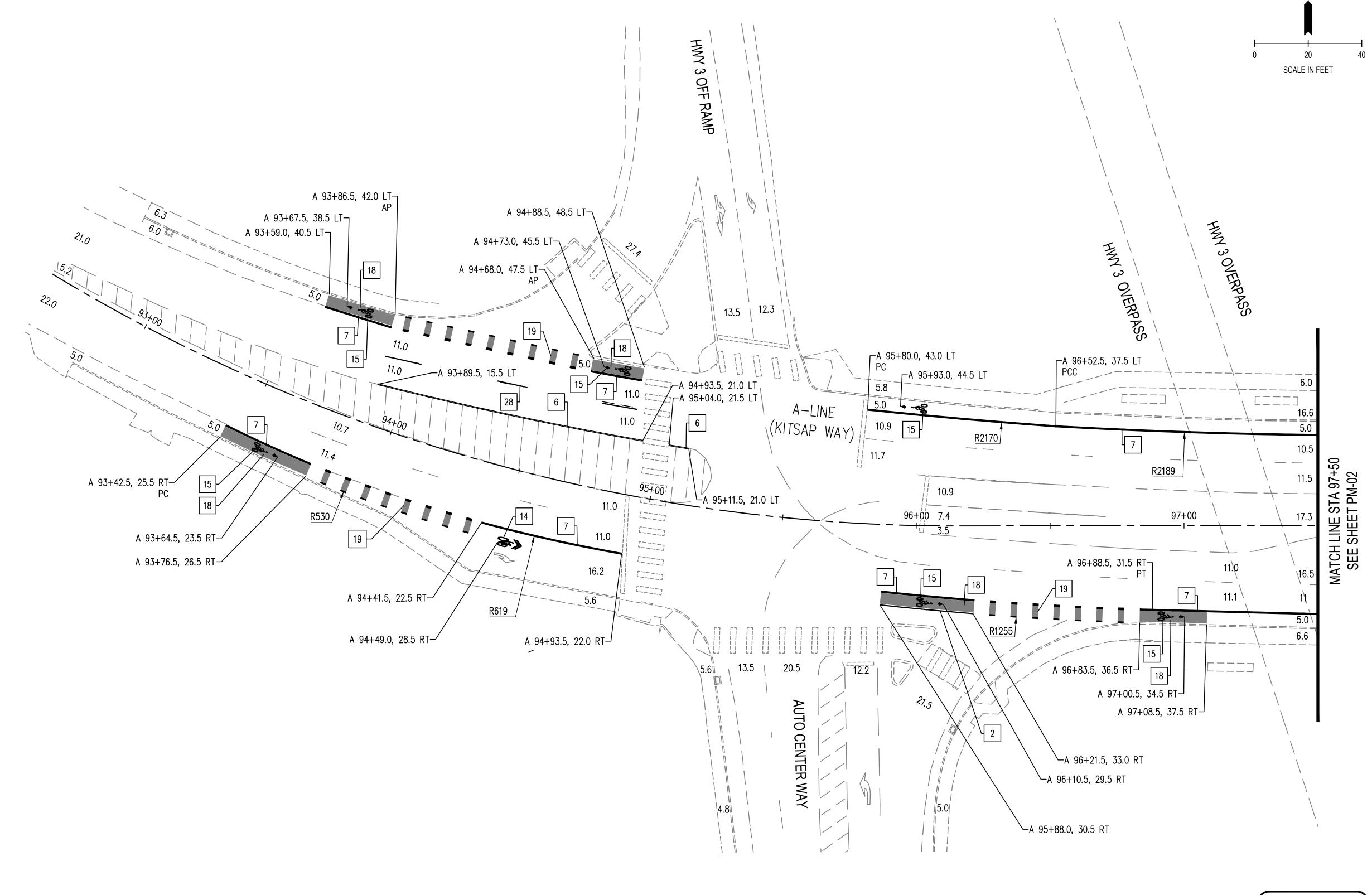
EXISTING BUS STOP



PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS







عو	MICHAEL OF WASAN
	S S S S S S S S S S S S S S S S S S S
Sp.	\$52136
	ESSIONAL ENGINE
	8

4 .		
生		>
7 2	#1	Α
201		
15 1 Son		
S S S S S S S S S S S S S S S S S S S		
<i>%</i>		

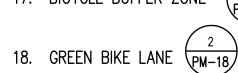
NO	REVISIONS DESCRIPTION	DATE	BY	0 1" 2"	FIELD BOOK	Cl	TY OF BREMERTON	
_	ADDENDUM #1 - REPLACE SHEET	6/8/2021		TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY				
				<u>SCALE</u>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021		

	I HIGHWAY SAFETY IMPROVEMI
	BREMERTON, WA KIT
SCJ ALLIANCE	CHANNELIZATIO
CONSULTING SERVICES	

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III ITSAP COUNTY ON PLAN

	DWG NO.	
	PM-01	
515025	SHEET	
0.0	44	
	OF	
_	100	

- PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN M-20.10
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30
- 17. BICYCLE BUFFER ZONE



- 19. CONFLICT ZONE PM-18/
- 20. BIKE BOX PM-18
- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



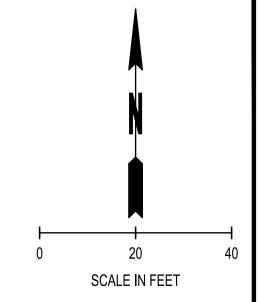
EXISTING BUS STOP

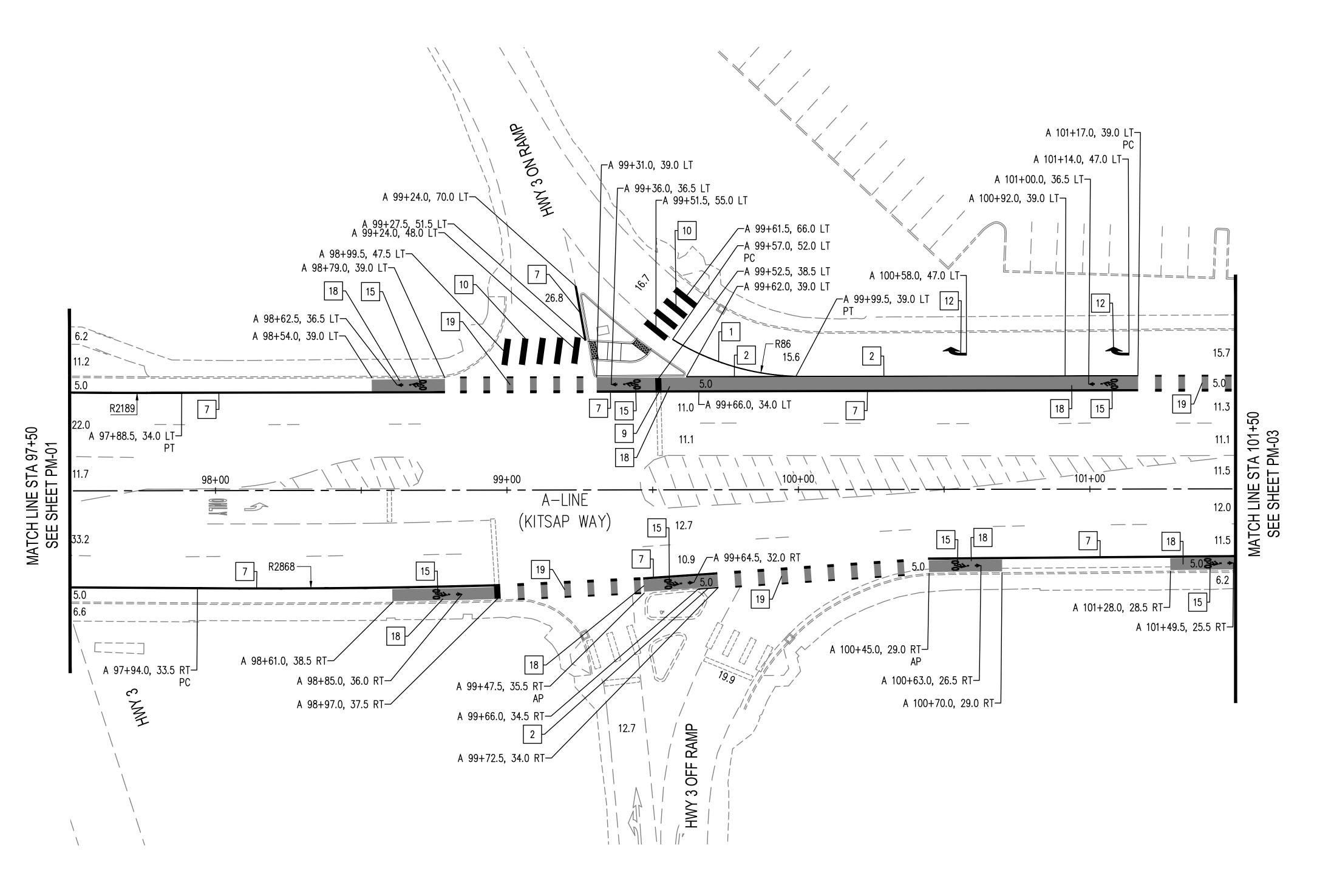


PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.





CHECKED BY: A. KNIGHT



	A STATE OF THE STA
	MICHAEL
Ş	OF WASA
	O OF WASAIN
	9 4
*	SONAL ENGINEER OF THE PROPERTY
3	CISTER! NOIN ?OF
•	STONAL ENGL
	8

CALLET TON	
/ C	F
SING POI	L
300	L

0	1"	2"
•	CHES AT FU SCALE ACC	
	SCALE	-

VERT. AS NOTED

DRAWING NO.	DRAWN BY: S.	H
	DATE: JUNE 8,	2(

FIELD BOOK

HOWSDEN 2021

DESIGN BY: D. HALL

CITY OF BREMERTON



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

- PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN M-20.10
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30
- 17. BICYCLE BUFFER ZONE



- 19. CONFLICT ZONE PM-18
- 20. BIKE BOX PM-18
- 21. MEDIAN WITH CROSSHATCH (PM-18)
- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



EXISTING BUS STOP

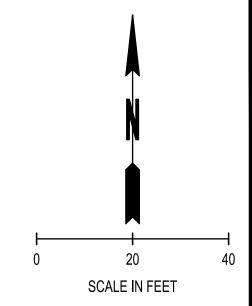


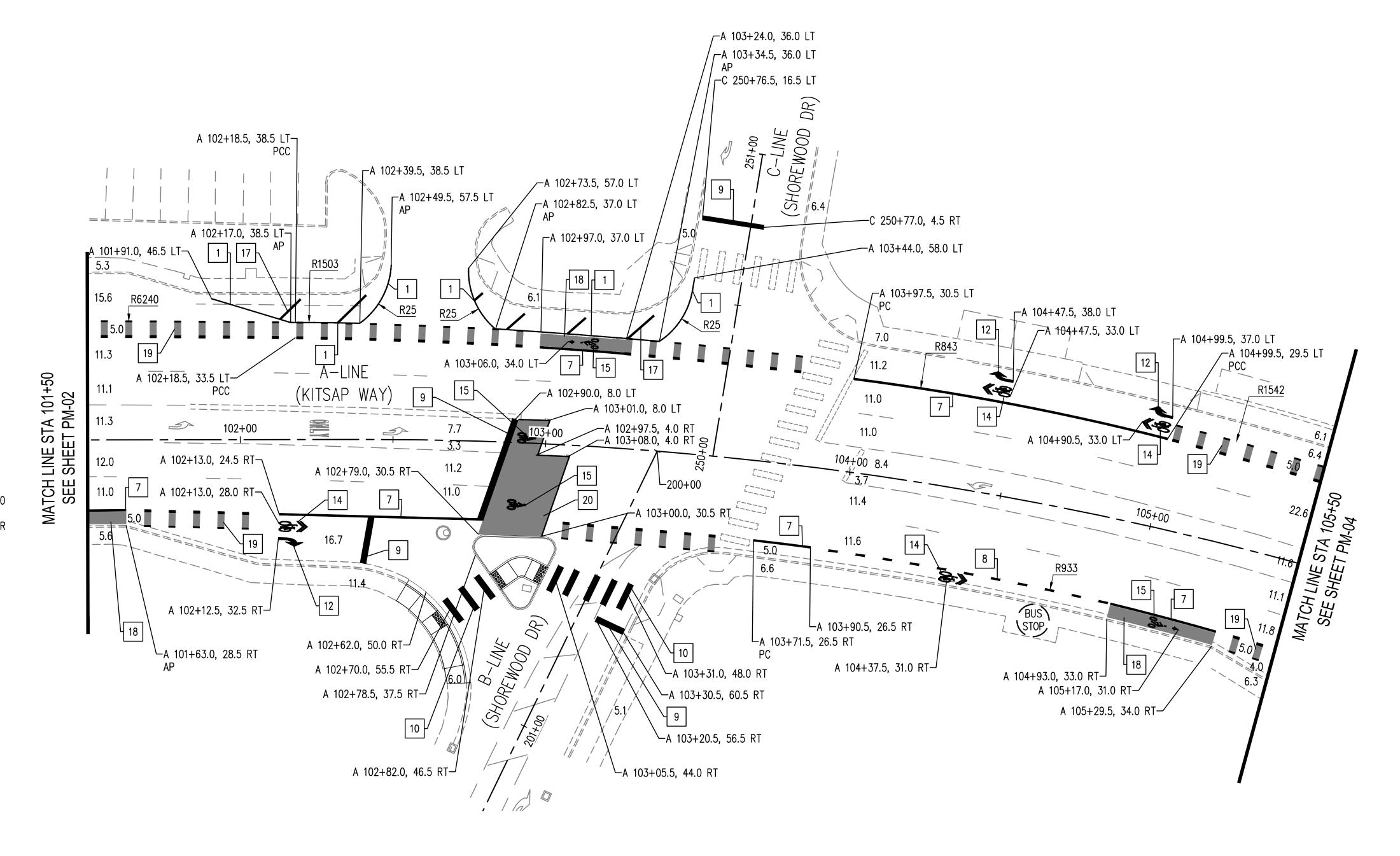
PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.







نو	MICHAEL TO	
200	OF WASHING	—
A POX	COSTONAL ENGINE	202
•	STONAL EL	

~ .	
THE HIT	<u> </u>
	#
STATE OF THE STATE	
SINE POI	
08	
· ~0	

2"	FIELD	В
FULL SCALE CCORDINGLY		
F	DRAWIN	١G

DRAWN BY: S. HOWSDEN DATE: JUNE 8, 2021

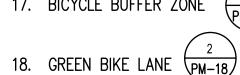
DESIGN BY: D. HALL CHECKED BY: A. KNIGHT

CITY OF BREMERTON



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

- PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN M-20.10
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30
- 17. BICYCLE BUFFER ZONE



- 19. CONFLICT ZONE PM-18
- 20. BIKE BOX PM-18
- 21. MEDIAN WITH CROSSHATCH (PM-18)
- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



EXISTING BUS STOP

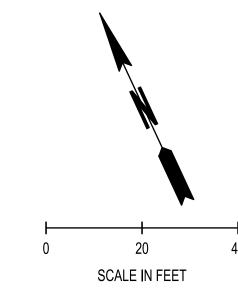


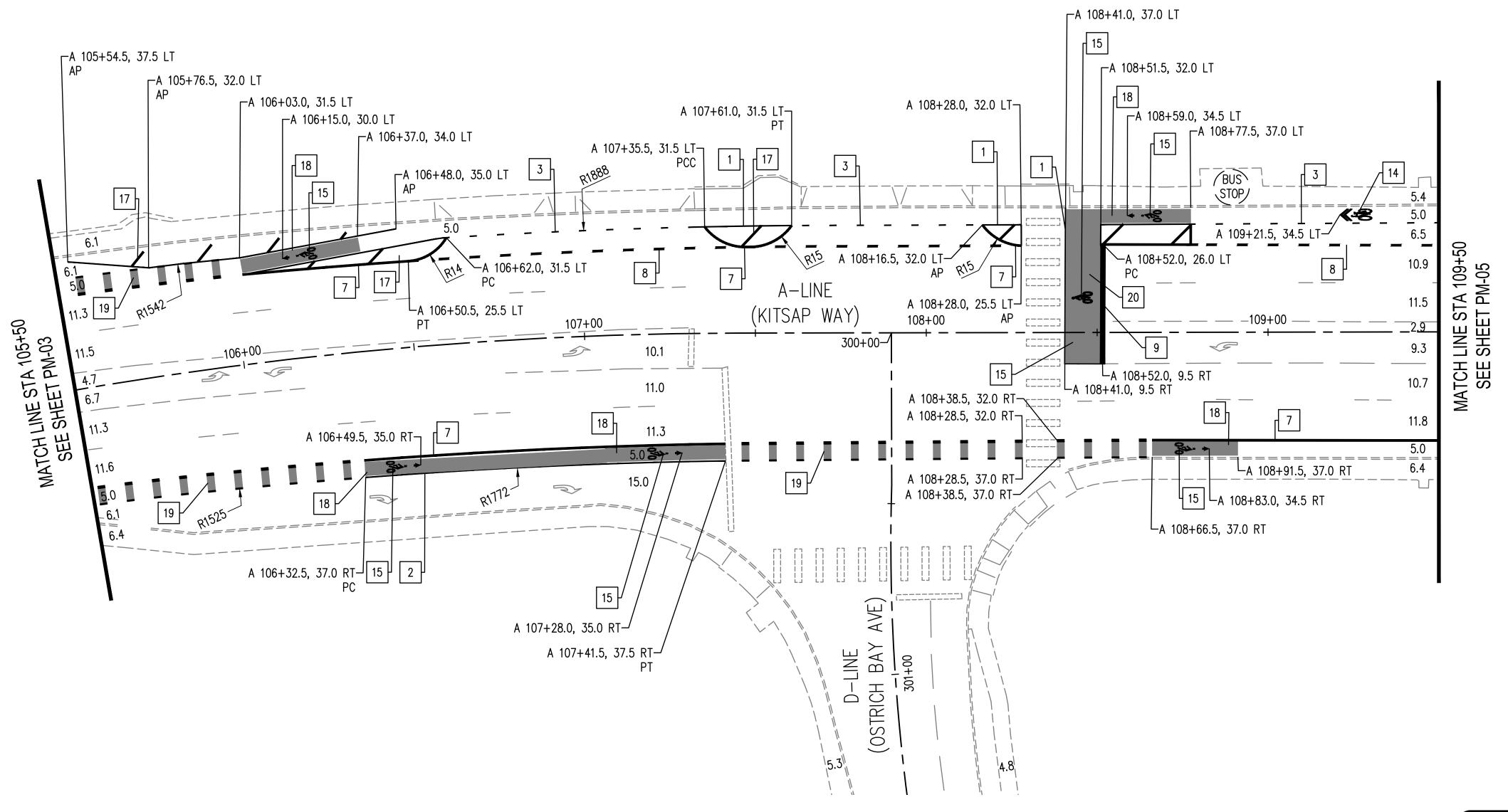
PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.







	22	αCH <i>A</i>	D.	•	
و		MCHA OF WAS	WAY TO	THE STATE OF THE S	
1	PROKES	SZ136 SZONA L	ENGIN	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ŠĮ,
	لعور	YONA L	ENG	5	

CLIENT TO THE TENT	
<i> </i>	j
STATE OF THE STATE	
THE 201	
1 100	
- (C)	

VERT. AS NOTED

FIELD BOOK	
DRAWING NO.	DRAWN BY: S

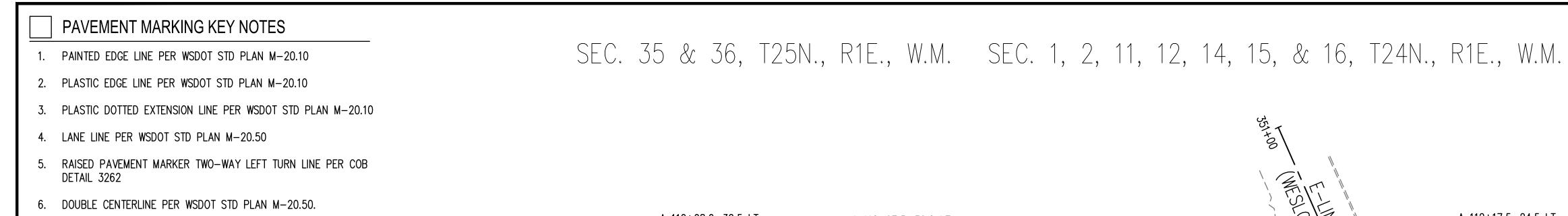
S. HOWSDEN DATE: JUNE 8, 2021

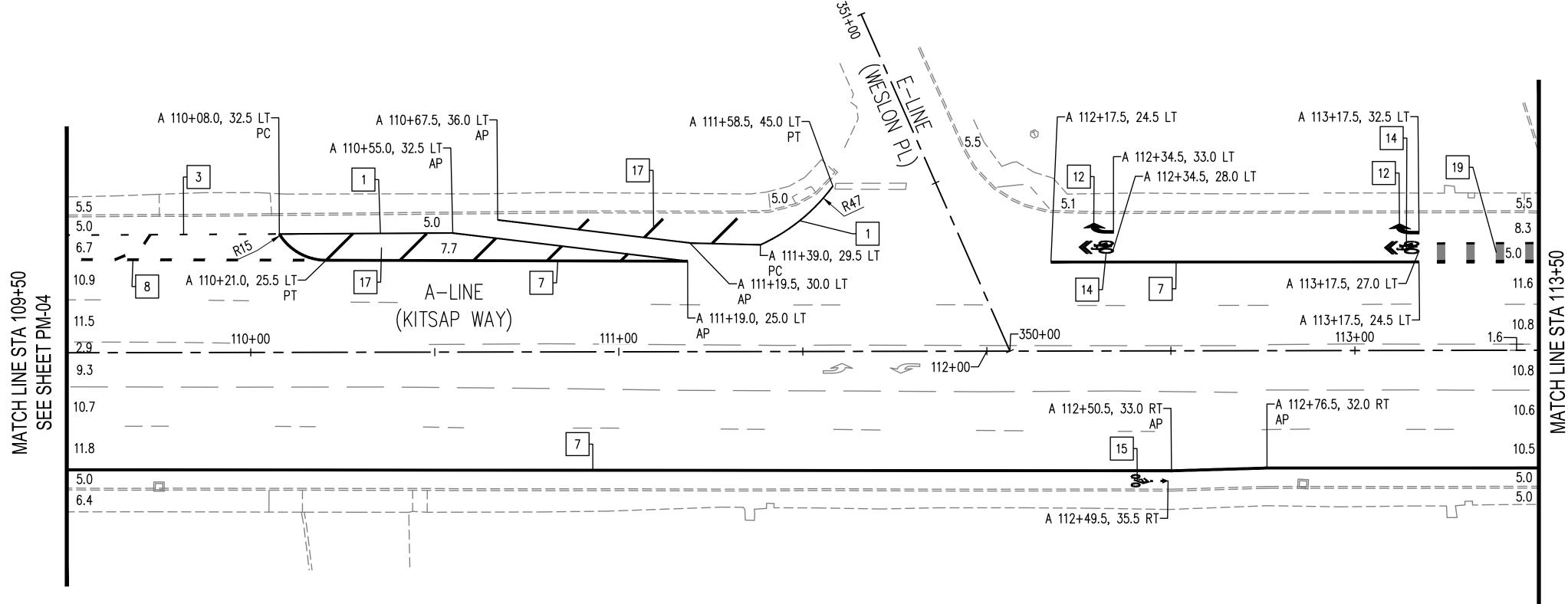
CHECKED BY: A. KNIGHT DESIGN BY: D. HALL

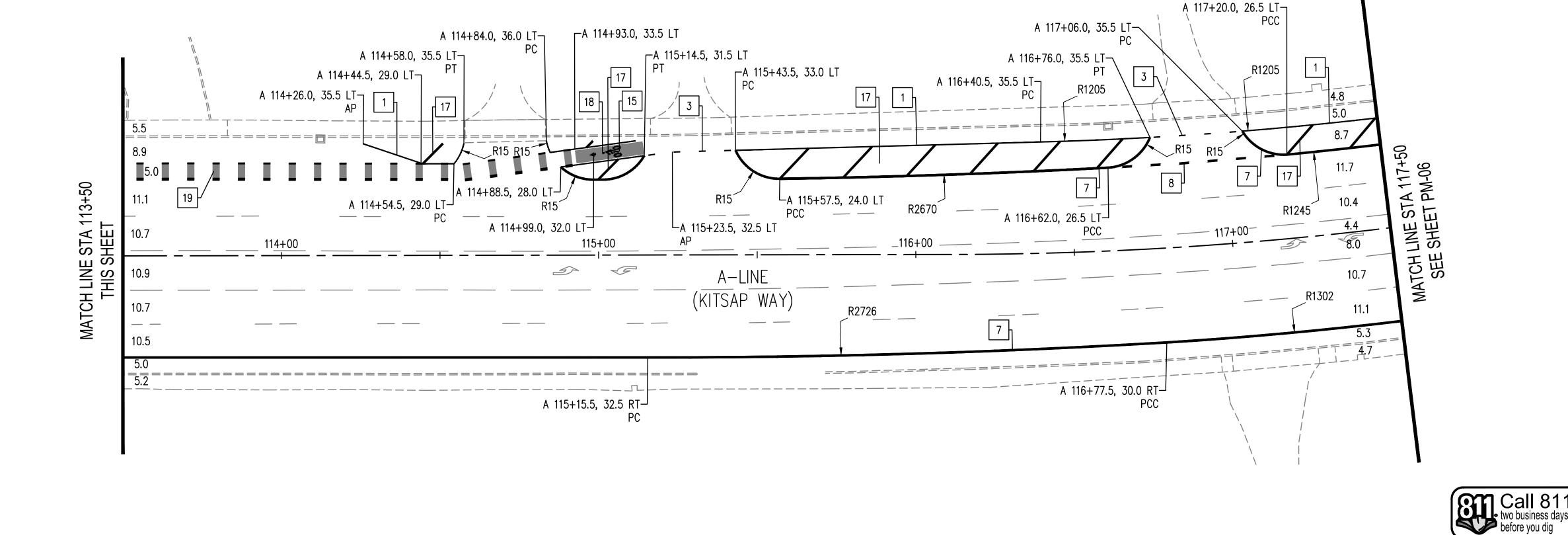
CITY OF BREMERTON



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN









ADDENDUM #1 - REPLACE SHEET

PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS **REVISIONS** DESCRIPTION

DATE

6/8/2021 MJM

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY SCALE HORIZ. AS NOTED VERT. AS NOTED

DRAWING NO. DRAWN BY: S. HOWSDEN DATE: JUNE 8, 2021

FIELD BOOK

CITY OF BREMERTON DESIGN BY: D. HALL CHECKED BY: A. KNIGHT HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

DWG NO. PM-05

SCALE IN FEET

SCJ ALLIANCE

18. GREEN BIKE LANE 19. CONFLICT ZONE PM-18 20. BIKE BOX PM-18 21. MEDIAN WITH CROSSHATCH PM-18 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084. 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10

29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND

EXISTING BUS STOP

PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE

7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN

8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN

9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265

10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257

14. PLASTIC SHARED LANE MARKING (PM-18)

11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40

12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN

13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN

15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258

16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10

M-20.10

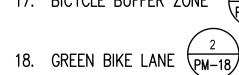
M-24.40

M-24.40

AND M-80.30

17. BICYCLE BUFFER ZONE

- 1. PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN M-20.10
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30
- 17. BICYCLE BUFFER ZONE



- 19. CONFLICT ZONE PM-18
- 20. BIKE BOX (PM-18)
- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



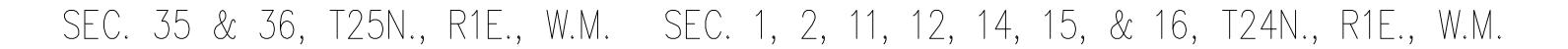
EXISTING BUS STOP

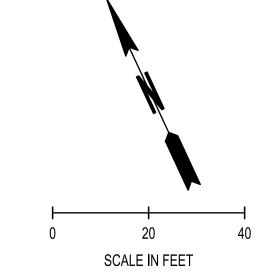


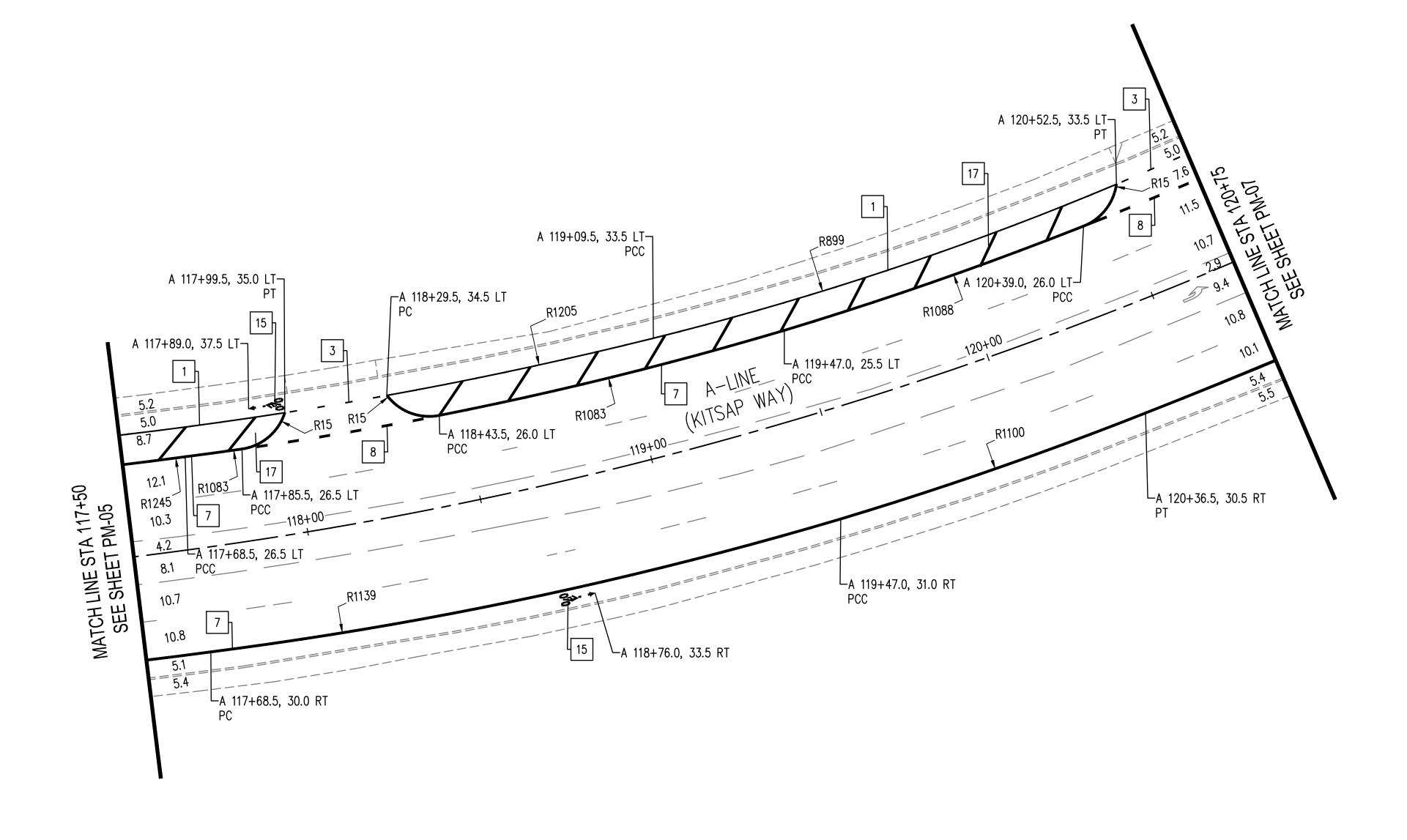
PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS









and the same of th
OF WASHING
PORTEGISTER OF THE PROPERTY OF
SONAL EL SO

	_ /	REVISIONS
•	20/	DESCRIPTION
	#1	ADDENDUM #1 - REPLACE SHEET

DATE

6/8/2021 MJM

DRAWING NO. DRAWN BY: S. HOWSDEN DATE: JUNE 8, 2021

FIELD BOOK

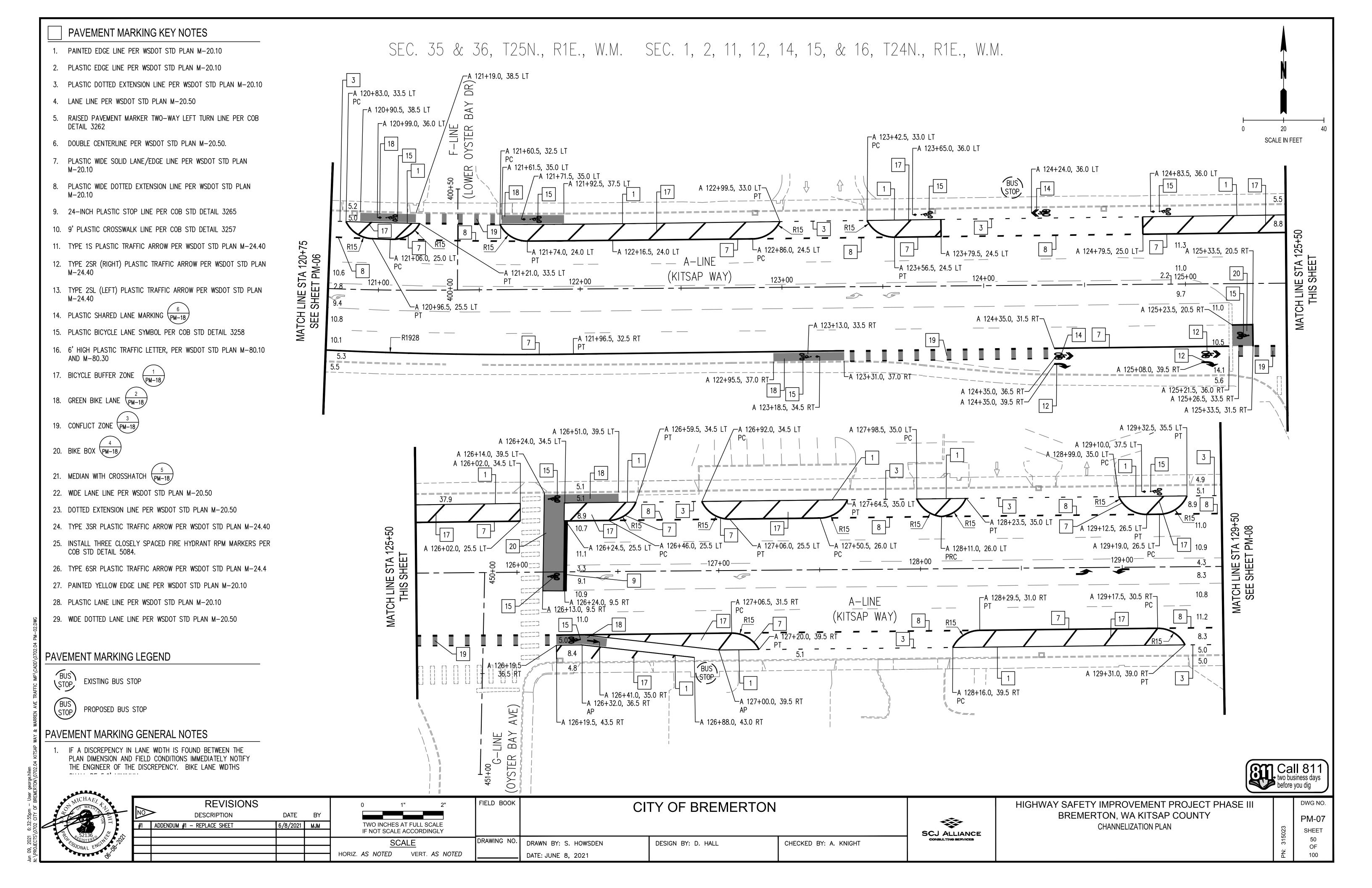
DESIGN BY: D. HALL CHECKED BY: A. KNIGHT

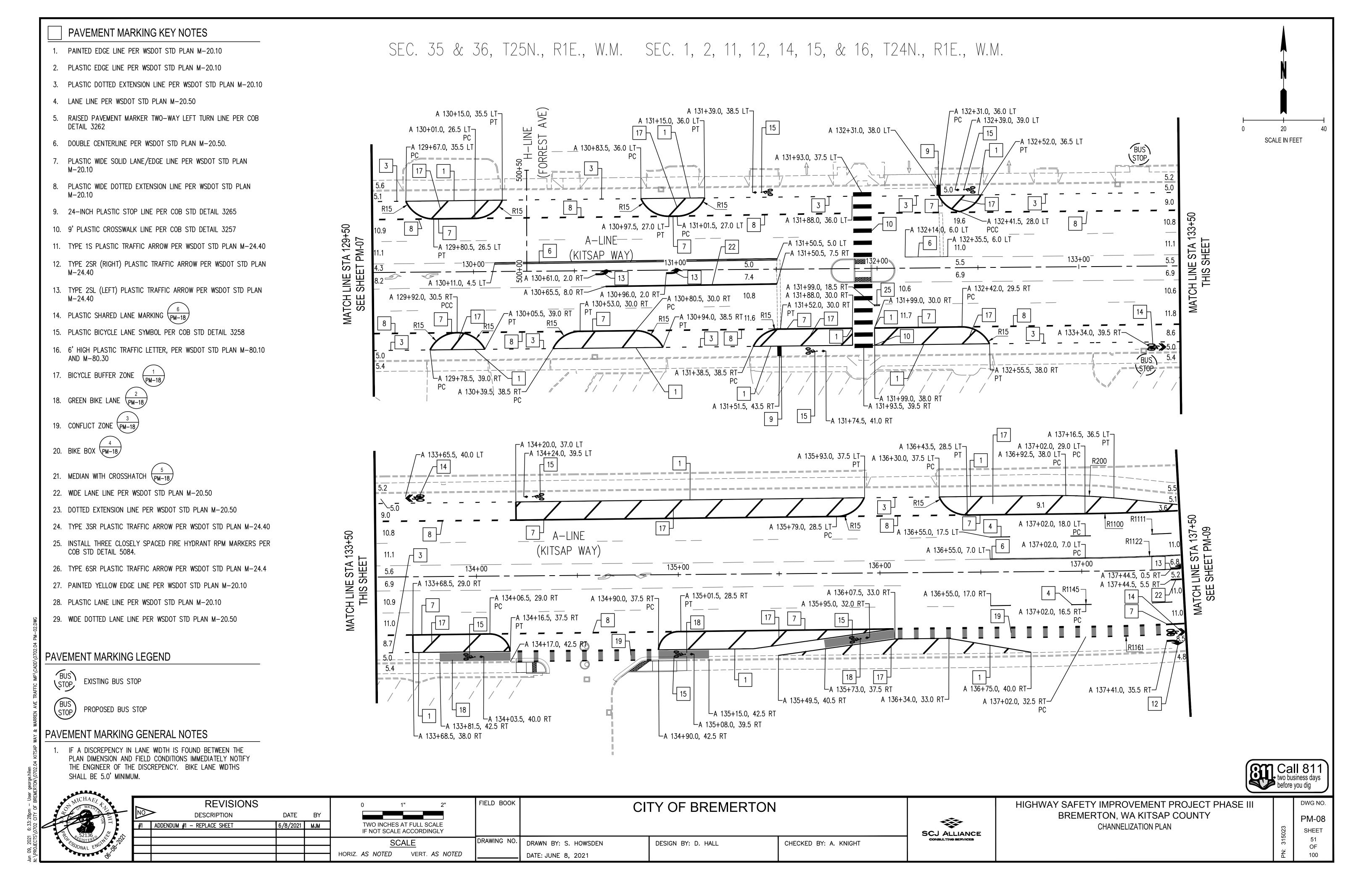
CITY OF BREMERTON



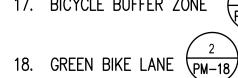
HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

	DWG NO.
	PM-06
5023	SHEET
315	49
	OF
PN:	100





- PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30
- 17. BICYCLE BUFFER ZONE



- 19. CONFLICT ZONE PM-18
- 20. BIKE BOX (PM-18)
- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



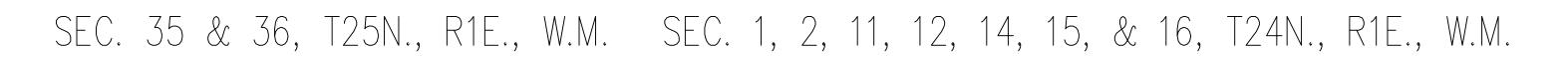
EXISTING BUS STOP

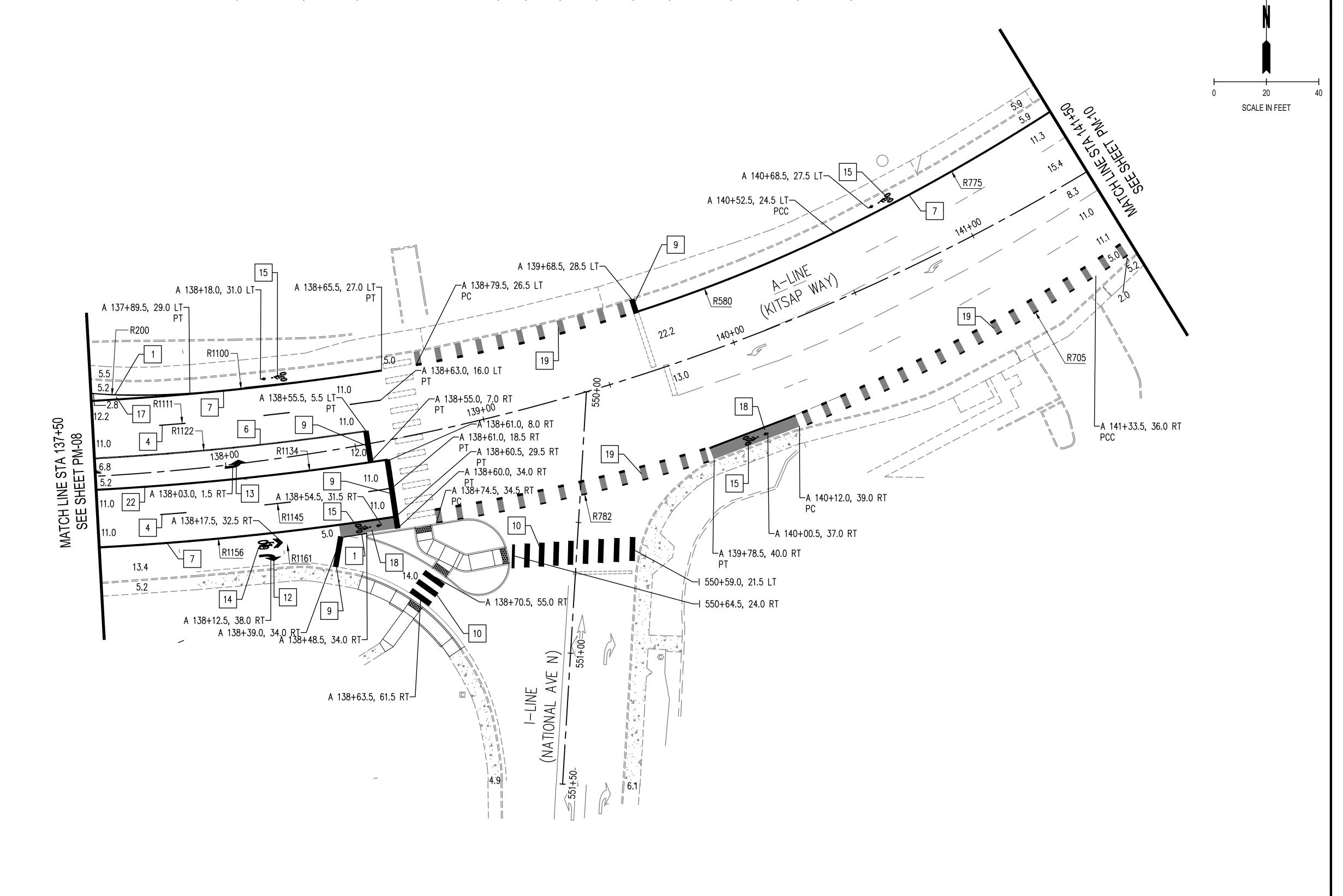


PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS







(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	121
THT	#
STREET POI	
18 J8	

REVISIONS DESCRIPTION	DATE	BY	0 1" 2"	FIELD BOOK	CITY OF BREMERTON			_
ENDUM #1 - REPLACE SHEET 6	6/8/2021	MJM	TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY			SCJ ALLIANCE		
			SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
			HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

DWG NO. PM-09

Call 811 two business days before you dig



- PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN M-20.10
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30
- 17. BICYCLE BUFFER ZONE



19. CONFLICT ZONE PM-18

18. GREEN BIKE LANE

20. BIKE BOX PM-18



- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



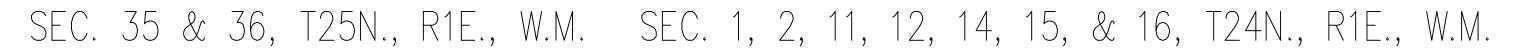
EXISTING BUS STOP

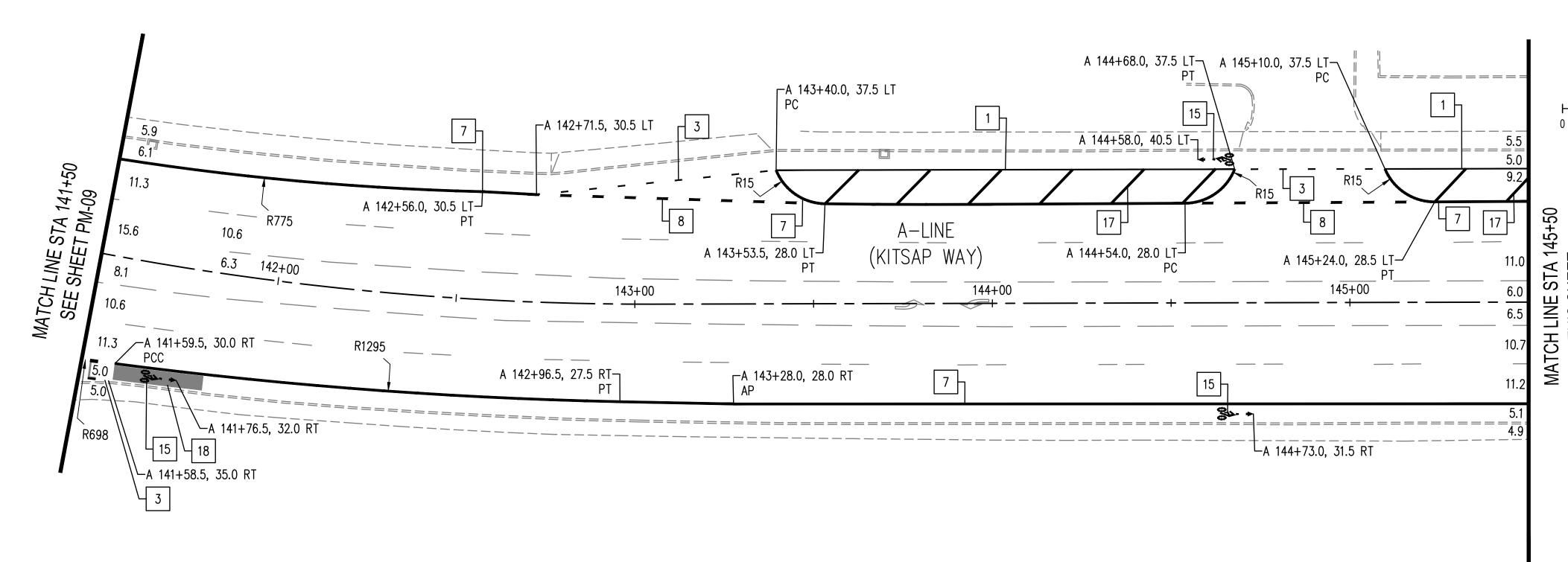


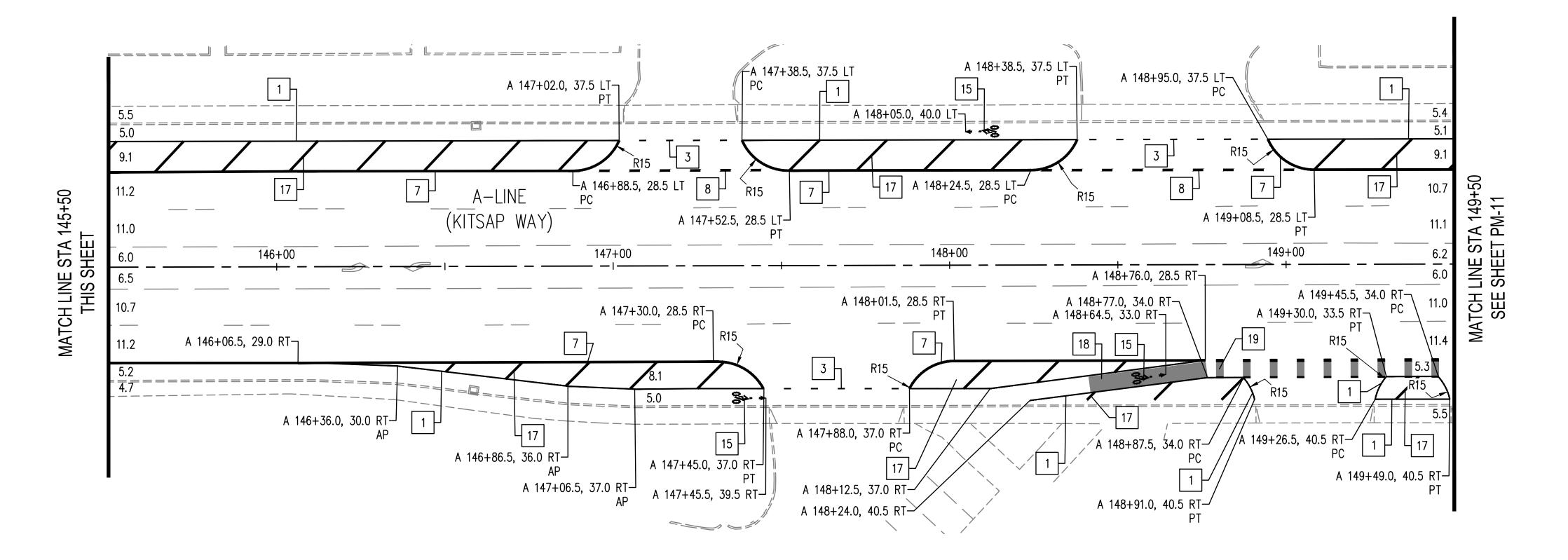
PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS









SCALE IN FEET

	بعوو	MICHA.	EL	•
بر		OF WAS	WAY TO N	
	PROX	SIONAL	ENGINE	, gi
		PSTONA L	ENG.	100,701

-	REVISIONS DESCRIPTION	DATE	BY	0 1	1" 2"	FIELD BOOK	Cl	TY OF BREMERTON	
	DESCRIPTION	DAIL	ы						
ADDENDUM :	#1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES A	AT FULL SCALE				
		1, 1, 1, 1		IF NOT SCALE	ACCORDINGLY				
				SC	ALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT
				<u>507</u>	/ LL		DIAWN DI. S. HOWSDEN	DESIGN DI. D. HALL	CHECKED DI. A. KINIGHI
		+		HORIZ. AS NOTED	VERT. AS NOTED		DATE: JUNE 8. 2021		

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

SCJ ALLIANCE CONSULTING SERVICES

DWG NO. PM-10 SHEET

- 1. PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO—WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN M-20.10
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING $\binom{6}{PM-18}$
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30
- 17. BICYCLE BUFFER ZONE



- 19. CONFLICT ZONE PM-18
- 20. BIKE BOX PM-18
- 21. MEDIAN WITH CROSSHATCH $\frac{5}{PM-18}$
- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



EXISTING BUS STOP

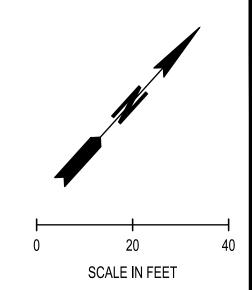


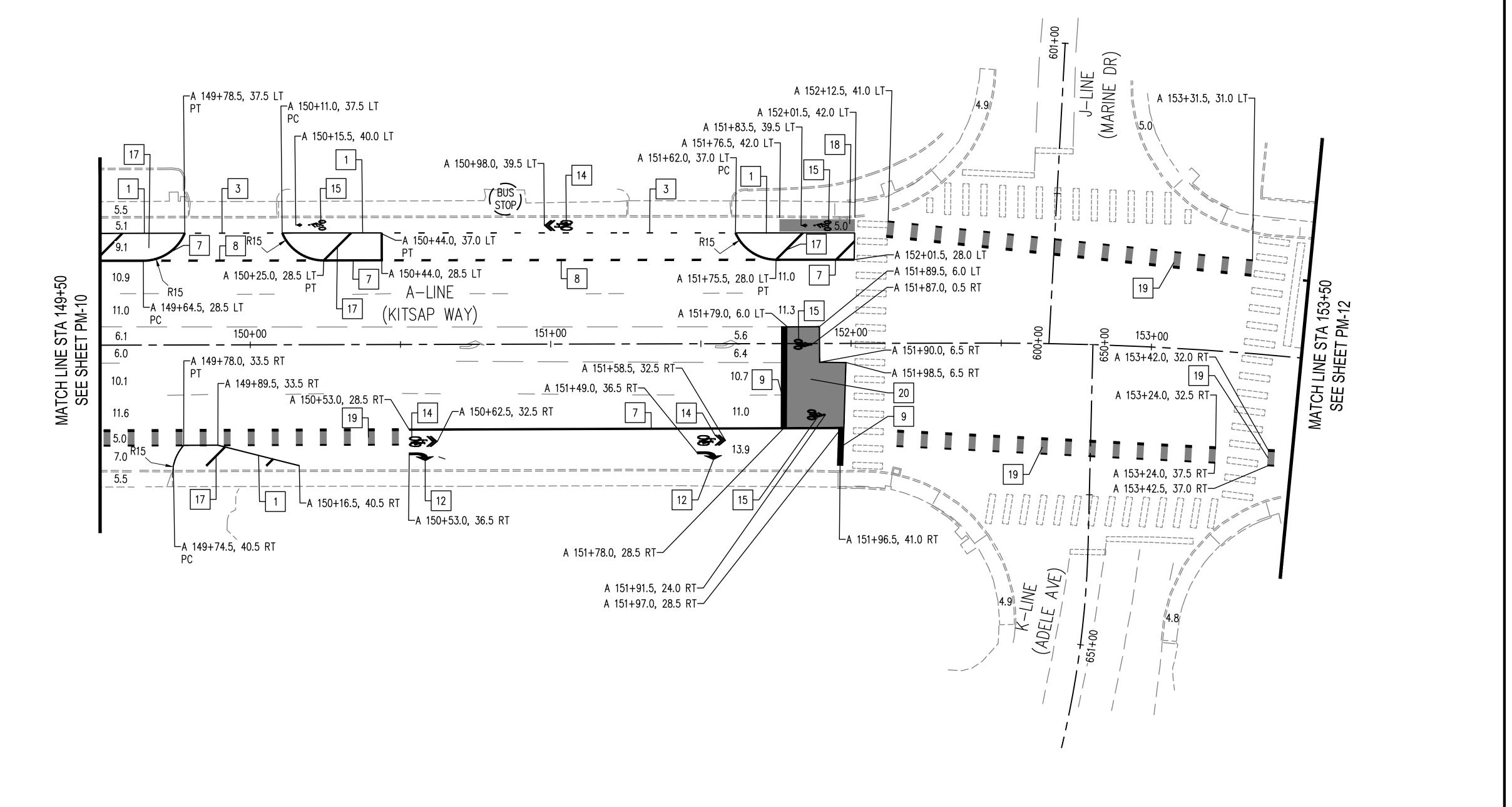
PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.





Call 811 two business days before you dig

عو	MICHAE OF WASA	Lee	
10 m	OF WASA	ALL THE	—
PRO	s.52136		~
PORK	\$52136 SEGISTERE SSIONAL E	WEINER OF	Şv
	- 2222	~ %	

REVISIONS			0 1"	2"	FIELD BOOK	Cl	TY OF BREMERTON	
DESCRIPTION	DATE	BY				01	TO BILLINE KION	
ADDENDUM #1 — REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT					
			IF NOT SCALE AC	CORDINGLY				
			SCAL	.E	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT
			HORIZ. AS NOTED	VERT. AS NOTED		DATE: JUNE 8, 2021		

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

SCJ ALLIANCE CONSULTING SERVICES

DWG NO.

PM-11

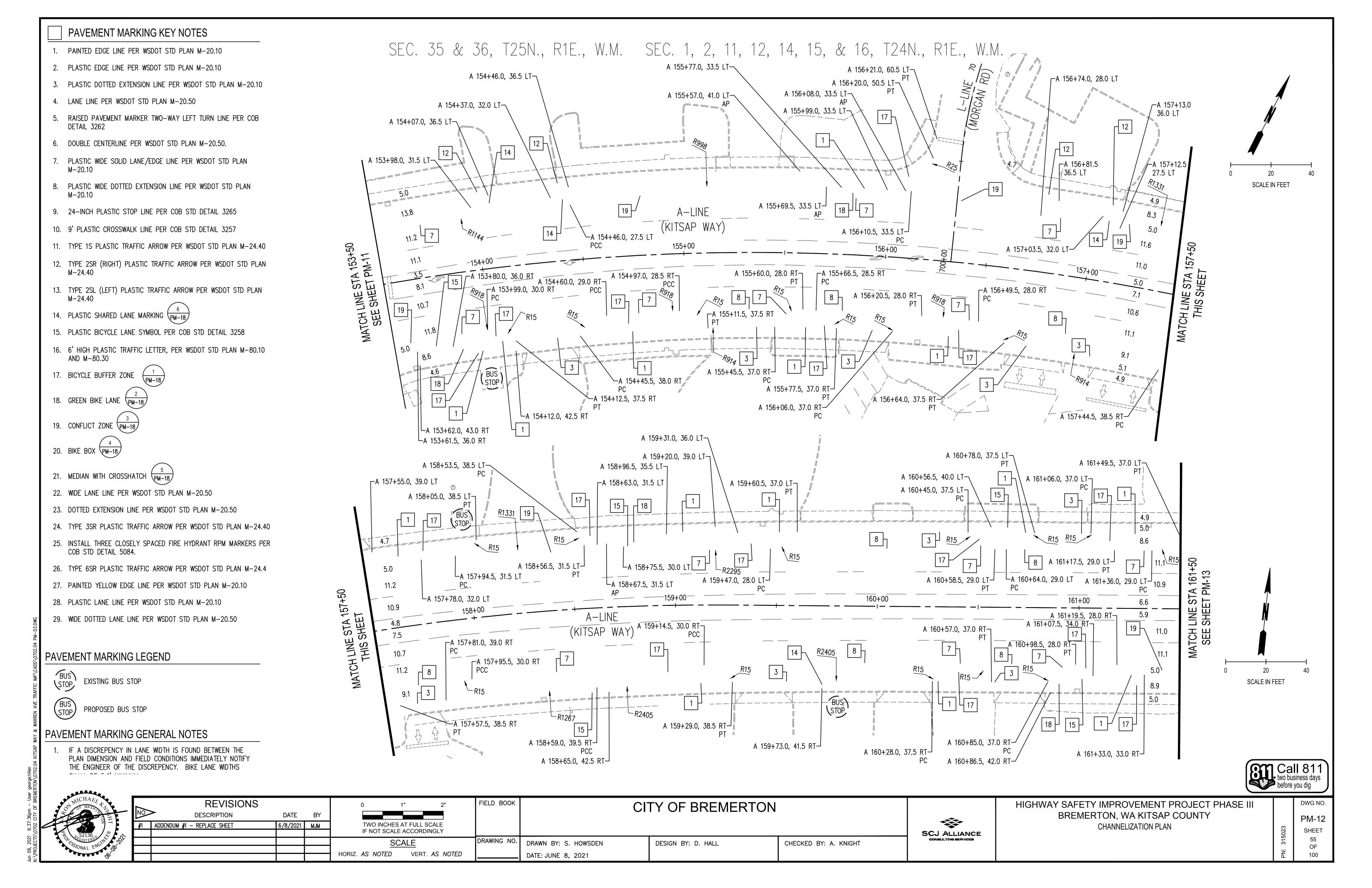
SHEET

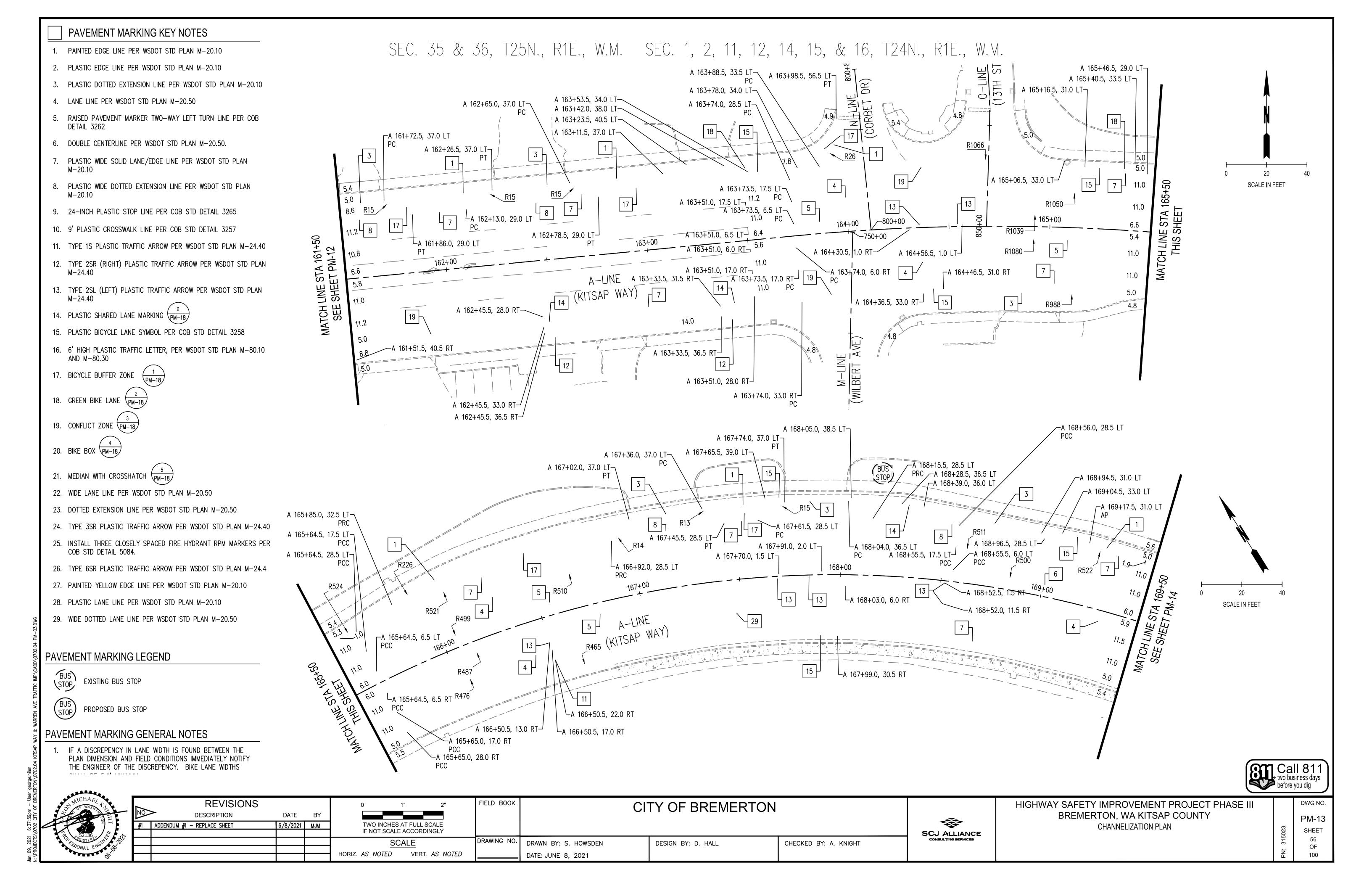
54

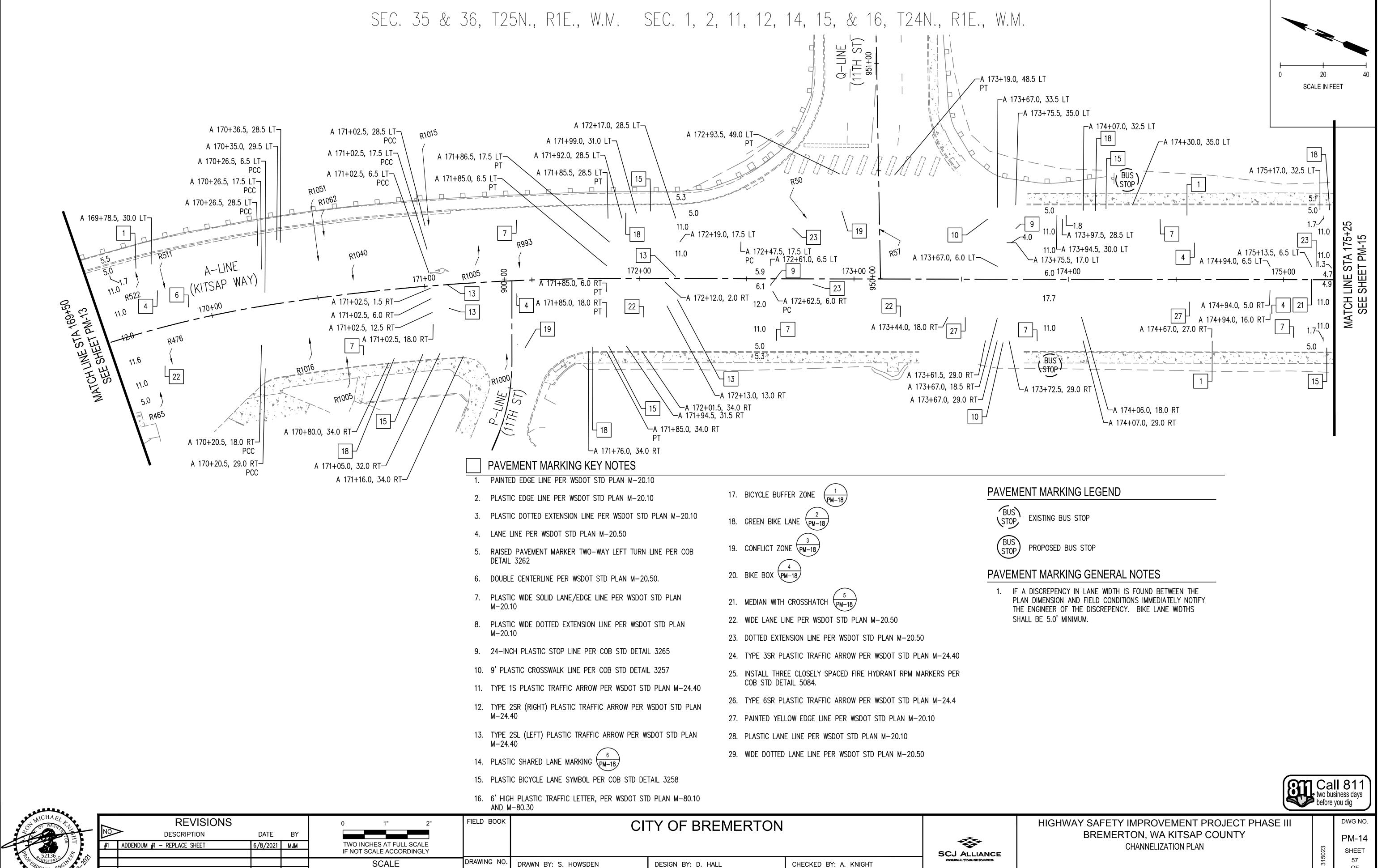
OF

100

Jun 09, 2021 6:34:58pm – User george.hilen



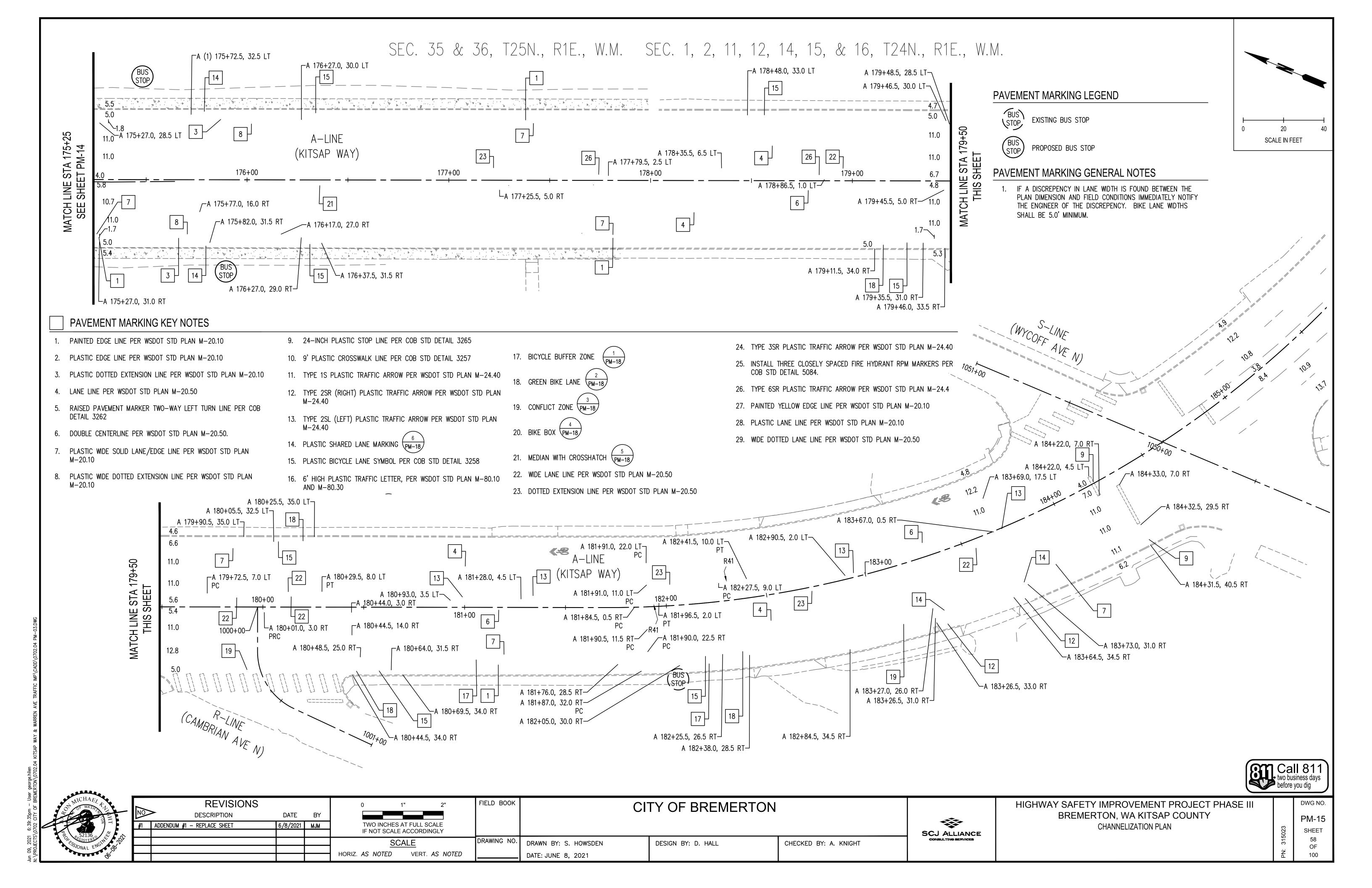




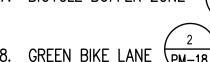
HORIZ. AS NOTED

VERT. AS NOTED

DATE: JUNE 8, 2021



- PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10
- 17. BICYCLE BUFFER ZONE



19. CONFLICT ZONE PM-18

20. BIKE BOX PM-18

- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

PAVEMENT MARKING LEGEND



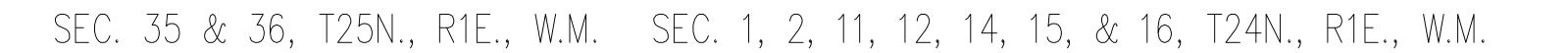
EXISTING BUS STOP

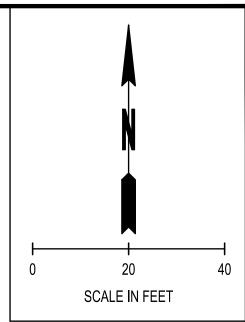


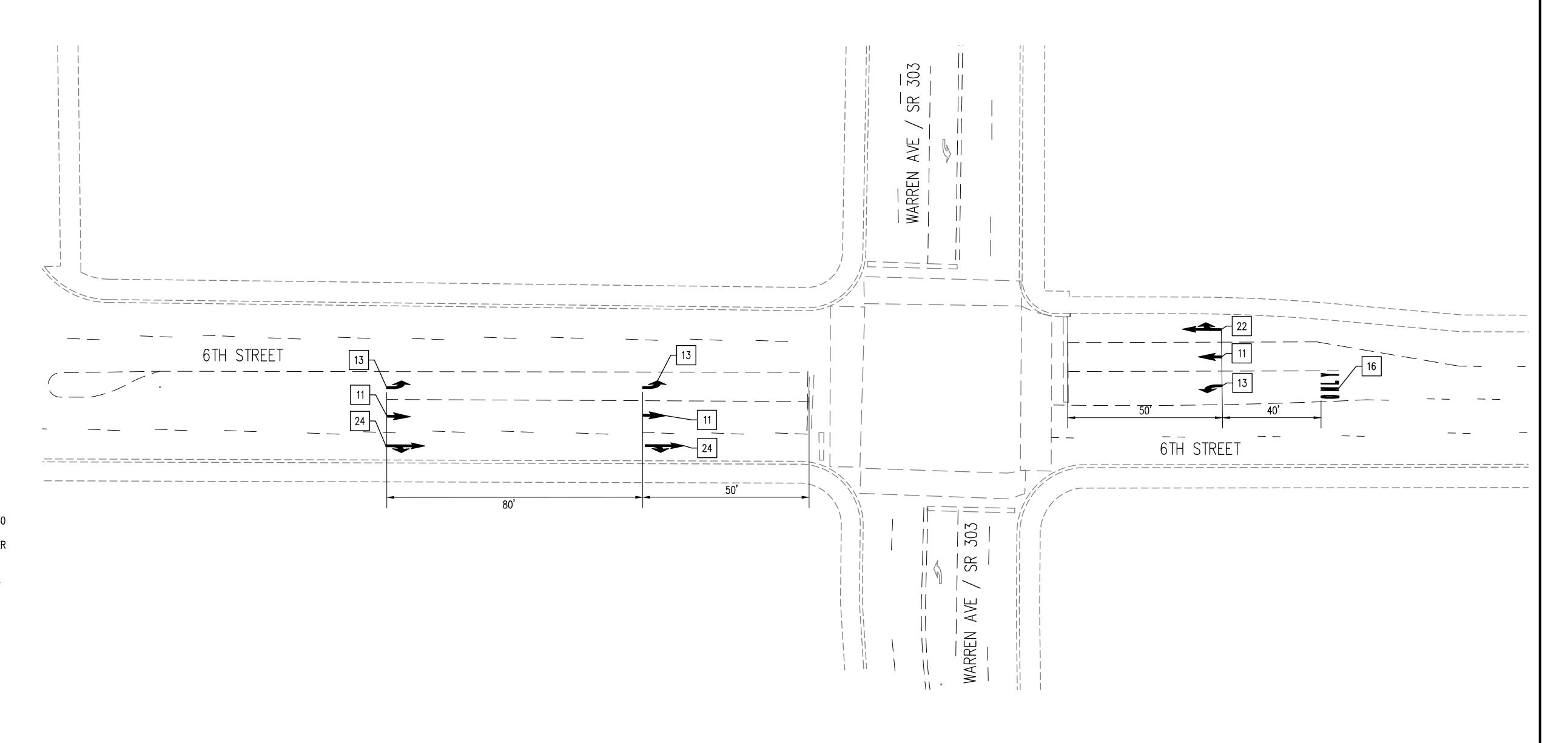
PROPOSED BUS STOP

PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS







CHECKED BY: A. KNIGHT

Call 811 two business days before you dig

لوه	MICHAEL	
3 0	OF WASH, THE	
To Po	52136 CISTERS	
3	SSIONAL ENGINE	

	7		REVISI
•	NO.	>	DESCRIPTION
	#1	ADDENDUM #	1 - REPLACE SHEET
			-
			•

REVISIONS			0	1" 2"
DESCRIPTION	DATE	BY		
DENDUM #1 - REPLACE SHEET	6/8/2021	MJM		AT FULL SCALE
			IF NOT SCALE	EACCORDINGLY
			SC	CALE
			HORIZ. AS NOTED	VERT. AS NOTED

0	1"	2"		
TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY				
SCALE				

2"	FIELD
JLL SCALE ORDINGLY	
	DRAWII

IG NO.	DRAWN BY: S. HOWSDEN
	DATE: JUNE 8, 2021

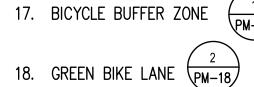
DESIGN BY: D. HALL

CITY OF BREMERTON



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

- 1. PAINTED EDGE LINE PER WSDOT STD PLAN M-20.10
- 2. PLASTIC EDGE LINE PER WSDOT STD PLAN M-20.10
- 3. PLASTIC DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.10
- 4. LANE LINE PER WSDOT STD PLAN M-20.50
- 5. RAISED PAVEMENT MARKER TWO-WAY LEFT TURN LINE PER COB DETAIL 3262
- 6. DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.50.
- 7. PLASTIC WIDE SOLID LANE/EDGE LINE PER WSDOT STD PLAN
- 8. PLASTIC WIDE DOTTED EXTENSION LINE PER WSDOT STD PLAN
- 9. 24-INCH PLASTIC STOP LINE PER COB STD DETAIL 3265
- 10. 9' PLASTIC CROSSWALK LINE PER COB STD DETAIL 3257
- 11. TYPE 1S PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 12. TYPE 2SR (RIGHT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 13. TYPE 2SL (LEFT) PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 14. PLASTIC SHARED LANE MARKING (PM-18)
- 15. PLASTIC BICYCLE LANE SYMBOL PER COB STD DETAIL 3258
- 16. 6' HIGH PLASTIC TRAFFIC LETTER, PER WSDOT STD PLAN M-80.10 AND M-80.30



19. CONFLICT ZONE PM-18

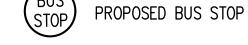
20. BIKE BOX PM-18



- 22. WIDE LANE LINE PER WSDOT STD PLAN M-20.50
- 23. DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50
- 24. TYPE 3SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.40
- 25. INSTALL THREE CLOSELY SPACED FIRE HYDRANT RPM MARKERS PER COB STD DETAIL 5084.
- 26. TYPE 6SR PLASTIC TRAFFIC ARROW PER WSDOT STD PLAN M-24.4
- 27. PAINTED YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10
- 28. PLASTIC LANE LINE PER WSDOT STD PLAN M-20.10
- 29. WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.50

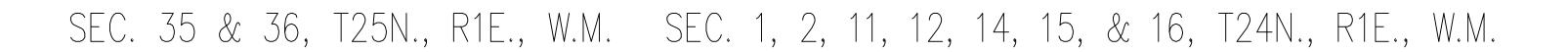
PAVEMENT MARKING LEGEND

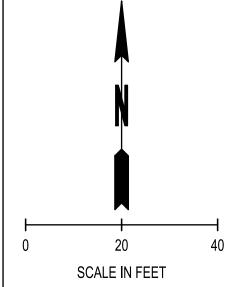


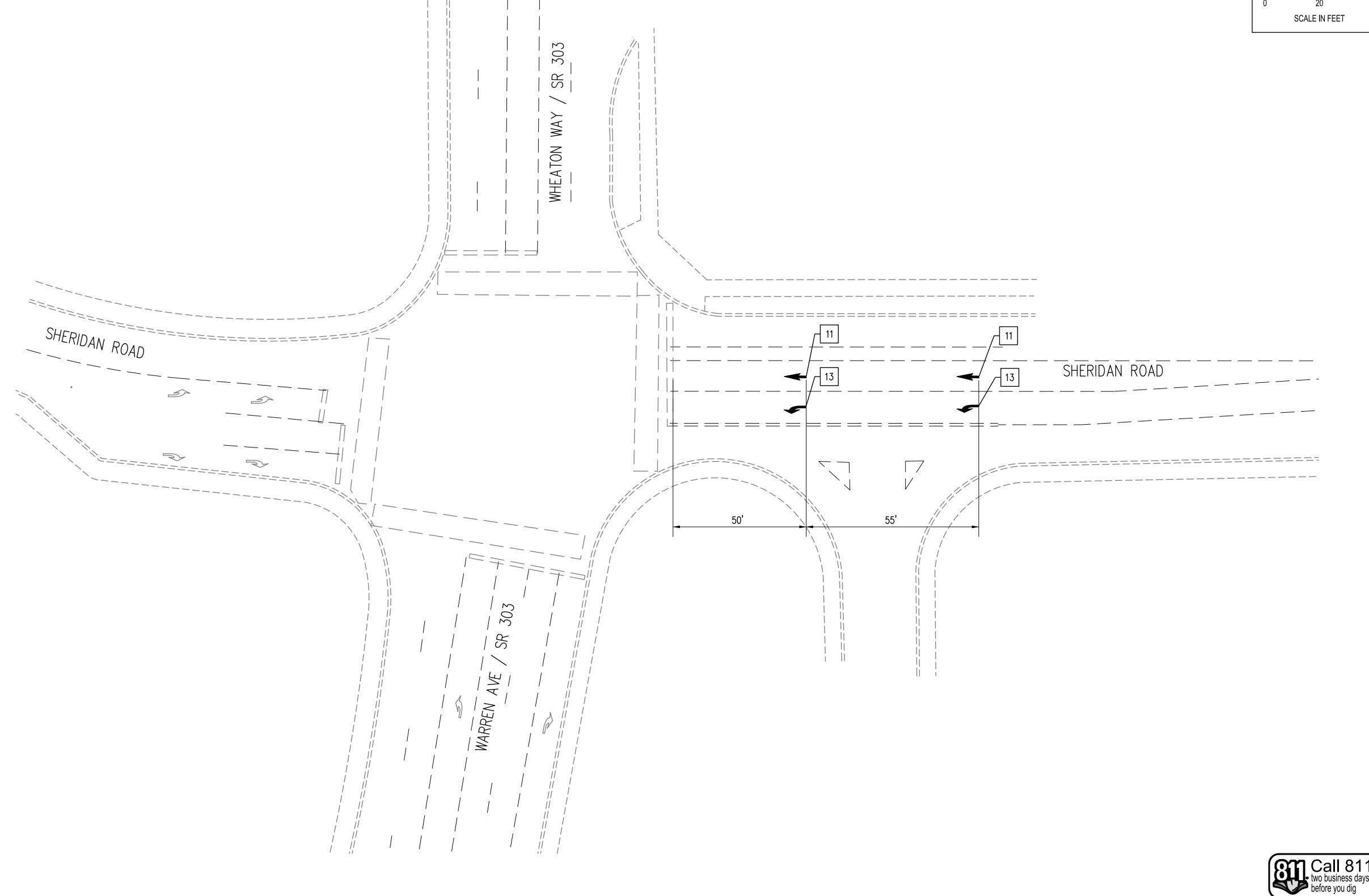


PAVEMENT MARKING GENERAL NOTES

1. IF A DISCREPENCY IN LANE WIDTH IS FOUND BETWEEN THE PLAN DIMENSION AND FIELD CONDITIONS IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCREPENCY. BIKE LANE WIDTHS









₹.	
ON TT	-
WEITE SOL	
36	
%	

1	NO
THT	#1
Sing Soil	
1 100	

TH		>
	# 1	ADD
7 %		

	REVISIONS			0
VO>	DESCRIPTION	DATE	BY	
#1	ADDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES
				IF NOT SCALE
				SC
				HORIZ. AS NOTED
				HURIZ. AS NUTED

0	1"		2"			
		FULL SCALI				
IF NOT SCALE ACCORDINGLY						
SCALE						

1	"	2	."
NCHES A			
SC	ALE		

1"	2"				
HES AT FULL CALE ACCOR					
<u>SCALE</u>					

VERT. AS NOTED

RAWING NO.	DRAWN BY: S. HOWS
	DATE: JUNE 8, 2021

FIELD BOOK

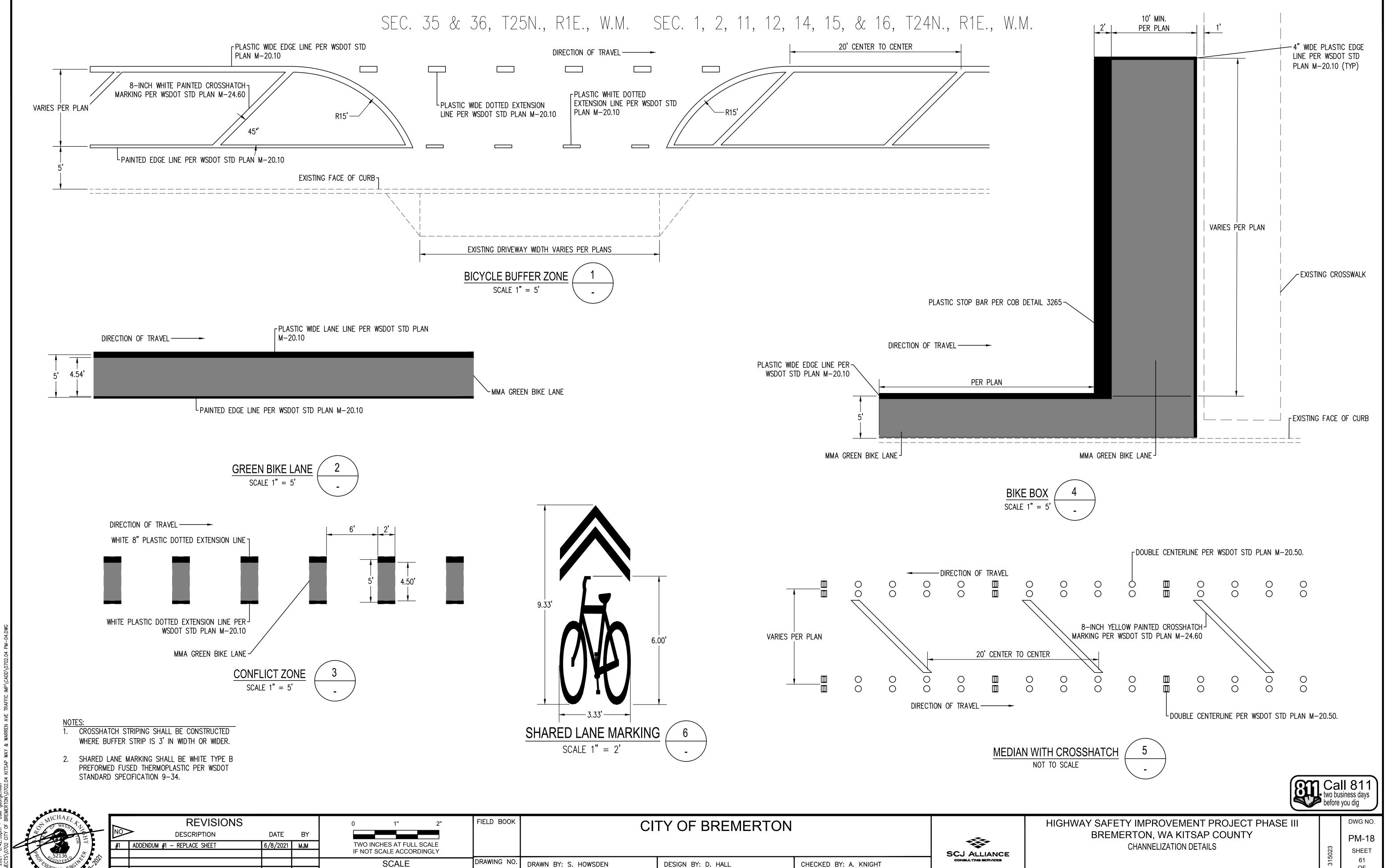
HOWSDEN DESIGN BY: D. HALL

CITY OF BREMERTON

CHECKED BY: A. KNIGHT



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY CHANNELIZATION PLAN

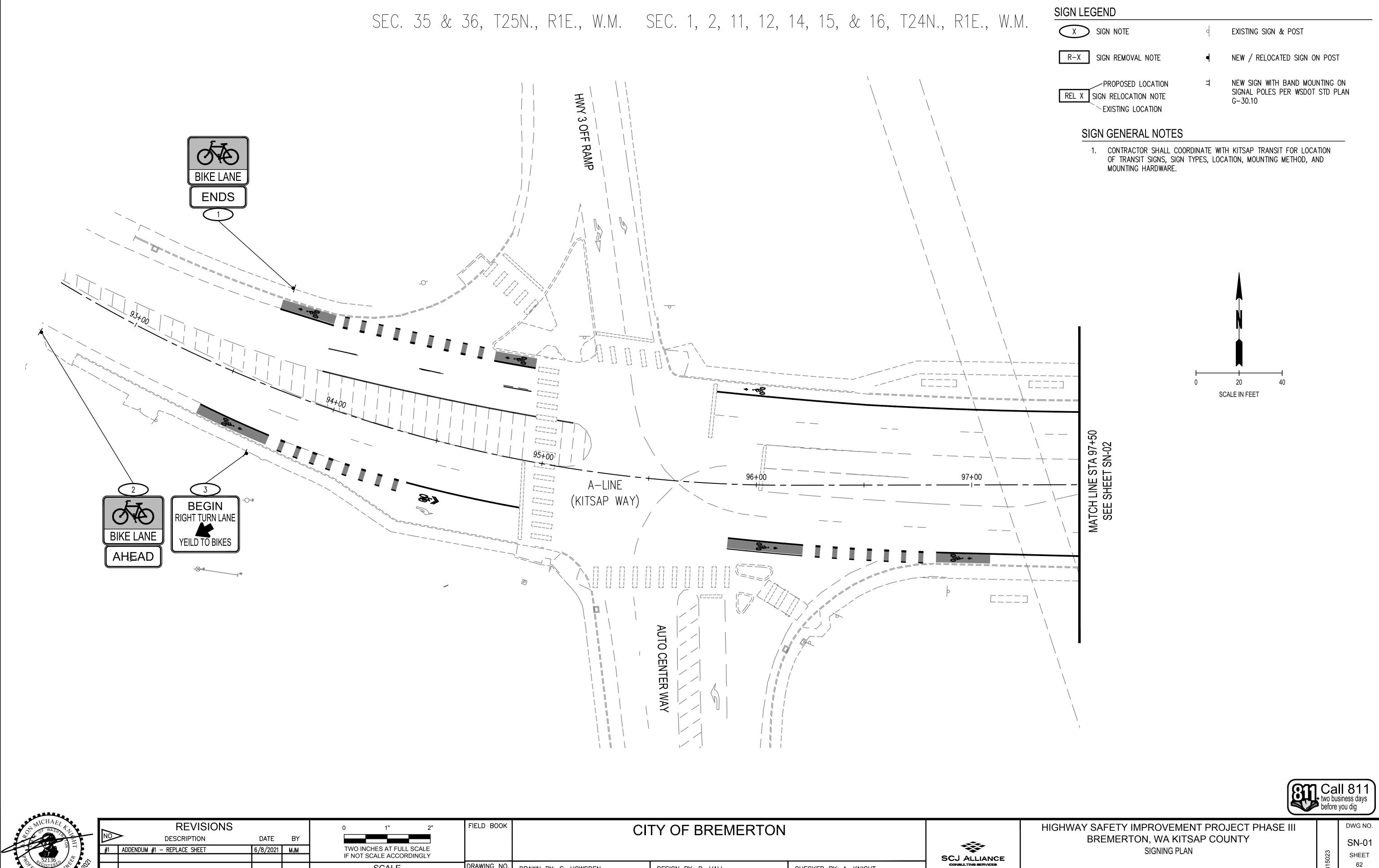


Jun 09, 2021 6; 42: 59pm – User george, hilen

HORIZ. AS NOTED

VERT. AS NOTED

DATE: JUNE 8, 2021



DESIGN BY: D. HALL

CHECKED BY: A. KNIGHT

DRAWING NO.

DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

<u>SCALE</u>

HORIZ. AS NOTED VERT. AS NOTED

X SIGN NOTE

EXISTING SIGN & POST

R-X SIGN REMOVAL NOTE

NEW / RELOCATED SIGN ON POST

PROPOSED LOCATION

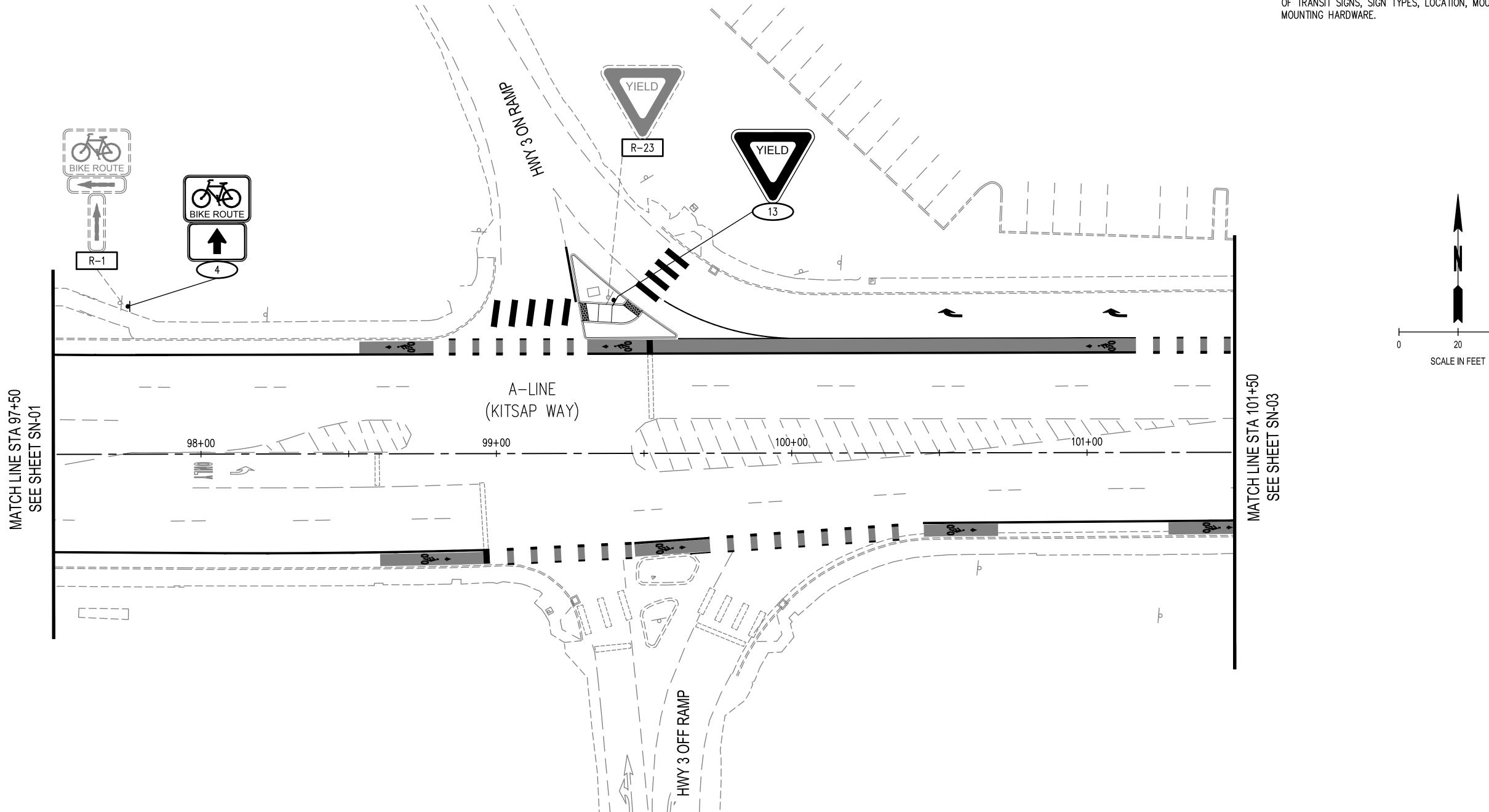
REL X SIGN RELOCATION NOTE

EXISTING LOCATION

NEW SIGN WITH BAND MOUNTING ON SIGNAL POLES PER WSDOT STD PLAN G-30.10

SIGN GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT FOR LOCATION OF TRANSIT SIGNS, SIGN TYPES, LOCATION, MOUNTING METHOD, AND MOUNTING HARDWARE.



Call 81 two business days before you dig

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	لو.	
•	MICHAE	LA	
	MICHAE OF WASH	32	-
	S	THI	
) ~ F	
1 80	52136 FEGISTERES FSIONAL EV	WEITE OF OU	`
•	CSONAL E	MGT BY	
	MARROL	6/2	

	REVISIONS			0 1" 2"	FIELD BOOK	CI.	TY OF BREMERTON		
NO>	DESCRIPTION	DATE	BY			OI	I I OI BILLINEILI OIL		
# 1	ADDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE					-
				IF NOT SCALE ACCORDINGLY					SCJ
				SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONS
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			

SCJ ALLIANCE CONSULTING SERVICES

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE	III
BREMERTON, WA KITSAP COUNTY	
SIGNING PLAN	

X SIGN NOTE

EXISTING SIGN & POST

R-X SIGN REMOVAL NOTE

NEW / RELOCATED SIGN ON POST

PROPOSED LOCATION

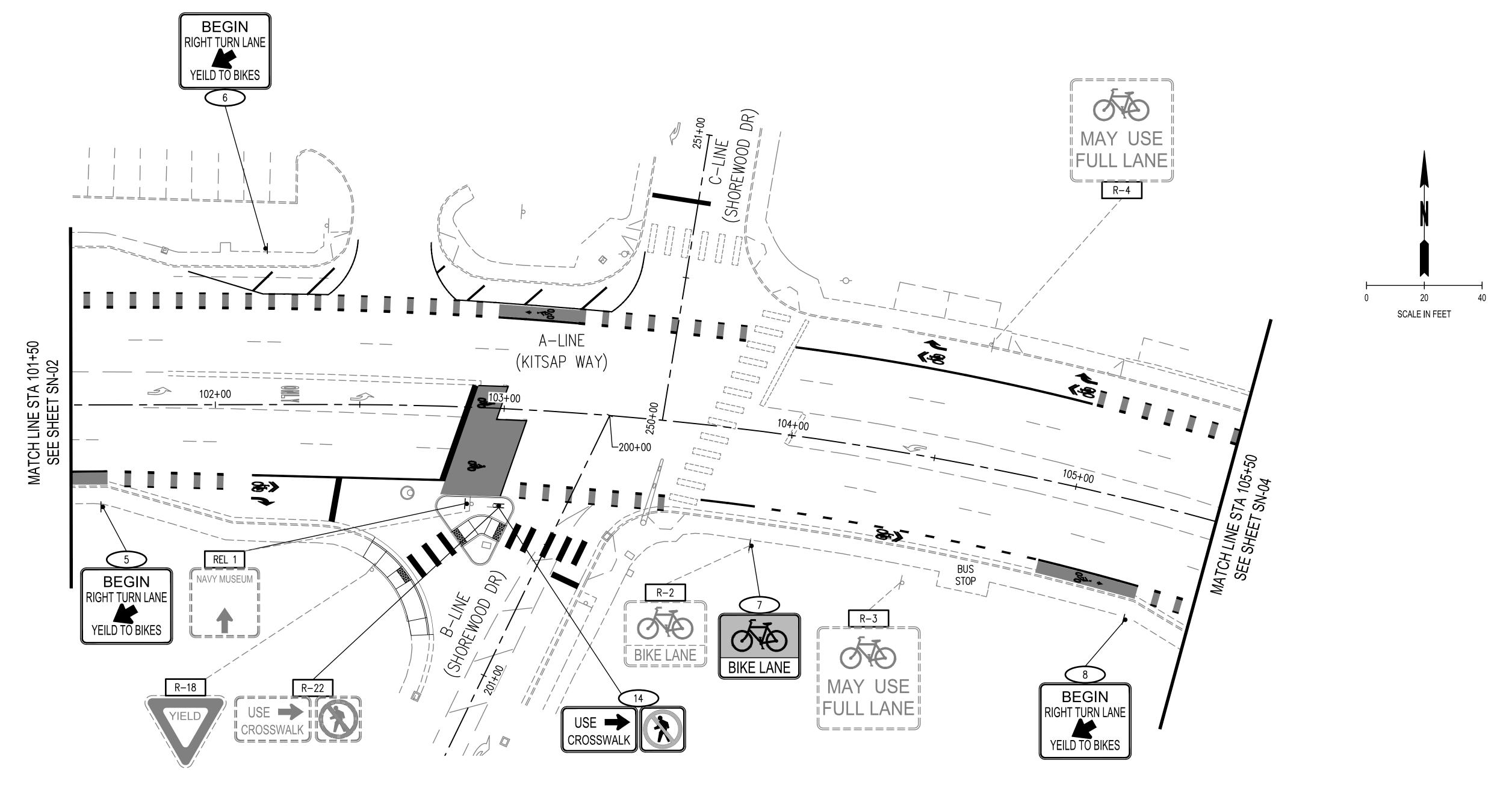
REL X SIGN RELOCATION NOTE

EXISTING LOCATION

NEW SIGN WITH BAND MOUNTING ON SIGNAL POLES PER WSDOT STD PLAN G-30.10

SIGN GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT FOR LOCATION OF TRANSIT SIGNS, SIGN TYPES, LOCATION, MOUNTING METHOD, AND MOUNTING HARDWARE.



Call 811 two business days before you dig

دو.	MICHAEL	
200	MICHAEL OF WASHING	
	2 7	
1 70x	STONAL ENGINE	
	Sanna &	

\ <u>\</u>	REVISIONS DESCRIPTION	DATE	BY	0 1	2"	FIELD BOOK	CI	TY OF BREMERTON		
# 1	ADDENDUM #1 — REPLACE SHEET	6/8/2021	MJM	TWO INCHES A IF NOT SCALE A						S
				SCA	<u>ALE</u>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	
				HORIZ. AS NOTED	VERT. AS NOTED		DATE: JUNE 8, 2021			



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY SIGNING PLAN DWG NO.

SN-03
SHEET
64
OF
100

X SIGN NOTE

EXISTING SIGN & POST

R-X SIGN REMOVAL NOTE

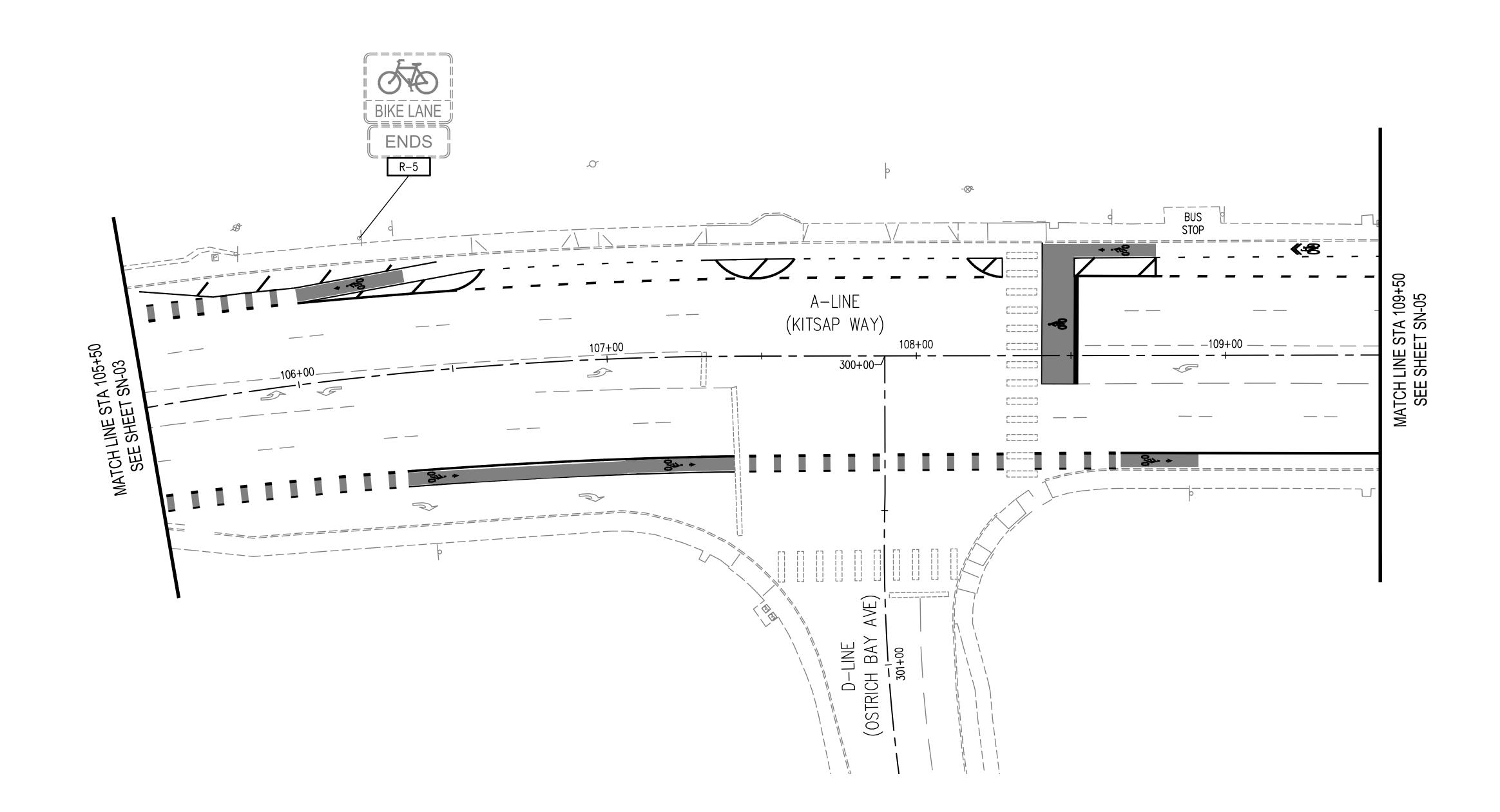
NEW / RELOCATED SIGN ON POST

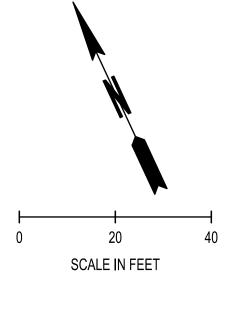
PROPOSED LOCATION
REL X SIGN RELOCATION NOTE
EXISTING LOCATION

NEW SIGN WITH BAND MOUNTING ON SIGNAL POLES PER WSDOT STD PLAN G-30.10

SIGN GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT FOR LOCATION OF TRANSIT SIGNS, SIGN TYPES, LOCATION, MOUNTING METHOD, AND MOUNTING HARDWARE.





Call 811 two business days before you dig

٠	مععم	ا
MAN	MCHAEL	t
	OF WAS AT A	1
	· Charles	TH
P	52136 o	\& \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PROFES	REGISTERED	THE POIL
100	20NAL EN	200

PEVISIONS DESCRIPTION ADDENDUM #1 - REPLACE SHEET	DATE 6/8/2021	BY MJM	TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY	FIELD BOOK	CI	TY OF BREMERTON		SCJ ALLIANCE
			<u>SCALE</u>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
			HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.

MAY USE

FULL LANE



X SIGN NOTE

EXISTING SIGN & POST

R-X SIGN REMOVAL NOTE

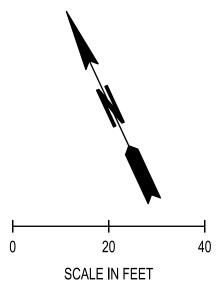
NEW / RELOCATED SIGN ON POST

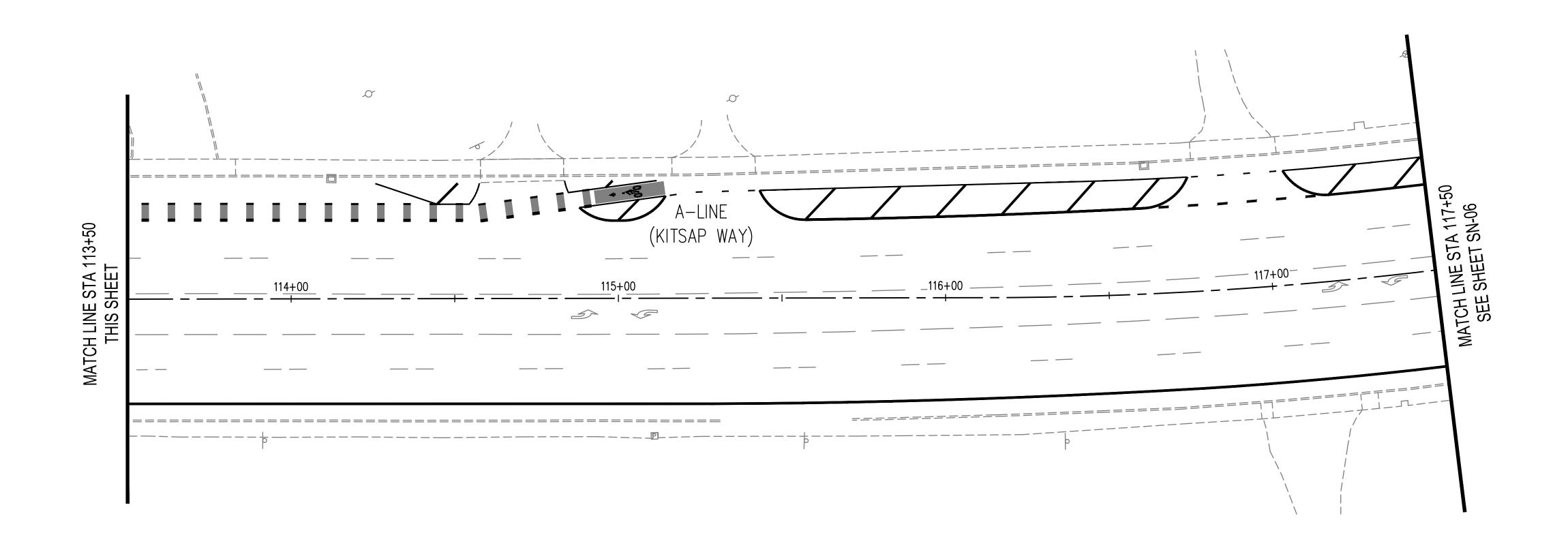
REL X SIGN RELOCATION NOTE EXISTING LOCATION

NEW SIGN WITH BAND MOUNTING ON SIGNAL POLES PER WSDOT STD PLAN G-30.10

SIGN GENERAL NOTES

CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT FOR LOCATION OF TRANSIT SIGNS, SIGN TYPES, LOCATION, MOUNTING METHOD, AND MOUNTING HARDWARE.





A-LINE

(KITSAP WAY)

AEL ASHID	
EBED NEW 201	
ERED INCINE POL	
L ENG	

MATCH LINE STA 109+50 SEE SHEET SN-04

REVISIONS FIELD BOOK CITY OF BREMERTON DESCRIPTION DATE BY TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM SCJ ALLIANCE CONSULTING SERVICES DRAWING NO. DRAWN BY: S. HOWSDEN SCALE DESIGN BY: D. HALL CHECKED BY: A. KNIGHT DATE: JUNE 8, 2021



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY SIGNING PLAN

SN-05

X SIGN NOTE

EXISTING SIGN & POST

R-X SIGN REMOVAL NOTE

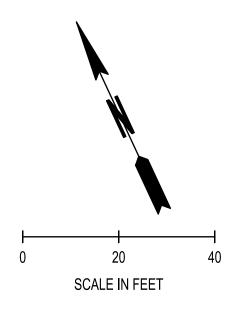
NEW / RELOCATED SIGN ON POST

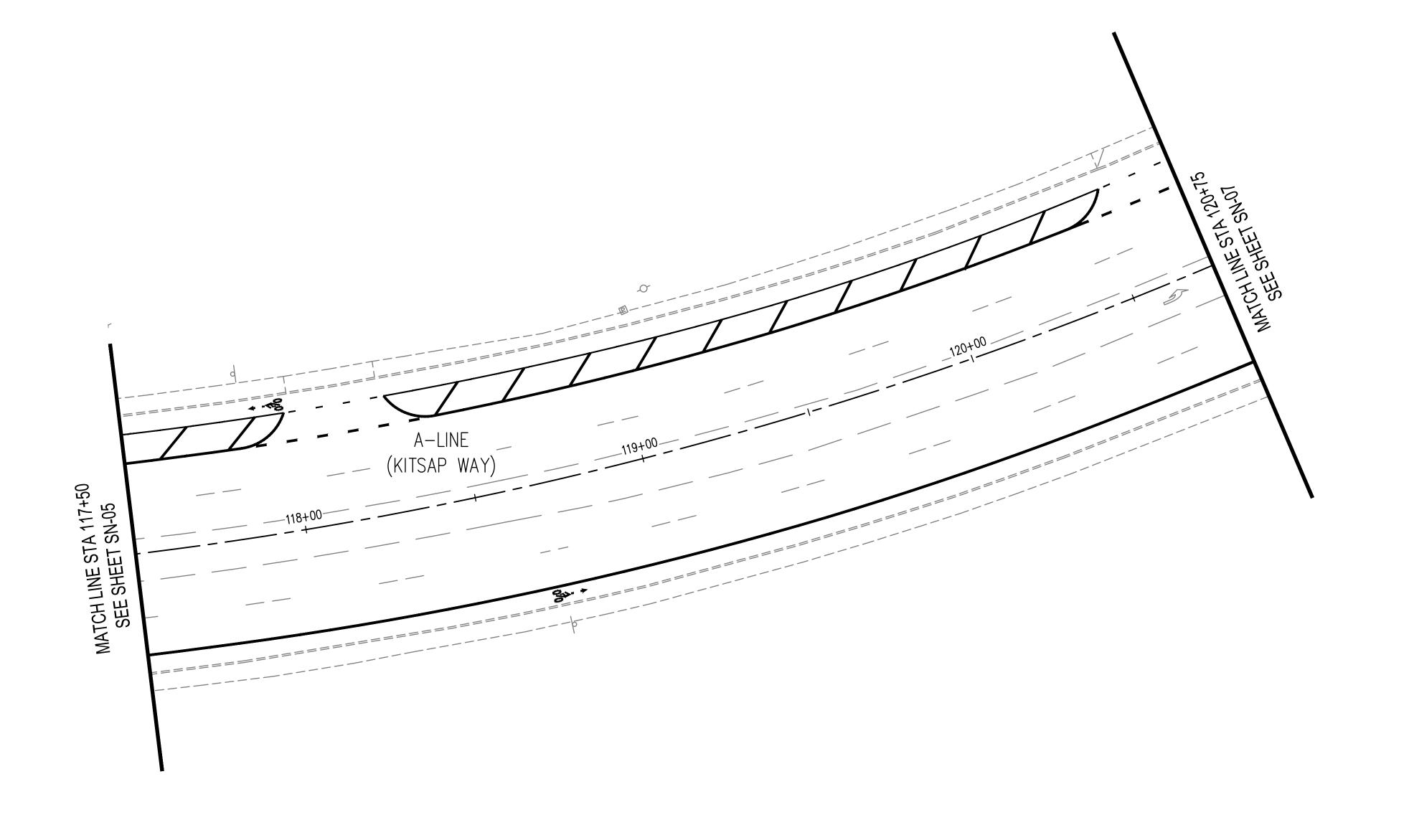
REL X SIGN RELOCATION NOTE EXISTING LOCATION

NEW SIGN WITH BAND MOUNTING ON SIGNAL POLES PER WSDOT STD PLAN G-30.10

SIGN GENERAL NOTES

CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT FOR LOCATION OF TRANSIT SIGNS, SIGN TYPES, LOCATION, MOUNTING METHOD, AND MOUNTING HARDWARE.

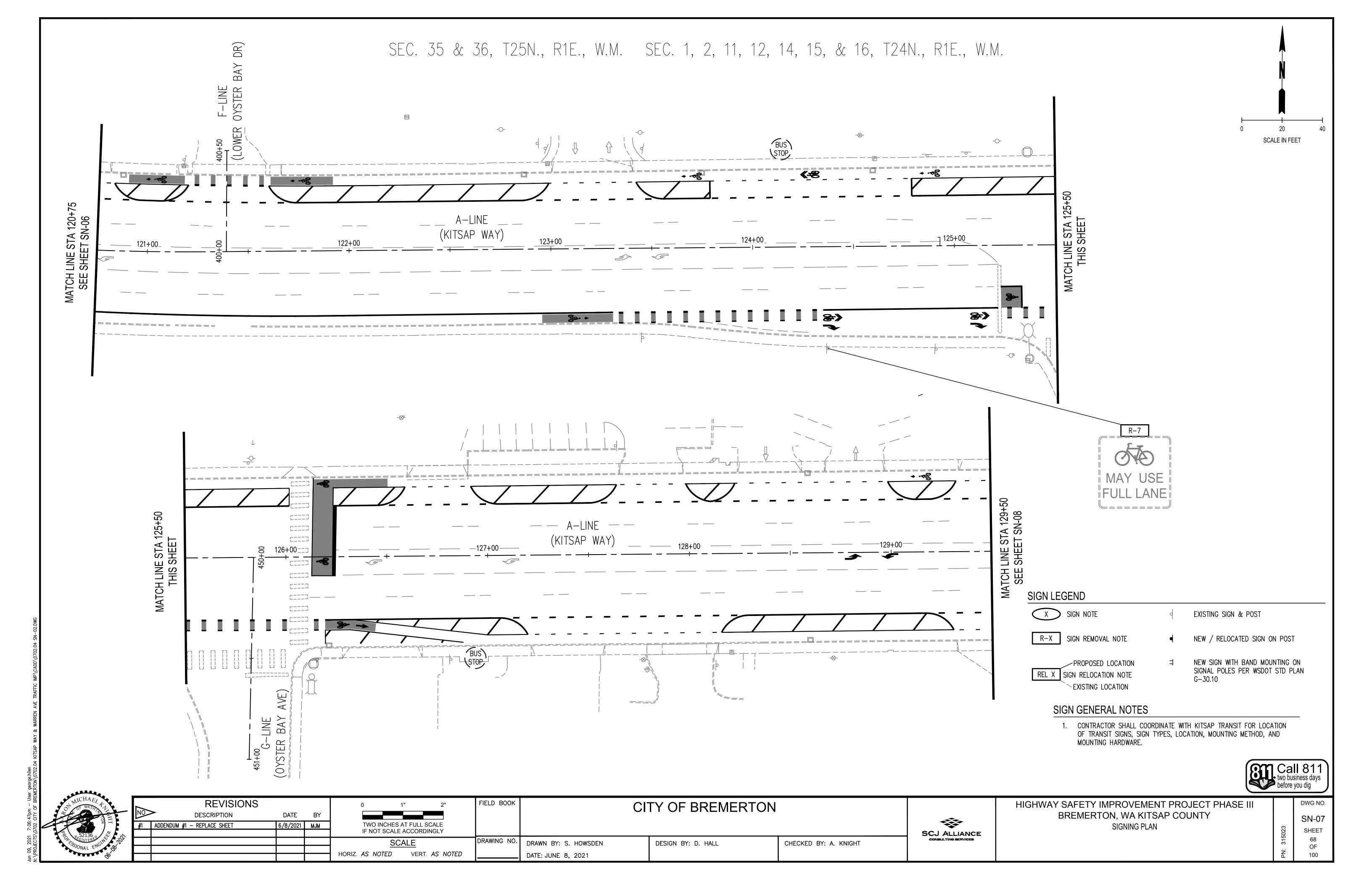


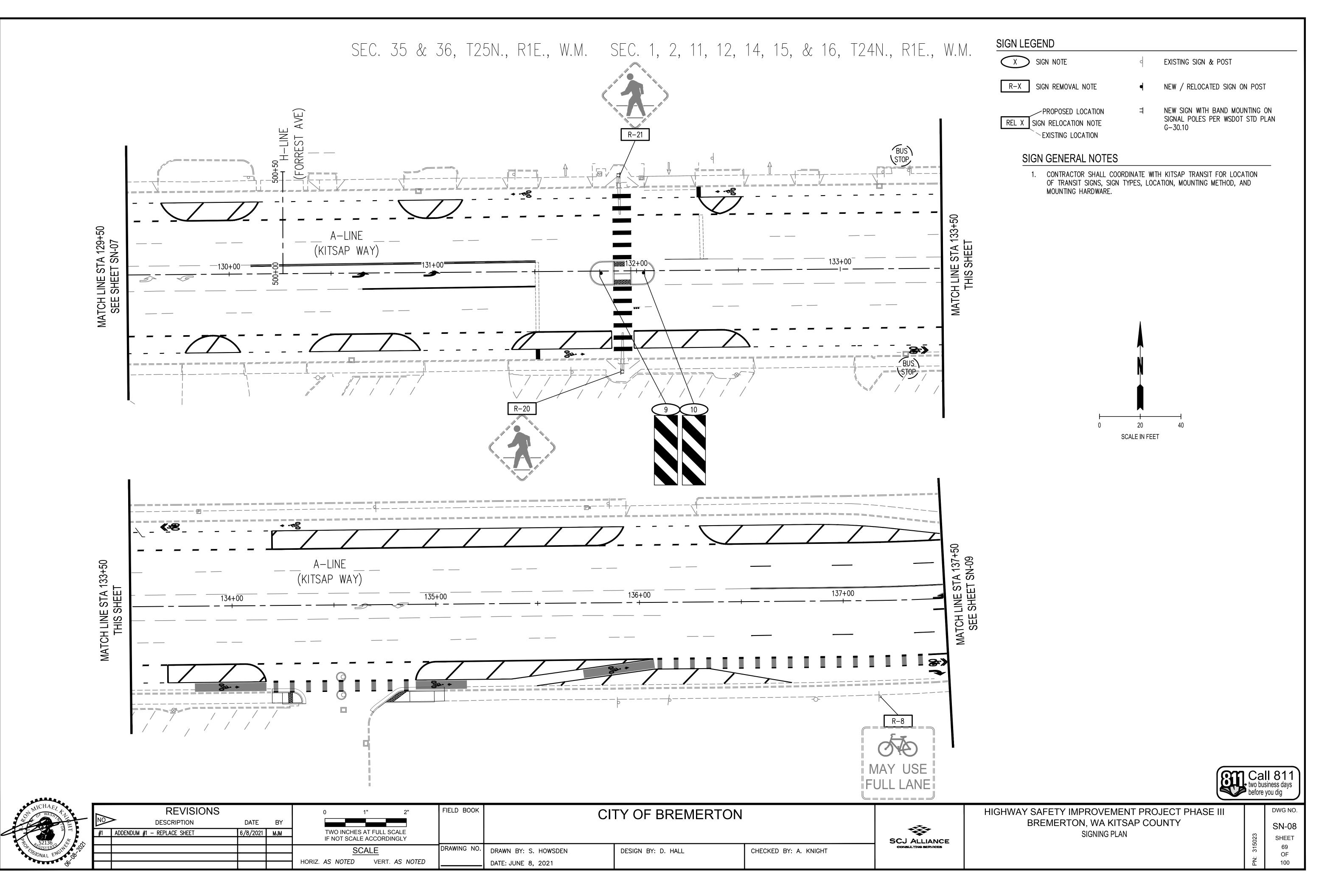




٠	-	<u>د</u>
Je N	MCHAEL	6
	OF WAS AT THE	1
	· A	TH
To the second	52136	
PROFES	CONTERED	000
	PONAL EN	1 00

REVISIONS			0 1" 2"	FIELD BOOK	CI.	TY OF BREMERTON		
DESCRIPTION	DATE	BY			O.	II OI BILLINEILIOIT		
ADDENDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE					
			IF NOT SCALE ACCORDINGLY					SCJ ALLIANCE
			SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
								1
			HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			1





, 2021 7:07:30pm – User george.hilen

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.

MAY USE

FULL LANE

SIGN LEGEND

X SIGN NOTE

EXISTING SIGN & POST

R-X SIGN REMOVAL NOTE

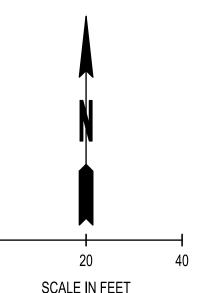
NEW / RELOCATED SIGN ON POST

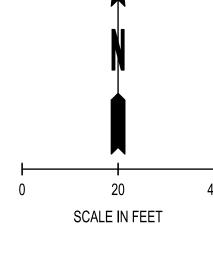
-PROPOSED LOCATION REL X SIGN RELOCATION NOTE EXISTING LOCATION

NEW SIGN WITH BAND MOUNTING ON SIGNAL POLES PER WSDOT STD PLAN G-30.10

SIGN GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT FOR LOCATION OF TRANSIT SIGNS, SIGN TYPES, LOCATION, MOUNTING METHOD, AND MOUNTING HARDWARE.





_	present.	
*	MICHAEL	ľ
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	OF WASHING	l
	THE STATE OF THE S	L
オ		L
PRO	ESTONAL ENGINE	L
	SECISTERED TO THE TOTAL SECOND	Ļ
~>	JONAL EL 30	ı

MATCH LINE STA 137+500 SEE SHEET SN-08

-O-

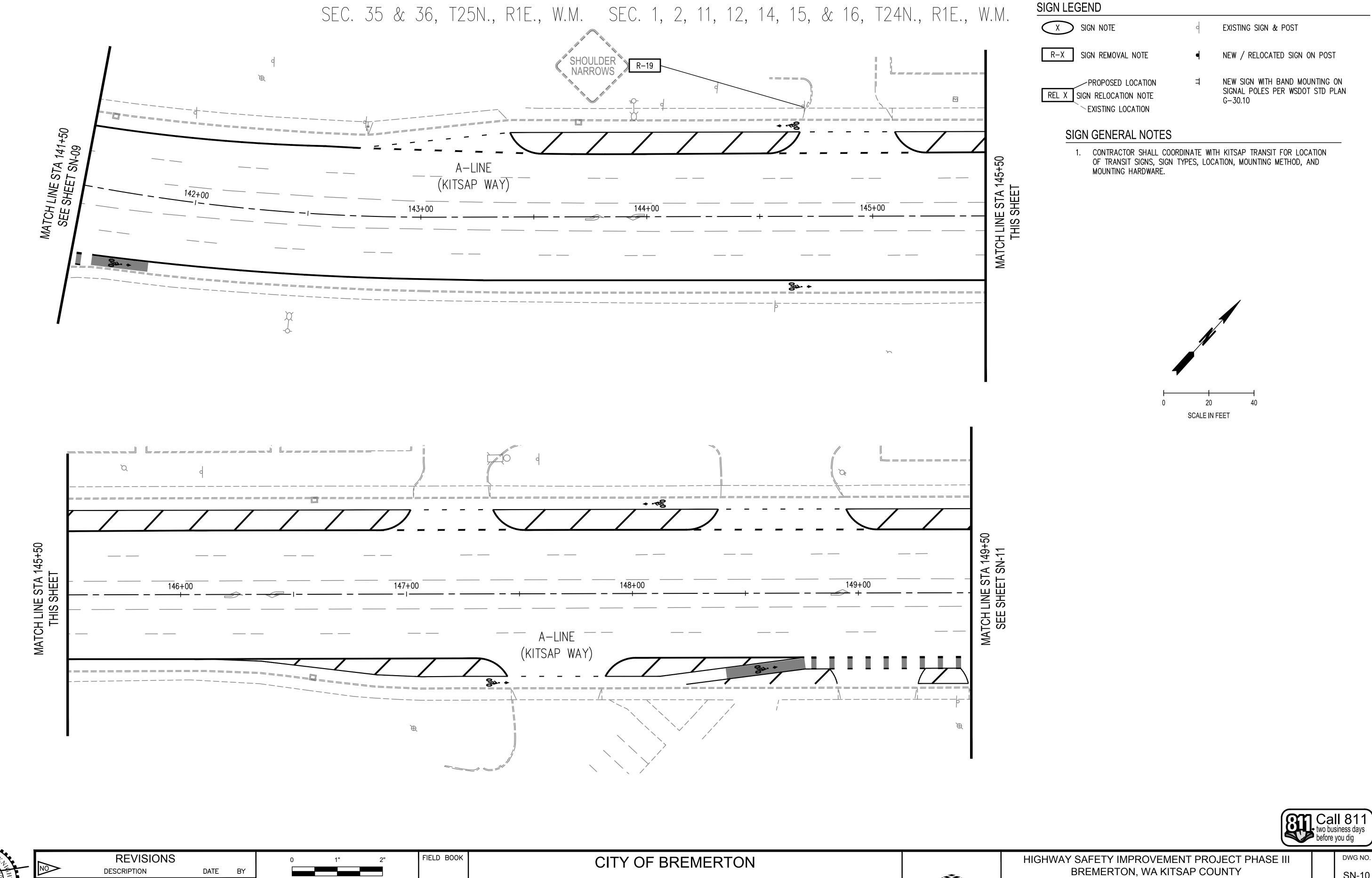
REVISIONS FIELD BOOK CITY OF BREMERTON DATE DESCRIPTION TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY 6/8/2021 MJM ADDENDUM #1 - REPLACE SHEET DRAWING NO. <u>SCALE</u> DRAWN BY: S. HOWSDEN DESIGN BY: D. HALL CHECKED BY: A. KNIGHT HORIZ. AS NOTED VERT. AS NOTED DATE: JUNE 8, 2021

A-LINE



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY SIGNING PLAN

DWG NO. SN-09



DESIGN BY: D. HALL

ADDENDUM #1 - REPLACE SHEET

6/8/2021 MJM

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY

SCALE

VERT. AS NOTED

DRAWING NO. DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

SN-10

SIGNING PLAN

SCJ ALLIANCE CONSULTING SERVICES

CHECKED BY: A. KNIGHT

X SIGN NOTE

EXISTING SIGN & POST

R-X SIGN REMOVAL NOTE

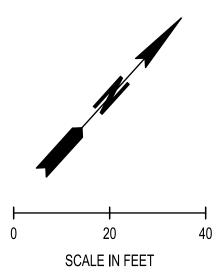
NEW / RELOCATED SIGN ON POST

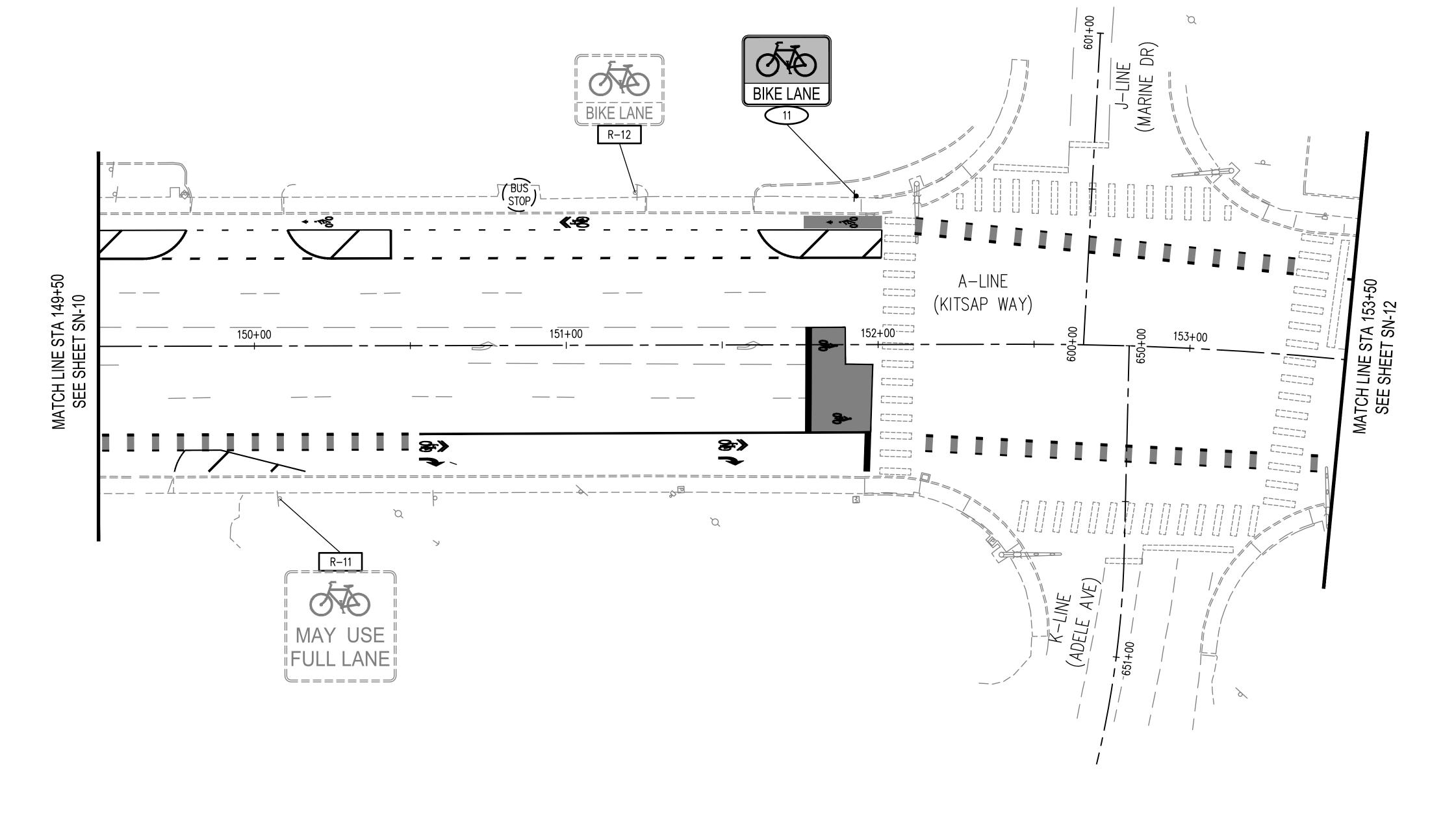
-PROPOSED LOCATION REL X SIGN RELOCATION NOTE EXISTING LOCATION

NEW SIGN WITH BAND MOUNTING ON SIGNAL POLES PER WSDOT STD PLAN G-30.10

SIGN GENERAL NOTES

CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT FOR LOCATION OF TRANSIT SIGNS, SIGN TYPES, LOCATION, MOUNTING METHOD, AND MOUNTING HARDWARE.

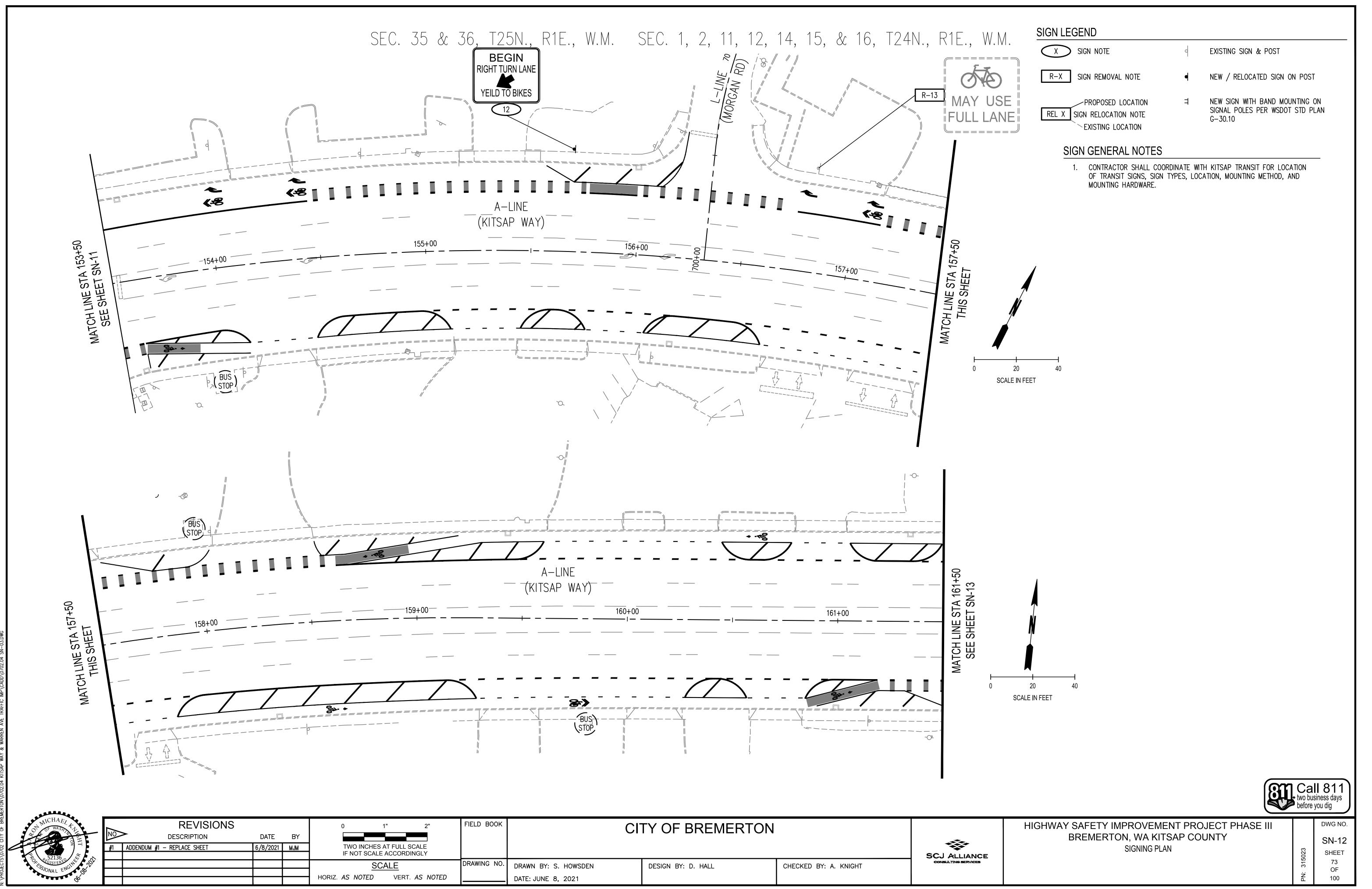




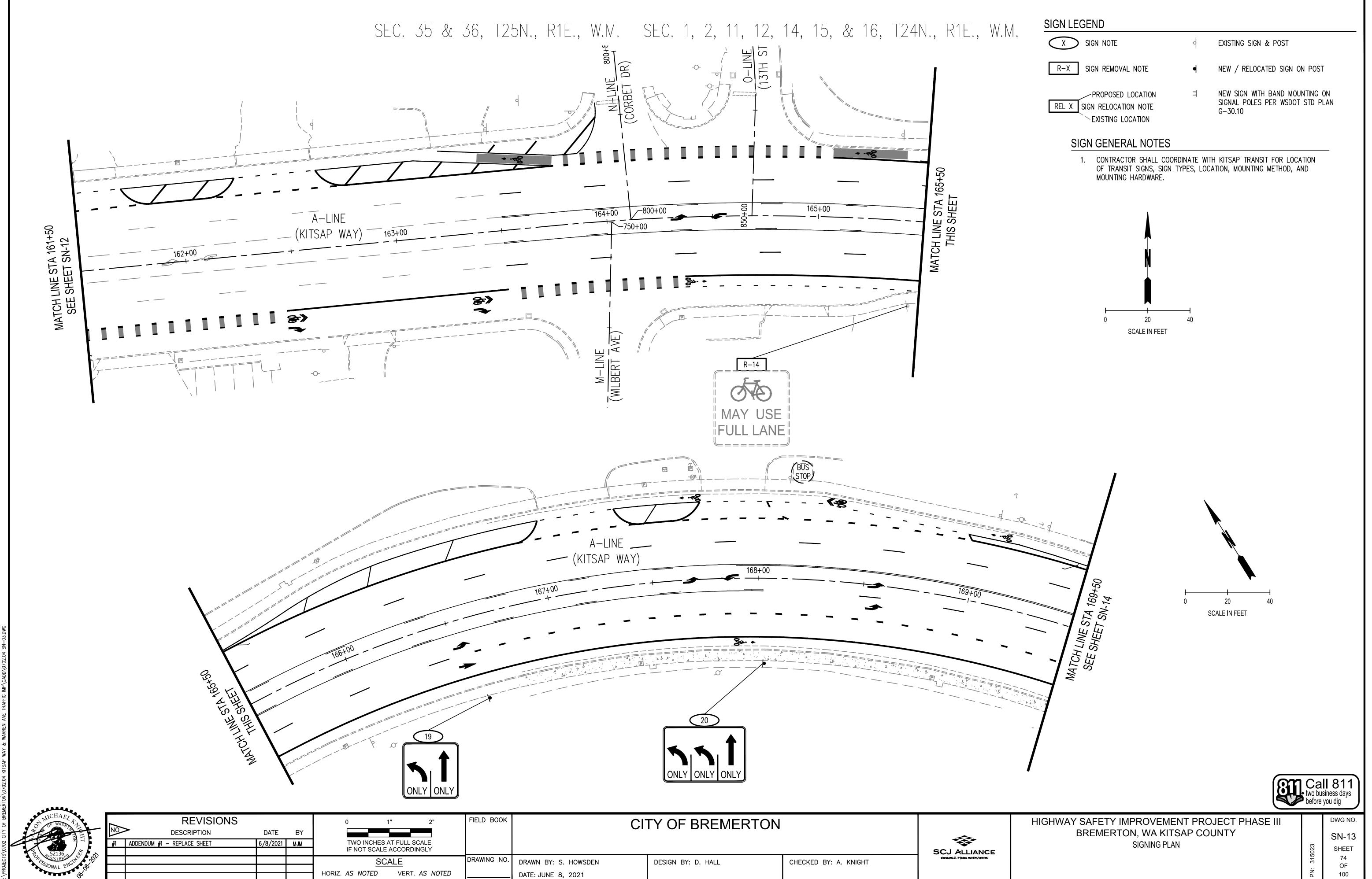


	CILA	مو	
کو	MICHAE OF WASA	T. C.	
2		3	'
	52136 PEGISTERS STONAL E	WCINET SOL	
•	STONAL E	WEINER SOL	

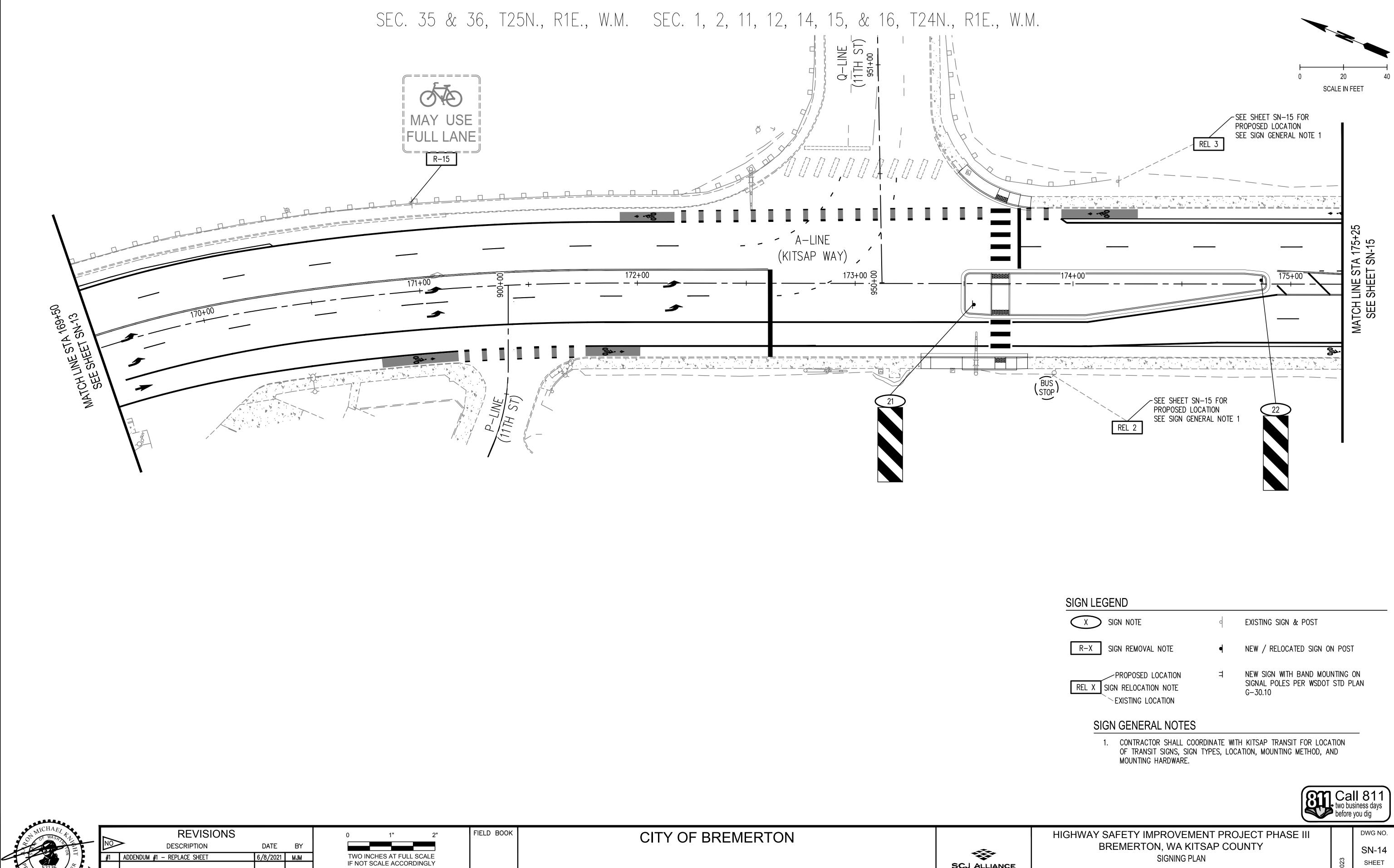
70 >	REVISIONS DESCRIPTION	DATE	BY	0 1" 2"	FIELD BOOK	CITY OF BREMERTON			
# 1	ADDENDUM #1 — REPLACE SHEET	6/8/2021	МЈМ	TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY					SCJ ALLIANCE
				<u>SCALE</u> HORIZ. <i>AS NOTED</i> VERT. <i>AS NOTED</i>	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			



19, 2021 7:23:58pm — User george.hilen



09, 2021 7:24:31pm – User george.hilen



DESIGN BY: D. HALL

CHECKED BY: A. KNIGHT

DRAWING NO.

DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

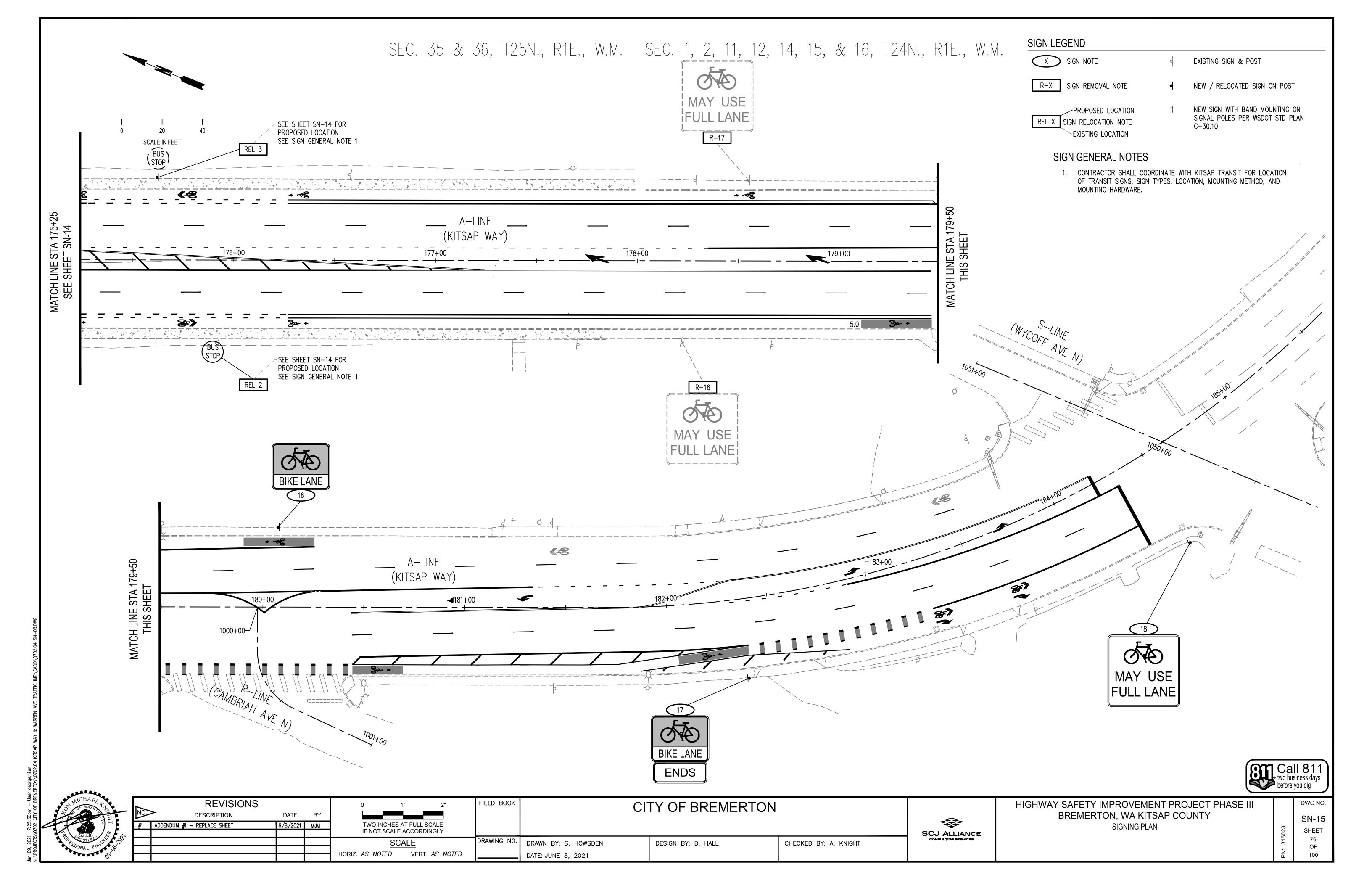
<u>SCALE</u>

HORIZ. AS NOTED VERT. AS NOTED

SCJ ALLIANCE CONSULTING SERVICES

SIGNING PLAN

SN-14 SHEET



SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.

SIGN INSTALLATION SPECIFICATIONS (SP-##)

						<u> </u>				
SIGN	SIGN	CION DECODIDATION	PROPOSED	SIGN	SIZE	POST	POST SIZE	CLEA	RANCE	DEMARKS
NO.	CODE NUMBER	SIGN DESCRIPTION	LOCATION	X (INCH)	Y (INCH)	MATERIAL	(INCH X INCH)	V	W	- REMARKS
_	R3-17	BIKE LANE	A 07 C4 0 4C 7 T	24	18	OTEE	01/0	_	47.5	MOUNT ABOVE R3-17B9
1	R3-17BP	ENDS	A 93+61.2, 46.3 LT	24	8	STEEL	2X2	/	13.5	
	R3-17	BIKE LANE	A 021641 25 5 DT	24	18	CTEFI	0.40	7	17.5	MOUNT ABOVE R3-17AP
2	R3-17AP	AHEAD	A 92+64.1, 25.5 RT	24	8	STEEL	2X2	′	13.5	
3	R4-4	BEGIN RIGHT TURN LANE-YIELD TO BIKES	A 93+96.8, 32.9 RT	36	30	STEEL	2X2	7	13.5	
4	D11-1	BIKE ROUTE (PLAQUE)	A 97+75.3, 50.1 LT	24	18	CTEE	272	7	17.5	MOUNT ABOVE M6-3, WHITE, GREEN BACKGROUND
4	M6-3	BICYCLE ROUTE AUXILIARY SIGNS	A 9/+/3.3, 30.1 LT	12	9	STEEL	2X2	′	13.5	WHITE, GREEN BACKGROUND
5	R4-4	BEGIN RIGHT TURN LANE-YIELD TO BIKES	A 101+61.0, 35.3 RT	36	30	STEEL	2X2	7	13.5	
6	R4-4	BEGIN RIGHT TURN LANE-YIELD TO BIKES	A 102+17.2, 48.3 LT	36	30	STEEL	2X2	7	13.5	
7	R3-17	BIKE LANE	A 103+91.0, 39.8 RT	24	18	STEEL	2X2	7	13.5	
8	R4-4	BEGIN RIGHT TURN LANE-YIELD TO BIKES	A 105+27.7, 40.9 RT	36	30	STEEL	2X2	7	13.5	
9	OM-3L	TYPE 3 OBJECT MARKERS	A 131+82.6, 1.1 RT	12	36	STEEL	2X2	4	2.0	
10	OM-3L	TYPE 3 OBJECT MARKERS	A 132+03.4, 1.0 RT	12	36	STEEL	2X2	4	2.0	
11	R3-17	BIKE LANE	A 151+93.1, 47.7 LT	24	18	STEEL	2X2	7	13.5	
12	R4-4	BEGIN RIGHT TURN LANE-YIELD TO BIKES	A 155+69.0, 48.7 LT	36	30	STEEL	2X2	7	13.5	
13	R1-2	YIELD	A 99+39.8, 51.9 LT	36	36	STEEL	2X2	7	13.5	
14	R9-3BP	USE CROSSWALK (PLAQUE)	A 102+99.8, 33.7 RT	18	12	STEEL	2-3/8" DIA.	7	13.5	MOUNT FACING SOUTH TOWARDS SHOREWOOD PER STEEL SIGN SUPPORT TYPE AP WSDOT STD PLAN G-24.10
14	R9-3	NO PEDESTRIANS	A 102+99.8, 33.7 RT	18	18	STEEL	2-3/8" DIA.	7	13.5	MOUNT FACING NORTH TOWARDS KITSAP WAY PER STEEL SIGN SUPPORT TYPE AP WSDOT STD PLAN G-24.10
15					NOTE NOT U	SED				
16	R3-17	BIKE LANE	A 180+07.5, 39.7 LT	24	18	STEEL	2X2	7	13.5	
17	R3-17	BIKE LANE	A 182.36.1, 39.5 RT	24	18	STEEL	2X2	7	13.5	MOUNT ABOVE R3-17BP
17	R3-17BP	ENDS	A 102.30.1, 39.3 KT	24	8	SIEEL	2^2	_ ′	15.5	
18	R4-11	BICYCLES MAY USE FULL LANE	A 184+47.4, 49.5 RT	30	30	STEEL	2X2	7	13.5	
19	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL SIGNS	A 166+60.9, 36.7 RT	30	30	STEEL	2X2	7	13.5	
20	R3-8 (MOD)	ADVANCE INTERSECTION LANE CONTROL SIGNS	A 168+03.3, 40.3 RT	48	30	STEEL	2X2	7	13.5	MOUNT USING SIGN BRACE PER WSDOT STD PLAN G-24.50
21	OM-3L	TYPE 3 OBJECT MARKERS	A 173+53.9, 9.6 RT	12	36	STEEL	2X2	4	2.0	
22	OM-3L	TYPE 3 OBJECT MARKERS	A 174+86.4, 1.8 LT	12	36	STEEL	2X2	4	2.0	

SIGN REMOVAL SPECIFICATIONS (R-##)

SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	EXISTING LOCATION	REMARKS
	D11-1	BIKE ROUTE (PLAQUE)		MOUNTED ABOVE W16-5PL
1	W16-5PL	SUPPLEMENTAL ARROW 90 PLAQUE (LEFT)	A 97+72.6, 51.2 LT	MOUNTED ABOVE M6-3
	M6-3	DIRECTIONAL ARROW 360 DEGREES		
2	R3-17	BIKE LANE ONLY	A 103+91.0, 39.8 RT	
3	R4-11	BICYCLES MAY USE FULL LANE	A 104+46.6, 44.5 RT	
4	R4-11	BICYCLES MAY USE FULL LANE	A 104+61.9, 42.2 LT	
E	R3-17	BIKE LANE	A 106+24.4, 44.9 LT	MOUNTED ABOVE R3-17BP
5	R3-17BP	ENDS	A 100+24.4, 44.9 L1	
6	R4-11	BICYCLES MAY USE FULL LANE	A 113+08.0, 45.5 LT	
7	R4-11	BICYCLES MAY USE FULL LANE	A 124+36.9, 50.4 RT	
8	R4-11	BICYCLES MAY USE FULL LANE	A 137+17.5, 47.1 RT	
9	R2-1	YIELD	A 138+35.1, 52.5 RT	
10	R4-11	BICYCLES MAY USE FULL LANE	A 140+67.4, 34.5 LT	
11	R4-11	BICYCLES MAY USE FULL LANE	A 150+08.0, 48.9 RT	
12	R3-17	BIKE LANE	A 151+22.2, 49.0 LT	
13	R4-11	BICYCLES MAY USE FULL LANE	A 156+80.3, 49.6 LT	
14	R4-11	BICYCLES MAY USE FULL LANE	A 165+45.1, 40.2 RT	
15	R4-11	BICYCLES MAY USE FULL LANE	A 170+99.1, 40.6 LT	
16	R4-11	BICYCLES MAY USE FULL LANE	A 178+22.4, 40.4 RT	
17	R4-11	BICYCLES MAY USE FULL LANE	A 178+55.1, 40.0 LT	
18	R1-2	YIELD	A 102+55.0, 57.5 RT	
19	CUSTOM	SHOULDER NARROWS	A 144+69.5, 49.0 LT	
20	W11-2	PEDESTRIAN CROSSING	A 131+91.9, 49.5 RT	BAND MOUNTED TO SIGNAL POLE
21	W11-2	PEDESTRIAN CROSSING	A 131+92.2, 46.9 LT	BAND MOUNTED TO SIGNAL POLE
00	R9-3BP	USE CROSSWALK (PLAQUE)	A 100 L 00 7 77 7 DT	MOUNTED OPPOSITE R9-3A
22	R9-3	NO PEDESTRIANS	A 102+98.3, 33.7 RT	MOUNTED OPPOSITE R9-3BR
23	R1-2	YIELD	A 99+37.9, 52.9 LT	

CONSTRUCTION NOTES:

CHECKED BY: A. KNIGHT

- 1. ALL SIGNS ARE GROUND MOUNTED. SEE CITY OF BREMERTON STANDARD DETAIL 3251 FOR PLACEMENT.
- 2. FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
- 3. SIGN POSTS ARE TELESPAR TRAFFIC SIGN POST TS-10, (SEE CITY OF BREMERTON STANDARD DETAIL 3251), UNLESS OTHERWISE NOTED.
- 4. RELOCATED SIGNS SHALL INCLUDE REMOVAL AND DISPOSAL OF POST AND FOUNDATION, UNLESS OTHERWISE NOTED.
- 5. REMOVED SIGNS SHALL INCLUDE REMOVAL AND DISPOSAL OF SIGN, POST, AND FOUNDATION, UNLESS OTHERWISE NOTED.
- 6. SALVAGED SIGNS SHALL ONLY BE THE SIGN. CONTRACTOR SHALL DISPOSE OF POST AND FOUNDATION.

SIGN RELOCATION SPECIFICATIONS (REL-##)

CION NO	SIGN CODE		EXISTING LOCATION	PROPOSED LOCATION	SIGN SIZE		POST	POST SIZE	CLEAR	ANCE	DEMARKS
SIGN NO.	NUMBER				X (INCH)	Y (INCH)	MATERIAL	(INCH X INCH)	٧	W	REMARKS
1	TRAILBLAZER	NAVY MUSEUM WITH ARROW	A 102+91.1, 33.5 RT	A 102+88.4, 33.5 RT	30	30	STEEL	2X2	7	13.5	
2	CUSTOM	BUS STOP	A 173+85.5, 39.0 RT	A 175+89.6, 45.4 RT		SEE	REMARKS		7	13.5	CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT
3	CUSTOM	BUS STOP	A 174+20.5, 47.5 LT	A 175+62.0, 41.5 LT		SEE	REMARKS		7	13.5	CONTRACTOR SHALL COORDINATE WITH KITSAP TRANSIT

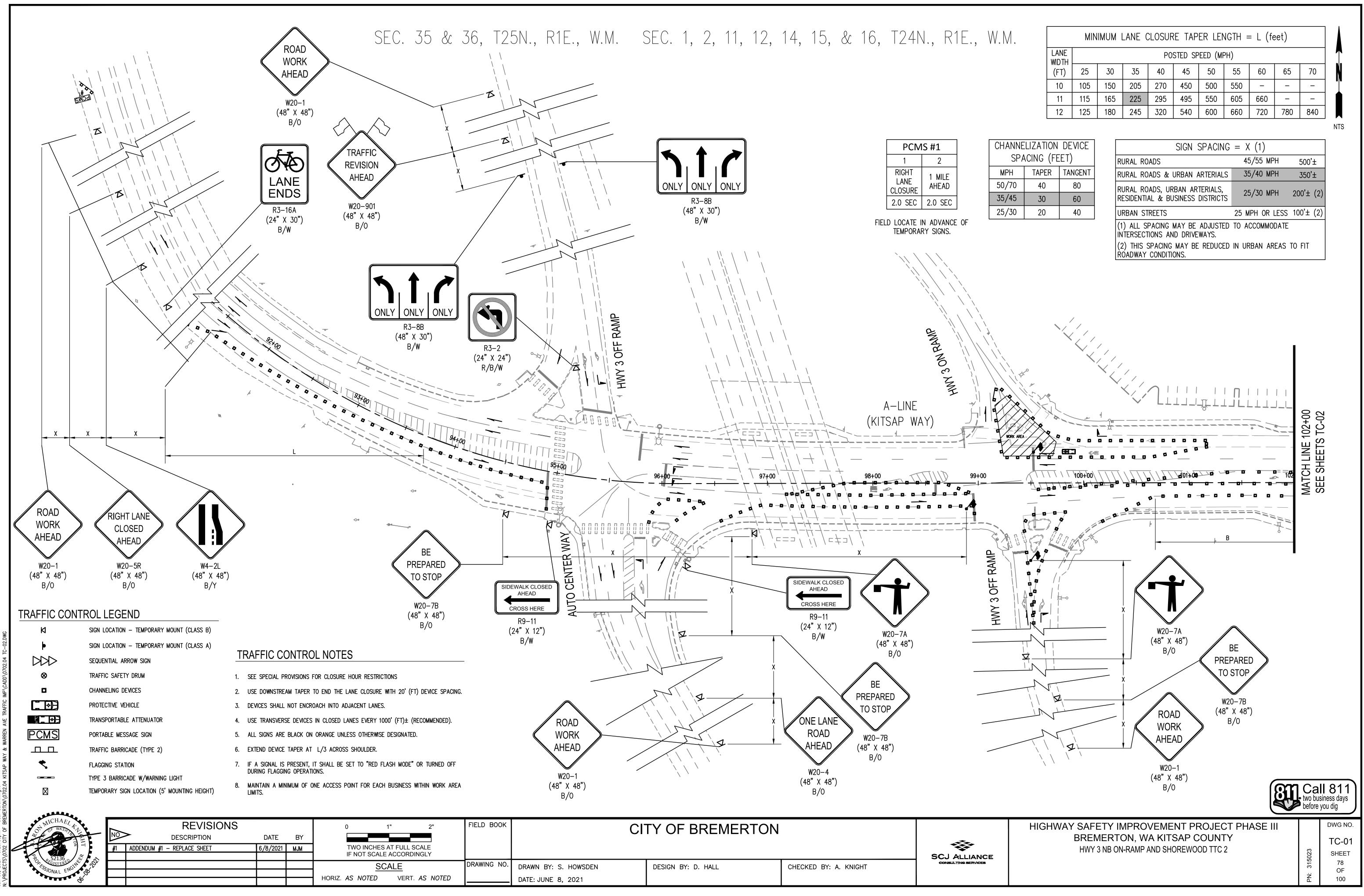


ICHAEL
OF WASAY
司书
52136 GISTERES
52136 CONAL ENGINE SO
/[2

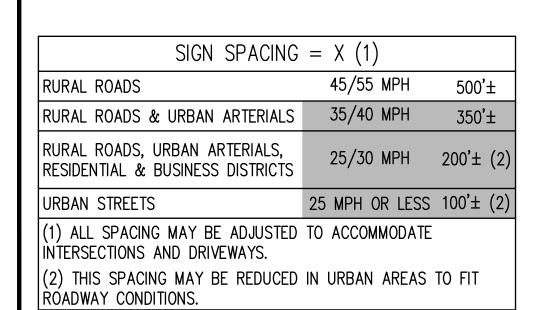
I	_	REVISIONS		0 1" 2"	FIELD BOOK	CI.	TY OF BREMERTON	
ı	NO	DESCRIPTION DATE	BY			01	II OI BILLIMEILIOIT	
I	# 1	ADDENDUM #1 - REPLACE SHEET 6/8/2021	МЈМ	TWO INCHES AT FULL SCALE				
				IF NOT SCALE ACCORDINGLY				
I				SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	(
ı				HODIZ AS NOTED VEDT AS NOTED				
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021		L

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY SIGN TABLES

DWG NO. SND-01



Jun 09. 2021 6:25:35pm — User aaron.kniaht



	LIZATION ACING (FE			
MPH	TAPER	TANGENT		
50/70	40	80		
35/45	30	60		
25/30	20	40		

TRAFFIC CONTROL NOTES

- . SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS
- 2. USE DOWNSTREAM TAPER TO END THE LANE CLOSURE WITH 20' (FT) DEVICE SPACIN
- 3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANES.
- 4. USE TRANSVERSE DEVICES IN CLOSED LANES EVERY 1000' (FT)± (RECOMMENDED).
- 5. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
- 6. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
- 7. IF A SIGNAL IS PRESENT, IT SHALL BE SET TO "RED FLASH MODE" OR TURNED OFF DURING FLAGGING OPERATIONS.
- 8. MAINTAIN A MINIMUM OF ONE ACCESS POINT FOR EACH BUSINESS WITHIN WORK AREA LIMITS.

TRAFFIC CONTROL LEGEND

SIGN LOCATION - TEMPORARY MOUNT (CLASS B)

SIGN LOCATION - TEMPORARY MOUNT (CLASS A)

SEQUENTIAL ARROW SIGN

TRAFFIC SAFETY DRUM

CHANNELING DEVICES

PROTECTIVE VEHICLE

TRANSPORTABLE ATTENUATOR

PORTABLE MESSAGE SIGN

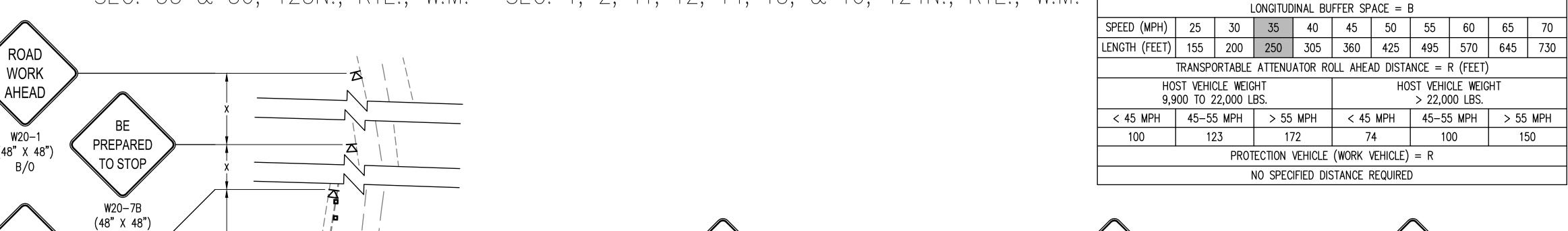
TRAFFIC BARRICADE (TYPE 2)

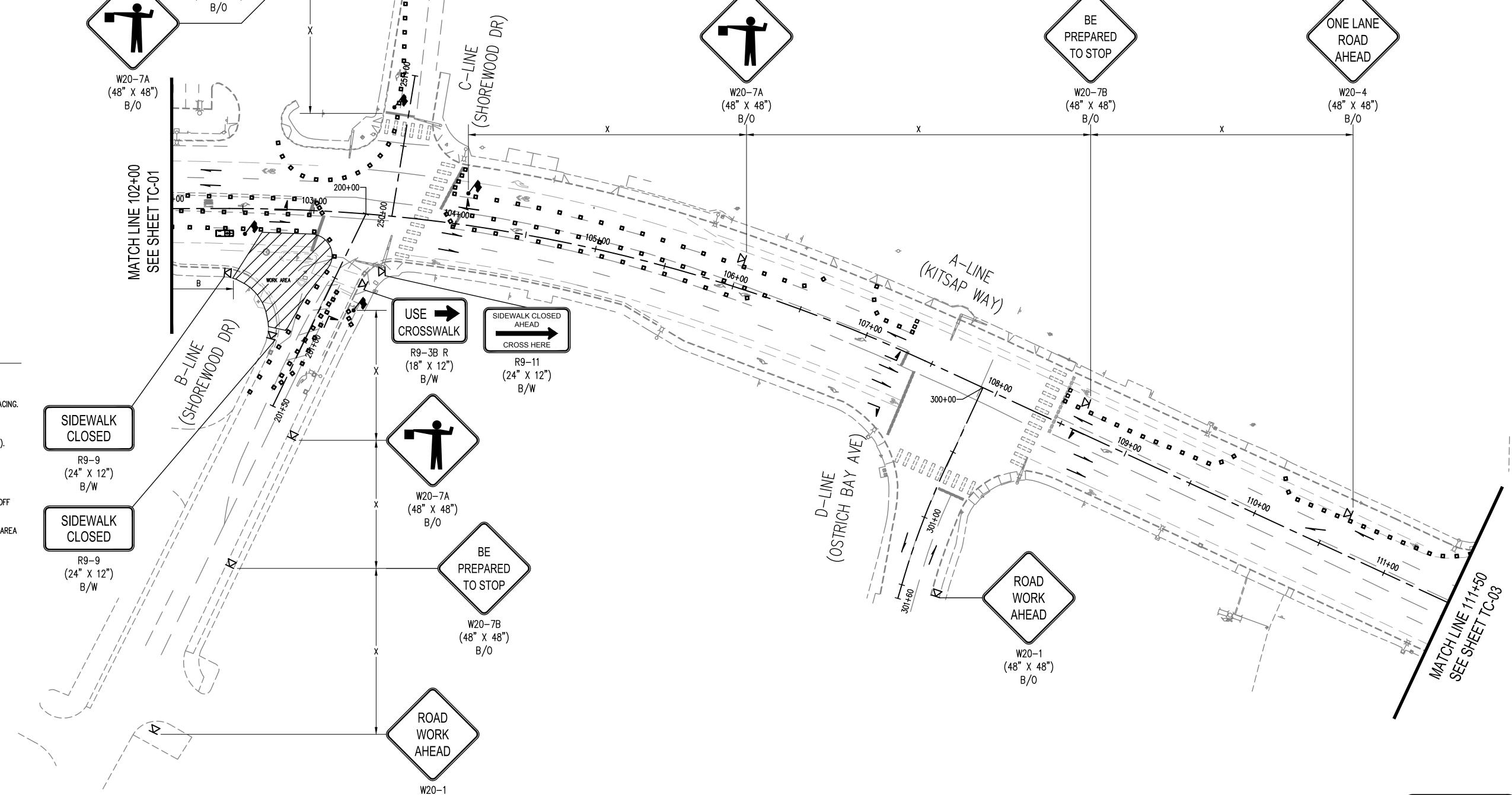
FLAGGING STATION

TYPE 3 BARRICADE W/WARNING LIGHT

TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

SEC. 35 & 36, T25N., R1E., W.M. SEC. 1, 2, 11, 12, 14, 15, & 16, T24N., R1E., W.M.







>	REVISIONS DESCRIPTION	DATE	BY	0 1" 2"	FIELD BOOK	Cl	TY OF BREMERTON		
	ADDENDUM #1 — REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY					SCJ ALLIANCE
				SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT	CONSULTING SERVICES
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8, 2021			

(48" X 48")

B/0

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY HWY 3 NB ON-RAMP AND SHOREWOOD TTC 2

BUFFER DATA

DWG NO.

TC-02

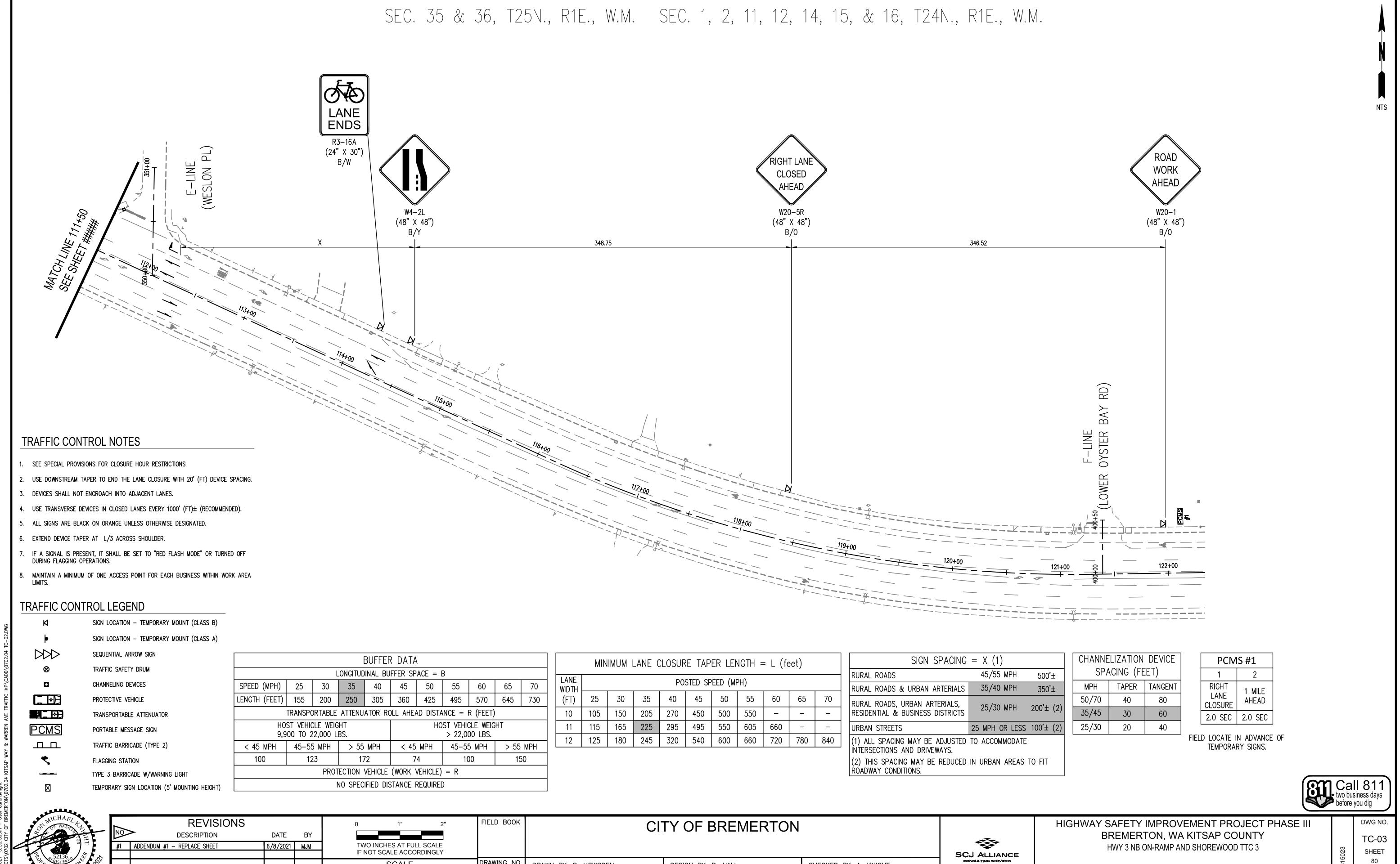
SHEET

79

OF

100

Jun 09, 2021 6:29:01pm - User aaron.knight N:\PROJECTS\0702 CITY OF BREMERTON\0702.04 KITSAP WAY & WARR



DESIGN BY: D. HALL

CHECKED BY: A. KNIGHT

DRAWING NO.

DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021

SCALE

HORIZ. AS NOTED VERT. AS NOTED

SHEET

	BUFFER DATA											
			ONGITUD	INAL BU	FFER SP	ACE = E	3					
SPEED (MPH) 25 30			35	40	45	50	55	60	65	70		
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	730		
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R (FEET)												
1	HOST VEHICLE WEIGHT 9,900 TO 22,000 LBS.						HOST VEHICLE WEIGHT > 22,000 LBS.					
< 45 MPH	45-5	5 MPH	> 55	MPH	< 45	MPH	45-5	5 MPH	> 55	MPH		
100	12	23	17	72	7	4	10	00	15	50		
		PROT	ECTION	VEHICLE	(WORK \	VEHICLE)	= R					
		1	NO SPEC	IFIED DIS	STANCE F	REQUIRED)					

SIGN SPACING	SIGN SPACING = X (1)										
RURAL ROADS	45/55 MPH	500'±									
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350'±									
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200'± (2)									
URBAN STREETS	25 MPH OR LESS	100'± (2)									
(1) ALL SPACING MAY BE ADJUSTED INTERSECTIONS AND DRIVEWAYS.	TO ACCOMMODATE										

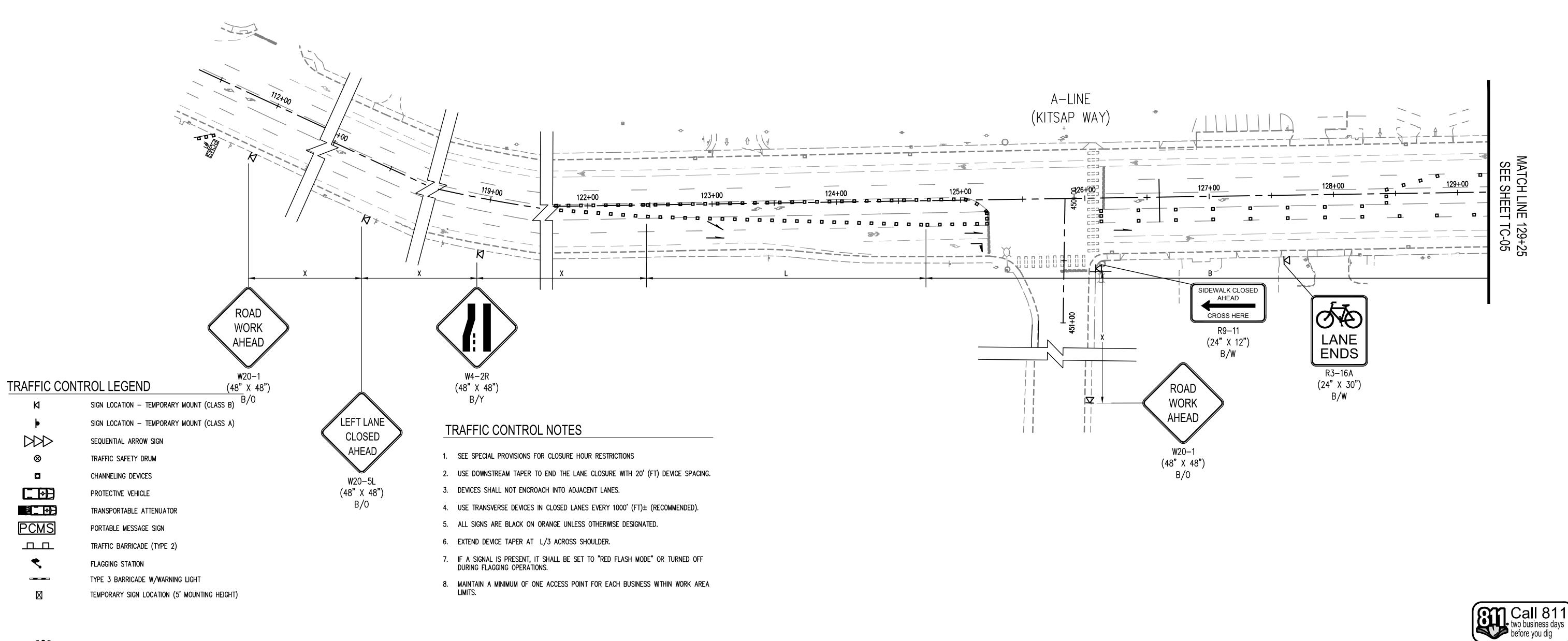
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

PCM	S #1	
1	2	
CENTER LANE CLOSED	NO LEFT TURNING	
2.0 SEC	2.0 SEC	

CHANNELIZATION DEVICE									
SPACING (FEET)									
MPH	TAPER	TANGENT							
50/70	40	80							
35/45	30	60							
25/30	20	40							
	SP A MPH 50/70 35/45	SPACING (FE MPH TAPER 50/70 40 35/45 30							

	MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)											
LANE WIDTH												
(FT)	25	30	35	40	45	50	55	60	65	70		
10	105	150	205	270	450	500	550	ı	ı	ı		
11	115	165	225	295	495	550	605	660	ı	1		
12	125	180	245	320	540	600	660	720	780	840		

FIELD	LOCATE	IN	ADVANCE	(
	TEMPORA	۱RY	' SIGNS.	



CITY OF BREMERTON

CHECKED BY: A. KNIGHT

REVISIONS DESCRIPTION DATE ADDENDUM #1 - REPLACE SHEET 6/8/2021 MJM

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY <u>SCALE</u>

HORIZ. AS NOTED VERT. AS NOTED

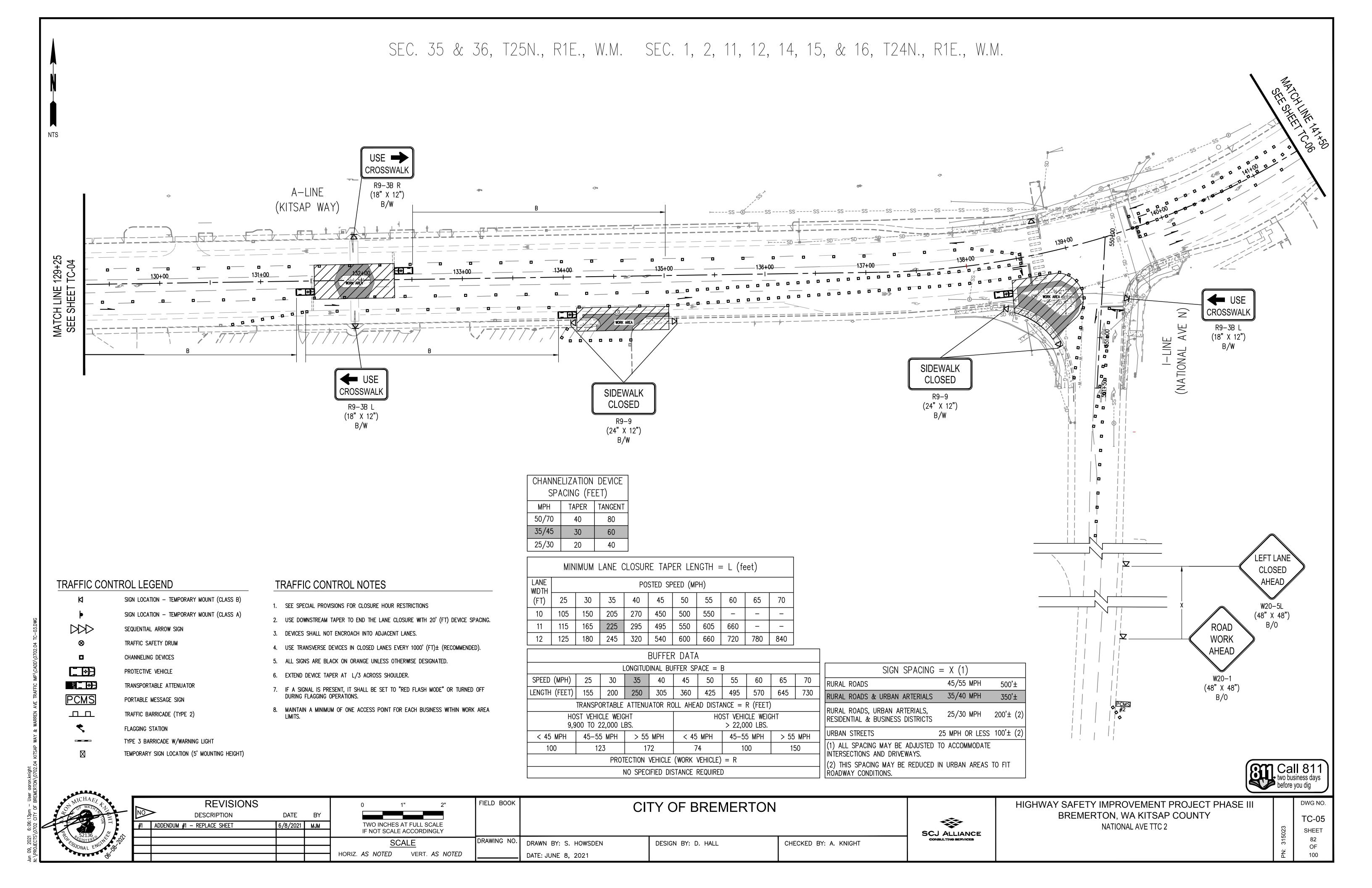
DRAWING NO. DRAWN BY: S. HOWSDEN DATE: JUNE 8, 2021

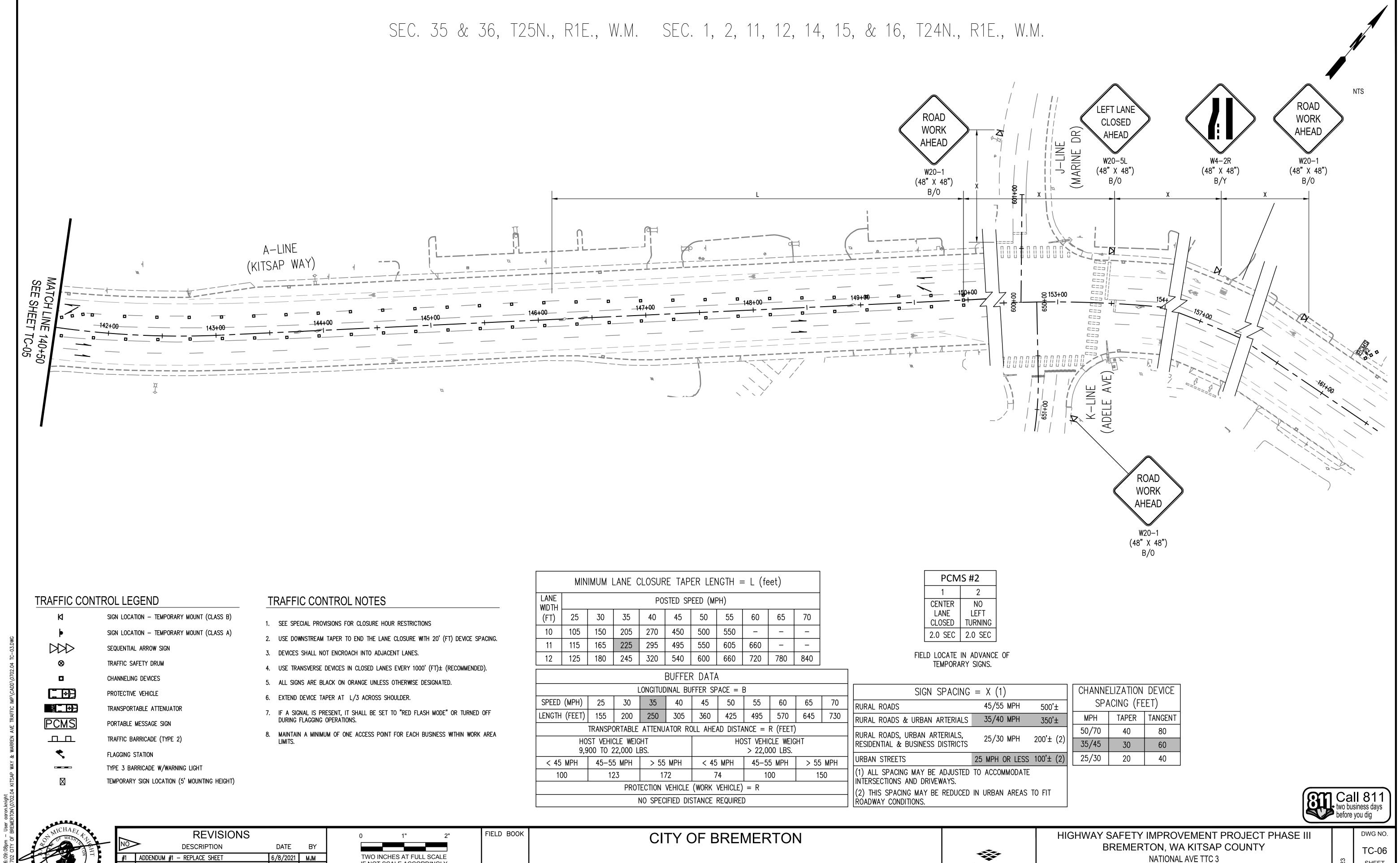
FIELD BOOK

DESIGN BY: D. HALL

SCJ ALLIANCE CONSULTING SERVICES HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY NATIONAL AVE TTC 1

DWG NO. TC-04





DESIGN BY: D. HALL

SCJ ALLIANCE CONSULTING SERVICES

CHECKED BY: A. KNIGHT

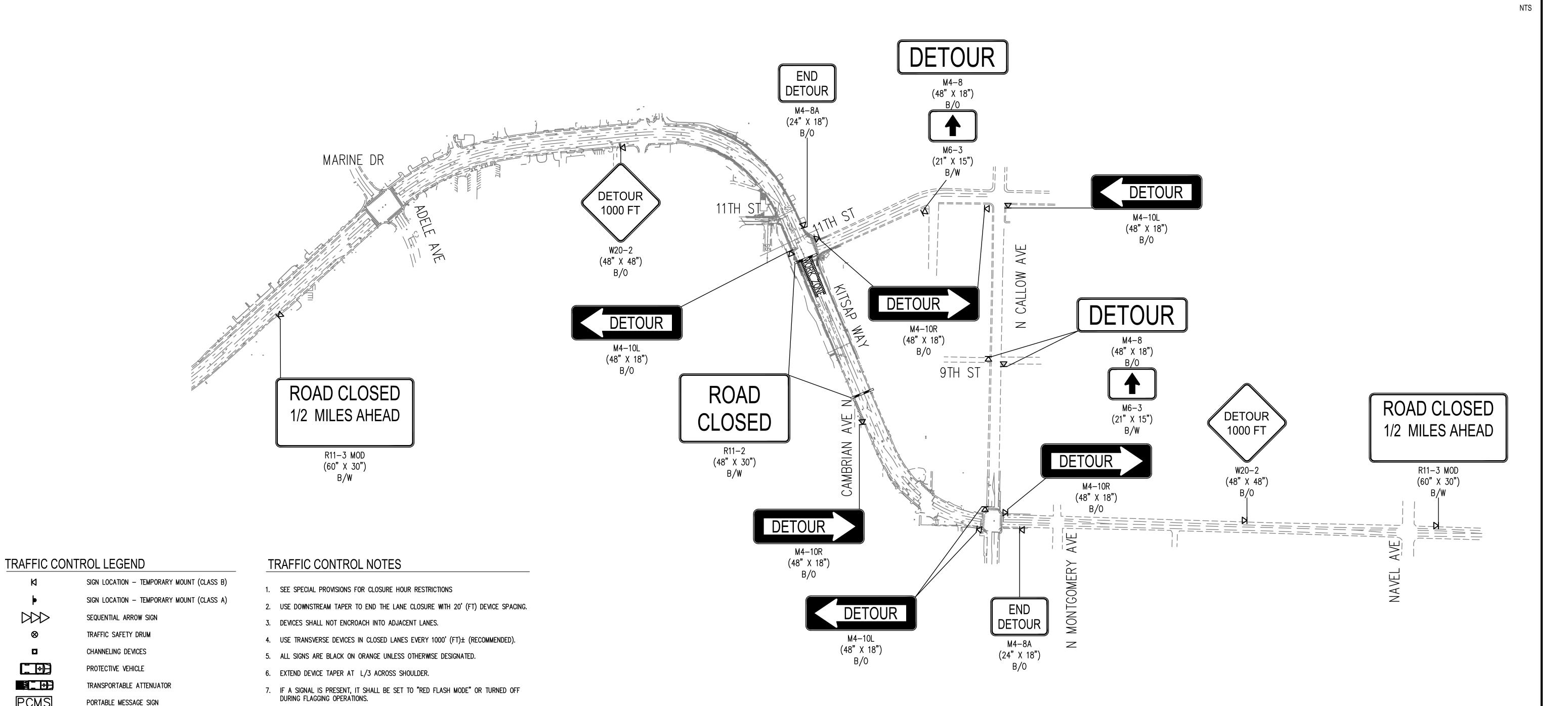
IF NOT SCALE ACCORDINGLY

<u>SCALE</u>

HORIZ. AS NOTED VERT. AS NOTED

DRAWN BY: S. HOWSDEN

DATE: JUNE 8, 2021



ووو	MICHAEL OF WASA	ty.
1	7	WHI WALL THE THE PARTY OF THE P
•	STONAL EN	06/06/

PCMS

	REVISIONS			0 1" 2"	FIELD BOOK	CI.	TY OF BREMERTON	
>	DESCRIPTION	DATE	BY				II OI BILLIMEILIOIT	
ADDEN	IDUM #1 - REPLACE SHEET	6/8/2021	MJM	TWO INCHES AT FULL SCALE				
				IF NOT SCALE ACCORDINGLY				
				SCALE	DRAWING NO.	DRAWN BY: S. HOWSDEN	DESIGN BY: D. HALL	CHECKED BY: A. KNIGHT
				HORIZ. AS NOTED VERT. AS NOTED		DATE: JUNE 8. 2021		

8. MAINTAIN A MINIMUM OF ONE ACCESS POINT FOR EACH BUSINESS WITHIN WORK AREA

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY 11TH ST TTC

SCJ ALLIANCE CONSULTING SERVICES

DWG NO. TC-07 SHEET

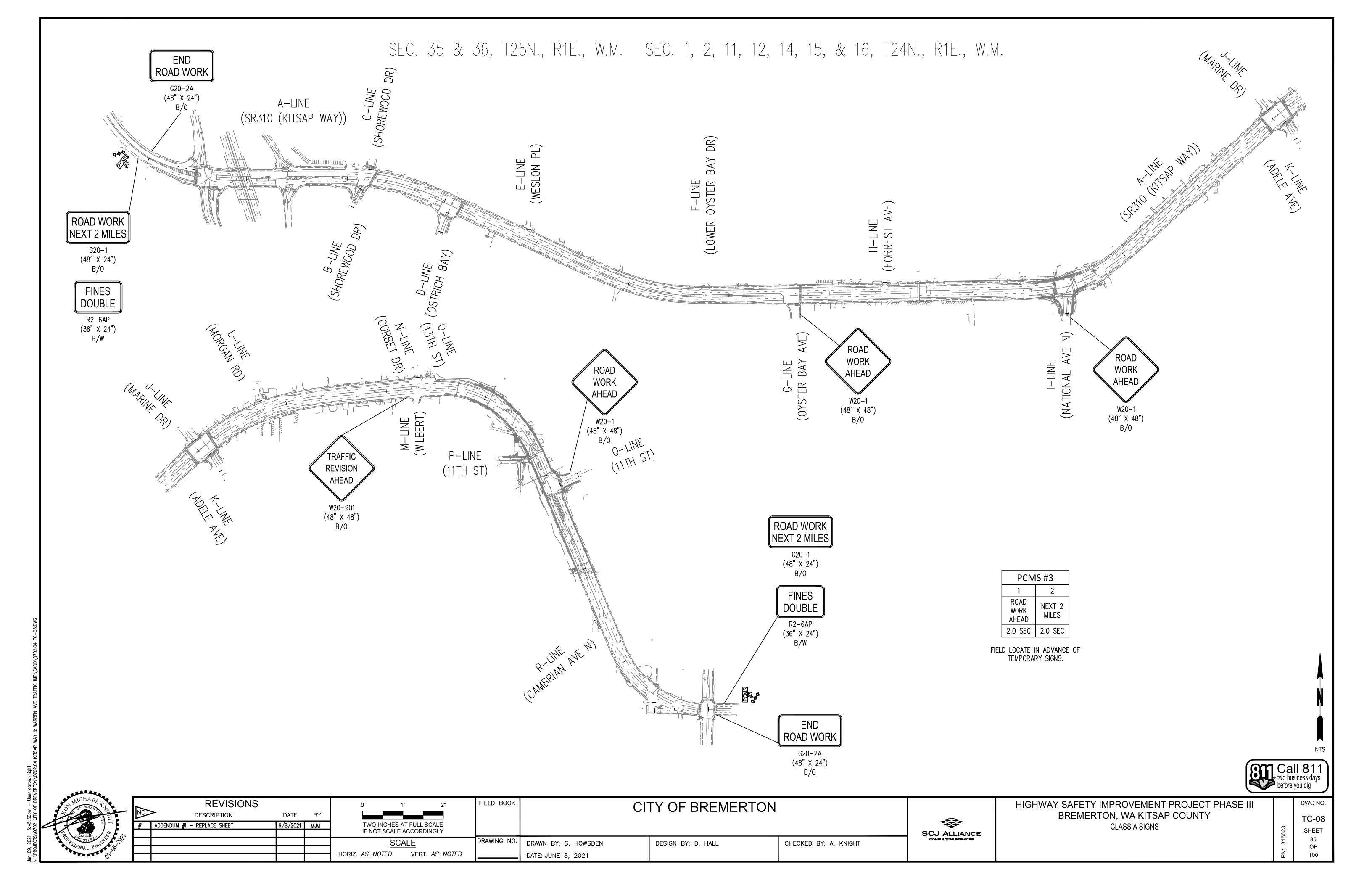
Call 811 two business days before you dig

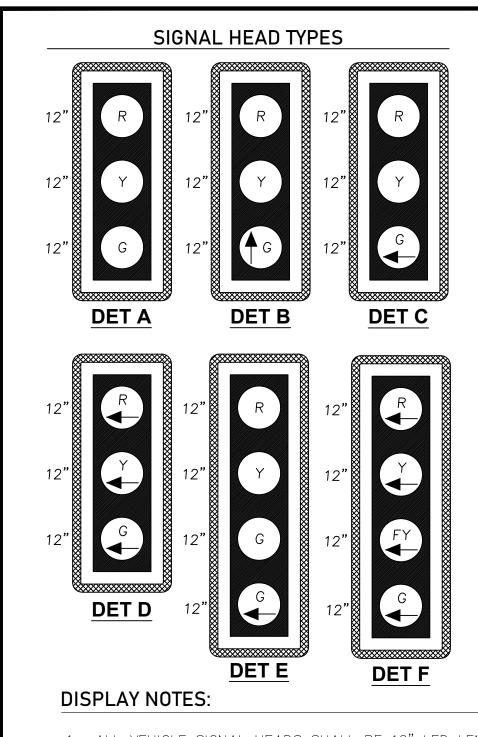
TRAFFIC BARRICADE (TYPE 2)

TYPE 3 BARRICADE W/WARNING LIGHT

TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

FLAGGING STATION





- 1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE. BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO—INCH WIDE BORDER ON THE FRONT SIDE.
- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

- UNDERGROUND CONDUIT

PROPOSED

O

-/// ->

LEGEND:

EXISTING

B+T

 \bigcirc

3 SEC

4 SEC

PC

-

KITSAP WAY (SR 310) & SR 3 OFF-RAMP WIRING SCHEDULE CONDUIT SIZE/TYPE COMMENTS 1 EXIST CONDUIT Note 1. Only Proposed Conductors shown.

310

SR

Note 3. Veh Det Cable is Orion Wire Combo-2204-2002-pvcgy for Wavetronix Radar Unit

Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit

GENERAL NOTES:

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.

SB SR-3 OFF-RAMP

- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES SHALL REMAIN UNWELDED.
- 7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

AUTO CENTER WAY KITSAP WAY (SR 310) & SR 3 SB OFF - RAMP

SIGNAL MODIFICATIONS NOTES:

- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD LOCATION.

SIGN CONSTRUCTION NOTES:

YIELD

ON FLASHIN

CUSTOM (30"X36")

(S-1) INSTALL TRAFFIC SIGN.

(S-2) REMOVE AND SALVAGE EXISTING SIGN.

- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.
- 10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

NB SR-3 OFF-RAMP KITSAP WAY (SR 310) & SR 3 NB ON/OFF - RAMP

CONSTRUCTION NOTES:

NB SR-3 ON-RAMP

- (1) REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- (2) RAISE SPANWIRE POLE CONNECTION POINT PER WSDOT STD. J-15.15-02 AND SPECIAL PROVISIONS.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER PLAN FOR WIRESPAN MOUNTS REPLACE ENTIRE ASSEMBLY
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- REPLACE EXISTING PEDESTRIAN PUSH BUTTONS WITH ADA ACCESSIBLE PEDESTRIAN PUSHBUTTONS PER SPECIFICATIONS.
- REMOVE EXISTING SIGNAL HEAD AND MOUNTING. DISPOSE OF SIGNAL 9 HEAD OR SALVAGE TO THE CITY OF BREMERTON PER SPECIFICATIONS, PER THE CITY'S DISCRETION.
- $\langle 19 \rangle$ INSTALL 6" MPS EXTENSION BRACKET FOR PEDESTRIAN PUSH BUTTON.
- (20) NEW SIGNAL HEAD SHALL BE INSTALLED TO ALIGN WITH LANE LANE.

FED AID NO: HSIP-000S(525)



2

REVISIONS DESCRIPTION ORRECTED GN#7.

DATE

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** HORIZ. AS NOTED VERT. AS NOTED

DRAWING NO DRAWN BY: ERIC RIVERA DATE: 05/23/2021

PIELD BOOK

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON

CHECKED BY: PABLO PARA

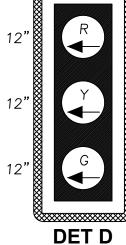


HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN KITSAP WAY (SR 310) & SR 3 SB OFF - RAMP,

KITSAP WAY (SR 310) & SR 3 NB ON/OFF - RAMP

TS-01 SHEET 100

DWG NO.





HEAD

DISPLAY NOTES:

LEGEND:

EXISTING

 \boxtimes

B+T

0

3 SEC

4 SEC

PC

-

-

X

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

— UNDERGROUND CONDUIT ————

DET A

- 1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.
- MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

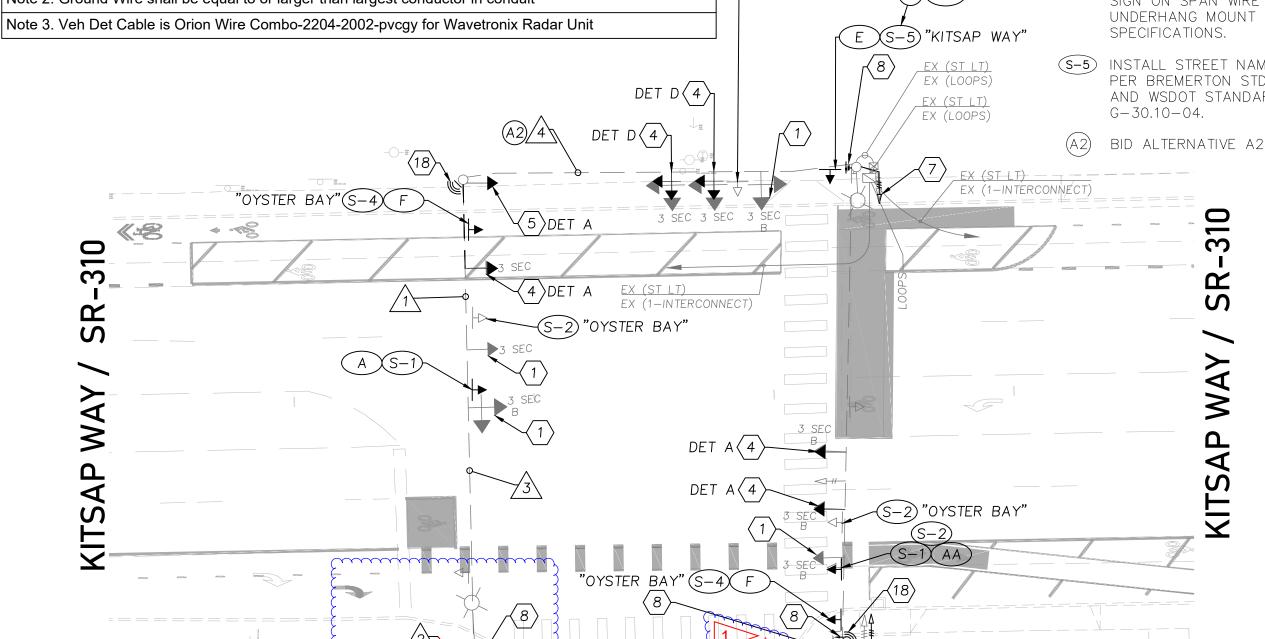
PROPOSED

 \bigcirc

PC

	KITSAP WAY & OYSTER BAY WIRING SCHEDULE						
RUN NO.	CONDUIT SIZE/TYPE	VEH DET 6C ³	VEH HEADS 5C	IISNS #10	GRND ²	COMMENTS	
1	EXIST OH	1	1	2			
2	EXIST CONDUIT	1		2			
3	EXIST OH	1		2			
4	EXIST OH			2			
5	EXIST CONDUIT	2		2			
Note 1. Or	ly Proposed Conductors	shown.			•		

Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit



OYSTER BAY AVE S

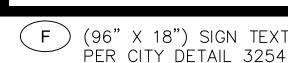
KITSAP WAY (SR 310) & OYSTER BAY AVE S

S-2) "KITSAP WAY"









(S-3) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN USING RIGID MOUNT PER CUSTOM (30"X36") SPECIFICATIONS. (S-4) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN ON SPAN WIRE USING UNDERHANG MOUNT PER

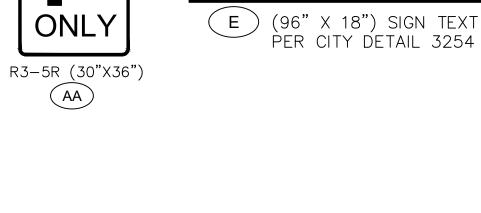
(S-5) INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN

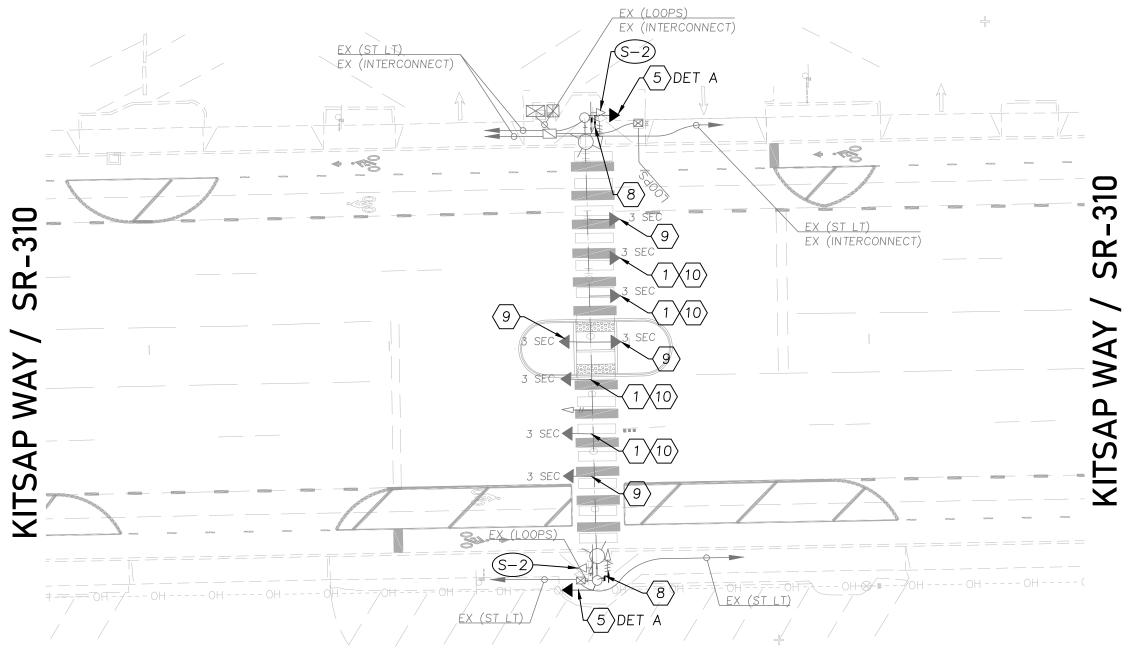
SIGN CONSTRUCTION NOTES:

(S-1) INSTALL TRAFFIC SIGN.

(S-2) REMOVE AND SALVAGE EXISTING SIGN.







KITSAP WAY (SR 310) PEDESTRIAN SIGNAL

GENERAL NOTES:

BY

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES SHALL REMAIN UNWELDED

7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2. SEE SPECIAL PROVISIONS.

SIGNAL MODIFICATIONS NOTES:

EX (1-INTERCONNECT)

EX (LOOPS)

- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET TSD-02.
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.

10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

CONSTRUCTION NOTES:

- REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- REMOVE AND DISPOSE OF EXISTING PEDESTRIAN SIGNAL HEAD HOUSING AND MOUNTING HARDWARE. INSTALL NEW PEDESTRIAN SIGNAL HEAD HOUSING WITH TYPE E SIDE MOUNT PER PLAN. REUSE EXISTING COUNTDOWN PEDESTRIAN SIGNAL MODULE.
- REPLACE EXISTING PEDESTRIAN PUSH BUTTONS WITH ADA ACCESSIBLE PEDESTRIAN PUSHBUTTONS PER SPECIFICATIONS.
- 9 REMOVE EXISTING SIGNAL HEAD AND MICONTING. DIG. 302 HEAD OR SALVAGE TO THE CITY OF BREMERTON PER SPECIFICATIONS, REMOVE EXISTING SIGNAL HEAD AND MOUNTING. DISPOSE OF SIGNAL PER THE CITY'S DISCRETION.
- ADJUST EXISTING SIGNAL HEAD TO CENTER OVER VEHICLE LANE. ENGINEER TO FIELD VERIFY HEAD POSITION.
- INSTALL RADAR PRESENCE DETECTOR WITH MOUNT PER SPECIFICATIONS 18 INSTALL RADAK PRESENCE DETECTOR
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER, CONTROLLED BY EXISTING CONTACTOR, IN EXISTING SERVICE ENCLOSURE. LABEL CIRCUIT "STREET SIGNS".
- INSTALL RADAR CABINET INTERFACE DEVICE (CID) AND OTHER REQUIRED EQUIPMENT FOR RADAR DETECTION INTEGRATION IN CABINET PER SPECIFICATIONS.

FED AID NO: HSIP-000S(525)



ععد	1,0 P	
D A	OF WASHIN	
	OF WASHING TO	
35/	No Service	•
OR PES	AB210 ENGINEE	
-	CONTRACTOR OF THE PARTY OF THE	

REVISIONS DESCRIPTION DATE RRECTED GN#7, CLARIFIED PLAN NOTES.

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** VERT. AS NOTED HORIZ. AS NOTED

DRAWING NO DRAWN BY: ERIC RIVERA DATE: 05/23/2021

FIELD BOOK

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON

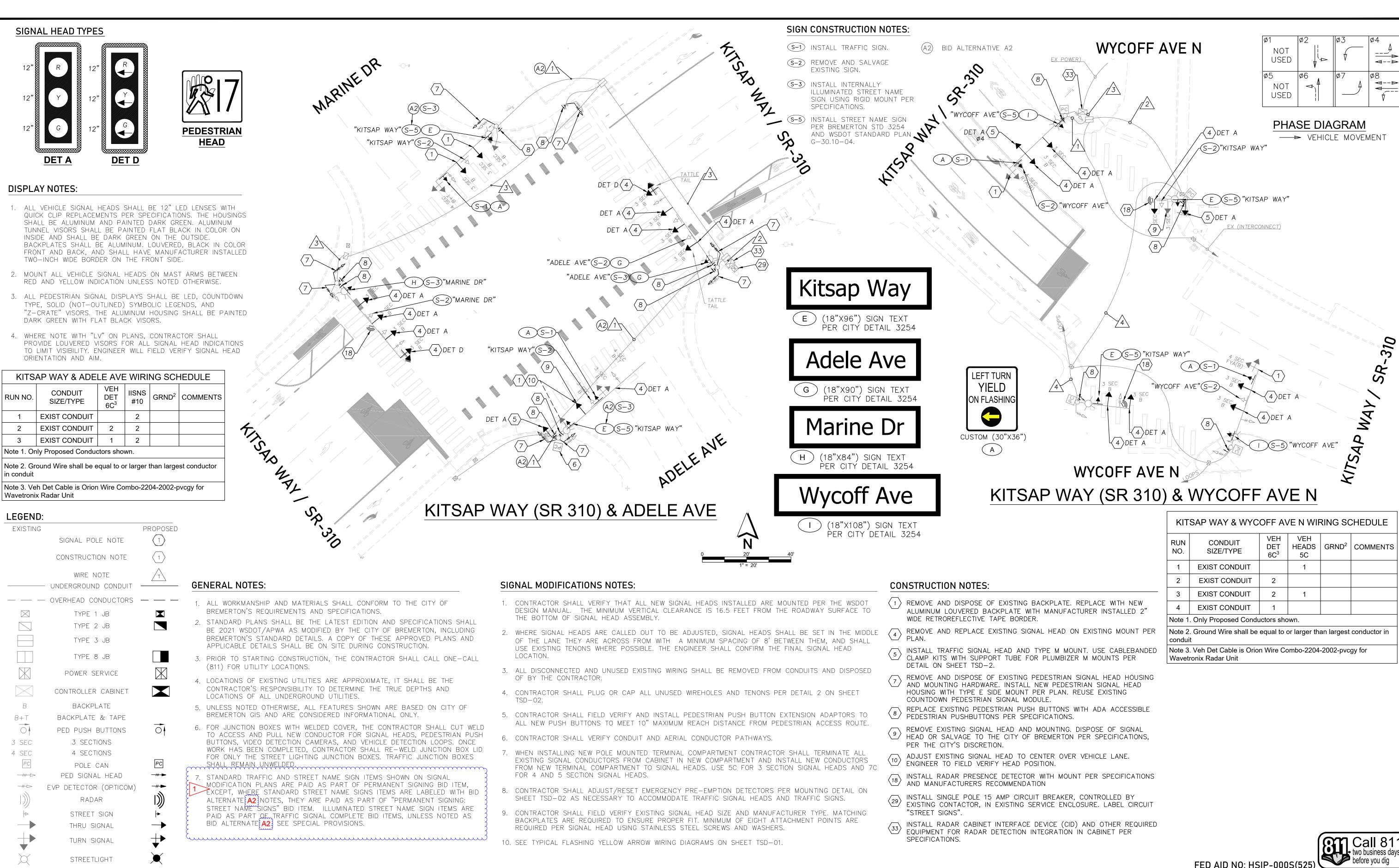
CHECKED BY: PABLO PARA





KITSAP WAY (SR 310) & OYSTER BAY AVE S, KITSAP WAY (SR 310) PEDESTRIAN SIGNAL

DWG NO. TS-02 SHEET 100



FED AID NO: HSIP-000S(525)

Call 81² 🔈 two business days DWG NO

5C

REVISIONS FIELD BOOK **DESCRIPTION** DATE BY TWO INCHES AT FULL SCALE RRECTED GN#7. IF NOT SCALE ACCORDINGLY DRAWING NO DRAWN BY: ERIC RIVERA

DATE: 05/23/2021

HORIZ. AS NOTED VERT. AS NOTED

CITY OF BREMERTON DESIGN BY: MARIA TRIBELHORN CHECKED BY: PABLO PARA

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN KITSAP WAY (SR 310) & ADELE AVE,

KITSAP WAY (SR 310) & WYCOFF AVE N

TS-03 SHEET

₩--₽

DISPLAY NOTES:

LEGEND:

EXISTING

B+T

0

3 SEC

4 SEC

PC

-

-

X

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

— UNDERGROUND CONDUIT ————

- 1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.
- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

PROPOSED

O

PC

KITSAP WAY (SR 310) 6TH ST / N CALLOW AVE (SR 310) WIRING SCHEDULE RUN NO. | CONDUIT SIZE/TYPE GRND² COMMENTS EXIST CONDUIT Note 1. Only Proposed Conductors shown. Note 2. Ground Wire shall be equal to or larger than largest conductor in Note 3. Veh Det Cable is Orion Wire Combo-2204-2002-pvcgy for Wavetronix Radar Unit

N CALLOW AVE $\langle 4 \rangle$ DET A (A2)(S-2)"6TH ST" DET A $\langle 4 \rangle$ "6TH ST" (S-3) J (A2)

N CALLOW AVE / SR-310 KITSAP WAY (SR 310) 6TH ST / N CALLOW AVE (SR 310)

\A2\S-2) "6TH ST"

SIGNAL MODIFICATIONS NOTES:

1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.

SIGN CONSTRUCTION NOTES:

ILLUMINATED STREET NAME

SIGN USING RIGID MOUNT PER

(18"X60") SIGN TEXT

PER CITY DETAIL 3254

(18"X102") SIGN TEXT

PER CITY DETAIL 3254

NO LEFT TURN

R3 - 2

(30" X30")

В)

THRU & RIGHT

TURN

R3-6R

(30" X42") (D)

(S-1) INSTALL TRAFFIC SIGN.

(S-2) REMOVE AND SALVAGE

EXISTING SIGN.

(S-3) INSTALL INTERNALLY

SPECIFICATIONS.

(A2) BID ALTERNATIVE A2

CUSTOM (30"X36")

THRU & LEFT

TURN

R3-6L

(30" X42")

- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.
- 10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

CITY OF BREMERTON

WARREN AVE & BURWELL ST WIRING SCHEDULE GRND² COMMENTS RUN NO. | CONDUIT SIZE/TYPE **HEADS EXIST CONDUIT** Note 1. Only Proposed Conductors shown

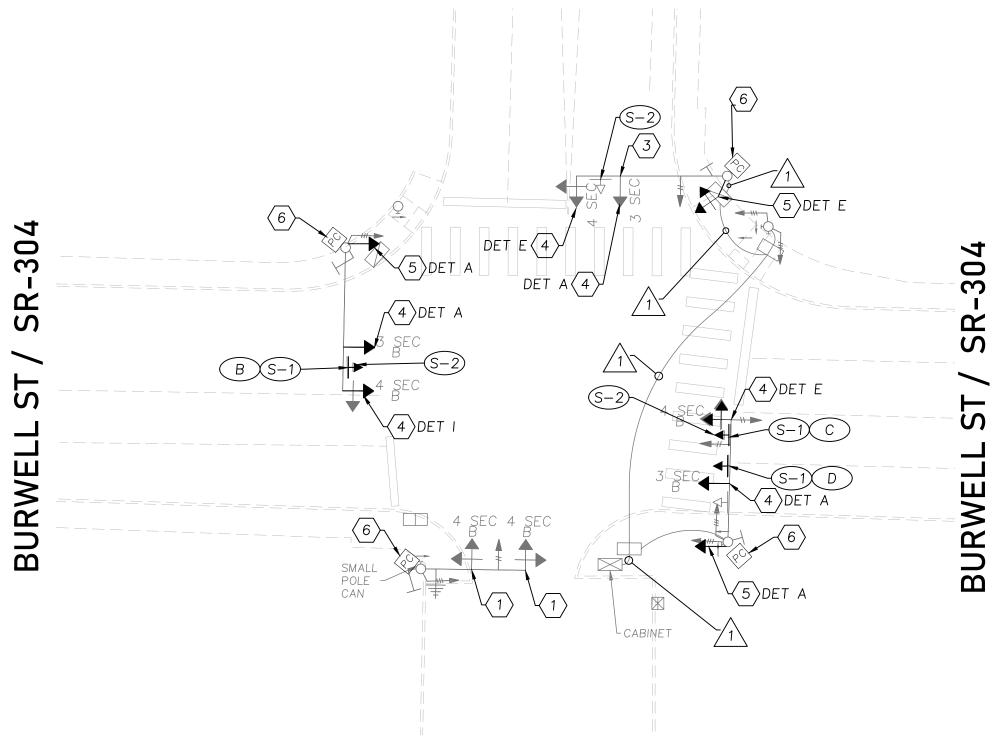
Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit

IOL-B USED OL-B

⋖--₽

PHASE DIAGRAM → VEHICLE MOVEMENT

WARREN AVE / SR-303



WARREN AVE / SR-303

WARREN AVE (SR 303) & BURWELL ST (SR 304)

CONSTRUCTION NOTES:

- (1) REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER PLAN. PLAN.
- (5) INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- INSTALL POLE MOUNTED TERMINAL COMPARTMENT PER WSDOT STANDARD DETAIL J-75.30 AND SPECIFICATIONS.
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER IN BREAKER BOX. LABEL CIRCUIT "STREET SIGNS". INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE AND RUN IISNS WIRES THROUGH PEU BEFORE WIRING TO THE IISNS AT THE INTERSECTION.



FED AID NO: HSIP-000S(525)

BLOP
THOS WASHINGS T
SS ONAL TO COLOR
ON A 48210 PO COLOR

REVISIONS DESCRIPTION RRECTED GN#7.

DATE BY

GENERAL NOTES:

(811) FOR UTILITY LOCATIONS.

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** HORIZ. AS NOTED VERT. AS NOTED

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF

APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.

BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.

4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE

CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND

5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF

6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD

BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE

FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES

SHALL REMAIN UNWELDED.

MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM,

ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING:

STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE

PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS

EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID

7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL

TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH

WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID

2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL

BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING

BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND

3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL

BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.

LOCATIONS OF ALL UNDERGROUND UTILITIES.

BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

DRAWING NO DRAWN BY: ERIC RIVERA DATE: 05/23/2021

FIELD BOOK

DESIGN BY: MARIA TRIBELHORN

CHECKED BY: PABLO PARA



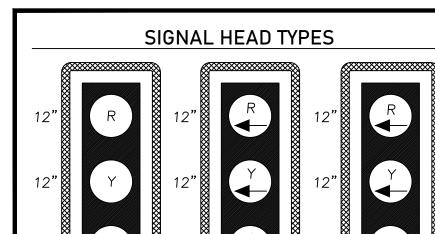
HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN KITSAP WAY (SR 310) / 6TH ST & N CALLOW AVE (SR 310),

WARREN AVE (SR 303) & BURWELL ST (SR 304)

TS-04

SHEET 89 100

DWG NO.



DET D

PEDESTRIAN HEAD

Note 1. Only Proposed Conductors shown.

NO.

CONDUIT SIZE/TYPE

EXIST CONDUIT

EXIST CONDUIT

EXIST CONDUIT

EXIST CONDUIT

Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit

HEADS

DISPLAY NOTES:

DET A

LEGEND:

EXISTING

B+T

3 SEC

4 SEC

PC

-

X

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

RADAR

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE. BACKPLATES SHALL BE ALUMINUM, LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.

DET F

- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED. COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

PROPOSED

 \bigcirc

PC

WARREN AVE / SR (303) **⋖--**⊳ SEE REAR MOUNT JDETAIL HEREON PHASE DIAGRAM → VEHICLE MOVEMENT S 6TH "WARREN AVE"(S-"6TH ST"(S-6) J

WARREN AVE & 6TH ST WIRING SCHEDULE

HEADS

7C

2

HEADS

5C

2

2

GRND²

#12

2 (A2)

COMMENTS

WARREN AVE / SR (303) WARREN AVE (SR 303) & 6TH ST

SIGNAL MODIFICATIONS NOTES:

1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.

SIGN CONSTRUCTION NOTES:

(S-5) INSTALL STREET NAME SIGN

HAVE POWDER BLUE

PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN

ILLUMINATED STREET NAME

SIGN USING RIGID MOUNT PER

SPECIFICATIONS. SIGN SHALL

Warren Ave

6th St

LEFT TURN

YIELD

ON FLASHING

CUSTOM (30"X36")

(18"X102") SIGN TEXT

PER CITY DETAIL 3254

(18"X60") SIGN TEXT PER CITY DETAIL 3254

RIGHT

TURN

SIGNAL

R10-10R

(30"X36")

 $\left(\mathsf{W}\right)$

(S-1) INSTALL TRAFFIC SIGN.

(S-2) REMOVE AND SALVAGE EXISTING SIGN.

G - 30.10 - 04.

(S-6) INSTALL INTERNALLY

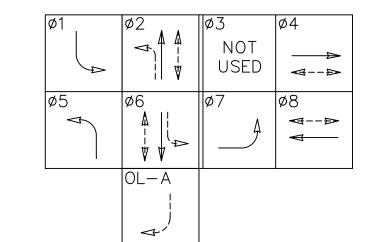
BACKGROUND.

(A2) BID ALTERNATIVE A2

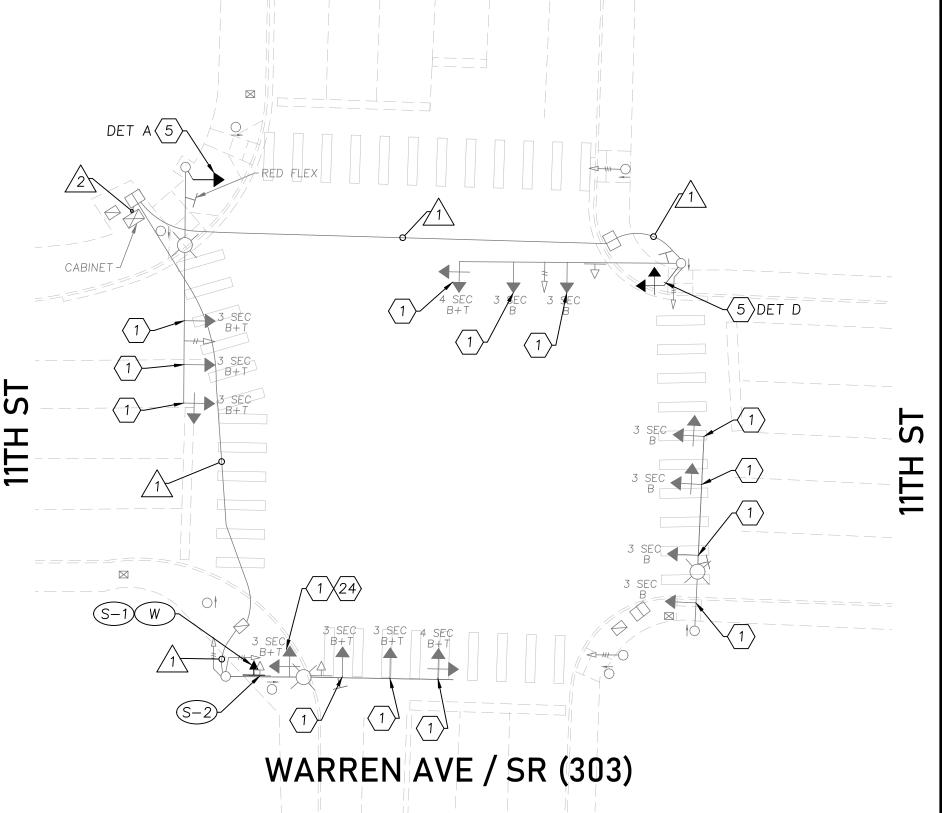
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD LOCATION.
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET TSD-02.
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.
- 10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

WARREN AVE & 11TH ST WIRING SCHEDULE HEADS GRND² COMMENTS CONDUIT SIZE/TYPE 5C **EXIST CONDUIT EXIST CONDUIT**

Note 1. Only Proposed Conductors shown. Note 2. Ground Wire shall be equal to or larger than largest conductor



WARREN AVE / SR (303) PHASE DIAGRAM VEHICLE MOVEMENT



WARREN (SR 303) AVE & 11TH ST

GENERAL NOTES:

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.

 $\langle 4 \rangle$ DET A

- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES ----SHALL REMAIN UNWELDED
- 7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

CONSTRUCTION NOTES:

- \langle 1 angle REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED 5 CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- INSTALL POLE MOUNTED TERMINAL COMPARTMENT PER WSDOT STANDARD DETAIL J-75.30 AND SPECIFICATIONS.
- REMOVE AND DISPOSE OF EXISTING PEDESTRIAN SIGNAL HEAD HOUSING AND MOUNTING HARDWARE. INSTALL NEW PEDESTRIAN SIGNAL HEAD HOUSING WITH TYPE E SIDE MOUNT PER PLAN. REUSE EXISTING COUNTDOWN PEDESTRIAN SIGNAL MODULE.
- REPLACE EXISTING PEDESTRIAN PUSH BUTTONS WITH ADA ACCESSIBLE PEDESTRIAN PUSHBUTTONS PER SPECIFICATIONS.
- REPLACE GREEN ARROW INDICATION WITH FLASHING YELLOW ARROW INDICATION.
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER IN BREAKER BOX. LABEL CIRCUIT "STREET SIGNS". INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE AND RUN IISNS WIRES THROUGH PEU BEFORE WIRING TO THE IISNS AT THE INTERSECTION.

before you dig

FED AID NO: HSIP-000S(525)

Call 811 🔈 two business days DWG NO.

REVISIONS DATE **DESCRIPTION** BY RRECTED GN#7.

OFFSET CLAMSHELL

MOUNT ON POLE

OFFSET CLAMSHELL REAR

MOUNT DETAIL

SECTION A-A

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** HORIZ. AS NOTED

DRAWING NO DRAWN BY: ERIC RIVERA VERT. AS NOTED DATE: 05/23/2021

FIELD BOOK

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON

CHECKED BY: PABLO PARA

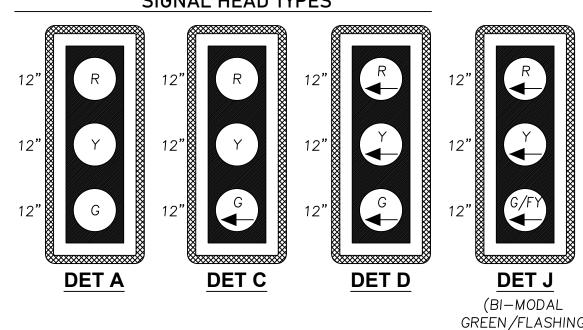


HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN WARREN AVE (SR 303) & 6TH ST,

WARREN (SR 303) AVE & 11TH ST

TS-05 SHEET 90 100

SIGNAL HEAD TYPES



DISPLAY NOTES:

LEGEND:

EXISTING

B+T

0

3 SEC

4 SEC

PC

-

-

X

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

— UNDERGROUND CONDUIT ————

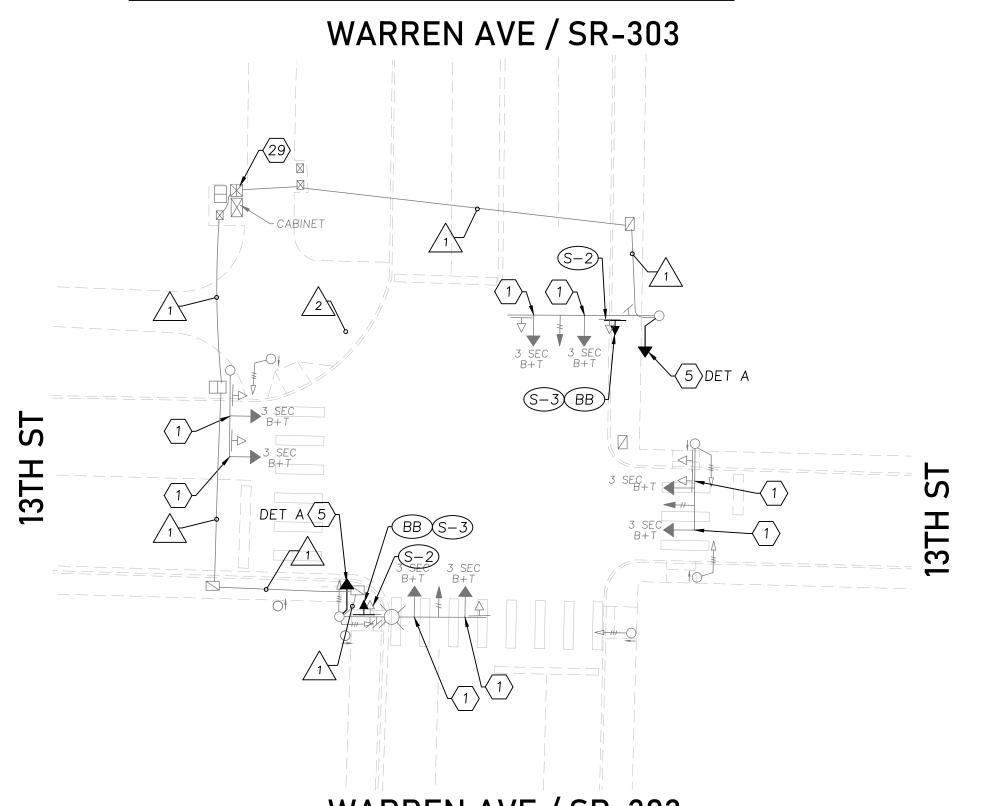
1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE. BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO—INCH WIDE BORDER ON THE FRONT SIDE.

YELLOW ARROW)

- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

PROPOSED

WARREN AVE (SR 303) & 13TH ST WIRING SCHEDULE RUN NO. CONDUIT SIZE/TYPE PEU #14 IISNS #12 GRND ² COMMENTS							
1	EXIST CONDUIT		2				
Note 1. Only Proposed Conductors shown.							
Note 2. Gr	ound Wire shall be equal	to or larger t	han largest c	onductor in	conduit		



WARREN AVE / SR-303 WARREN AVE (SR 303) & 13TH ST

GENERAL NOTES:

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE—CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES SHALL REMAIN UNWELDED.
- 7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

SIGNAL MODIFICATIONS NOTES:

- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD LOCATION.
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET TSD-02.
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.
- 10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

SIGN CONSTRUCTION NOTES:

- S-1) INSTALL TRAFFIC SIGN.
- S-2 REMOVE AND SALVAGE EXISTING SIGN.
- S-3 INSTALL INTERNALLY
 ILLUMINATED STREET NAME
 SIGN USING RIGID MOUNT PER
 SPECIFICATIONS.
- S-4 INSTALL INTERNALLY
 ILLUMINATED STREET NAME
 SIGN ON SPAN WIRE USING
 UNDERHANG MOUNT PER
 SPECIFICATIONS.
- S-5 INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN G-30.10-04.
- (A2) BID ALTERNATIVE A2



Warren Ave

(L) (18"X102") SIGN TEXT PER CITY DETAIL 3254

16th St

O (18"X66") SIGN TEXT PER CITY DETAIL 3254

13th St

BB (18"X66") SIGN TEXT PER CITY DETAIL 3254

WARREN AVE (SR 303) & 16TH ST WIRING SCHEDULE RUN NO. CONDUIT SIZE/TYPE PEU IISNS #14 #12 GRND² COMMENTS 1 EXIST CONDUIT 3 2 2 EXIST OH 2 Note 1. Only Proposed Conductors shown.

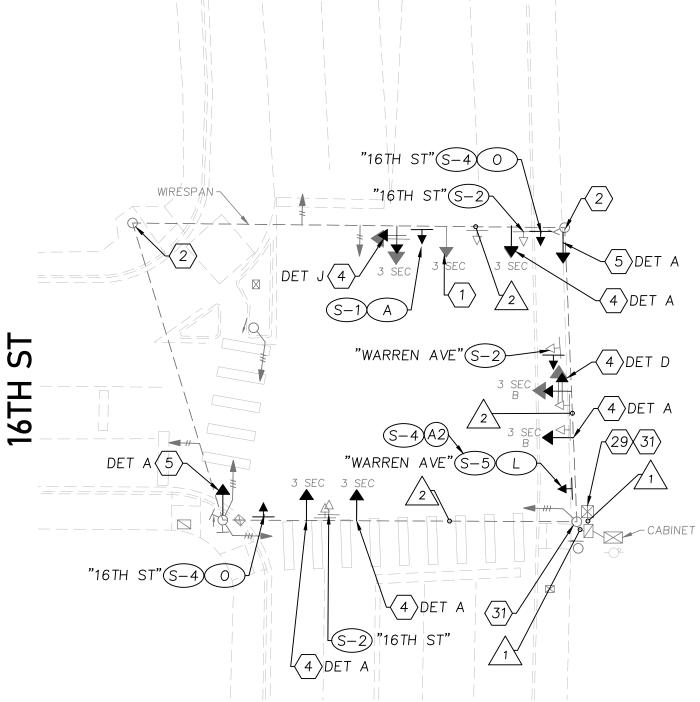
Note 2. Ground Wire shall be equal to or larger than largest conductor in

NOT USED NOT USED 05 08 NOT USED USED USED

PHASE DIAGRAM

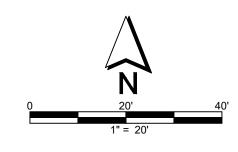
→ VEHICLE MOVEMENT

WARREN AVE / SR-303



WARREN AVE / SR-303

WARREN AVE (SR 303) & 16TH ST



CONSTRUCTION NOTES:

- REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- 2 RAISE SPANWIRE POLE CONNECTION POINT PER WSDOT STD. J-15.15-02 AND SPECIAL PROVISIONS.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER PLAN FOR WIRESPAN MOUNTS REPLACE ENTIRE ASSEMBLY.
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- install single pole 15 amp circuit breaker, controlled by existing contactor, in existing service enclosure. Label circuit "Street signs".
- INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE. RUN WIRES TO EXISTING CONTACTOR IN EXISTING SERVICE ENCLOSURE.

FED AID NO: HSIP-000S(525)





NC 1

DESCRIPTION

CORRECTED GN#7.

 \bigcirc

PC

REVISIONS

SCRIPTION

DATE BY

6/8/21

PP

TWO INCHES AT IF NOT SCALE A

SCA

HORIZ. AS NOTED

TWO INCHES AT FULL SCALE
IF NOT SCALE ACCORDINGLY

SCALE

AS NOTED

DRAWIN

FIELD BOOK

DRAWING NO. DRAWN BY: ERIC RIVERA
DATE: 05/23/2021

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON

CHECKED BY: PABLO PARA

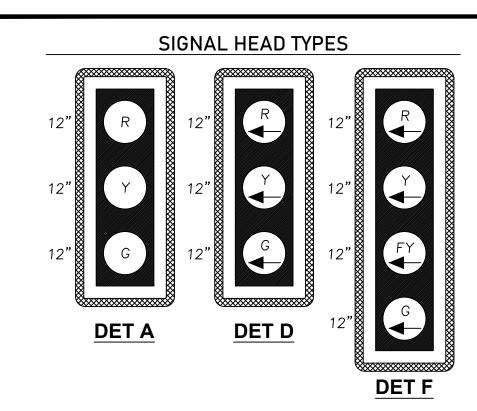


HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN WARREN AVE (SR 303) & 13TH ST,

WARREN AVE (SR 303) & 16TH ST

TS-06 848 91 91 OF 100

DWG NO.



DISPLAY NOTES:

LEGEND:

EXISTING

B+T

0

3 SEC

4 SEC

PC

-

-

X

- I. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE. BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.
- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE. SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

RADAR

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

— UNDERGROUND CONDUIT ————

PROPOSED

 \bigcirc

PC

-//->

 \longrightarrow

(A2) BID ALTERNATIVE A2 (S-2)"SHERIDAN RD" 3) Y)"SHERIDAN RD" Wheaton Way A (S-1) P) (18"X114") SIGN TEXT PER CITY DET A $\langle 4 \rangle$ DD S-1 DET A $\langle 4 \rangle$ Sheridan Rd (18"X102") SIGN TEXT PER CITY DETAIL 3254 DET $F\langle 4\rangle$ Sylvan Way (18"X102") SIGN TEXT PER CI DET A 4 DETAIL 3254 4 DET A **LEFT TURN** SIGNAL CABINET -YIELD ON FLASHING "SHERIDAN RD" CUSTOM (30"X36") "SHERIDAN RD"(S-WARREN AVE / SR (303) ONLY WHEATON WAY (SR 303) & SHERIDAN RD ONLY R3-5L (30"X36") R3-5R (30"X36") (DD) (cc)

WHEATON WAY / SR (303)

GENERAL NOTES:

DATE

6/8/21

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.

WHEATON WAY (SR 303) & SHERIDAN RD WIRING

SCHEDULE

Note 2. Ground Wire shall be equal to or larger than largest conductor

GRND²

COMMENTS

CONDUIT SIZE/TYPE

EXIST CONDUIT

in conduit

Note 1. Only Proposed Conductors shown.

- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES SHALL REMAIN UNWELDED.
- 7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

SIGNAL MODIFICATIONS NOTES:

PHASE DIAGRAM

→ VEHICLE MOVEMENT

- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET TSD-02.
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.

CHECKED BY: PABLO PARA

10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

CITY OF BREMERTON

WHEATON WAY (SR 303) & SYLVAN WAY WIRING

(S-1) INSTALL TRAFFIC SIGN.

SIGN CONSTRUCTION NOTES:

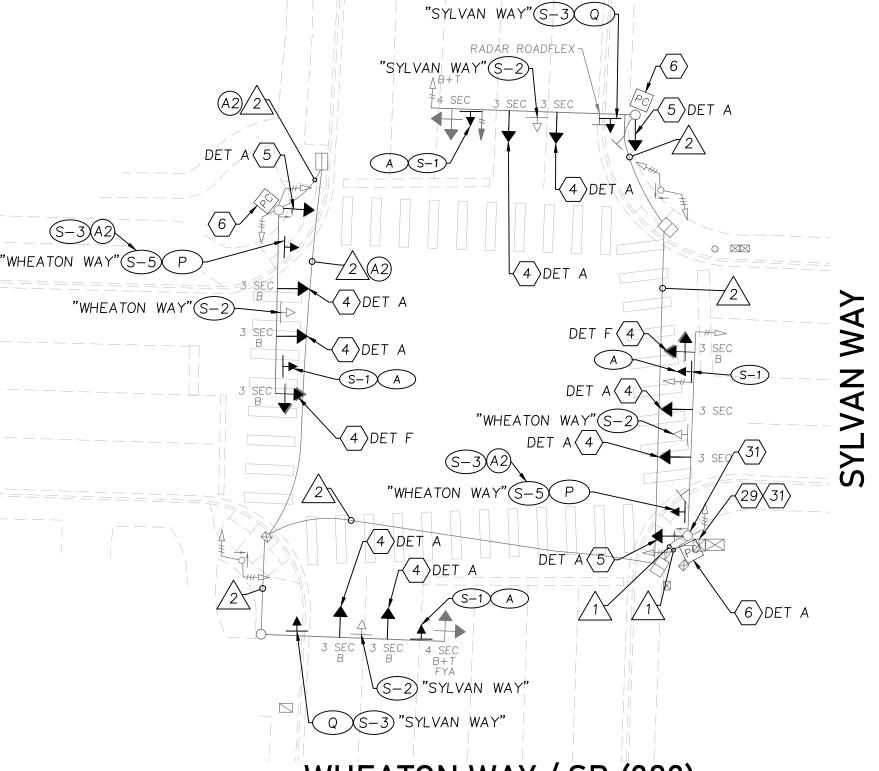
- (S-2) REMOVE AND SALVAGE EXISTING SIGN.
- (S-3) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN USING RIGID MOUNT PER SPECIFICATIONS.
- (S-5) INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN G-30.10-04.

SCHEDULE PEU IISNS | GRND² | COMMENTS CONDUIT SIZE/TYPE **EXIST CONDUIT EXIST CONDUIT** Note 1. Only Proposed Conductors shown.

Note 2. Ground Wire shall be equal to or larger than largest conductor

PHASE DIAGRAM → VEHICLE MOVEMENT

WHEATON WAY / SR (303)



WHEATON WAY / SR (303) WHEATON WAY (SR 303) & SYLVAN WAY

CONSTRUCTION NOTES:

- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER PLAN.
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- (6) INSTALL POLE MOUNTED TERMINAL COMPARTMENT PER SPECIFICATIONS..
- REMOVE EXISTING SIGNAL HEAD AND MOUNTING. DISPOSE OF SIGNAL 9 HEAD OR SALVAGE TO THE CITY OF BREMERTON PER SPECIFICATIONS, PER THE CITY'S DISCRETION.
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER, CONTROLLED BY EXISTING CONTACTOR, IN EXISTING SERVICE ENCLOSURE. LABEL CIRCUIT "STREET SIGNS".
- NSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER IN BREAKER BOX. LABEL CIRCUIT "STREET SIGNS". INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE AND RUN IISNS WIRES THROUGH PEU BEFORE WIRING TO THE IISNS AT THE INTERSECTION.
- INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE. RUN WIRES TO EXISTING CONTACTOR IN EXISTING SERVICE ENCLOSURE.

FED AID NO: HSIP-000S(525)





REVISIONS DESCRIPTION ORRECTED GN#7.

BY TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** VERT. AS NOTED HORIZ. AS NOTED

DRAWING NO

FIELD BOOK

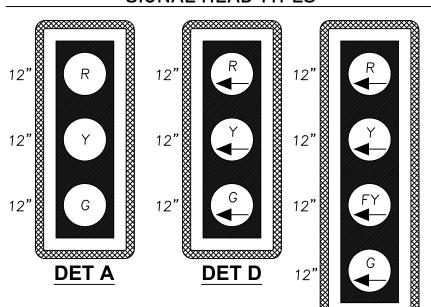
DRAWN BY: ERIC RIVERA DATE: 05/23/2021

DESIGN BY: MARIA TRIBELHORN



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN WHEATON WAY (SR 303) & SHERIDAN RD, WHEATON WAY (SR 303) & SYLVAN WAY

DWG NO. TS-07 SHEET OF 100





DET F

DISPLAY NOTES:

- 1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.
- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

LEGEND: PROPOSED EXISTING SIGNAL POLE NOTE CONSTRUCTION NOTE WIRE NOTE — UNDERGROUND CONDUIT ———— — — OVERHEAD CONDUCTORS — — — TYPF 1 JR

	TYPE 2 JB	
	TYPE 3 JB	
	TYPE 8 JB	
	POWER SERVICE	\mathbb{X}
	CONTROLLER CABINET	
В	BACKPLATE	
B+T	BACKPLATE & TAPE	
0	PED PUSH BUTTONS	$\overline{\Diamond}$
3 SEC	3 SECTIONS	
4 SEC	4 SECTIONS	
PC	POLE CAN	PC
	PED SIGNAL HEAD	

EVP DETECTOR (OPTICOM)

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

-

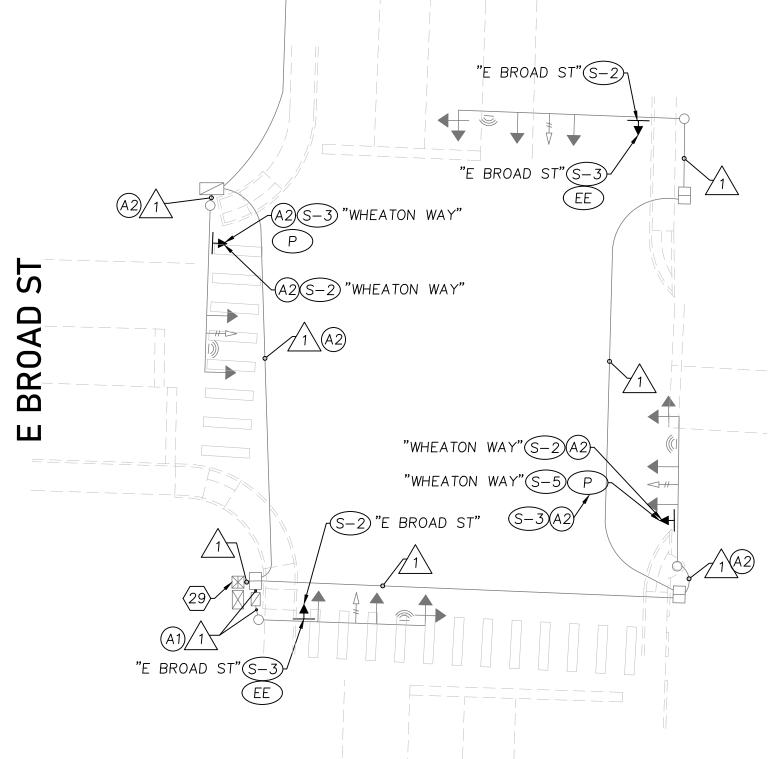
X

WHEATON WAY (SR 303) & E BROAD ST ST WIRING

	SCHEDULE						
RUN NO.	CONDUIT SIZE/TYPE	IISNS #12	GRND ²	COMMENTS			
1	EXIST CONDUIT	2					
Note 1. Only Proposed Conductors shown.							

Note 2. Ground Wire shall be equal to or larger than largest conductor in

WHEATON WAY / SR (303)



WHEATON WAY / SR (303) WHEATON WAY (SR 303) & E BROAD ST

GENERAL NOTES:

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE—CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES SHALL REMAIN UNWELDED
- 7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, XCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

SIGN CONSTRUCTION NOTES:

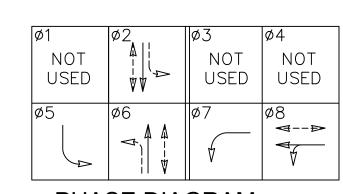
- (S-1) INSTALL TRAFFIC SIGN.
- S-2 REMOVE AND SALVAGE EXISTING SIGN.
- (S-3) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN USING RIGID MOUNT PER SPECIFICATIONS.
- (S-5) INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN G - 30.10 - 04.
- (A2) BID ALTERNATIVE A2

WHEATON AVE (SR 303) & HOLLIS ST HEADS GRND² COMMENTS CONDUIT SIZE/TYPE | 5C **EXIST CONDUIT EXIST CONDUIT** 2

EXIST CONDUIT Note 1. Only Proposed Conductors shown

Note 2. Ground Wire shall be equal to or larger than largest conductor in

Note 3. Veh Det Cable is Orion Wire Combo-2204-2002-PVCGY for Wavetronix Radar



PHASE DIAGRAM → VEHICLE MOVEMENT

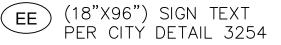
Wheaton Way

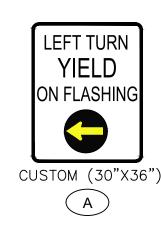
(18"X114") SIGN TEXT PER CITY DETAIL 3254

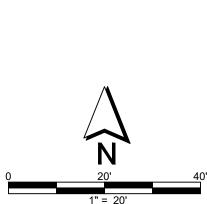


(18"X78") SIGN TEXT PER CITY DETAIL 3254

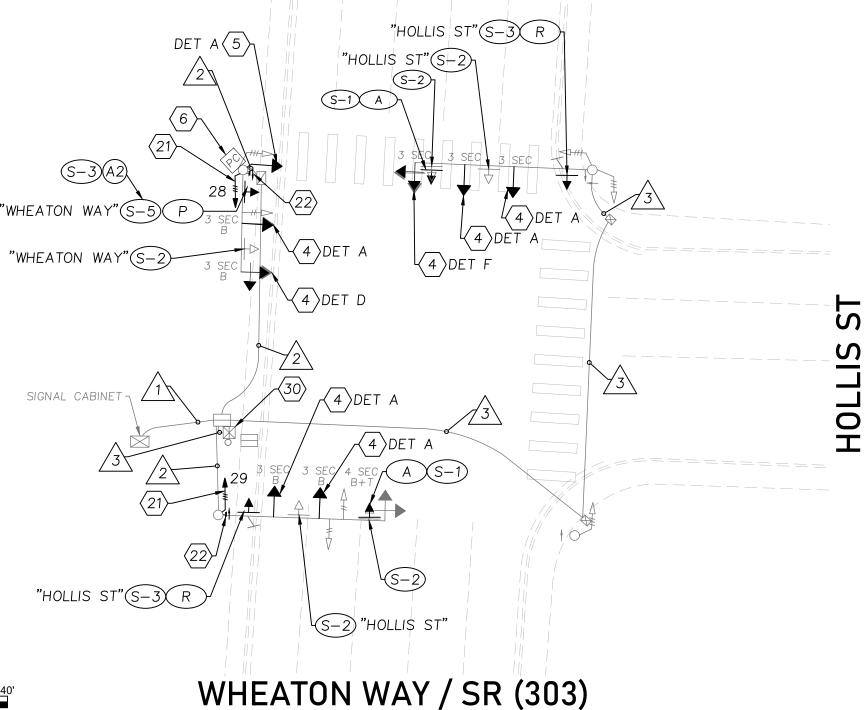








WHEATON WAY / SR (303)



WHEATON WAY (SR 303) & HOLLIS ST

CONSTRUCTION NOTES:

- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER PLAN.
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- \langle 6 \rangle install pole mounted terminal compartment per specifications..
- INSTALL NEW COUNTDOWN STYLE PEDESTRIAN SIGNAL HEAD WITH TYPE E SIDE MOUNT PER PLAN.
- (22) INSTALL NEW AD SPECIFICATIONS. INSTALL NEW ADA ACCESSIBLE PEDESTRIAN PUSHBUTTONS PER
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER, CONTROLLED BY EXISTING CONTACTOR, IN EXISTING SERVICE ENCLOSURE. LABEL CIRCUIT "STREET SIGNS".
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER IN BREAKER BOX. LABEL CIRCUIT "STREET SIGNS". INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE AND RUN IISNS WIRES THROUGH PEU BEFORE WIRING TO THE IISNS AT THE INTERSECTION.

FED AID NO: HSIP-000S(525)



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN

WHEATON WAY (SR 303) & HOLLIS ST

DWG NO. TS-08 SHEET 93 100

WHEATON WAY (SR 303) & E BROAD ST, AND

ORRECTED GN#7.

REVISIONS DATE **DESCRIPTION** BY

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** HORIZ. AS NOTED

FIELD BOOK DRAWING NO VERT. AS NOTED

DRAWN BY: ERIC RIVERA DATE: 05/23/2021

DESIGN BY: MARIA TRIBELHORN

REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.

CITY OF BREMERTON

10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.

1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO

2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE

USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD

3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED

4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET

5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO

7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL

ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.

EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS

8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON

9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING

BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE

SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.

FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C

OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM. AND SHALL

SIGNAL MODIFICATIONS NOTES:

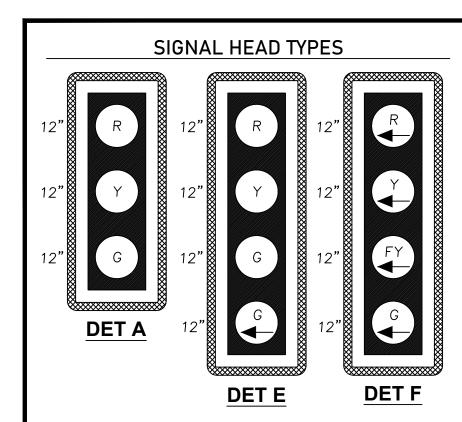
OF BY THE CONTRACTOR.

THE BOTTOM OF SIGNAL HEAD ASSEMBLY.

FOR 4 AND 5 SECTION SIGNAL HEADS.

CHECKED BY: PABLO PARA





DISPLAY NOTES:

LEGEND:

EXISTING

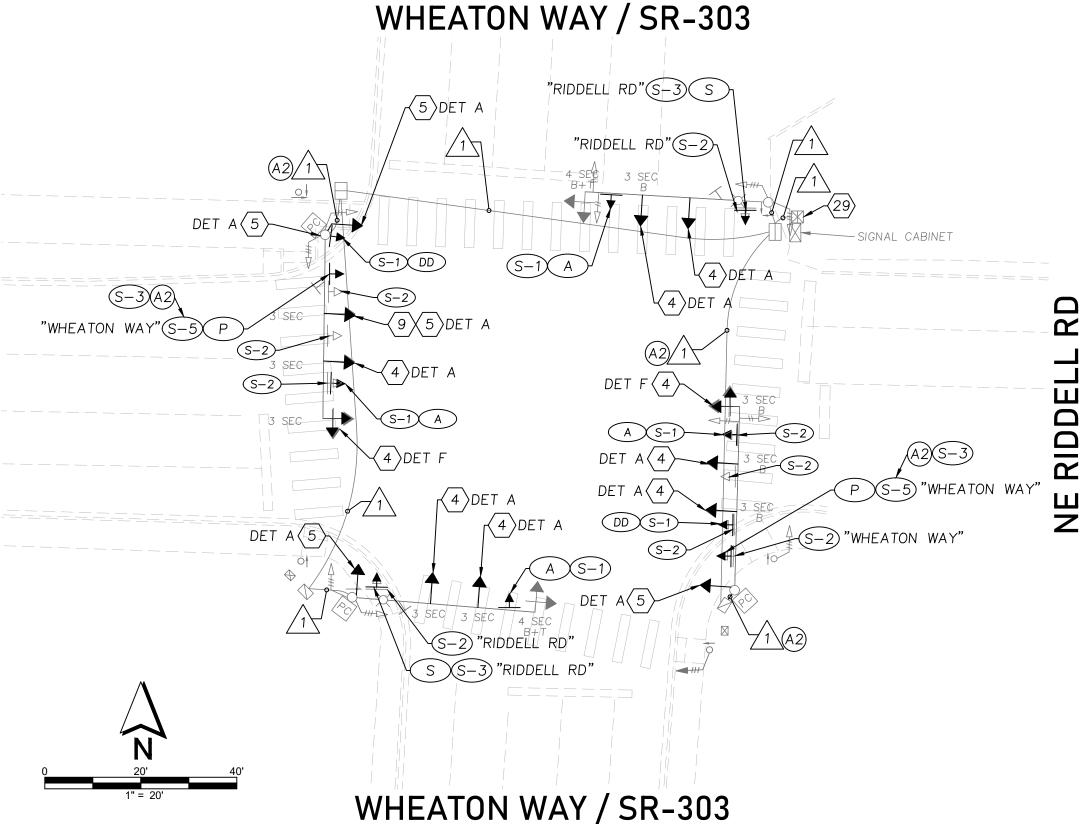
- 1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.
- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

PROPOSED

WHEATON WAY (SR 303) & RIDDELL RD WIRING **SCHEDULE** GRND² COMMENTS CONDUIT SIZE/TYPE EXIST CONDUIT Note 1. Only Proposed Conductors shown. Note 2. Ground Wire shall be equal to or larger than largest

conductor in conduit

PHASE DIAGRAM → VEHICLE MOVEMENT



WHEATON WAY (SR 303) & NE RIDDELL RD

SIGN CONSTRUCTION NOTES: (S-1) INSTALL TRAFFIC SIGN.

- (S-2) REMOVE AND SALVAGE EXISTING SIGN.
- (S-3) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN USING RIGID MOUNT PER SPECIFICATIONS.
- (S-5) INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN G - 30.10 - 04.
- (A2) BID ALTERNATIVE A2

Wheaton Way

(18"X114") SIGN TEXT PER CITY DETAIL 3254

NE Riddell Rd

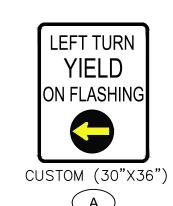
(18"X114") SIGN TEXT PER CITY DETAIL 3254

SR 303

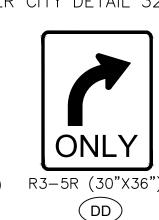
(18"X72") SIGN TEXT PER CITY DETAIL 3254

NE Furneys Ln

(U) (18"X126") SIGN TEXT PER CITY DETAIL 3254







WHEATON WAY (SR 303) & NE FURNEYS LN

4 DET A

SR-303

SR-303

DET $F\langle 4 \rangle$

"FURNEYS LN"(S-2)

"FURNEYS LN"(S-5)

CONSTRUCTION NOTES:

- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER PLAN.
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER
- REMOVE EXISTING SIGNAL HEAD AND MOUNTING. DISPOSE OF SIGNAL 9 HEAD OR SALVAGE TO THE CITY OF BREMERTON PER SPECIFICATIONS, PER THE CITY'S DISCRETION.
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER, CONTROLLED BY EXISTING CONTACTOR, IN EXISTING SERVICE ENCLOSURE. LABEL CIRCUIT

DETAIL ON SHEET TSD-2.

"STREET SIGNS".

NOT

USED

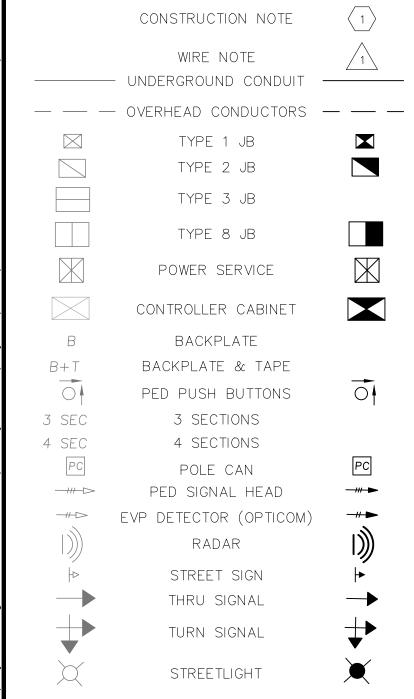
PHASE DIAGRAM

DET A 4

→ VEHICLE MOVEMENT

USED

LOOPS



SIGNAL POLE NOTE

GENERAL NOTES:

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE—CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES SHALL REMAIN UNWELDED.....
- 7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

SIGNAL MODIFICATIONS NOTES:

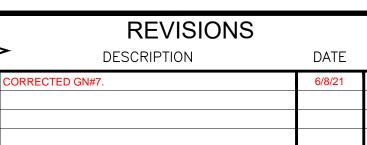
- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.
- 10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

FED AID NO: HSIP-000S(525

SHWAY SAFETY IMPROVEMENT PROJECT PHAS	3E
BREMERTON, WA KITSAP COUNTY	
TRAFFIC SIGNAL MODIFICATION PLAN	
WHEATON WAY (SR 303) & NE RIDDELL RD,	
MULEATON MAY (SD 202) & NE ELIDNEVS LN	

LO PA PARTINGTON	
PEGISTERED STORES OF STORE	





BY TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** HORIZ. AS NOTED VERT. AS NOTED

DRAWING NO DRAWN BY: ERIC RIVERA DATE: 05/23/2021

FIELD BOOK

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON

CHECKED BY: PABLO PARA



"SR 303" S-5

"FURNEYS LN"(S-2)

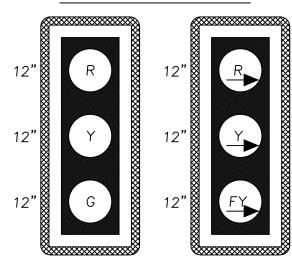
"FURNEYS LN" (S-5) U

WHEATON WAY (SR 303) & NE FURNEYS LN

TS-09 SHEET OF 100

DWG NO

SIGNAL HEAD TYPES





DISPLAY NOTES:

LEGEND:

EXISTING

В

0

3 SEC

4 SEC

PC

-

-

X

B+T

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

RADAR

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

— UNDERGROUND CONDUIT ————

1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.

DET H

- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

PROPOSED

 \bigcirc

PC

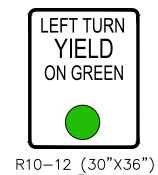
-//->

SIGN CONSTRUCTION NOTES:

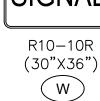
- (S-1) INSTALL TRAFFIC SIGN.
- (S-2) REMOVE AND SALVAGE EXISTING SIGN.
- (S-3) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN USING RIGID MOUNT PER SPECIFICATIONS.
- (S-5) INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN G - 30.10 - 04.
- (A2) BID ALTERNATIVE A2



CUSTOM (30"X36")







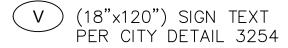
EXIST TYPE PS POLE WITH

NEW FOUNDATION PER PLAN AND WSDOT DETAILS J-20.16



E) (18"X96") SIGN TEXT PER CITY DETAIL 3254

Shorewood Dr



GENERAL NOTES:

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES

PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS

SHALL REMAIN UNWELDED. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM. EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE

SIGNAL MODIFICATIONS NOTES:

- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET TSD-02.
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.

BID ALTERNATE SEE SPECIAL PROVISIONS.

- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.
- 10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

KITSAP WAY AVE & SHOREWOOD DR WIRING SCHEDULE VEH DET CONDUIT SIZE/TYPE HEADS **HEADS** GRND² COMMENTS #12 5C 5C 2" PVC SCH 80 EXIST **EXIST EXIST** 2 **EXIST** 2 2 2 **EXIST** Note 1. Only Proposed Conductors shown.

Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit

Note 3. Veh Det Cable is Orion Wire Combo-2204-2002-pvcgy for Wavetronix Radar Unit

EX (OPTICOM) EX (INTERCONNECT) EX (OPTICOM) S S—2)"SHOREWOOD DR" SHOREWOOD DR

SHOREWOOD DR

 $\langle 4 \rangle DET A$

POLE CONSTRUCTION NOTES:

PERSPECTIVE VIEW

MODIFIED FOUNDATION WITH

CURB BASE DETAIL

REMOVE EXISTING PS POLE, PUSHBUTTON, PEDESTRIAN SIGNAL HEAD, AND SALVAGE TO CITY OF BREMERTON. PROTECT PS POLE FOR REUSE IN POLE NOTE 2 HEREON. INSTALL NEW 14' TYPE 1 SIGNAL POLE ON EXISTING FOUNDATION WITH TOP MOUNT TRAFFIC SIGNAL HEAD PER DETAIL H HEREON. TWO COUNTDOWN TYPE PEDESTRIAN SIGNAL HEADS WITH TYPE E SIDE MOUNTS, ONE ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH DUAL ARROW, AND ONE TRAFFIC SIGN PER PLAN.

CONCRETE PAD PER

PLAN

SPECIFICATIONS

- CONSTRUCT MODIFIED FOUNDATION WITH CURB BASE PER WSDOT STD PLAN J-21.10 AND DETAIL HEREON DE INSTALL CALVAGES DE TOURS J-21.10 AND DETAIL HEREON, RE-INSTALL SALVAGED PS POLE WITH TYPE D TOP MOUNT COUNTDOWN TYPE PEDESTRIAN SIGNAL HEAD, AND ONE ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH 6" MPS EXTENSION BRACKET AND 90 DEGREE EXTENSION ADAPTER.
- REMOVE EXISTING PS POLE, PUSHBUTTON, PEDESTRIAN SIGNAL HEAD, AND 3 SALVAGE TO CITY OF BREMERTON. PROTECT PS POLE FOR REUSE IN POLE NOTE 2 AT NATIONAL AVE INTERSECTION PER SHEET TS-12. INSTALL NEW 10' TYPE 1 SIGNAL POLE ON EXISTING FOUNDATION. INSTALL EXISTING PEDESTRIAN SIGNAL DISPLAYS IN NEW HOUSINGS ON NEW TYPE E SIDE MOUNTS. INSTALL TWO ACCESSIBLE PEDESTRIAN PUSHBUTTONS PER SPECIFICATIONS.

KITSAP WAY (SR 310) & SHOREWOOD

CONSTRUCTION NOTES:

- \langle 1 angle REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER
- INSTALL TRAFFIC SIGNAL HEAD AND THE WINDOWN SOLUTION OF CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED DETAIL ON SHEET TSD-2.
- REMOVE AND DISPOSE OF EXISTING PEDESTRIAN SIGNAL HEAD HOUSING AND MOUNTING HARDWARE. INSTALL NEW PEDESTRIAN SIGNAL HEAD HOUSING WITH TYPE E SIDE MOUNT PER PLAN. REUSE EXISTING COUNTDOWN PEDESTRIAN SIGNAL MODULE.
- REPLACE EXISTING PEDESTRIAN PUSH BUTTONS WITH ADA ACCESSIBLE 8 REPLACE EXISTING FEDESTRUM. PER SPECIFICATIONS.
- REMOVE EXISTING SIGNAL HEAD AND MOUNTING. DISPOSE OF SIGNAL 9 HEAD OR SALVAGE TO THE CITY OF BREMERTON PER SPECIFICATIONS, PER THE CITY'S DISCRETION.
- INSTALL RADAR PRESENCE DETECTOR WITH MOUNT PER SPECIFICATIONS AND MANUFACTURERS RECOMMENDATION
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER, CONTROLLED BY EXISTING CONTACTOR, IN EXISTING SERVICE ENCLOSURE. LABEL CIRCUIT "STREET SIGNS".
- INSTALL 6" MPS EXTENSION BRACKET WITH 90 DEGREE ADAPTER FOR PUSH BUTTON.

FED AID NO: HSIP-000S(525) DWG NO.



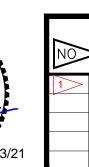
≪--₽

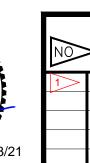
PHASE DIAGRAM

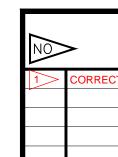
→ VEHICLE MOVEMENT

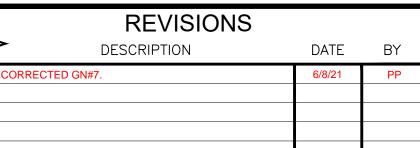


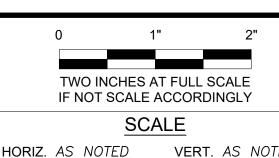












VERT. AS NOTED

DRAWING NO DATE: 05/23/2021

FIELD BOOK

DRAWN BY: ERIC RIVERA

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON





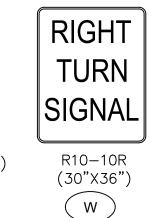
HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN KITSAP WAY (SR 310) & SHOREWOOD

TS-10 SHEET 100

SIGN CONSTRUCTION NOTES:

- (S-1) INSTALL TRAFFIC SIGN.
- (S-2) REMOVE AND SALVAGE EXISTING SIGN.
- (S-3) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN USING RIGID MOUNT PER SPECIFICATIONS.
- (S-5) INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN G - 30.10 - 04.
- (A2) BID ALTERNATIVE A2



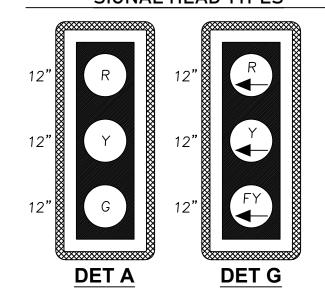






FF) (18"x120") SIGN TEXT PER CITY DETAIL 3254

SIGNAL HEAD TYPES



DISPLAY NOTES:

- 1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE. BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.
- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

KITSAP WAY AVE & OSTRICH BAY AVE WIRING SCHEDULE						
RUN NO.	CONDUIT SIZE/TYPE	VEH HEADS 5C	IISNS #12	GRND ²	COMMENTS	
1	EXIST CONDUIT	2	2			
2 EXIST CONDUIT 2						
Note 1. 0	Only Proposed Conductors	shown.				

Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit

Note 3. Veh Det Cable is Orion Wire Combo-2204-2002-pvcgy for Wavetronix Radar Unit

GENERAL NOTES:

- 1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.
- 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
- 3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE—CALL (811) FOR UTILITY LOCATIONS.
- 4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND LOCATIONS OF ALL UNDERGROUND UTILITIES.
- 5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.
- 6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES

SHALL REMAIN UNWELDED 7. STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM, EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID ALTERNATE A2 NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING: STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

SIGNAL MODIFICATIONS NOTES:

- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM. AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD
- 3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.

CITY OF BREMERTON

- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.
- 10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

KITSAP WAY (SR 310) & OSTRICH BAY AVE

CONSTRUCTION NOTES:

- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- REPLACE EXISTING PEDESTRIAN PUSH BUTTONS WITH ADA ACCESSIBLE $^{\prime}$ PEDESTRIAN PUSHBUTTONS PER SPECIFICATIONS.
- REPLACE GREEN ARROW INDICATION WITH FLASHING YELLOW ARROW INDICATION.
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER, CONTROLLED BY EXISTING CONTACTOR, IN EXISTING SERVICE ENCLOSURE. LABEL CIRCUIT "STREET SIGNS".

FED AID NO: HSIP-000S(525)

NOT

USED

PHASE DIAGRAM

→ VEHICLE MOVEMENT

NOT

USED

USED

USED





LEGEND:

EXISTING

В

0

B+T

3 SEC

4 SEC

PC

-

-

X

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

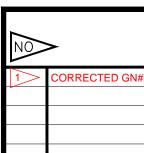
STREET SIGN

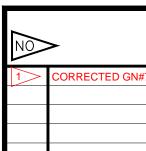
THRU SIGNAL

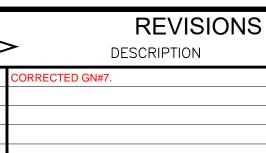
TURN SIGNAL

STREETLIGHT

— UNDERGROUND CONDUIT ————







PROPOSED

0

PC

-//->

—

DATE BY 6/8/21

TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY **SCALE** HORIZ. AS NOTED VERT. AS NOTED

FIELD BOOK DRAWING NO

DRAWN BY: ERIC RIVERA DATE: 05/23/2021

DESIGN BY: MARIA TRIBELHORN





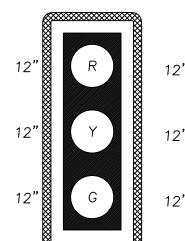
DWG NO. TS-11 SHEET

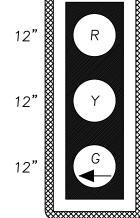
100

310

S

SIGNAL HEAD TYPES





DET C





GENERAL NOTES:

SIGNAL MODIFICATIONS NOTES:

OF BY THE CONTRACTOR.

TSD-02.

THE BOTTOM OF SIGNAL HEAD ASSEMBLY.

FOR 4 AND 5 SECTION SIGNAL HEADS.

(811) FOR UTILITY LOCATIONS.

DET H

DISPLAY NOTES:

LEGEND:

EXISTING

 \boxtimes

B+T

0

3 SEC

4 SEC

PC

-

-

X

SIGNAL POLE NOTE

CONSTRUCTION NOTE

WIRE NOTE

— — OVERHEAD CONDUCTORS — — —

TYPE 1 JB

TYPE 2 JB

TYPE 3 JB

TYPE 8 JB

POWER SERVICE

CONTROLLER CABINET

BACKPLATE

BACKPLATE & TAPE

PED PUSH BUTTONS

3 SECTIONS

4 SECTIONS

POLE CAN

PED SIGNAL HEAD

EVP DETECTOR (OPTICOM)

STREET SIGN

THRU SIGNAL

TURN SIGNAL

STREETLIGHT

- UNDERGROUND CONDUIT -----

DET A

- 1. ALL VEHICLE SIGNAL HEADS SHALL BE 12" LED LENSES WITH QUICK CLIP REPLACEMENTS PER SPECIFICATIONS. THE HOUSINGS SHALL BE ALUMINUM AND PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR ON INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE BACKPLATES SHALL BE ALUMINUM. LOUVERED, BLACK IN COLOR FRONT AND BACK, AND SHALL HAVE MANUFACTURER INSTALLED TWO-INCH WIDE BORDER ON THE FRONT SIDE.
- 2. MOUNT ALL VEHICLE SIGNAL HEADS ON MAST ARMS BETWEEN RED AND YELLOW INDICATION UNLESS NOTED OTHERWISE.
- 3. ALL PEDESTRIAN SIGNAL DISPLAYS SHALL BE LED, COUNTDOWN TYPE, SOLID (NOT-OUTLINED) SYMBOLIC LEGENDS, AND "Z-CRATE" VISORS. THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- 4. WHERE NOTE WITH "LV" ON PLANS, CONTRACTOR SHALL PROVIDE LOUVERED VISORS FOR ALL SIGNAL HEAD INDICATIONS TO LIMIT VISIBILITY. ENGINEER WILL FIELD VERIFY SIGNAL HEAD ORIENTATION AND AIM.

PROPOSED

 \bigcirc

PC

-//->

SIGN CONSTRUCTION NOTES:

- (S-1) INSTALL TRAFFIC SIGN.
- (S-2) REMOVE AND SALVAGE EXISTING SIGN.
- (S-3) INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN USING RIGID MOUNT PER SPECIFICATIONS.
- (S-5) INSTALL STREET NAME SIGN PER BREMERTON STD 3254 AND WSDOT STANDARD PLAN G - 30.10 - 04.

(18"X96") SIGN TEXT

National Ave

(18"X108") SIGN TEXT

PER CITY DETAIL 3254

PER CITY DETAIL 3254

BID ALTERNATIVE A2

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE CITY OF

APPLICABLE DETAILS SHALL BE ON SITE DURING CONSTRUCTION.

BREMERTON GIS AND ARE CONSIDERED INFORMATIONAL ONLY.

4. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE, IT SHALL BE THE

CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE DEPTHS AND

5. UNLESS NOTED OTHERWISE, ALL FEATURES SHOWN ARE BASED ON CITY OF

6. FOR JUNCTION BOXES WITH WELDED COVER, THE CONTRACTOR SHALL CUT WELD TO ACCESS AND PULL NEW CONDUCTOR FOR SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, VIDEO DETECTION CAMERAS, AND VEHICLE DETECTION LOOPS. ONCE WORK HAS BEEN COMPLETED, CONTRACTOR SHALL RE-WELD JUNCTION BOX LID

FOR ONLY THE STREET LIGHTING JUNCTION BOXES. TRAFFIC JUNCTION BOXES SHALL REMAIN UNWELDED.....

MODIFICATION PLANS ARE PAID AS PART OF PERMANENT SIGNING BID ITEM.

ALTERNATE [A2] NOTES, THEY ARE PAID AS PART OF "PERMANENT SIGNING:

STREET NAME SIGNS" BID ITEM. ILLUMINATED STREET NAME SIGN ITEMS ARE

PAID AS PART OF TRAFFIC SIGNAL COMPLETE BID ITEMS, UNLESS NOTED AS

STANDARD TRAFFIC AND STREET NAME SIGN ITEMS SHOWN ON SIGNAL

1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT

DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO

2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE

USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD

3. ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED

4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET

5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO

7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL

8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE—EMPTION DETECTORS PER MOUNTING DETAIL ON

9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING

BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE

SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.

EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS

FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C

ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.

OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL

3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE—CALL

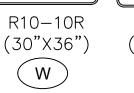
BREMERTON'S REQUIREMENTS AND SPECIFICATIONS.

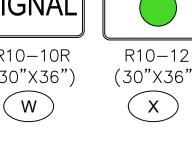
LOCATIONS OF ALL UNDERGROUND UTILITIES.

BID ALTERNATE A2 SEE SPECIAL PROVISIONS.

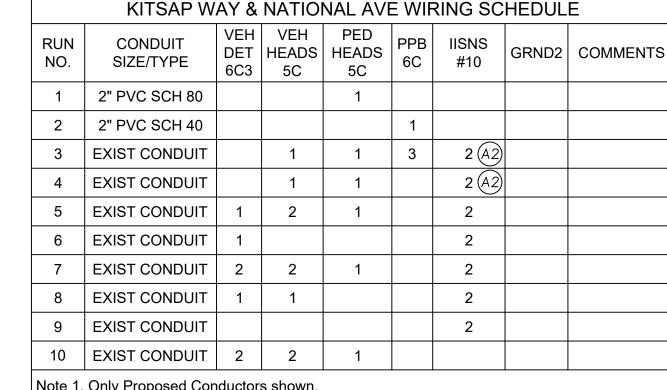
6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.

LEFT TURN **YIELD**





ON GREEN R10-12 (30"X36")



Note 1. Only Proposed Conductors shown.

Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit

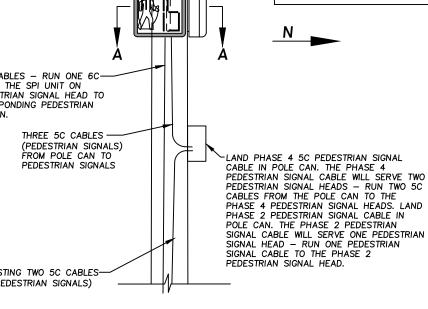
3

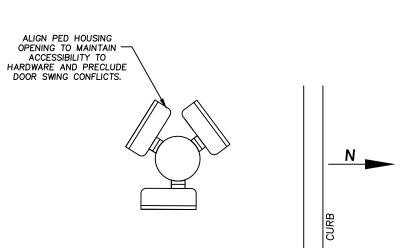
Note 3. Veh Det Cable is Orion Wire Combo-2204-2002-pvcgy for Wavetronix Radar Unit

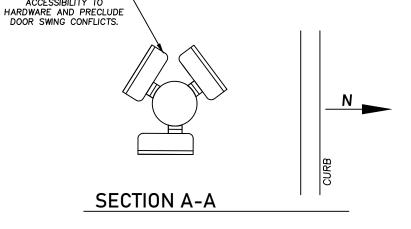
"NATIONAL AVE"

"NATIONAL AVE" (S-2)-

THREE 6C CABLES — RUN ONE 6C— CABLE FROM THE SPI UNIT ON EACH PEDESTRIAN SIGNAL HEAD TO THE CORRESPONDING PEDESTRIAN PUSH BUTTON. THREE 5C CABLES -(PEDESTRIAN SIGNALS) FROM POLE CAN TO PEDESTRIAN SIGNALS 2. STANDARD PLANS SHALL BE THE LATEST EDITION AND SPECIFICATIONS SHALL BE 2021 WSDOT/APWA AS MODIFIED BY THE CITY OF BREMERTON, INCLUDING EXISTING TWO 5C CABLES-BREMERTON'S STANDARD DETAILS. A COPY OF THESE APPROVED PLANS AND





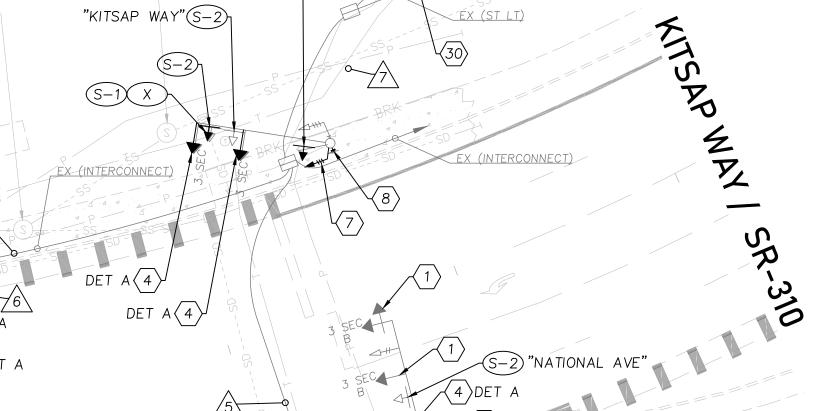


EXCEPT, WHERE STANDARD STREET NAME SIGNS ITEMS ARE LABELED WITH BID OFFSET CLAMSHELL PEDESTRIAN SIGNAL HEAD MOUNT DETAIL

CONSTRUCTION NOTES:

- 1 > REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- REMOVE AND DISPOSE OF EXISTING PEDESTRIAN SIGNAL HEAD HOUSING AND MOUNTING HARDWARE. INSTALL NEW PEDESTRIAN SIGNAL HEAD HOUSING WITH TYPE E SIDE MOUNT PER PLAN. REUSE EXISTING COUNTDOWN PEDESTRIAN SIGNAL MODULE.
- REPLACE EXISTING PEDESTRIAN PUSH BUTTONS WITH ADA ACCESSIBLE PEDESTRIAN PUSHBUTTONS PER SPECIFICATIONS.
- INSTALL RADAR PRESENCE DETECTOR WITH MOUNT PER SPECIFICATIONS AND MANUFACTURERS RECOMMENDATION
- INSTALL SINGLE POLE 15 AMP CIRCUIT BREAKER, CONTROLLED BY EXISTING CONTACTOR, IN EXISTING SERVICE ENCLOSURE. LABEL CIRCUIT "STREET SIGNS".
- $\langle \overline{_{30}}
 angle$ install single pole 15 amp circuit breaker in breaker box. LABEL CIRCUIT "STREET SIGNS". INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE AND RUN IISNS WIRES THROUGH PEU BEFORE WIRING TO THE IISNS AT THE INTERSECTION
- INSTALL RADAR CABINET INTERFACE DEVICE (CID) AND OTHER REQUIRED EQUIPMENT FOR RADAR DETECTION INTEGRATION IN CABINET PER SPECIFICATIONS.

CITY OF BREMERTON



USED

NOT

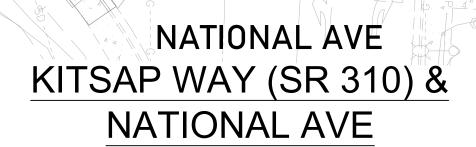
USED

PHASE DIAGRAM

→ VEHICLE MOVEMENT

≪--₽

₩--₽

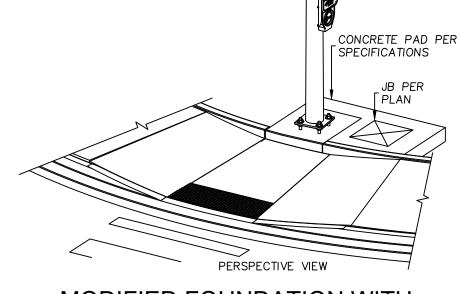


DET A $\langle 4 \rangle$

S-2) "KITSAP WAY

(S-5)(E)"KITSAP WAY"

- INSTALL TRAFFIC SIGNAL HEAD ON SIDE MOUNT PER DETAIL H HEREON. REMOVE AND DISPOSE OF TWO PEDESTRIAN PUSH BUTTONS. REMOVE AND DISPOSE OF TWO EXISTING PEDESTRIAN SIGNAL HEAD HOUSINGS AND MOUNTING HARDWARE. INSTALL THREE PEDESTRIAN SIGNAL HEAD HOUSINGS WITH OFFSET REAR MOUNTS PER PLAN AND DETAIL HEREON. REUSE EXISTING COUNTDOWN PEDESTRIAN SIGNAL MODULES AND SUPPLY ONE NEW PEDESTRIAN SIGNAL MODULE, AND ONE TRAFFIC SIGN.
- (3) WITH CURB BASE AND FOUNDATION PER WSDOT STANDARD PLAN J-20.11-04. INSTALL NEW ACCESSIBLE PEDESTRIAN PUSH BUTTON.



EXIST TYPE PS POLE WITH

NEW FOUNDATION PER PLAN

AND WSDOT DETAILS J-20.16

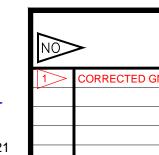
MODIFIED FOUNDATION WITH **CURB BASE DETAIL**

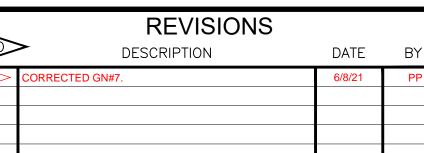
FED AID NO: HSIP-000S(525)

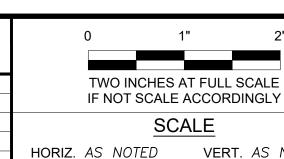
POLE CONSTRUCTION NOTES:

- CONSTRUCT MODIFIED FOUNDATION WITH CURB BASE PER WSDOT STD 'PLAN J-21.10 AND DETAIL HEREON, RE-INSTALL SALVAGED PS POLE WITH TYPE D TOP MOUNT COUNTDOWN TYPE PEDESTRIAN SIGNAL HEAD, AND ONE ACCESSIBLE PEDESTRIAN PUSHBUTTON WITH 6" MPS EXTENSION BRACKET AND 90 DEGREE EXTENSION ADAPTER.
- FURNISH AND INSTALL ACCESSIBLE PEDESTRIAN PUSH BUTTON POST









REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.

10. SEE TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS ON SHEET TSD-01.

VERT. AS NOTED

DRAWING NO DRAWN BY: ERIC RIVERA DATE: 05/23/2021

FIELD BOOK

DESIGN BY: MARIA TRIBELHORN

CHECKED BY: PABLO PARA

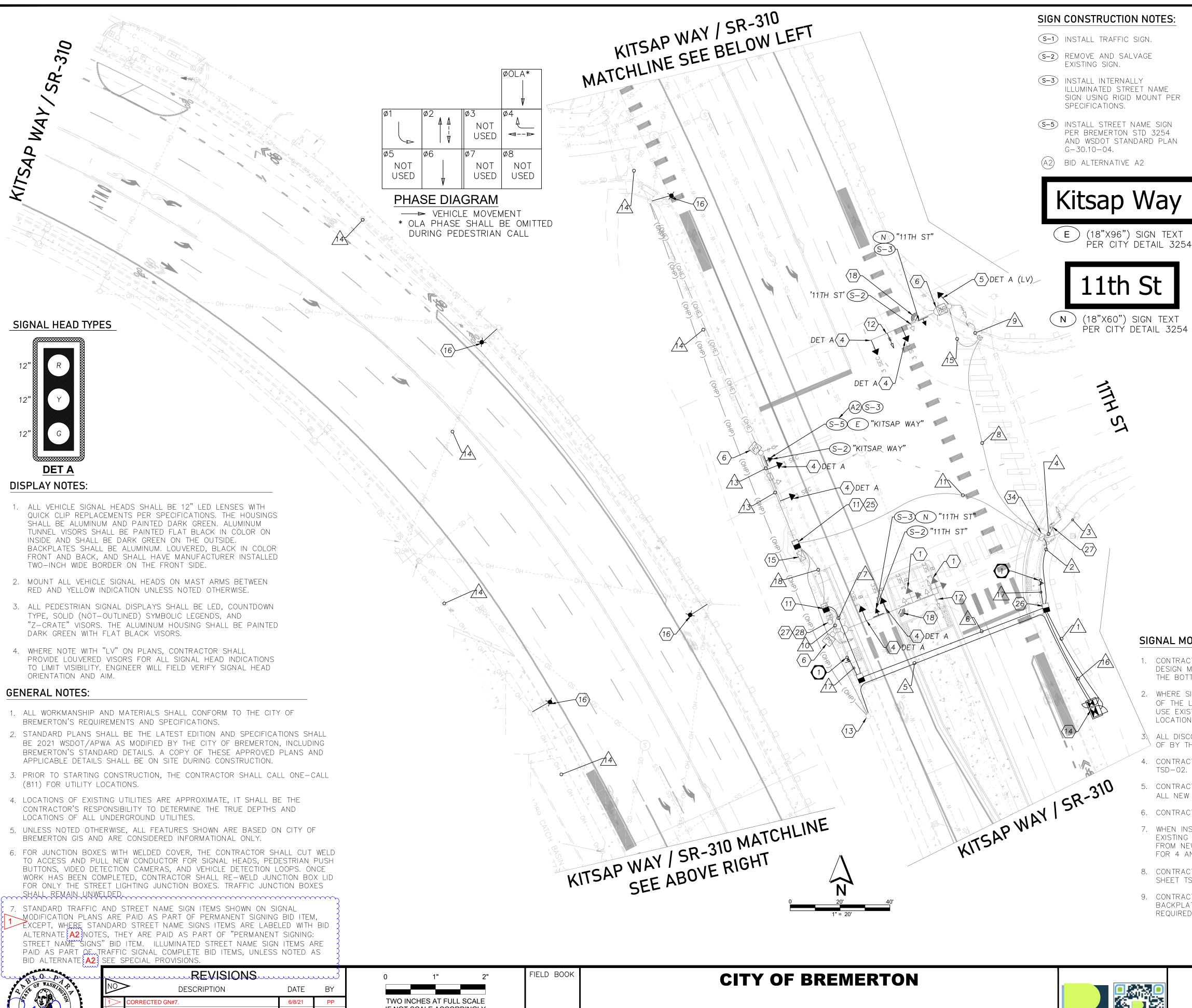


HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN KITSAP WAY (SR 310) & NATIONAL AVE

DWG NO. TS-12 SHEET 100

Call 81²

before you dig



CONSTRUCTION NOTES:

- REMOVE AND DISPOSE OF EXISTING BACKPLATE. REPLACE WITH NEW ALUMINUM LOUVERED BACKPLATE WITH MANUFACTURER INSTALLED 2" WIDE RETROREFLECTIVE TAPE BORDER.
- REMOVE AND REPLACE EXISTING SIGNAL HEAD ON EXISTING MOUNT PER PLAN.
- INSTALL TRAFFIC SIGNAL HEAD AND TYPE M MOUNT. USE CABLEBANDED CLAMP KITS WITH SUPPORT TUBE FOR PLUMBIZER M MOUNTS PER DETAIL ON SHEET TSD-2.
- INSTALL POLE MOUNTED TERMINAL COMPARTMENT PER WSDOT 6 STANDARD DETAIL J-75.30 AND SPECIFICATIONS.
- (11) REPLACE EXISTING JBOX PER PLAN.
- INSTALL EVP DETECTOR AND INDICATOR LIGHT PER DETAIL ON SHEET TSD-02.
- INSTALL 2" POWER SERVICE RISER PER PSE REQUIREMENTS INSTALL 2 POWER SERVICE INSERT LETTING POWER COORDINATE SERVICE CONNECTION WITH PSE. DISCONNECT EXISTING POWER POWER SERVICE, REMOVE AND DISPOSE OF ALL EXISTING POWER SERVICE EQUIPMENT.
- CONSTRUCT COMBINED CONTROLLER CABINET AND POWER SERVICE CABINET FOUNDATION PER THE CABINET FOUNDATION DETAIL ON SHEET TSD-02, AND SPECIFICATIONS. SUPPLY AND INSTALL COMPLETE TRAFFIC SIGNAL CABINET AND POWER SERVICE CABINET PER COB STD DETAIL 7016. BREAKER SCHEDULE ON SHEET TSD-01. AND SPECIFICATIONS. INSTALL PEU ON NEAREST TRAFFIC SIGNAL POLE TO POWER SERVICE PER COB STD PLAN 7017. TERMINATE 6-PAIR SIGNAL INTERCONNECT CABLE (SIC) IN CABINET. INSTALL RADAR CABINET INTERFACE DEVICE (CID) AND OTHER REQUIRED EQUIPMENT FOR RADAR DETECTION INTEGRATION IN CABINET PER SPECIFICATIONS. ENGINEER TO FIELD VERIFY CABINET FOUNDATION LOCATION AND ORIENTATION PRIOR TO INSTALLATION.
- REMOVE AND SALVAGE EXISTING CABINET AND TRAFFIC SIGNAL COMPONENTS TO CITY OF BREMERTON. DEMOLISH CABINET FOUNDATION TO A DEPTH OF 1 FOOT BELOW GRADE.
- (16) NEW L.E.D. STREETLIGHT (BY PSE).
- (17) REMOVE AND SALVAGE EXISTING OPTICOM DETECTOR ASSEMBLY
- INSTALL RADAR PRESENCE DETECTOR WITH MOUNT PER SPECIFICATIONS AND MANUFACTURERS RECOMMENDATION AND MANUFACTURERS RECOMMENDATION
- PULL EXISTING 6-PAIR SIC CABLE BACK FROM EXISTING CABINET TO JUNCTION BOX. SPLICE NEW 6-PAIR SIC CABLE TO THE TOTAL PROPERTY OF THE PAIR SIC CABLE TO THE TOTAL PROPERTY OF THE PAIR SIC CABLE TO THE TOTAL PROPERTY OF THE PAIR SIC CABLE TO THE TOTAL PROPERTY OF THE PAIR SIC CABLE TO THE TOTAL PROPERTY OF THE PAIR SIC CABLE TO THE TOTAL PROPERTY OF THE PAIR SIC CABLE TO THE TOTAL PROPERTY OF THE PAIR SIC CABLE TO THE JUNCTION BOX. SPLICE NEW 6-PAIR SIC CABLE TO EXISTING SIC CABLE. RUN SIC CABLE TO NEW CONTROLLER CABINET PER PLAN.
- (26) COIL 25 FEET OF 6-PAIR SIC CABLE. LABEL THE CABLE.
- RELUCATE ACCESSIBLE NEW PUSH BUTTON POST. RELOCATE ACCESSIBLE PEDESTRIAN PUSH BUTTON FROM THIS POLE TO
- REMOVE AND SALVAGE EXISTING PEDESTRIAN PUSH BUTTON POST TO THE CITY OF BREMERTON.
- $\langle 34 \rangle$ INTERCEPT EXISTING ILLUMINATION CIRCUIT AND ROUTE TO NEW SERVICE PER BREAKER SCHEDULE, ONE LINE DIAGRAM, AND WIRE NOTES. INSTALL SINGLE PHOTOCELL PER CITY STANDARD 7017 AND REPLACE ALL OTHERS WITH SHORTING CAPS.

POLE CONSTRUCTION NOTES:

FURNISH AND INSTALL ACCESSIBLE PEDESTRIAN PUSH BUTTON POST WITH CURB BASE AND FOUNDATION PER WSDOT STANDARD PLAN J-20.11-04. INSTALL RELOCATED ACCESSIBLE PEDESTRIAN PUSH

SIGNAL MODIFICATIONS NOTES:

- 1. CONTRACTOR SHALL VERIFY THAT ALL NEW SIGNAL HEADS INSTALLED ARE MOUNTED PER THE WSDOT DESIGN MANUAL. THE MINIMUM VERTICAL CLEARANCE IS 16.5 FEET FROM THE ROADWAY SURFACE TO THE BOTTOM OF SIGNAL HEAD ASSEMBLY.
- 2. WHERE SIGNAL HEADS ARE CALLED OUT TO BE ADJUSTED, SIGNAL HEADS SHALL BE SET IN THE MIDDLE OF THE LANE THEY ARE ACROSS FROM WITH A MINIMUM SPACING OF 8' BETWEEN THEM, AND SHALL USE EXISTING TENONS WHERE POSSIBLE. THE ENGINEER SHALL CONFIRM THE FINAL SIGNAL HEAD
- ALL DISCONNECTED AND UNUSED EXISTING WIRING SHALL BE REMOVED FROM CONDUITS AND DISPOSED OF BY THE CONTRACTOR.
- 4. CONTRACTOR SHALL PLUG OR CAP ALL UNUSED WIREHOLES AND TENONS PER DETAIL 2 ON SHEET TSD-02.
- 5. CONTRACTOR SHALL FIELD VERIFY AND INSTALL PEDESTRIAN PUSH BUTTON EXTENSION ADAPTORS TO ALL NEW PUSH BUTTONS TO MEET 10" MAXIMUM REACH DISTANCE FROM PEDESTRIAN ACCESS ROUTE.
- 6. CONTRACTOR SHALL VERIFY CONDUIT AND AERIAL CONDUCTOR PATHWAYS.
- 7. WHEN INSTALLING NEW POLE MOUNTED TERMINAL COMPARTMENT CONTRACTOR SHALL TERMINATE ALL EXISTING SIGNAL CONDUCTORS FROM CABINET IN NEW COMPARTMENT AND INSTALL NEW CONDUCTORS FROM NEW TERMINAL COMPARTMENT TO SIGNAL HEADS. USE 5C FOR 3 SECTION SIGNAL HEADS AND 7C FOR 4 AND 5 SECTION SIGNAL HEADS.
- 8. CONTRACTOR SHALL ADJUST/RESET EMERGENCY PRE-EMPTION DETECTORS PER MOUNTING DETAIL ON SHEET TSD-02 AS NECESSARY TO ACCOMMODATE TRAFFIC SIGNAL HEADS AND TRAFFIC SIGNS.
- 9. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGNAL HEAD SIZE AND MANUFACTURER TYPE. MATCHING BACKPLATES ARE REQUIRED TO ENSURE PROPER FIT. MINIMUM OF EIGHT ATTACHMENT POINTS ARE REQUIRED PER SIGNAL HEAD USING STAINLESS STEEL SCREWS AND WASHERS.

FED AID NO: HSIP-000S(525)



IF NOT SCALE ACCORDINGLY **SCALE**

DRAWING NO HORIZ. AS NOTED VERT. AS NOTED

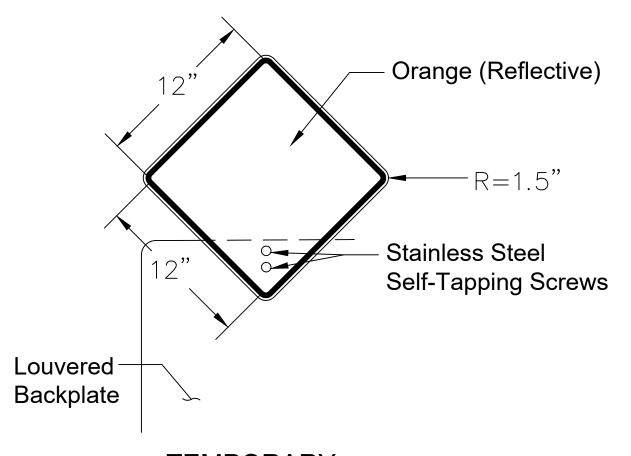
DRAWN BY: ERIC RIVERA DATE: 05/23/2021

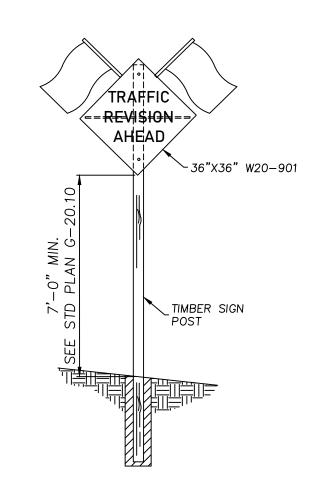
DESIGN BY: MARIA TRIBELHORN

CHECKED BY: PABLO PARA

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY TRAFFIC SIGNAL MODIFICATION PLAN KITSAP WAY (SR 310) & 11TH ST

DWG NO. TS-13 SHEET



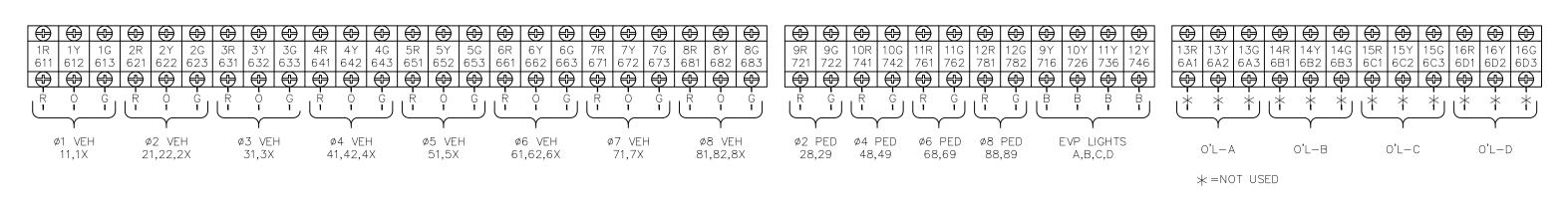


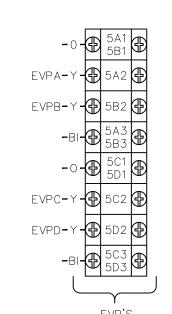
TEMPORARY WARNING PLACARD **INSTALL PER SPECIFICATIONS 8-21.3(13)**

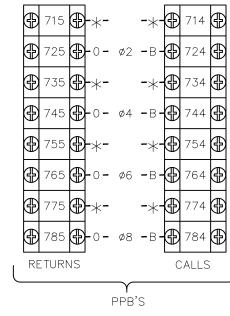
TEMPORARY "TRAFFIC REVISION AHEAD" SIGN INSTALL PER SPECIFICATIONS 8-21.3(13)

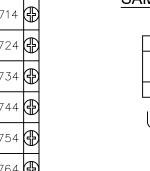
CASCADE SIGNALS CORP. CITY OF BREMERTON STANDARD CABINET WIRING TERMINATIONS

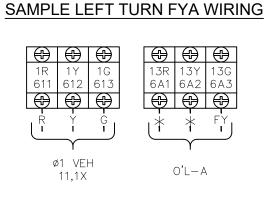
NOTE: WIRING TERMINATIONS SHOWN ARE TYPICAL. ONLY USE APPLICABLE PORTIONS PER PLAN. MODIFY AS NEEDED TO MAINTAIN CONSISTENCY WITH EXISTING AND PROPOSED FIELD PHASING PER PLAN. COORDINATE WITH CITY TRAFFIC SIGNAL TECHNICIAN PRIOR TO MODIFYING CABINET WIRING OR RE-LABELING.

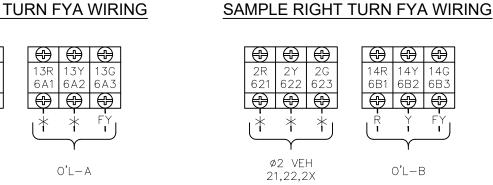


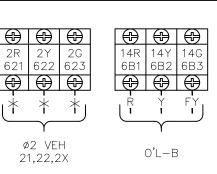








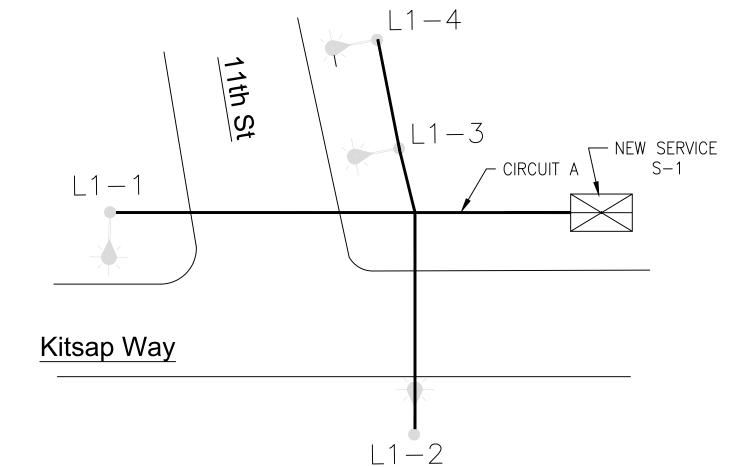




NOTE: ADJACENT THRU VEHICLE MOVEMENT IS PARENT PHASE. ENABLE PEDESTRIAN PROTECTION FUNCTION FOR RIGHT TURN OVERLAP. USE CONTROLLER OPTION TO FLASH RIGHT TURN PERMISSIVE YELLOW SIGNAL INDICATION.

TYPICAL FLASHING YELLOW ARROW WIRING DIAGRAMS

WIRING SCHEMATICS SHOWN ARE TYPICAL AND ONLY APPLICABLE PORTIONS SHALL BE USED PER PLAN.



Breaker Sch	iedule (Minimum)	Servio	te No:	S-1					
NEMA 3R Se	ervice Cabinet	Loca	tion:	Kitsap Way & 11th St					
Bremerton	Standard 7016	Descri	ption:	120/240V, Single Phase, 3-Wire					
Circuit	Description	Breake	r Rating	Contactor Rating	Voltage	Load (kVA)			
	MAIN	200	AMP		240				
1	Illumination A	20A/2	AMP	30 AMP	240	0.33			
2	(Ilumination B	20A/2	AMP	30 AMP	240	0.33			
3	Spare	20A/2	AMP	N/A	240	0			
4	Spare	20A/2	AMP	N/A	240	0			
5	Street Signs	15	AMP	30 AMP	120	0.165			
6	Traffic Signal	20	AMP	N/A	120	0.3			
7	Spare								
8	Strip Heater	15	AMP	N/A	120				
9	Photocell	15	AMP	N/A	120	0.001			
10	Receptacle	20	AMP	N/A	120	1.8			
pue	CM/ODY CHAIL DE DAT		Peak	2.93					
802	SWORK SHALL BE RAT	С	1.13						

					K	ITSAP '	WAY &	11TH	ST SIGN	NAL WI	RING S	CHEDULE	<u>-</u>				
RUN NO.	CONDUIT	VEH DET	VEH HEADS	PED HEADS	EVP (opticom)	IND. LIGHT	6-PAIR SIC	PPB 6C	LOOPS	IISNS #12	ILLUM.	Photocell	POWER	GRND ²	PULL WIRE	ACTUAL 3	COMMENTS
NO.	SIZE/TYPE	6C	5C	5C	3CS	2C	310	00	2CS	#12	#10	#12	#2		VVIKE	FILL ³	
1	3" PVC SCH 40	2	5	4										1		23%	
	3" PVC SCH 40				4	3	1		2					1		15%	
	3" PVC SCH 40														1	0	SPARE
2	3" PVC SCH 40	1	2	3										1		13%	
	3" PVC SCH 40				1	1		1	2					1		10%	
	3" PVC SCH 40														1	0	SPARE
	2" PVC SCH 40									2	2	3		1		10%	
3	EXIST 2"										2			1		6%	
4	EXIST 3"			2				1						1		8%	
5	2" PVC SCH 80												3	1		23%	VERIFY W/ PSE
	3" PVC SCH 40	1	3	1										1		11%	
	3" PVC SCH 40				3	2								1		6%	
6	3" PVC SCH 40						1								1		SPARE
	2" PVC SCH 40														1		SPARE
7	3" PVC SCH 40	1	3	1										1		11%	
	3" PVC SCH 40				3	2		1						1		9%	
	3" PVC SCH 40						1								1		SPARE
	2" PVC SCH 40														1		SPARE
	EXIST 3"	1	2	1										1		10%	
8	EXIST 3"				1	1			2					1		3%	
ŀ	EXIST 2"									2	2			1		12%	
9	EXIST 2"							1						1		8%	
	EXIST 3"	1	2	1										1		10%	
10	EXIST 3"				1	1		1						1		6%	
	EXIST 2"									2	2	3		1		12%	
	EXIST 2"										_			1		2%	
11	EXIST 2"									2	2	3		1		12%	
	EXIST 3"		1		2	2				_	_			1		8%	
13	EXIST 2"		'							2	2			1		9%	
14	EXIST OH				1									1		070	REWIRE EXISTIN
17	EXIST 3"	1	2	1	<u>'</u>									1		10%	TREVITE EXISTING
15	EXIST 3"	'		'	1	1		1						1		6%	
13	EXIST 2"				I	ı		'		2	2			1		9%	
	2" PVC SCH 40									2	2	3		1		10%	
16	2" PVC SCH 40											3		'	1	10 /0	SPARE
17	1" PVC							1						1		8%	SPANE
17			4		0	•		1						-			
18	EXIST 3" EXIST 2"		1		2	2	4					3		1		8% 9%	

Note 2. Ground Wire shall be equal to or larger than largest conductor in conduit, and shall be a minimum size #8

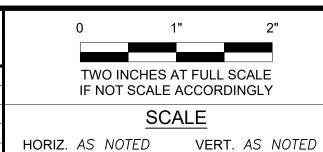
Note 3. Allowable fill is 26% for new conduit and 40% for existing conduit

FED AID NO: HSIP-000S(525)





	REVISIONS	
NO>	DESCRIPTION	DATE



FIELD BOOK

DRAWING NO.

DRAWN BY: ERIC RIVERA DATE: 05/23/2021

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON

CHECKED BY: PABLO PARA



HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY

WIRE SCHEDULE, BREAKER SCHEDULE, & DETAILS

DWG NO. TSD-01 SHEET

100

REPAIR PROCEDURE - BOLT HOLE SIZE 1/2" (IN) DIAMETER OR LESS ~

PIPE TRADE SIZE 1/2" (IN) OR LESS

FOR UNC OR UNF THREADS:

- APPLY SILICONE CAULK TO THREADS OF SS BOLT WITH SHANK.
- TIGHTEN SS BOLT UNTIL SHANK IS TIGHT AGAINST STANDARD.
- CUT OFF SS BOLT EVEN WITH STANDARD.
- FILE SS BOLT TO MATCH CONTOUR OF STANDARD.
- TREAT SS BOLT AND SURROUNDING POLE WITH GALVANIZING REPAIR PAIN MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).

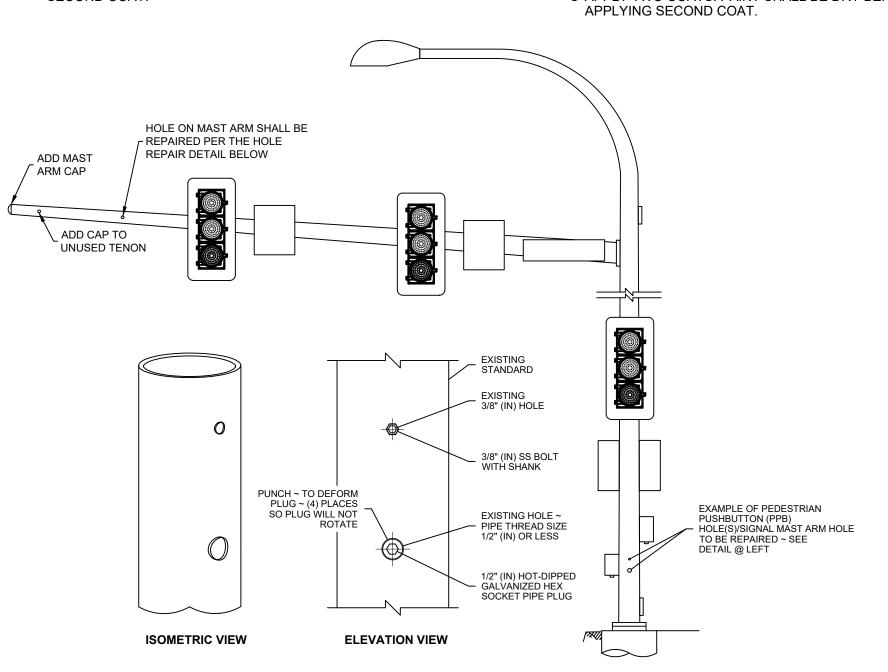
HOLE REPAIR DETAIL

EXAMPLE OF REPAIR FROM PPB LOCATION ~

 APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.

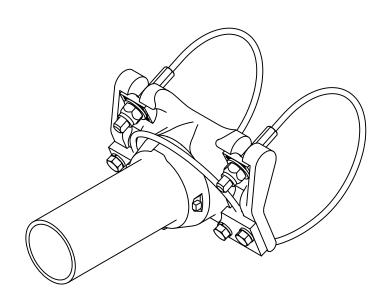
FOR NATIONAL PIPE THREADS:

- APPLY SILICONE CAULK TO THREADS OF HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG.
- TIGHTEN PLUG UNTIL FLUSH WITH STANDARD.
- FILE PLUG TO MATCH CONTOUR OF STANDARD.
- FILL HEX SOCKET WITH PAINTABLE SILICONE CAULK.
- TREAT PLUG AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF STANDARD SPECIFICATION 9-08.1(2).
- APPLY TWO COATS. PAINT SHALL BE DRY BEFORE



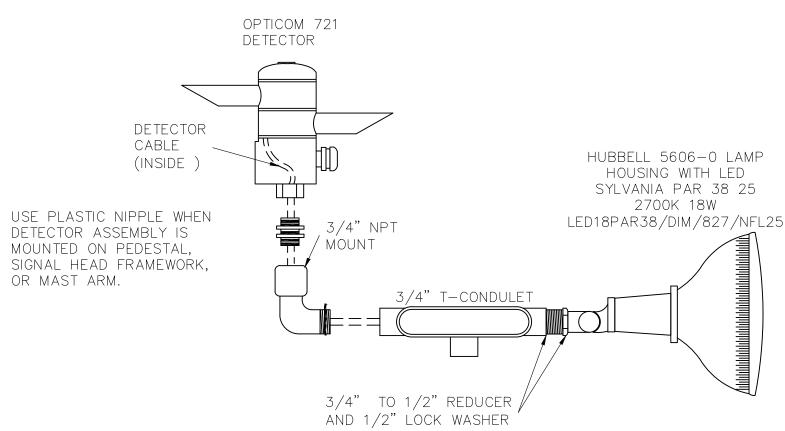
DETAIL 2: HOLE REPAIR/MAST ARM CAP N.T.S.

ELEVATION

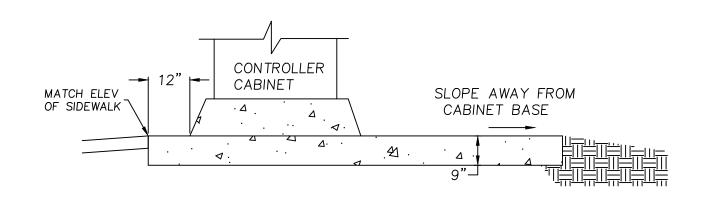


CABLEBANDED CLAMP KIT WITH SUPPORT TUBE FOR PLUMBIZER M MOUNT PELCO PRODUCTS PART NO. AB-3053

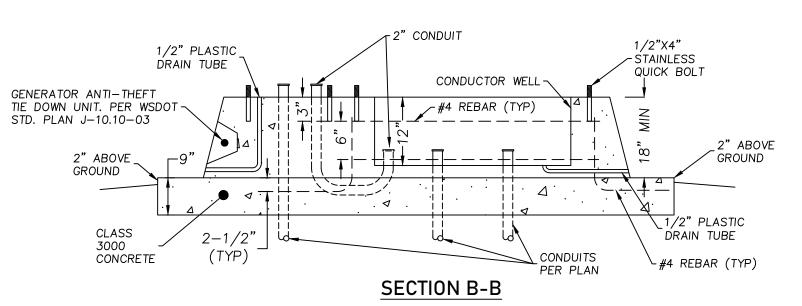
MAST ARM MOUNTED SIGNALS SHALL USE THE STANDARD 6" PLUMBIZER SUPPORT TUBE. POLE MOUNTED SIGNALS SHALL USE A 12" PLUMBIZER TUBE.

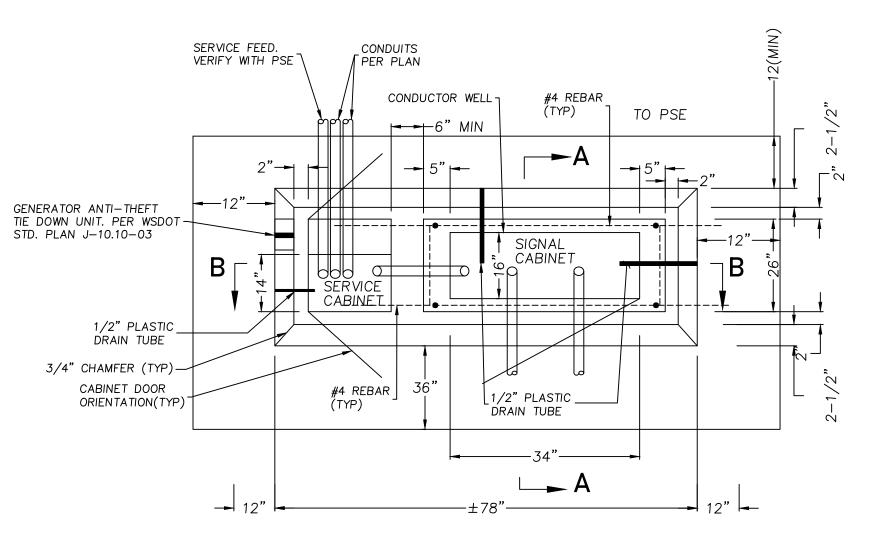


EMERGENCY PREEMPTION DETECTOR/EMITTER



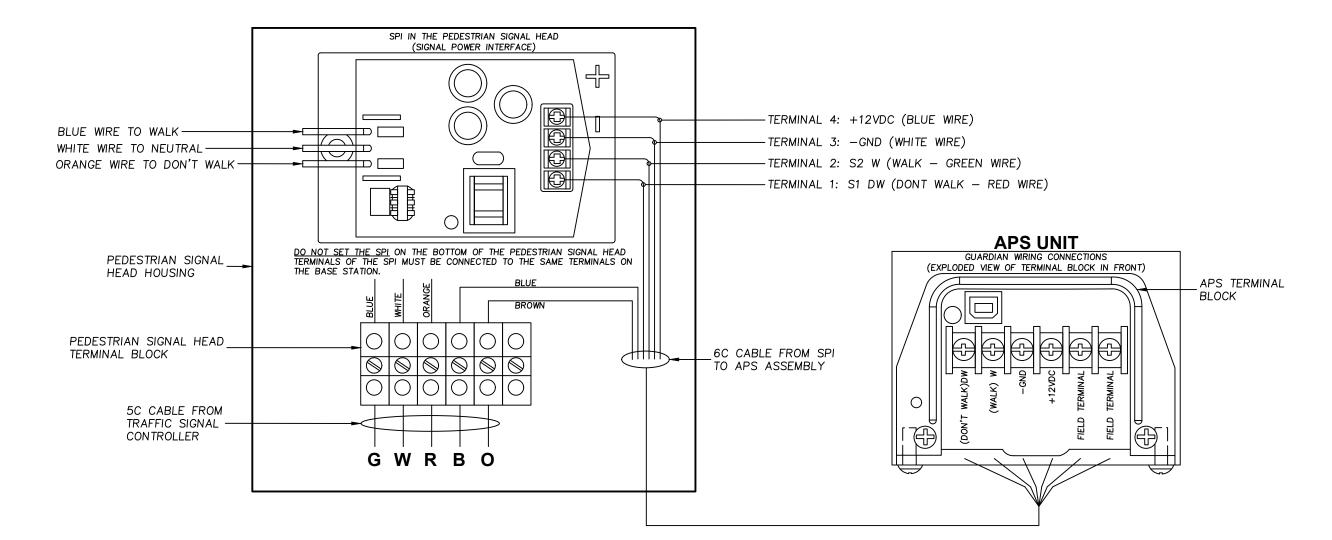
SECTION A-A





PLAN VIEW

CABINET FOUNDATION DETAIL



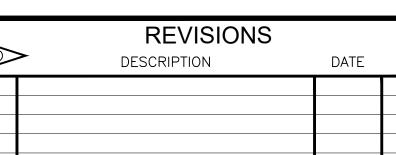
PEDESTRIAN SIGNAL AND APS UNIT WIRING DETAIL

FED AID NO: HSIP-000S(525)

HIGHWAY SAFETY IMPROVEMENT PROJECT PHASE III BREMERTON, WA KITSAP COUNTY

TSD-02 SHEET 100 100

DWG NO.



BY TWO INCHES AT FULL SCALE IF NOT SCALE ACCORDINGLY VERT. AS NOTED HORIZ. AS NOTED

DRAWING NO

FIELD BOOK

DRAWN BY: ERIC RIVERA DATE: 05/23/2021

DESIGN BY: MARIA TRIBELHORN

CITY OF BREMERTON

CHECKED BY: PABLO PARA



TRAFFIC SIGNAL & ILLUMINATION DETAILS