

SEC. 10, T. 30 N., R. 01 W., W.M.

DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET

BICYCLE AND PEDESTRIAN SAFETY

FROM SHERMAN STREET TO SHERIDAN STREET
JEFFERSON COUNTY
PORT TOWNSEND, WA

HIGHWAY SAFETY IMPROVEMENT PROGRAM No. HSIP-7627(002)
LA AGREEMENT No. LA-10584
CITY WORK ORDER # _____

GENERAL CONDITIONS

- A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CITY PRIOR TO THE START OF CONSTRUCTION.
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF PORT TOWNSEND STANDARDS, THE 2025 WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, AND PROJECT SPECIAL PROVISIONS WHICH ARE HEREBY REFERENCED AS A PART OF THESE PLANS. THE ORDER OF PRECEDENCE IS AS FOLLOWS:
 - ADDENDA
 - PROPOSAL FORM
 - SPECIAL PROVISIONS
 - CONTRACT PLANS
 - 2025 WSDOT STANDARD SPECIFICATIONS
 - WSDOT STANDARD PLANS
 - CITY OF PORT TOWNSEND ENGINEERING DESIGN STANDARDS
- TEMPORARY EROSION CONTROL MEASURES ARE REQUIRED AND SHALL COMPLY WITH THE STORMWATER CODE AND WSDOT/APWA SPECIFICATION 1-07.15 AS FOLLOWS:
 - ALL PERMANENT STORAGE AND RETENTION/DETENTION AREAS USED AS PART OF THE TEMPORARY EROSION CONTROL AND WATER POLLUTION/FLOOD ACTIVITIES AND CONVEYANCE SYSTEMS SHALL BE CLEANED OF ALL SILTS, SAND AND OTHER MATERIALS FOLLOWING COMPLETION OF CONSTRUCTION AND THE PERMANENT FACILITIES SHALL THEN BE COMPLETED INCLUDING PERMANENT INFILTRATION AREAS.
- THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SET ARE BASED UPON SURVEY, PREPARED BY VANALLER SURVEYING. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO BIDDING THE PROPOSED WORK IMPROVEMENTS. IF CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER OR ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE WORK WHICH WOULD BE AFFECTED.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON THE PROJECT SURVEY AND OTHER RECORDS OF UTILITIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING UNDERGROUND LOCATE AT 1-800-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- ALL NON-FERROUS PIPE AND SERVICES SHALL BE INSTALLED WITH CONTINUOUS TRACER TAPE INSTALLED 12" TO 18" UNDER THE FINAL GROUND SURFACE. THE MARKER TAPE SHALL BE 4" WIDE MINIMUM PLASTIC NON-BIODEGRADABLE, METAL CORE OR BACKING MARKED AND COLOR CODED FOR THE UTILITY TO BE MARKED AND WHICH CAN BE DETECTED BY A STANDARD METAL DETECTOR. TAPE SHALL BE TERRA TAPE "D" OR APPROVED EQUAL. IN ADDITION TO TRACER TAPE, FORCE MAINS AND CURVED MAINS SHALL HAVE A 14 GAUGE COATED COPPER WIRE, WRAPPED AROUND THE PIPE, BROUGHT UP, COATING STRIPPED, AND TIED OFF AT THE VALVE STEM OR MANHOLE RING. THE TAPE AND WIRE SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- TEMPORARY STREET PATCHING MAY BE ALLOWED WITH THE APPROVAL OF THE CITY ENGINEER. TEMPORARY STREET PATCHING SHALL BE AS DESCRIBED IN CHAPTER 6 OF THE PORT TOWNSEND ENGINEERING DESIGN STANDARDS.
- THE CONTRACTOR SHALL HAVE A COPY OF THE APPROVED PLANS AND PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES.
- SPECIAL STRUCTURES SHALL BE INSTALLED PER PLANS AND MANUFACTURERS' RECOMMENDATIONS.
- ALL DISTURBED AREAS SHALL RECEIVE TEMPORARY AND PERMANENT EROSION CONTROL IN THE FORM OF VEGETATION ESTABLISHMENT SUCH AS GRASS SEEDING. A MEANS SHALL BE ESTABLISHED TO PROTECT THE PERMANENT STORM DRAIN SYSTEM PRIOR TO ESTABLISHMENT OF THE PERMANENT EROSION CONTROL MEASURES. THESE METHODS SHALL BE INCLUDED IN THE EROSION AND SEDIMENT CONTROL PLANS IN ACCORDANCE WITH CHAPTER 5 OF THE PORT TOWNSEND ENGINEERING DESIGN STANDARDS.
- CONSTRUCTION WORK (INCLUDING DELIVERIES) HOURS SHALL BE RESTRICTED TO 7 A.M. TO 6 P.M., MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED IN WRITING.
- THE CITY PUBLIC WORKS INSPECTOR SHALL BE NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE OF THE NEED FOR AN INSPECTION. EVERY EFFORT WILL BE MADE TO ACCOMMODATE SAME-DAY INSPECTIONS IF THE CITY IS NOTIFIED BEFORE 8 AM.

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 OR 1.800.342.1585 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

OWNER / APPLICANT

CITY OF PORT TOWNSEND
250 MADISON STREET
PORT TOWNSEND, WA 98368
PHONE: 360.379.4432
CONTACT: LAURA PARSONS, PE

CONSULTANTS

SCJ ALLIANCE
8730 TALLON LANE NE, SUITE 200
LACEY, WA 98516
PHONE: 360.352.1465
CONTACT: SCOTT SAWYER, PE

SURVEYOR:
VAN ALLER SURVEYING
PO BOX 757
CARLSBORG, WA 98324
PHONE: 360.683.3438
CONTACT: BRIAN VAN ALLER, PLS

UTILITIES

POWER:
PUBLIC UTILITY DISTRICT (PUD) #1
OF JEFFERSON COUNTY
(360) 302-0467
CONTACT: SCOTT BANCROFT
sbancroft@jeffpud.org

PHONE:
LUMEN
(253) 313-3666
CONTACT: RAY JONES
raymond.c.jones@lumen.com

STORMWATER/WASTEWATER/STREET:
CITY OF PORT TOWNSEND
(360) 531-4029
CONTACT: BRIAN REID
breid@cityofpt.us

WATER:
CITY OF PORT TOWNSEND
(360) 301-1023
CONTACT: RICH KIESEL
rkiesel@cityofpt.us

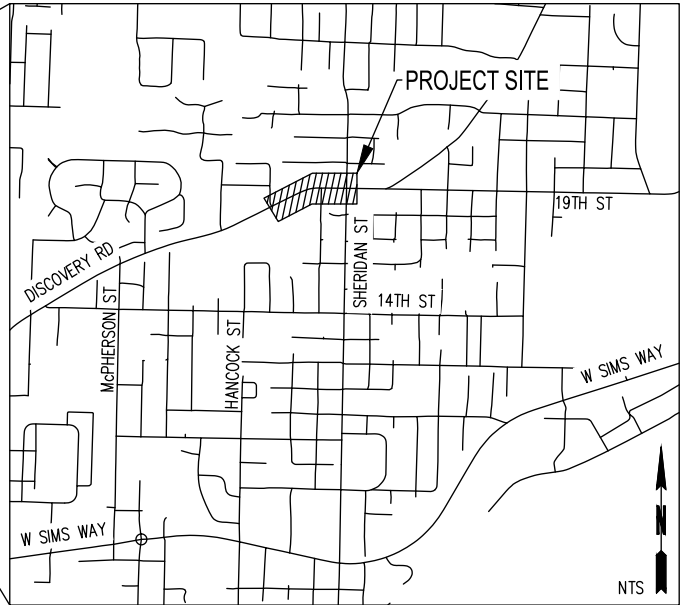
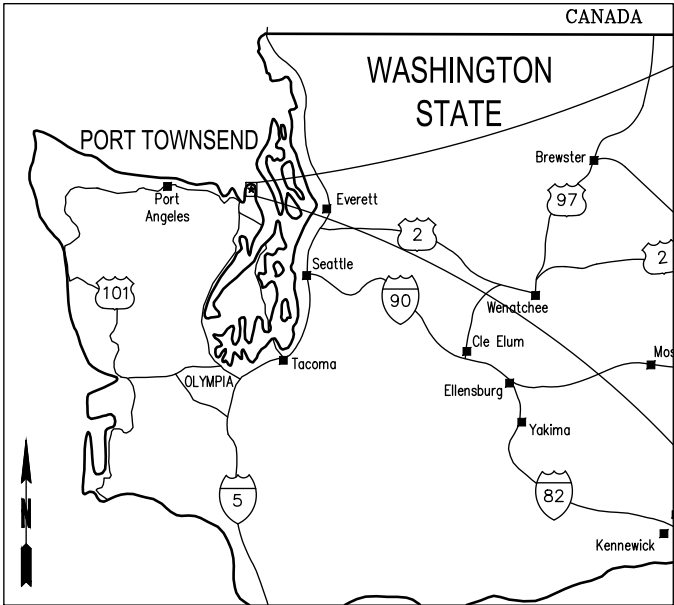
CABLE:
ASTOUND
POWERED BY WAVE BROADBAND
(360) 912-7092
CONTACT: MIKE STURGEON
mike.sturgeon@astound.com

DATUM:

NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988
ESTABLISHED BY FIELD TIES TO CITY OF PORT TOWNSEND
GEODETIC CONTROL POINTS #0011062 AND #0010370.

BASIS OF BEARINGS:

WASHINGTON COORDINATE SYSTEM OF 1983, ADJUSTMENT 1991,
NORTH ZONE, NORTH AMERICAN DATUM (NAD 83/91).
DETERMINED FROM FIELD MEASUREMENTS TO CITY OF PORT
TOWNSEND GEODETIC CONTROL POINTS #0011062 AND #0010370.



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3	XS-1	TYPICAL SECTIONS
4	RM-1	REMOVAL PLAN
5	PP-1	ROADWAY PLAN AND PROFILE
6	PV-1	PAVING PLAN
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10	CH-1	CHANNELIZATION PLAN
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12	SN-1	SIGNING PLAN
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14	TC-2	TRAFFIC CONTROL PLAN

CITY OF PORT TOWNSEND APPROVES THE PLANS AND SPECIFICATIONS

Steve King

Steve King, PE, Public Works Director



REVISIONS

DATE

BY

DESIGNED BY:
M. WEYRAUCH

ISSUE DATE:
06/09/25

DRAWN BY:
A. ARMSTRONG

JOB No.:
23-000713(0699)

APPROVED BY:
S. SAWYER

DRAWING FILE No.:
23-000713 CV-01

ALL DIMENSIONS
SHOWN IN FEET
UNLESS OTHERWISE
DESIGNATED



DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET
BICYCLE AND PEDESTRIAN SAFETY
PORT TOWNSEND, WA

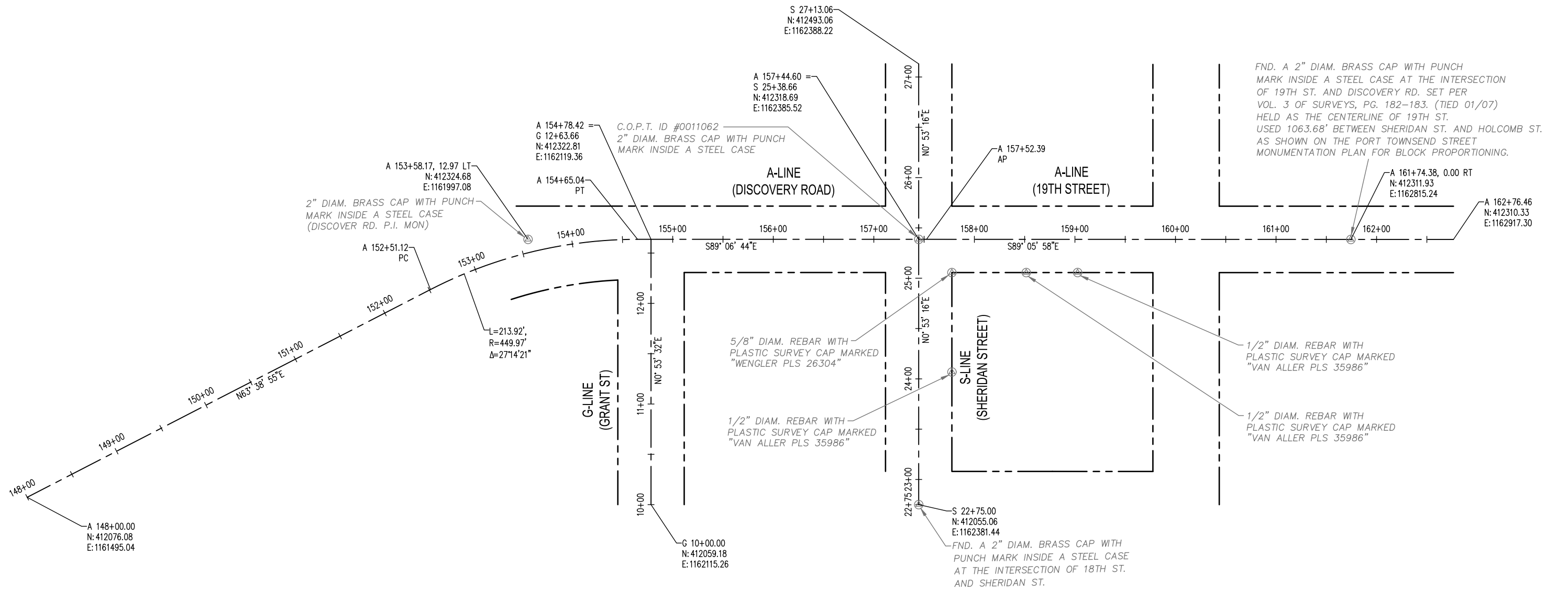
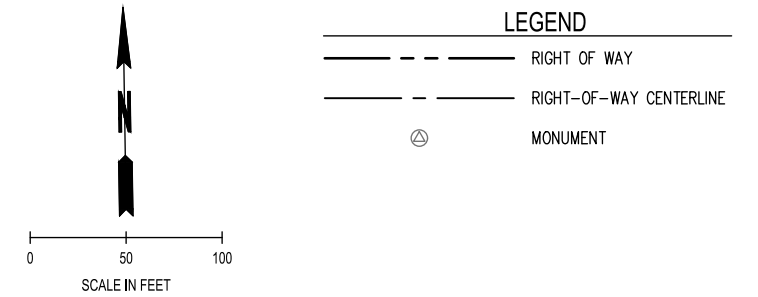
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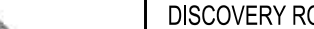
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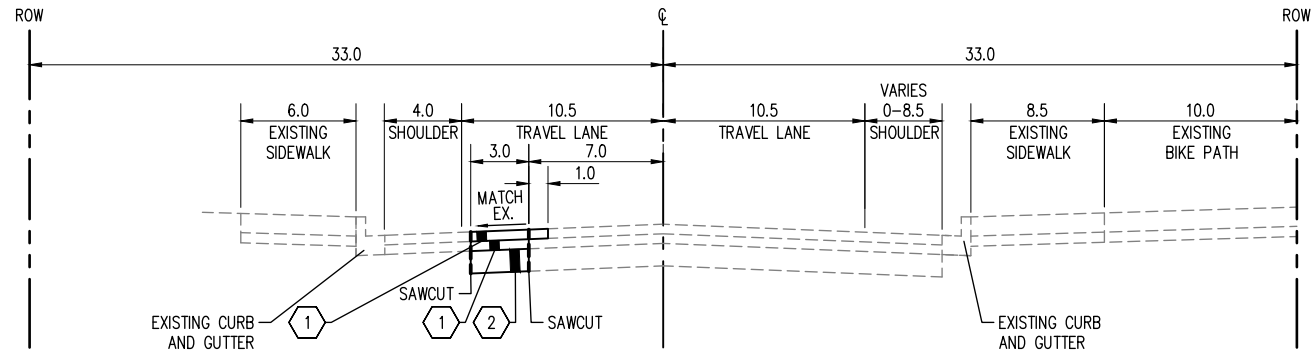
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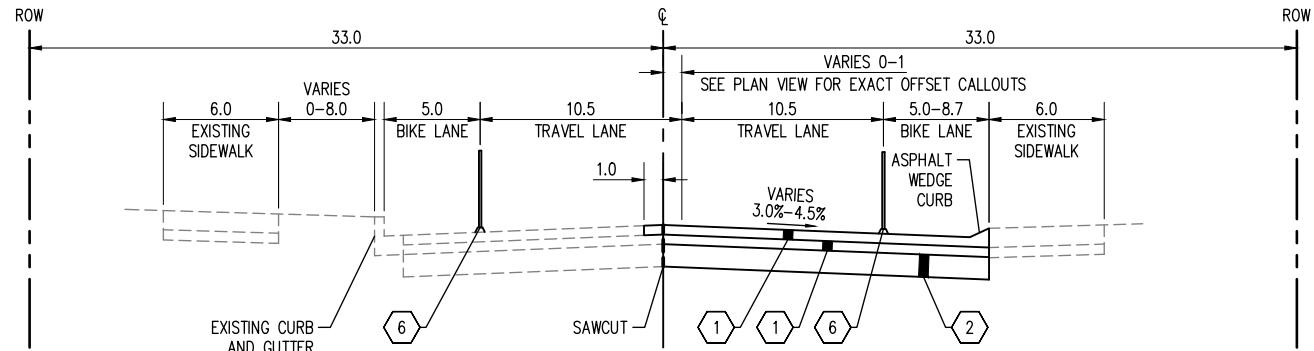
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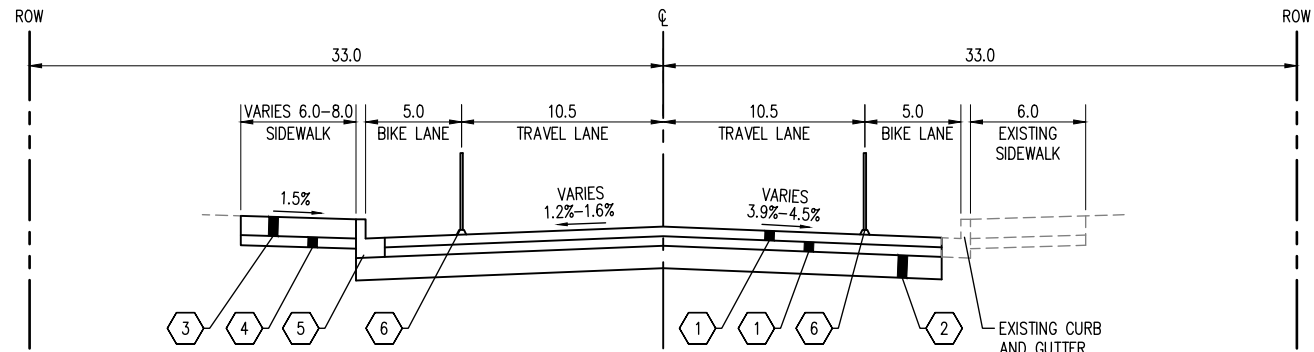
△	REVISIONS	DATE	BY	DESIGNED BY: M.WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED	 6/6/25	 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM		DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA	DRAWING No.: AL-1
	CONFORMED SET (Addenda 1)				DRAWN BY: M. WEYRAUCH					JOB No.: 23-000713(0699)	SHEET No.:
										APPROVED BY: S. SAWYER	



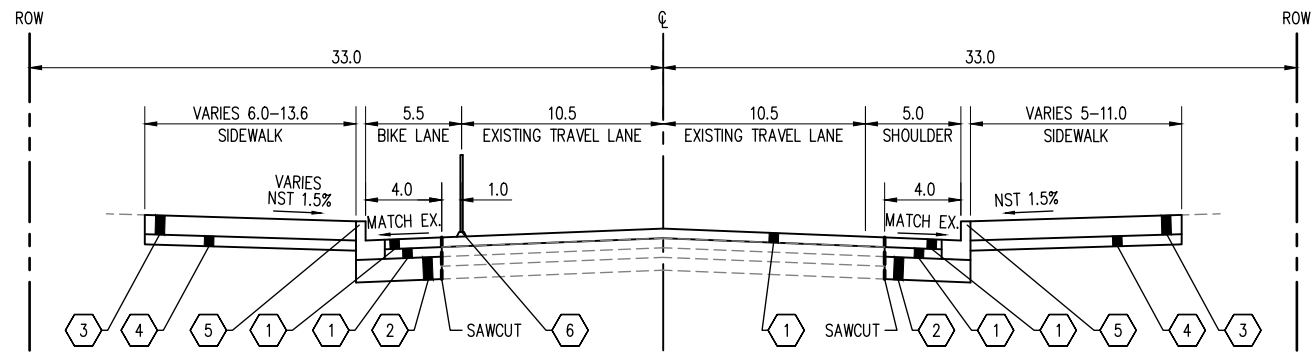
DISCOVERY ROAD TYPICAL SECTION A-A
NTS



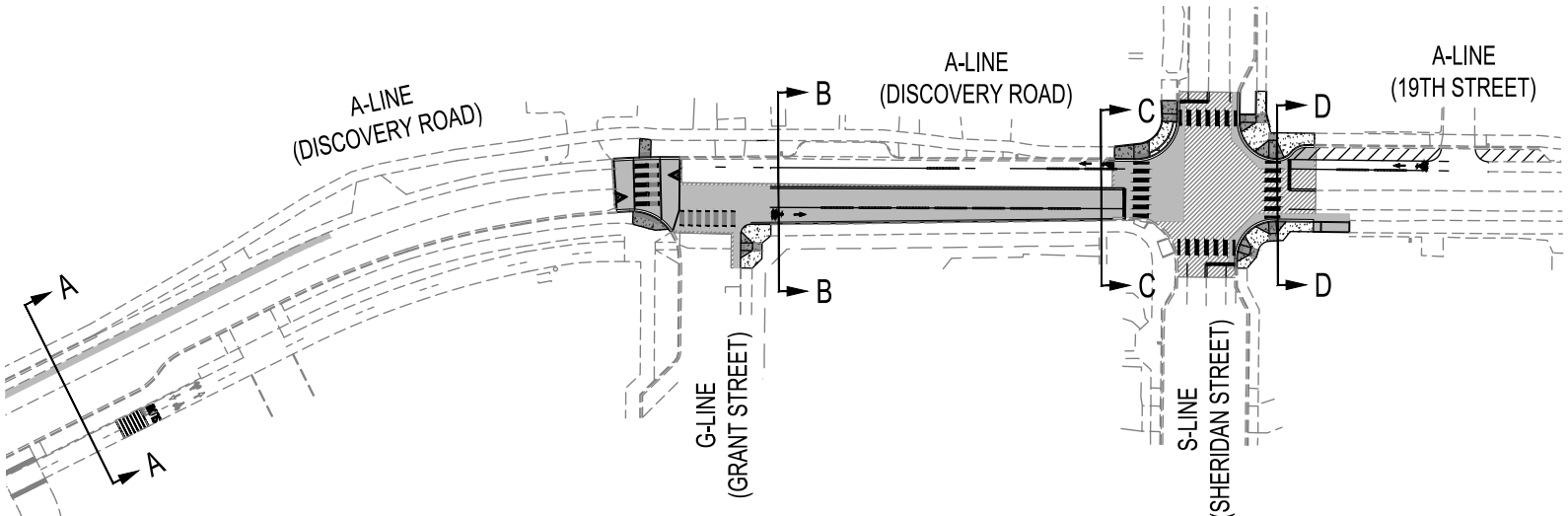
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DISCOVERY ROAD TYPICAL SECTION C-C
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DISCOVERY ROAD TYPICAL SECTION D-D
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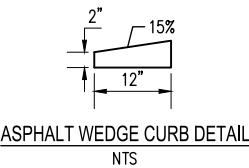


ROADWAY SECTION KEY NOTES:

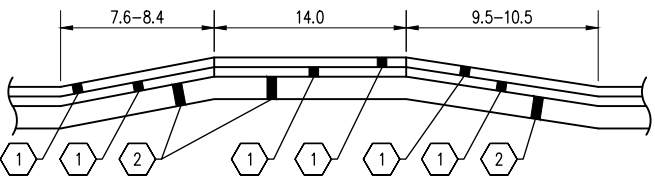
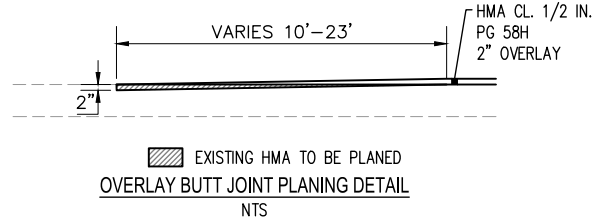
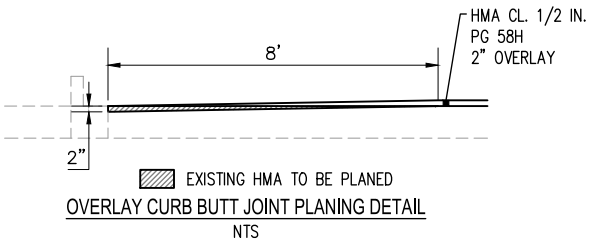
- 1 2" HMA CLASS 1/2" PG 58H.
- 2 7" CRUSHED SURFACING BASE COURSE (CSBC).
- 3 4" CEMENT CONC. SIDEWALK (PER WSDOT STANDARD PLAN F-30.10).
- 4 2" CRUSHED SURFACING TOP COURSE (CSTC).
- 5 CEMENT CONC. TRAFFIC CURB AND GUTTER (PER WSDOT STANDARD PLAN F-10.12).
- 6 BIKE LANE CURB DELINEATORS (SEE SPECIAL PROVISION GUIDE POSTS AND BARRIER DELINEATOR).

GENERAL NOTES:

- 1. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS.
- 2. NST = NO STEEPER THAN.
- 3. NTS = NOT TO SCALE.
- 4. SIDEWALK JOINTS SHALL NOT INCLUDE PRE-MOLDED JOINT FILLER.



ASPHALT WEDGE CURB DETAIL
NTS



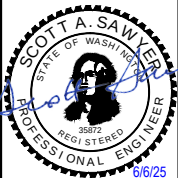
RAISED CROSSING TYPICAL SECTION
NTS
SEE PROFILE GRADE BREAKS AND SLOPES ON PP SHEETS

Jan 08, 2025 3:46:56pm - User: mchill, mchill
V:\PROJECTS\0699 CITY OF PORT TOWNSEND\23-000713 DISCOVERY ROAD BICYCLE AND PEDESTRIAN SAFETY\CADD\23-000713 XS-01.DWG

REVISIONS	DATE	BY

DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25
DRAWN BY: A. ARMSTRONG	JOB No.: 23-000713(0699)
APPROVED BY: S. SAWYER	DRAWING FILE No.: 23-000713 XS-01

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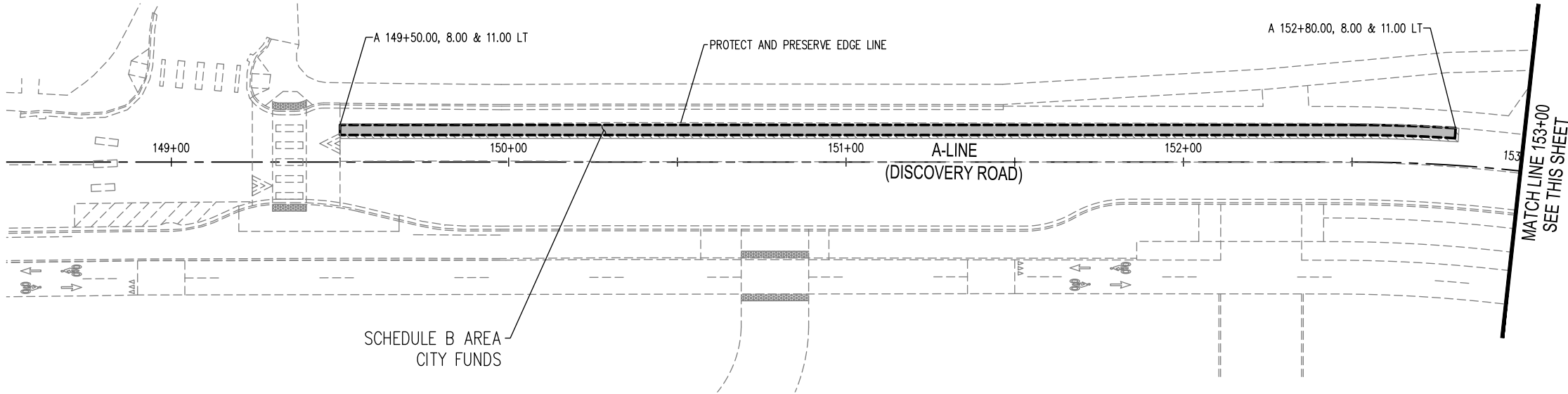


SCJ ALLIANCE
CONSULTING SERVICES
8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
P: 360.352.1465
SCJALLIANCE.COM



DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET
BICYCLE AND PEDESTRIAN SAFETY
PORT TOWNSEND, WA
TYPICAL SECTIONS

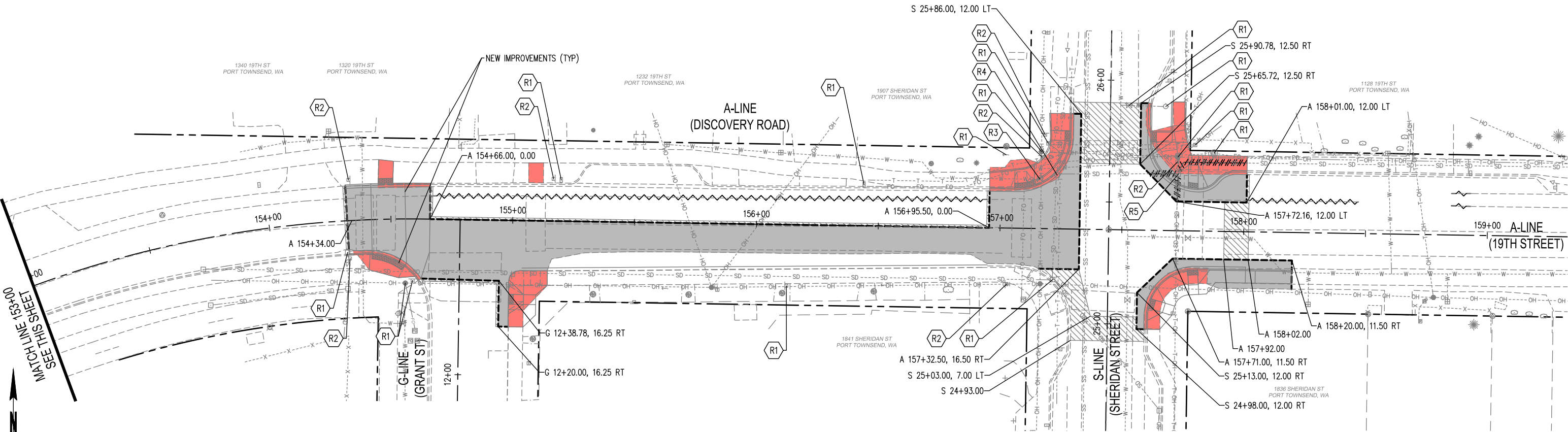
DRAWING No.: XS-1
SHEET No.: 3 OF 14



- REMOVAL LEGEND**
- SAWCUT (TYP)
(PAID FOR UNDER ROADWAY EXCAVATION INCLUDING HAUL)
 - ▨ PLANING BITUMINOUS PAVEMENT (0.17')
 - ASPHALT CONCRETE REMOVAL
(PAID FOR UNDER ROADWAY EXCAVATION INCLUDING HAUL)
 - CEMENT CONCRETE SIDEWALK REMOVAL
(PAID FOR UNDER ROADWAY EXCAVATION INCL. HAUL)
 - ~~~~ REMOVE PAINT LINE
(PAID FOR UNDER REMOVING MISCELLANEOUS TRAFFIC ITEM)
 - ##### EXISTING STORM PIPE TO BE REMOVED
(PAID FOR UNDER REMOVAL OF STRUCTURES AND OBSTRUCTIONS)

- REMOVAL NOTES**
- R1 PROTECT AND PRESERVE.
 - R2 SEE CH SERIES SHEETS FOR SIGN REMOVALS AND RELOCATIONS.
 - R3 ADJUST VALVE BOX.
 - R4 ADJUST CATCH BASIN.
 - R5 REMOVING DRAINAGE STRUCTURE.

- GENERAL NOTES**
1. INSTALL INLET PROTECTION, PER WSDOT STANDARD PLAN I-40.20, AT ALL CATCH BASINS.



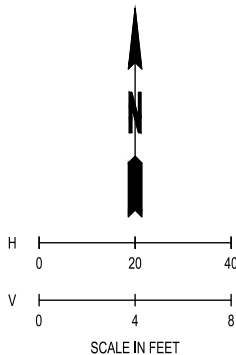
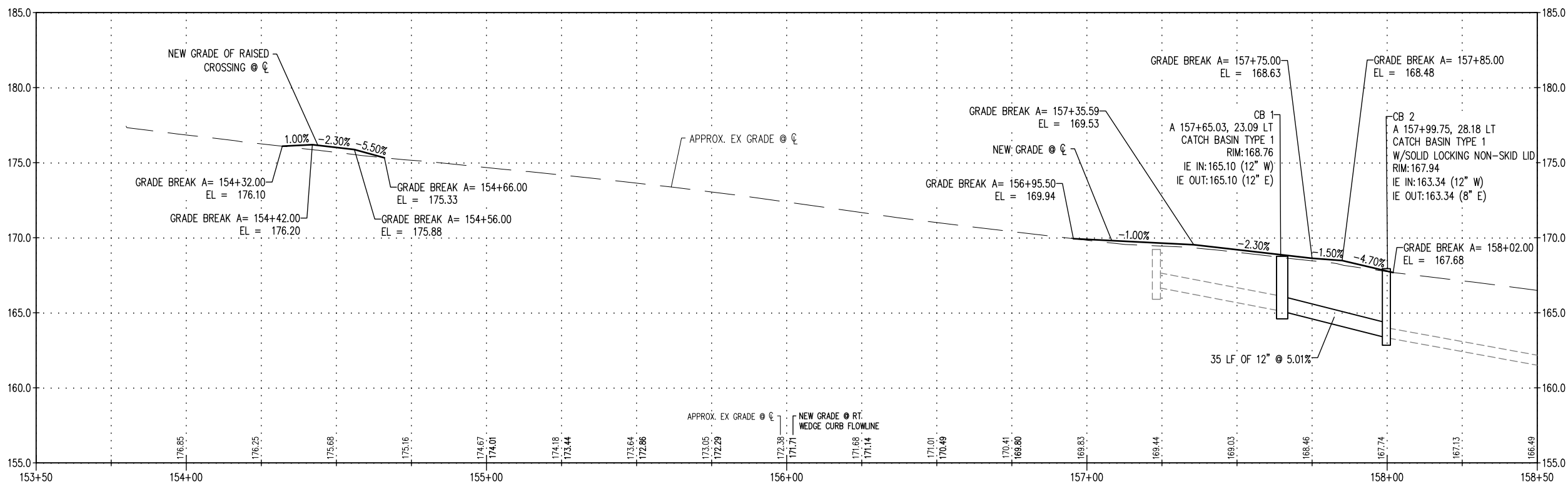
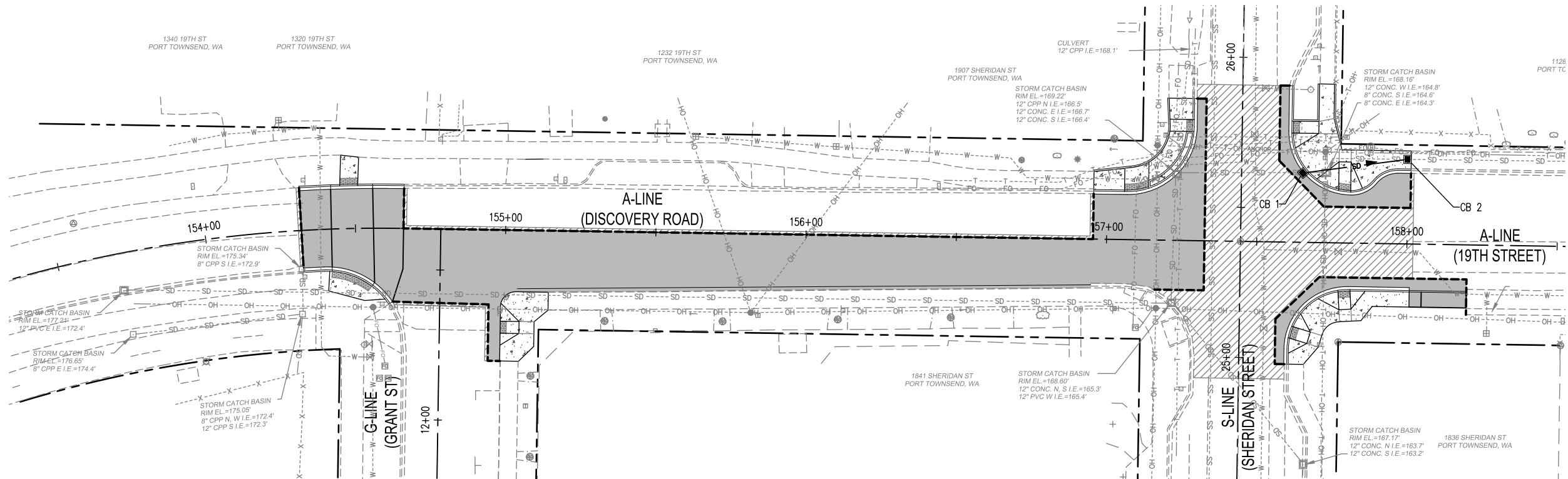
REVISIONS	DATE	BY	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED	SCOTT A. SAWYER STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 6/6/25	SCJ ALLIANCE CONSULTING SERVICES 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM	City of Port Townsend	DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA REMOVAL PLAN	DRAWING No.: RM-1 SHEET No.: 4 OF 14
CONFORMED SET (Addenda 1)			DRAWN BY: A. ARMSTRONG	JOB No.: 23-000713(0699)						
			APPROVED BY: S. SAWYER	DRAWING FILE No.: 23-000713 RM-01						

STORM DRAINAGE LEGEND

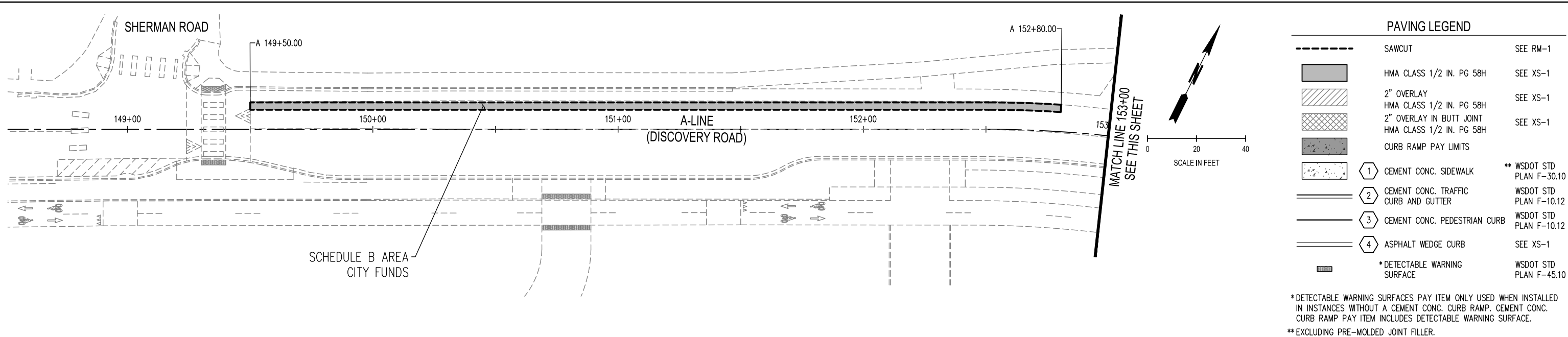
- SD — DIRECTION OF FLOW
SCHEDULE A STORM SEWER PIPE (12" DIA.)*
- CATCH BASIN TYPE 1 WSDOT STD PLAN B-5.20

GENERAL NOTES

- ALL CATCH BASIN GRATES SHALL HAVE VANED GRATES, PER WSDOT STANDARD PLAN B-30.30, UNLESS OTHERWISE NOTED.
- INSTALL CEMENT CONCRETE CURB AND GUTTER PAN, PER WSDOT STANDARD PLAN F-10.16, AT ALL CATCH BASINS LOCATED ALONG THE CURB AND GUTTER.
- INSTALL INLET PROTECTION, PER WSDOT STANDARD PLAN I-40.20, AT ALL CATCH BASINS.



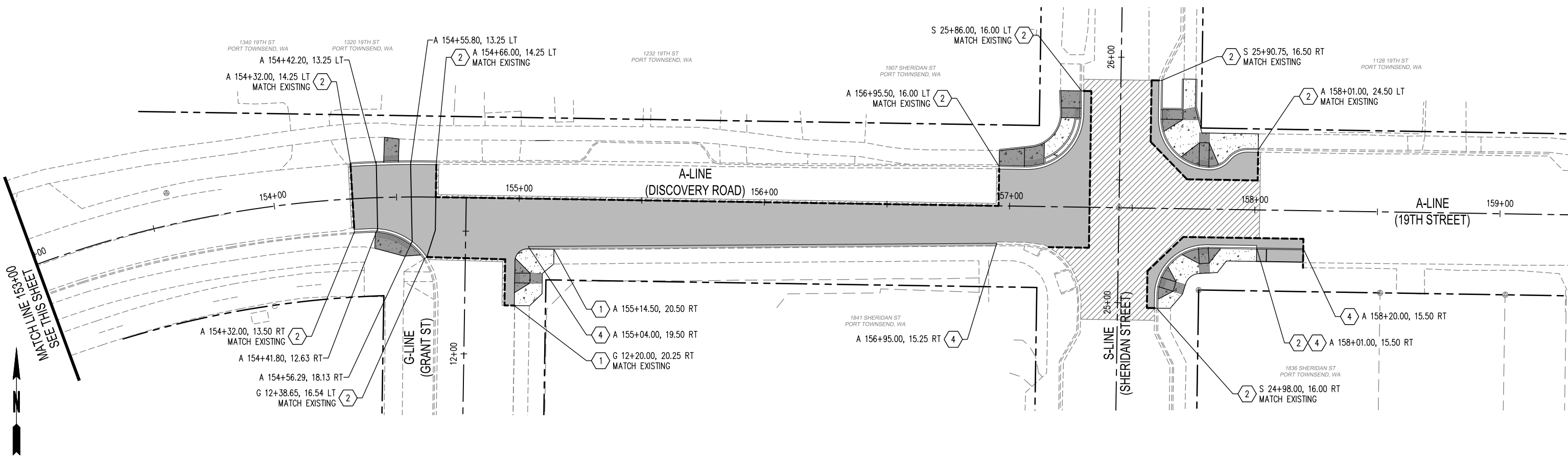
REVISIONS				DATE	BY	DESIGNED BY:	ISSUE DATE:	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED		 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM		DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA		DRAWING No.:
CONFORMED SET (Addenda 1)						DRAWN BY:	JOB No.:					ROADWAY PLAN AND PROFILE		SHEET No.:
						APPROVED BY:	DRAWING FILE No.:							5 OF 14



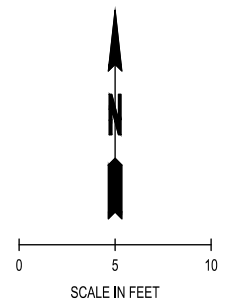
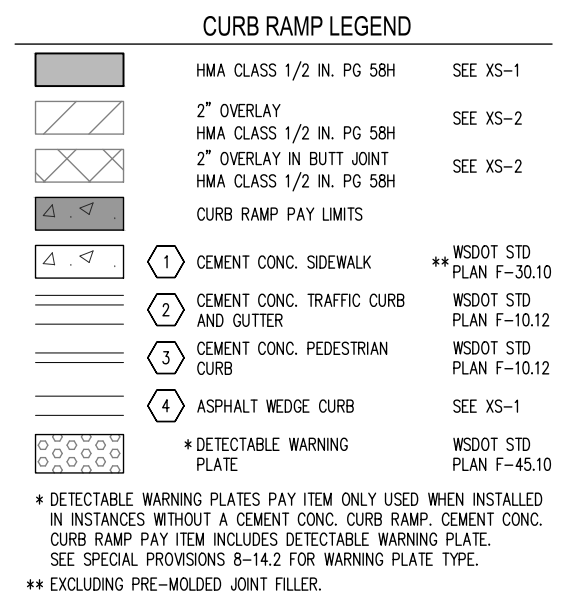
PAVING LEGEND		
	SAWCUT	SEE RM-1
	HMA CLASS 1/2 IN. PG 58H	SEE XS-1
	2" OVERLAY	SEE XS-1
	2" OVERLAY IN BUTT JOINT	SEE XS-1
	HMA CLASS 1/2 IN. PG 58H	SEE XS-1
	CURB RAMP PAY LIMITS	
	CEMENT CONC. SIDEWALK	** WSDOT STD PLAN F-30.10
	CEMENT CONC. TRAFFIC CURB AND GUTTER	WSDOT STD PLAN F-10.12
	CEMENT CONC. PEDESTRIAN CURB	WSDOT STD PLAN F-10.12
	ASPHALT WEDGE CURB	SEE XS-1
	*DETECTABLE WARNING SURFACE	WSDOT STD PLAN F-45.10

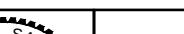
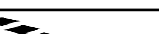
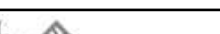
*DETECTABLE WARNING SURFACES PAY ITEM ONLY USED WHEN INSTALLED IN INSTANCES WITHOUT A CEMENT CONC. CURB RAMP. CEMENT CONC. CURB RAMP PAY ITEM INCLUDES DETECTABLE WARNING SURFACE.

**EXCLUDING PRE-MOLDED JOINT FILLER.

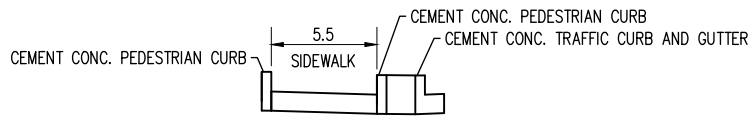


	REVISIONS			DATE	BY	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED		 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM		DRAWING No.: PV-1	
	CONFORMED SET (Addenda 1)					DRAWN BY: A. ARMSTRONG	JOB No.: 23-000713(0699)					SHEET No.: 6 OF 14	
						APPROVED BY: S. SAWYER	DRAWING FILE No.: 23-000713 PV-01					DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA	
												PAVING PLAN	

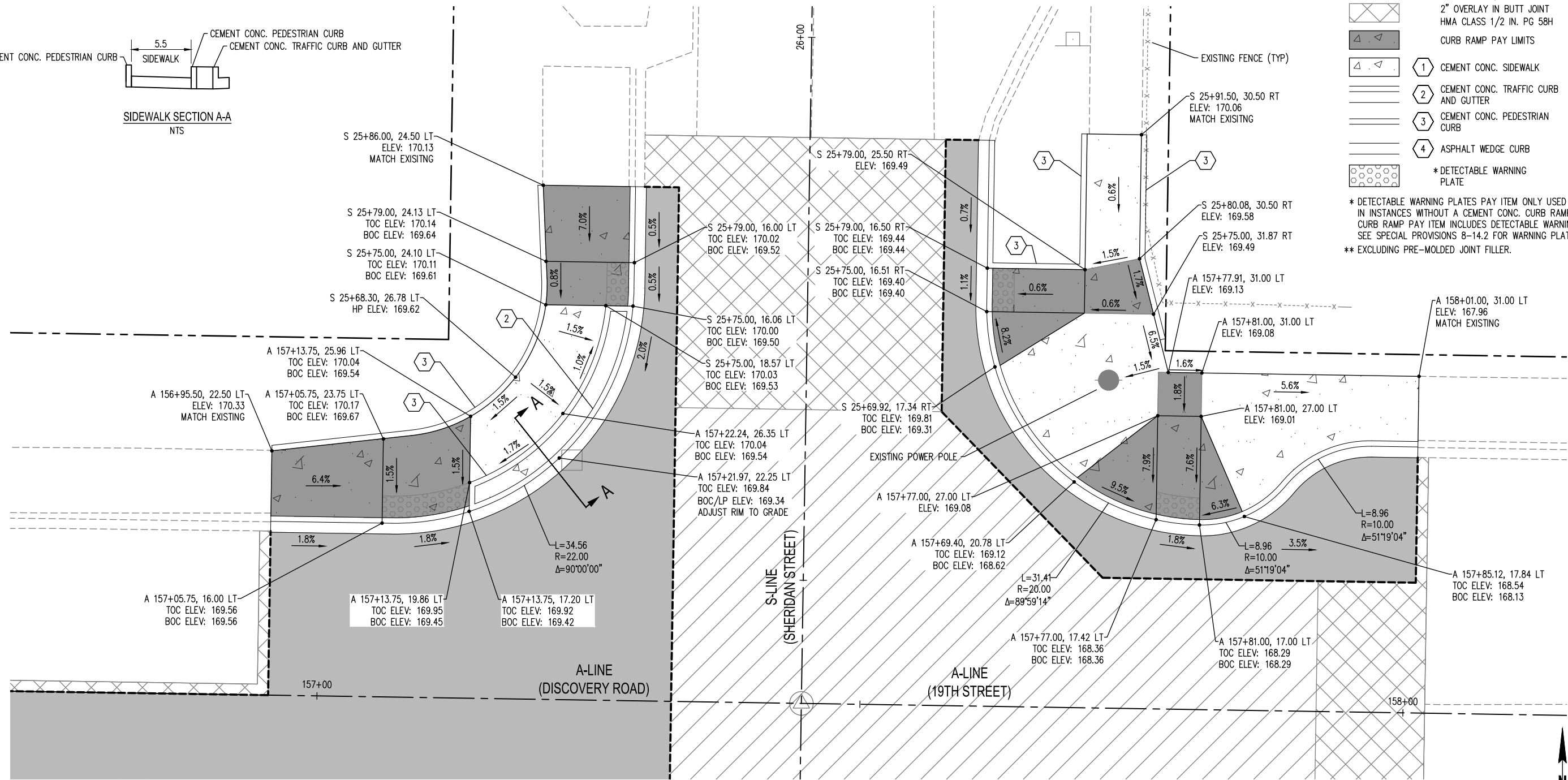


△ REVISIONS		DATE	BY	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED		 SCJ ALLIANCE CONSULTING SERVICES 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM	 City of Port Townsend	DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA	DRAWING No.: CR-1
	CONFORMED SET (Addenda 1)				DRAWN BY: M. WEYRAUCH					JOB No.: 23-000713(0699)	SHEET No.: 7 OF 14
					APPROVED BY: S. SAWYER					DRAWING FILE No.: 23-000713 CR-01	CURB RAMP AND INTERSECTION DETAILS

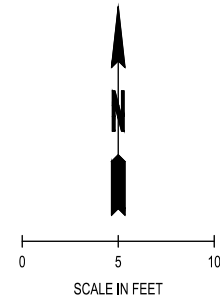
Jun 06, 2025 3:46:43pm - User matt.weyruch
N:\PROJECTS\0699 CITY OF PORT TOWNSEND\23-000713 DISCOVERY ROAD BICYCLE AND PEDESTRIAN SAFETY\CADD\23-000713 CR-01.DWG



SIDEWALK SECTION A-A
NTS

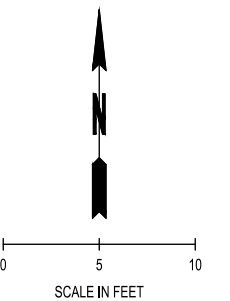
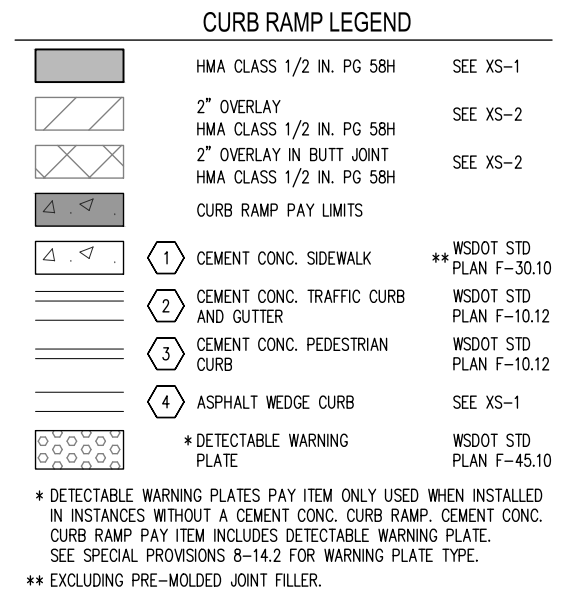


CURB RAMP LEGEND		
	HMA CLASS 1/2 IN. PG 58H	SEE XS-1
	2" OVERLAY	SEE XS-2
	2" OVERLAY IN BUTT JOINT	SEE XS-2
	HMA CLASS 1/2 IN. PG 58H	SEE XS-2
	CURB RAMP PAY LIMITS	
	1 CEMENT CONC. SIDEWALK	** WSDOT STD PLAN F-30.10
	2 CEMENT CONC. TRAFFIC CURB AND GUTTER	WSDOT STD PLAN F-10.12
	3 CEMENT CONC. PEDESTRIAN CURB	WSDOT STD PLAN F-10.12
	4 ASPHALT WEDGE CURB	SEE XS-1
	* DETECTABLE WARNING PLATE	WSDOT STD PLAN F-45.10
* DETECTABLE WARNING PLATES PAY ITEM ONLY USED WHEN INSTALLED IN INSTANCES WITHOUT A CEMENT CONC. CURB RAMP. CEMENT CONC. CURB RAMP PAY ITEM INCLUDES DETECTABLE WARNING PLATE. SEE SPECIAL PROVISIONS 8-14.2 FOR WARNING PLATE TYPE.		
** EXCLUDING PRE-MOLDED JOINT FILLER.		



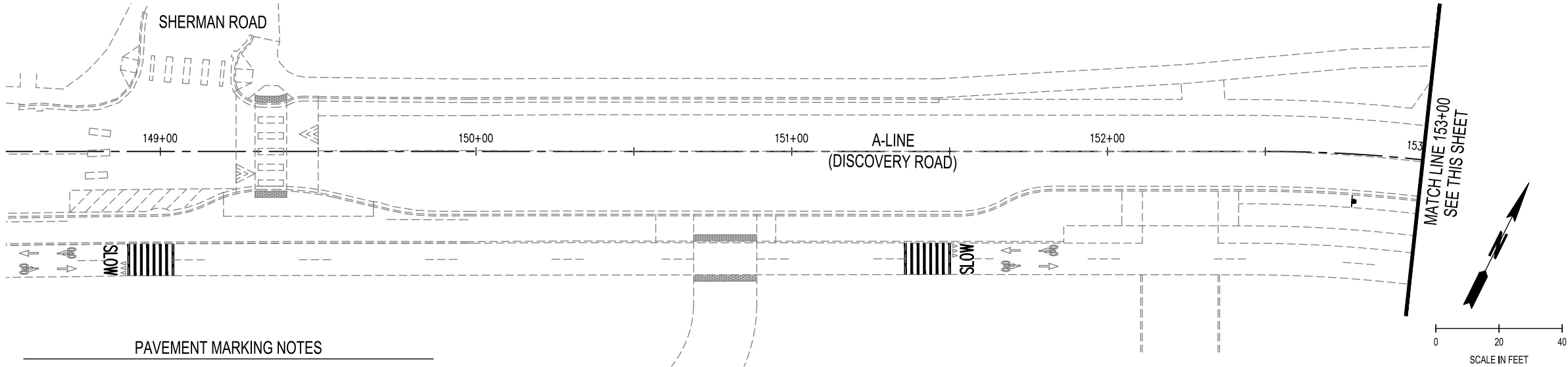
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Δ	REVISIONS	DATE	BY	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED	SCOTT A. SAWYER REGISTERED PROFESSIONAL ENGINEER 6/6/25	SCJ ALLIANCE CONSULTING SERVICES 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM	City of Port Townsend	DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA	DRAWING No.: CR-2
	CONFORMED SET (Addenda 1)			DRAWN BY: M. WEYRAUCH	JOB No.: 23-000713(0699)					CURB RAMP AND INTERSECTION DETAILS	SHEET No.: 8 OF 14
				APPROVED BY: S. SAWYER	DRAWING FILE No.: 23-000713 CR-01						



△	REVISIONS	DATE	BY	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED	 6/6/25	 SCJ ALLIANCE CONSULTING SERVICES 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM	 City of Port Townsend	DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA	DRAWING No.: CR-3	
	CONFORMED SET (Addenda 1)											SHEET No.:
					APPROVED BY: S. SAWYER					DRAWING FILE No.: 23-000713 CR-01		CURB RAMP AND INTERSECTION DETAILS

Jun 06, 2025 3:47:23pm - User mail:weyrauch
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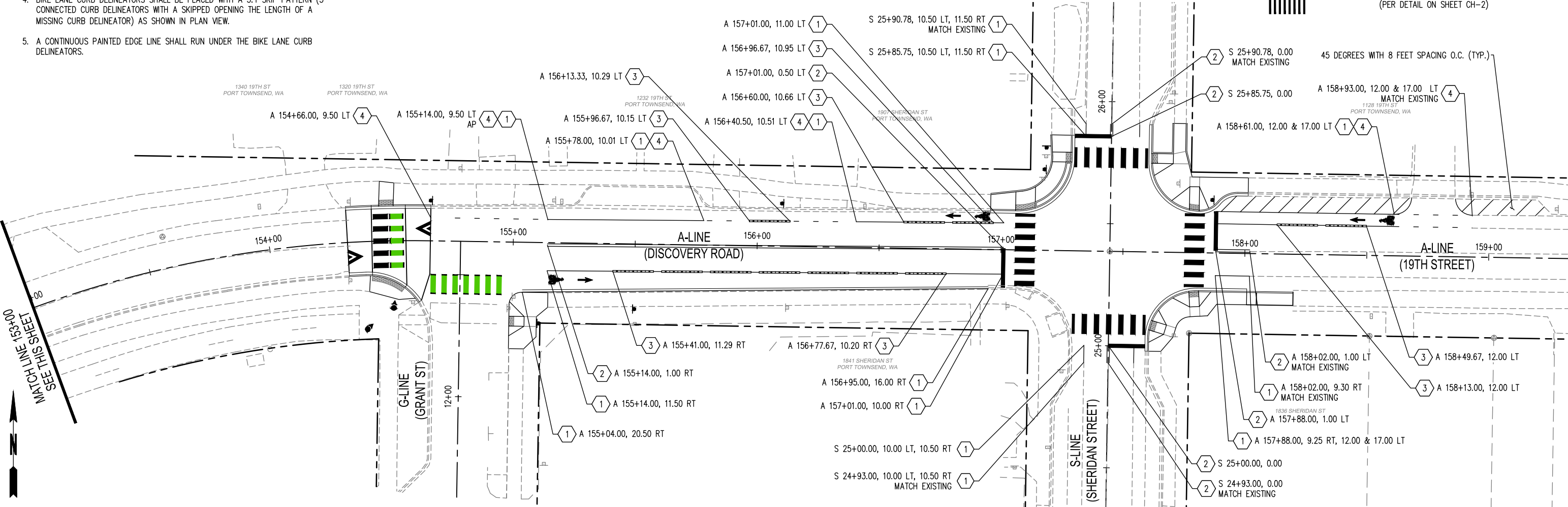


PAVEMENT MARKING NOTES

1. ALL PLASTIC SHALL BE THERMOPLASTIC TYPE A OR B PER WSDOT STANDARD SPECIFICATION 9-34.3.
2. CENTER PLASTIC BICYCLE LANE SYMBOL IN MIDDLE OF DESIGNATED LANE.
3. ALL POSTS, CURBS, AND REFLECTORS SHALL BE WHITE FOR THE BIKE LANE CURB DELINEATORS.
4. BIKE LANE CURB DELINEATORS SHALL BE PLACED WITH A 5:1 SKIP PATTERN (5 CONNECTED CURB DELINEATORS WITH A SKIPPED OPENING THE LENGTH OF A MISSING CURB DELINEATOR) AS SHOWN IN PLAN VIEW.
5. A CONTINUOUS PAINTED EDGE LINE SHALL RUN UNDER THE BIKE LANE CURB DELINEATORS.

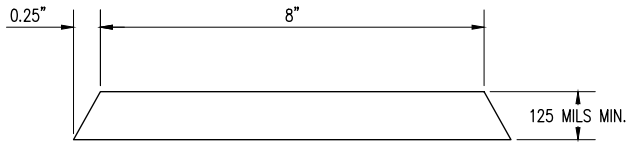
PAVEMENT MARKING LEGEND

- 1 PAINTED EDGE LINE (PER STANDARD PLAN M-20.10)
- 2 PAINTED DOUBLE YELLOW CENTER LINE (PER STANDARD PLAN M-20.10)
- 3 BIKE LANE CURB DELINEATOR (SEE SPECIAL PROVISION GUIDE POSTS AND BARRIER DELINEATOR)
- 4 PAINTED DOTTED EXTENSION LINE (PER STANDARD PLAN M-20.10)
- PLASTIC STOP LINE (PER STANDARD PLAN M-24.60)
- PLASTIC BIKE LANE SYMBOL (PER STANDARD PLAN M-9.50)
- PLASTIC BIKE WAYFINDING SYMBOL (PER DETAIL ON SHEET CH-2)
- PLASTIC TRAFFIC LETTERS (PER STANDARD PLAN M-80.30)
- PLASTIC SPEED BUMP SYMBOL (PER STANDARD PLAN M-24.60)
- PLASTIC CROSSBIKE (GREEN) (PER DETAIL ON SHEET CH-2)
- PLASTIC CROSSWALK (PER STANDARD PLAN M-15.10)
- PLASTIC RUMBLE STRIPS (PER DETAIL ON SHEET CH-2)

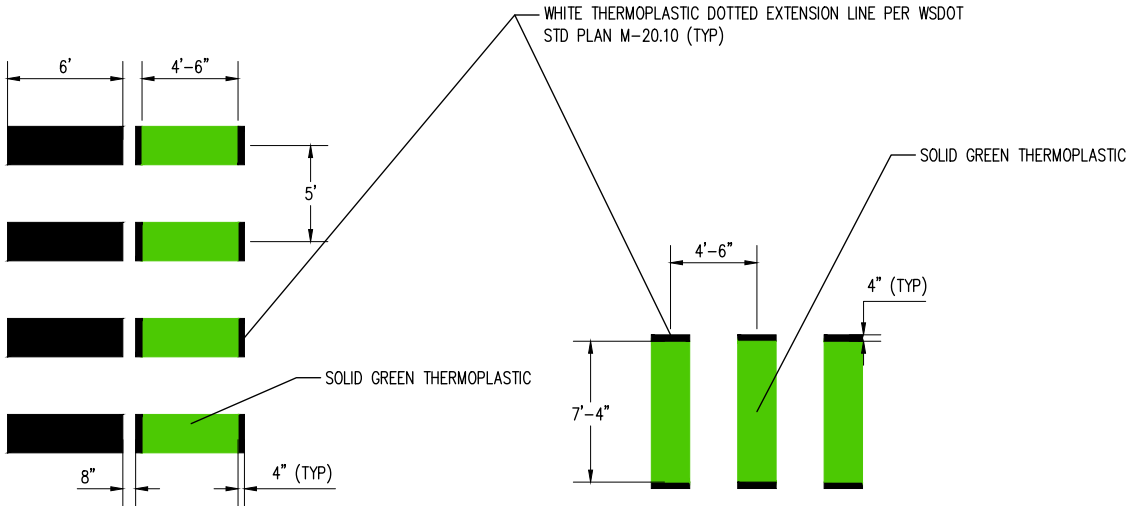


REVISIONS				DATE	BY	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED		 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM		DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA CHANNELIZATION PLAN	DRAWING No.: CH-1
CONFORMED SET (Addenda 1)						DRAWN BY: A. ARMSTRONG	JOB No.: 23-000713(0699)						SHEET No.: 10 OF 14
						APPROVED BY: S. SAWYER	DRAWING FILE No.: 23-000713 CH-01						

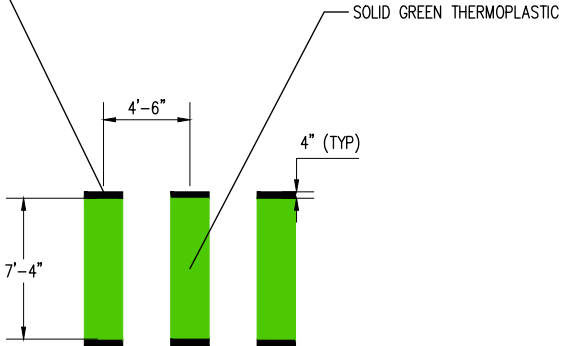
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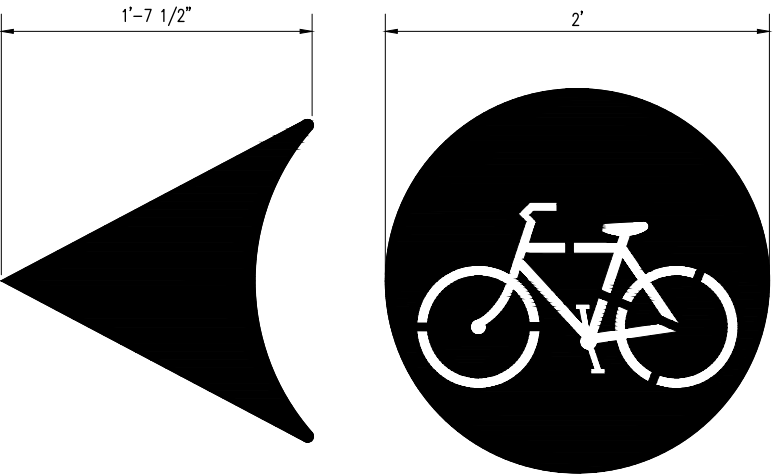
PLASTIC RUMBLE STRIP DETAIL
NTS



CROSSBIKE AND CROSSWALK SPACING DETAIL
NTS



CROSSBIKE ONLY SPACING DETAIL
NTS



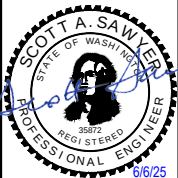
PLASTIC BICYCLE WAYFINDING MARKING DETAIL
NTS
SEE WSDOT SIGNFAB MANUAL APPENDIX D-26
FOR BIKE SYMBOL

△	REVISIONS	DATE	BY

CONFORMED SET
(Addenda 1)

DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25
DRAWN BY: R. PIERCE	JOB No.: 23-000713(0699)
APPROVED BY: S. SAWYER	DRAWING FILE No.: 23-000713 CH-01

ALL DIMENSIONS
SHOWN IN FEET
UNLESS OTHERWISE
DESIGNATED





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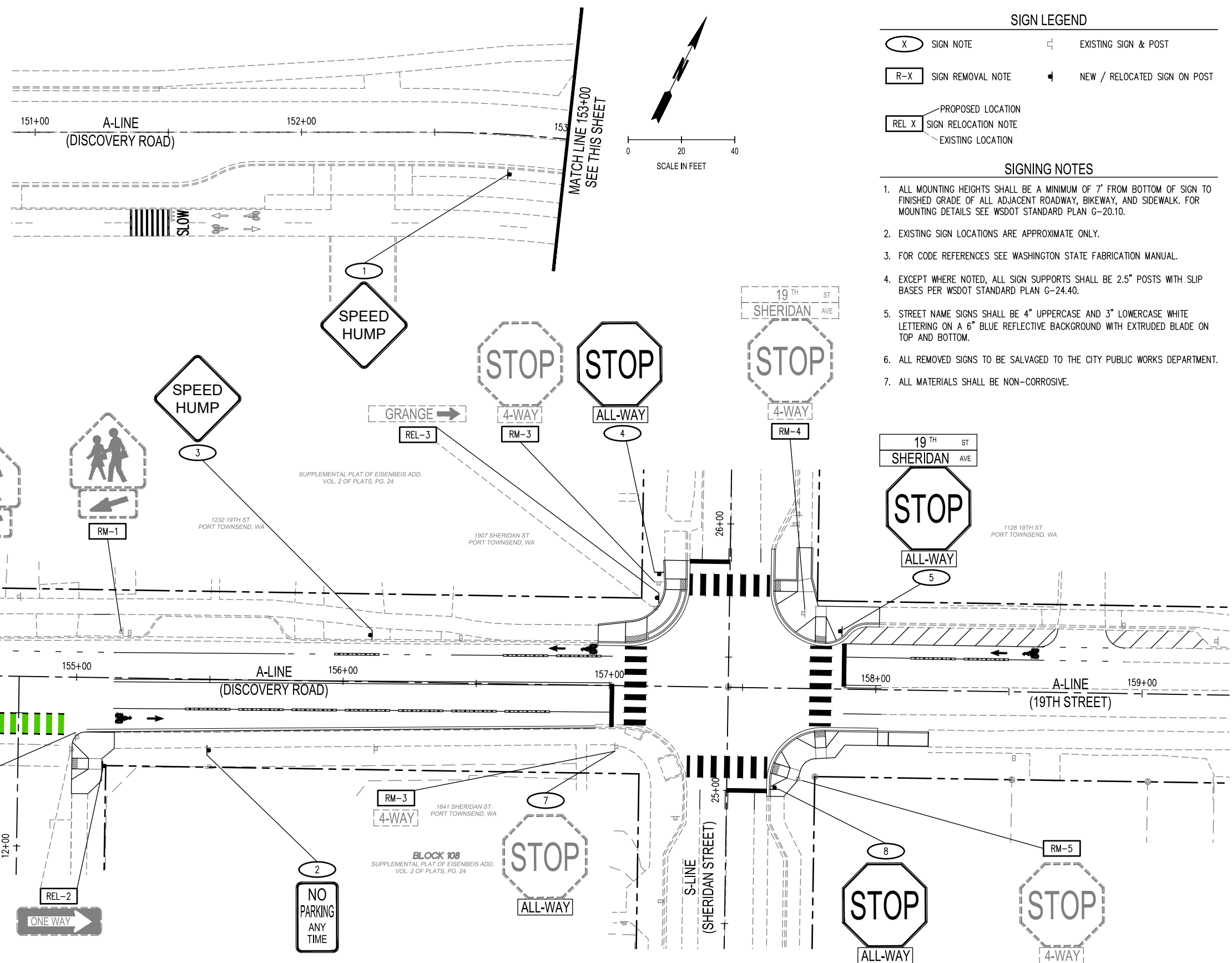


DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET
BICYCLE AND PEDESTRIAN SAFETY
PORT TOWNSEND, WA

CHANNELIZATION DETAILS

DRAWING No.: CH-2
SHEET No.: 11 OF 14

SIGN INSTALLATION SCHEDULE						
SIGN #	SIGN CODE #	SIGN DESCRIPTION	STATION, OFFSET	SIGN SIZE X (INCH) - Y (INCH)		REMARKS
1	W17-1	SPEED HUMP	A 152+79.00, 15.00 RT	48	48	
2	R7-101	NO PARKING ANYTIME	A 155+49.94, 26.65 RT	12	18	
3	W17-1	SPEED HUMP	A 156+10.00, 17.50 LT	48	48	
4	R1-1 R1-4	STOP ALL WAY	A 157+18.05, 42.13 LT	48 18	48 6	MOUNT BELOW R1-1
5	D3-101 D3-101 R1-1 R1-4	19TH ST SHERIDAN AVE STOP ALL WAY	A 157+86.39, 21.69 LT	48 18	48 6	MOUNT BELOW D3-101 MOUNT BELOW D3-101 MOUNT BELOW R1-1
7	R1-4	ALL WAY	A 157+03.05, 23.02 RT	18	6	MOUNT BELOW EX R1-1
8	R1-1 R1-4	STOP ALL WAY	A 157+62.58, 37.39 RT	48 18	48 6	MOUNT BELOW R1-1
REL-1	S1-1 W16-7PL	SCHOOL ADVANCE SIGN DIAGONAL DOWNWARD ARROW	A 154+66.00, 16.50 LT	48 30	48 18	RELOCATE RELOCATE
REL-2	R6-1R	ONE WAY	A 155+10.86, 33.15 RT	54	18	RELOCATE
REL-3	-	GRANGE ARROW	A 157+17.43, 33.16 LT			RELOCATE
RM-1	S2-2 W16-7PL	SCHOOL ADVANCE SIGN DOWNWARD DIAGONAL ARROW	A 155+16.48, 17.31 LT	48 30	48 18	REMOVE
RM-2	S2-2 W16-7PL	SCHOOL ADVANCE SIGN DOWNWARD DIAGONAL ARROW	A 155+00.48, 22.42 RT	48 30	48 18	REMOVE
RM-3	R1-1 R1-3	STOP 4-WAY	A 157+17.92, 38.55 LT	48 12	48 6	REMOVE REMOVE
RM-4	D3-101 D3-101 R1-1 R1-3	19TH ST SHERIDAN AVE STOP 4-WAY	A 157+72.35, 28.25 LT	48 12	48 6	REMOVE REMOVE REMOVE REMOVE
RM-5	R1-1 R1-3	STOP 4-WAY	A 157+71.35, 33.96 RT	48 12	48 6	REMOVE REMOVE
RM-6	R1-3	4-WAY	A 157+03.05, 23.02 RT	12	6	REMOVE

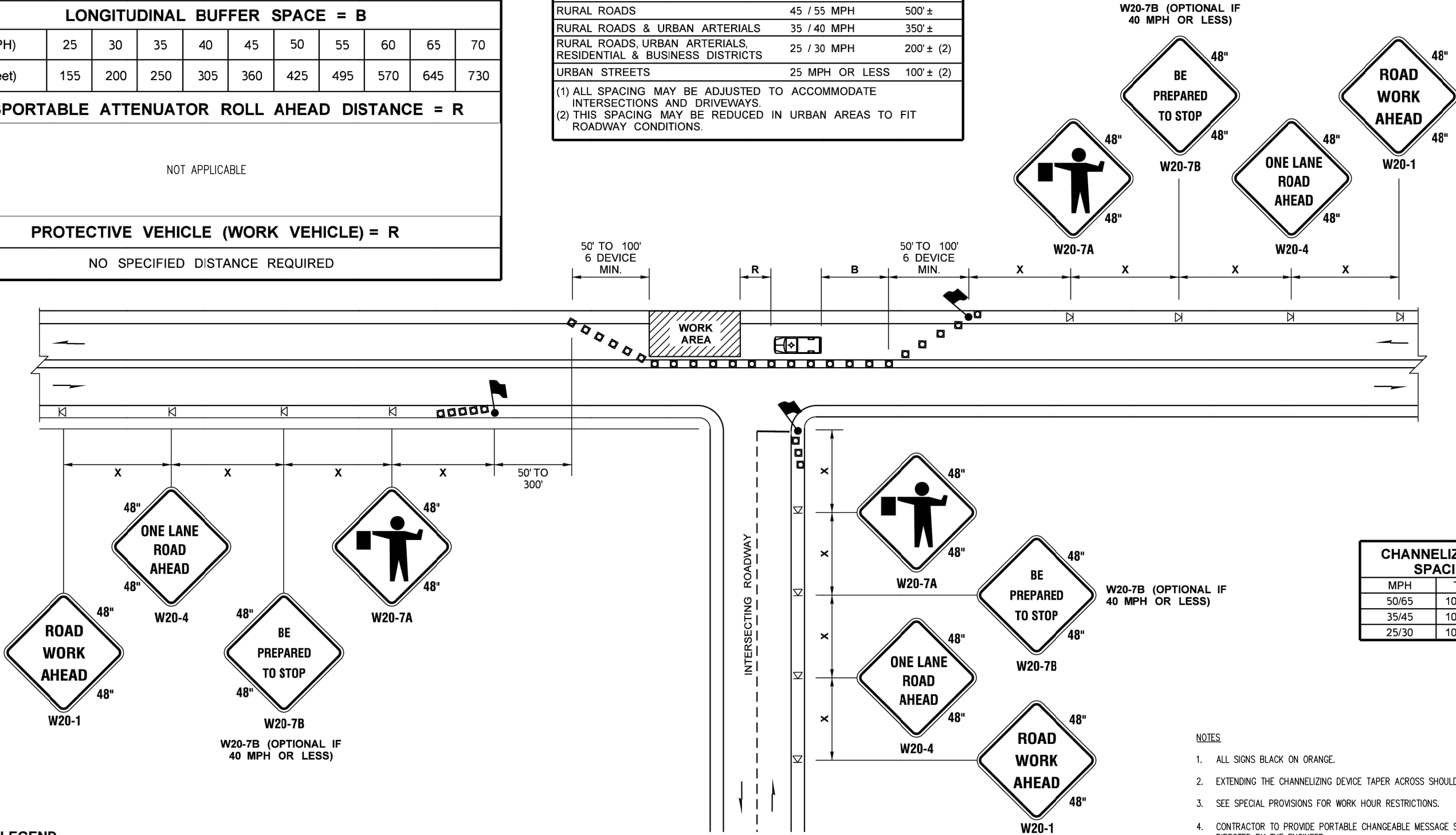


△	REVISIONS	DATE	BY	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED	 6/6/25	 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM		DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA	DRAWING No.: SN-1	
	CONFORMED SET (Addenda 1)				DRAWN BY: R. PIERCE					JOB No.: 23-000713(0699)	SHEET No.:	12 OF 14
										APPROVED BY: S. SAWYER		

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BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
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										
NOT APPLICABLE										
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800' ±
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 TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		



CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

- NOTES
- ALL SIGNS BLACK ON ORANGE.
 - EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 - SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - CONTRACTOR TO PROVIDE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS'S) FOR DURATION OF PROJECT AS DIRECTED BY THE ENGINEER.
 - CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS ROUTES PER SPECIAL PROVISION "PUBLIC CONVENIENCE AND SAFETY."

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE (OPTIONAL)

ONE-LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS

NOT TO SCALE

ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED



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DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET
BICYCLE AND PEDESTRIAN SAFETY
PORT TOWNSEND, WA
TRAFFIC CONTROL PLAN

DRAWING No.: TC-1
SHEET No.: 13 OF 14

CONFORMED SET
(Addenda 1)

REVISIONS	DATE	BY	DESIGNED BY:	ISSUE DATE:
			M. WEYRAUCH	06/09/25
			DRAWN BY:	JOB No.:
			M. WEYRAUCH	23-000713(0699)
			APPROVED BY:	DRAWING FILE No.:
			S. SAWYER	23-000713 TC-01

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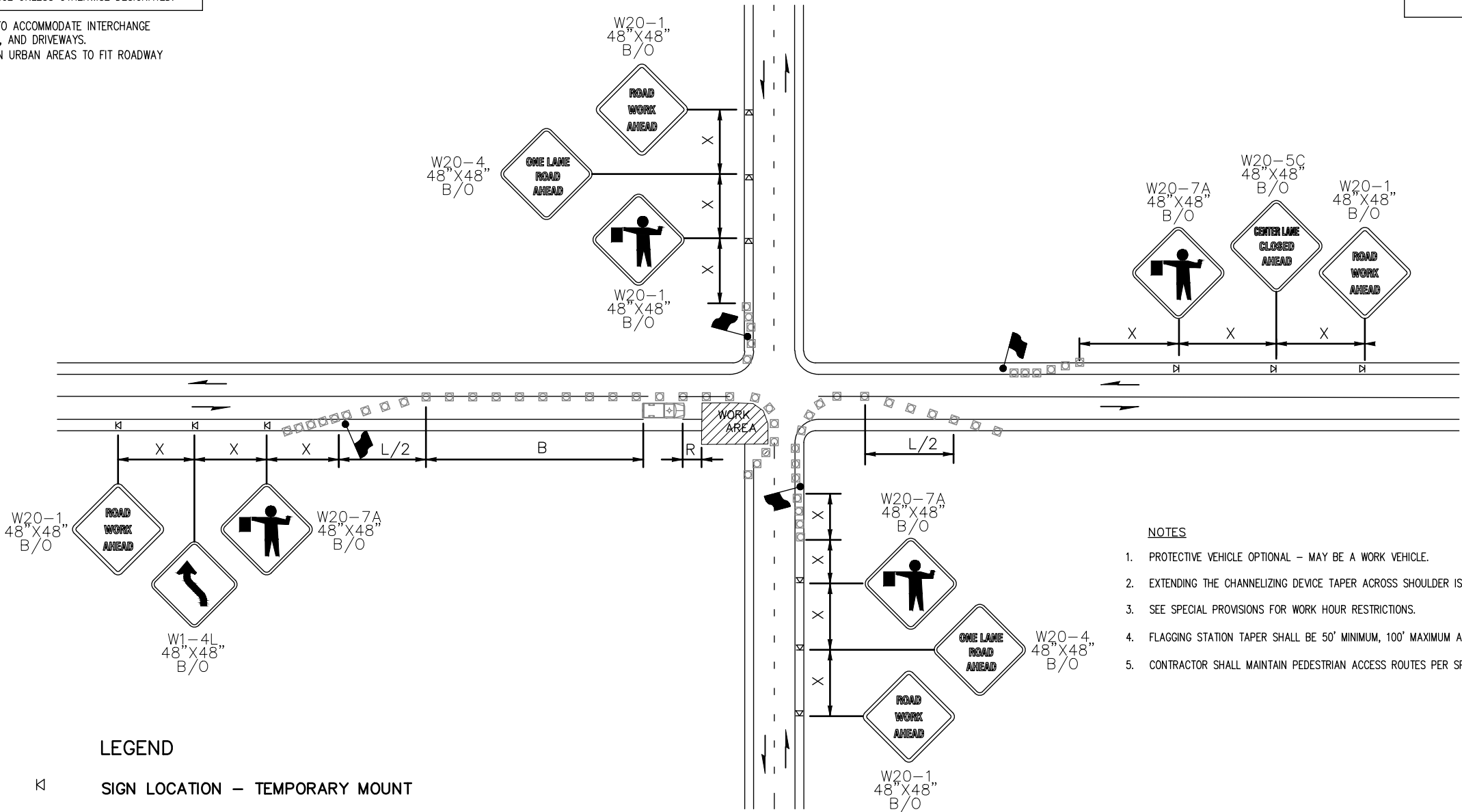
SIGN SPACING = X (FEET) (1)		
FREEWAYS & EXPRESSWAYS	55/70 MPH	1500'± (OR AS PER MUTCD)
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS, URBAN ARTERIAL	35/40 MPH	350'±
RURAL ROADS, URBAN ARTERIAL RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)
ALL SIGNS ARE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.		

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

WIDTH	MINIMUM TAPER LENGTH IN FEET (L)									
	POSTED SPEED (MPH)									
	25	30	35	40	45	50	55	60	65	70
6	-	-	-	-	270	300	330	360	390	420
8	84	120	162	210	360	405	450	480	525	570
10	105	150	205	270	450	500	550	600	660	705
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840
3 DEVICES MINIMUM SPACED 10' O.C. IN TAPERS FOR SHOULDER WIDTHS LESS THAN 6 FEET										

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
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										
NOT APPLICABLE										
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/70	40	80
45/50	30	60
35/40	30	60
25/30	20	40



- NOTES
1. PROTECTIVE VEHICLE OPTIONAL - MAY BE A WORK VEHICLE.
 2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 3. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 4. FLAGGING STATION TAPER SHALL BE 50' MINIMUM, 100' MAXIMUM AND REQUIRE A MINIMUM OF 6 DEVICES.
 5. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS ROUTES PER SPECIAL PROVISION "PUBLIC CONVENIENCE AND SAFETY."

LEGEND

- κ SIGN LOCATION - TEMPORARY MOUNT
- □ TRAFFIC CONES
- 🚧 FLAGGING STATION
- 🚗 PROTECTIVE VEHICLE (OPTIONAL)

INTERSECTION LANE CLOSURE ~ FOUR LANE ROADWAY
NOT TO SCALE

△ REVISIONS	DESIGNED BY: M. WEYRAUCH	ISSUE DATE: 06/09/25	ALL DIMENSIONS SHOWN IN FEET UNLESS OTHERWISE DESIGNATED		 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM		DISCOVERY ROAD/19TH STREET AND SHERIDAN STREET	DRAWING No.: TC-2
	DRAWN BY: M. WEYRAUCH	JOB No.: 23-000713(0699)					BICYCLE AND PEDESTRIAN SAFETY PORT TOWNSEND, WA	SHEET No.:
	APPROVED BY: S. SAWYER	DRAWING FILE No.: 23-000713 TC-01					TRAFFIC CONTROL PLAN	14 OF 14

CONFORMED SET
(Addenda 1)