



Sudden Valley Community Association

360-734-6430

4 Clubhouse Circle Bellingham, WA 98229

www.suddenvalley.com

CAPITAL REQUEST MEMO

To: Sudden Valley Community Association Board of Directors
From: Jo Anne Jensen, General Manager
Date: April 13, 2023
Subject: Capital Request 9921.05 – Contract Award & Change Order

Purpose

To request contract approval and additional funds for replacement of Culvert C315.

Background

This project was previously approved in 2021 with SVCA Capital Code 9921.05. The 2021 Capital Request can be found in PNW's attachment. Culvert C315 was previously identified for replacement by Wilson Engineering in the 2015 Culvert Capital Improvement Plan. The culvert is at the end of its life cycle, and the old pipe is failing. Replacement is recommended before the culvert collapses in Polo Park Drive.

Analysis

Replacement of Culvert C315 was issued for bid to 8 contractors on March 23, 2023. SVCA received 4 bids from contractors when bids were due on April 7, 2023. Refer to PNW's summary dated April 10, 2023 for the bid tabulation, and bid documents.

Proposal

Authorize award of construction contract to Premium Services for replacement of Culvert C315. SVCA's standard construction contract is included with the bid documents in PNW's summary.

Authorize a change order increase of \$166,914.68 to Capital Code 9921.05 for replacement of Culvert C315. A description of this change order increase is included in PNW's summary. SVCA's 2023 budget included \$750,000 for 2023 Road Reconstruction & Drainage. A portion of this \$750,000 is proposed to cover this change order.

Request

Request approval to issue contract to Premium Services for replacement of Culvert C315.

Request \$166,914.68 from Roads to increase the value of Capital Code 9921.05 for replacement of Culvert C315.

Motion 1:

Move that the Board of Directs approve contract award to Premium Services for replacement of Culvert C315 per Schedule A of their proposal dated 4-7-23.



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Motion 2:

Move that the Board of Directors approve the allocation of \$166,914.68 from Roads.

Board of Directors Approval

Motion 1:

Approved: _____ Not Approved: _____ SVCA Board of Directors

Motion 2:

Approved: _____ Not Approved: _____ SVCA Board of Directors



April 10, 2023

Sudden Valley Community Association
Attn: Jo Anne Jensen
4 Clubhouse Circle
Bellingham, WA 98229

RE: SVCA Capital Code 9921.05 – Culvert C315 Replacement
Contract Award Recommendation & Change Order

PNW is providing this project scope letter for the Culvert C315 Replacement Project. SVCA authorized this project to proceed in 2021 under General Manager Glenn Akramoff, and then prior to Glenn's departure the project was put on hold. SVCA's 2023 budget included this project being completed. On 3-23-23 the project was issued for bid to 8 contractors – Ram Construction, WRS, Stremler Gravel, Strider Construction, Tiger Construction, Granite, Dirt Works, and Premium Services. On 4-7-23 bids were due, and SVCA received quotes from 4 contractors – Premium Services, WRS, Stremler Gravel, and Strider Construction.

The project was bid combining 3 scopes of work into 1 Contract. Schedule A is for Culvert C315. Schedule B and the Alternate are covered under a separate Capital Request. Per the attached bid tabulation Premium Services is the low bidder, and PNW recommends SVCA proceed with issuing a contract to them. The Board previously approved the project to proceed based on Impact Design's engineers estimate dated 12-15-2020 in the amount of \$227,139.33, see attached. Premium Services quote totaled \$394,054.01. The primary difference in cost is the box culvert purchase price which has gone up substantially over the last couple of years. The difference in price for the box culvert alone between Impact's estimate, and Premium's quote is \$112,683.36 (\$170,000.00 - 66,240.00 plus WSST at 8.6%).

SVCA authorized this project to proceed in 2021 with a project value of \$314,700.46. Refer to attached Capital Request approved in 2021. With PNW's recommendation to proceed with the project SVCA will need to change order additional funds from Roads into this project. The only change to the 2021 Capital Request is the price difference between the engineer's estimate, and contractor proposal.

- \$394,054.01 = 4-7-2023 Premium Services Proposal
- \$227,139.33 = 12-15-2020 Engineers Estimate
- \$166,914.68 = 2023 Change Order Increase

It is unknown if the market will go back down where if SVCA delayed installation of this project a cheaper bid could be achieved. In general prices appear to still be on the rise for materials, and PNW recommends proceeding to ensure prices don't increase anymore. This culvert is also at the end of its life cycle, and replacing sooner than later is suggested before a failure/collapse occurs in Polo Park Drive.



The following is a summary of the overall proposed project cost:

Construction	
- 2021 Capital Project Approved Value	\$314,700.46
- 2023 Change Order Price Increase	\$166,914.68
2023 Updated Total Project Estimate	\$481,615.14

Please let me know if there are any questions or if you need additional information.

Sincerely,

Tyler Andrews
President

2021 Sudden Valley Culvert Replacements - Culvert 315 (Polo Park Dr)

Engineer's Estimate

December 15, 2020



Estimate Prepared by:
Impact Design, LLC
 5426 Barrett Road, Suite A103
 Ferndale, WA 98248

Client:
 Tyler Andrews
 PNW Civil, Inc.
 PO Box 30498
 Bellingham, WA 98228

NO.	ITEM	ESTIMATED CONSTRUCTION COST			
		QUANTITY	UNIT	UNIT COST	TOTAL
Construction Costs					
1	MOBILIZATION	1	L.S.	\$16,500.00	\$16,500.00
2	CONSTRUCTION SURVEYING	1	L.S.	\$4,000.00	\$4,000.00
3	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	\$2,000.00	\$2,000.00
4	TEMPORARY STREAM DIVERSION AND DEWATERING	1	L.S.	\$10,000.00	\$10,000.00
5	DEFISHING LABOR	60	HR.	\$125.00	\$7,500.00
6	CLEARING AND GRUBBING	1	L.S.	\$4,500.00	\$4,500.00
7	REMOVAL OF STRUCTURE AND OBSTRUCTION	1	L.S.	\$3,000.00	\$3,000.00
8	SHORING OR ADDITIONAL STRUCTURE EXCAVATION CLASS A	1	L.S.	\$6,000.00	\$6,000.00
9	STRUCTURE EXCAVATION CLASS A INCL. HAUL (BOX CULVERT)	300	C.Y.	\$15.00	\$4,500.00
10	STRUCTURE EXCAVATION CLASS B INCL. HAUL (CHANNEL & UTILITY EXCAVATION)	125	C.Y.	\$15.00	\$1,875.00
11	CONSTRUCTION GEOTEXTILE FOR SEPERATION (BOX CULVERT)	100	S.Y.	\$10.00	\$1,000.00
12	CONSTRUCTION GEOTEXTILE FOR DITCH LINING (JUTE MATTING)	130	S.Y.	\$10.00	\$1,300.00
13	POTHOLE EXISTING UTILITY	10	EA.	\$350.00	\$3,500.00
14	STREAMBED SEDIMENT	120	TON	\$90.00	\$10,800.00
15	GRAVEL BASE	123	TON	\$20.00	\$2,460.00
16	GRAVEL BACKFILL FOR PIPE ZONE BEDDING	25	TON	\$25.00	\$625.00
17	CRUSHED SURFACING TOP COURSE	20	TON	\$60.00	\$1,200.00
18	PERMEABLE BALLAST	120	TON	\$60.00	\$7,200.00
19	4x8 QUARRY SPALLS	100	TON	\$70.00	\$7,000.00
20	HEAVY LOOSE RIP RAP	35	TON	\$85.00	\$2,975.00
21	TWO MAN ROCK	15	EA.	\$300.00	\$4,500.00
22	HMA CL 1/2-IN PG 64-22	20	TON	\$200.00	\$4,000.00
23	8X4 BOX CULVERT STRUCTURE	48	L.F.	\$1,380.00	\$66,240.00
24	SOLID WALL PVC SDR 35 SANITARY SEWER PIPE, 8-INCH DIAMETER	27	L.F.	\$35.00	\$945.00
25	DUCTILE IRON SANITARY SEWER SLEEVE, 12-INCH DIAMETER	27	L.F.	\$90.00	\$2,430.00
26	DUCTILE IRON WATERMAIN, 6-INCH DIAMETER	27	L.F.	\$85.00	\$2,295.00
27	WATERMAIN TESTING, COMPLETE	1	L.S.	\$4,000.00	\$4,000.00
28	SEWERMAIN DIVERSION	1	L.S.	\$6,000.00	\$6,000.00
29	MANHOLE 48 IN. DIAM. TYPE II	1	EA.	\$7,000.00	\$7,000.00
30	TOPSOIL CLASS A	20	C.Y.	\$65.00	\$1,300.00
31	SELECTED PLANTINGS	1	L.S.	\$6,500.00	\$6,500.00
32	TEMPORARY EROSION AND SEDIMENT CONTROL	1	L.S.	\$5,000.00	\$5,000.00
33	WOOD CHIP MULCH	30	C.Y.	\$40.00	\$1,200.00
	<i>Subtotal</i>				\$209,345.00
	<i>Tax @ 8.5%</i>				\$17,794.33
	<i>Construction Cost Total</i>				\$227,139.33
	<i>10% Contingency</i>				\$22,713.93
	PROJECT TOTAL				\$249,853.26

Assuming Road Closure Only - No Flaggers



April 7, 2023 - Bid Tabulation

Project: Culvert C315 Replacement & Playground ADA Improvements

Item #	Description	Quantity	Unit	Premium Services		WRS		Stremler Gravel		Strider Construction	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
Schedule A - Culvert C315 Replacement											
1	Mobilization	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 20,000.00	\$ 20,000.00	\$ 24,700.00	\$ 24,700.00	\$ 50,000.00	\$ 50,000.00
2	Construction Surveying	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 6,300.00	\$ 6,300.00	\$ 4,000.00	\$ 4,000.00
3	Project Temporary Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00
4	Temporary Stream Diversion, Dewatering, Fish Exclusion Netting	1	LS	\$ 2,800.00	\$ 2,800.00	\$ 9,000.00	\$ 9,000.00	\$ 10,200.00	\$ 10,200.00	\$ 13,500.00	\$ 13,500.00
5	De-Fishing Labor	1	LS	\$ 1,300.00	\$ 1,300.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 700.00	\$ 700.00
6	Clearing & Grubbing	1	LS	\$ 7,000.00	\$ 7,000.00	\$ 10,500.00	\$ 10,500.00	\$ 10,500.00	\$ 10,500.00	\$ 3,600.00	\$ 3,600.00
7	Removal of Structures & Obstructions	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,800.00	\$ 4,800.00	\$ 3,800.00	\$ 3,800.00
8	Asphalt Removal	160	SY	\$ 11.00	\$ 1,760.00	\$ 17.00	\$ 2,720.00	\$ 8.70	\$ 1,392.00	\$ 9.00	\$ 1,440.00
9	Structure Excavation Class A Incl. Haul (Box Culvert)	300	CY	\$ 35.00	\$ 10,500.00	\$ 55.00	\$ 16,500.00	\$ 34.00	\$ 10,200.00	\$ 38.00	\$ 11,400.00
10	Shoring or Extra Excavation Class A (Box Culvert)	1	LS	\$ 6,000.00	\$ 6,000.00	\$ 30,000.00	\$ 30,000.00	\$ 9,100.00	\$ 9,100.00	\$ 21,000.00	\$ 21,000.00
11	Haul (Channel & Utility Excavation)	125	CY	\$ 35.00	\$ 4,375.00	\$ 55.00	\$ 6,875.00	\$ 35.75	\$ 4,468.75	\$ 56.00	\$ 7,000.00
12	Shoring or Extra Excavation Class B (Channel & Utility Excavation)	1	LS	0.00	0.00	\$ 700.00	\$ 700.00	\$ 2,500.00	\$ 2,500.00	\$ 1,250.00	\$ 1,250.00
13	Construction Geotextile for Separation (Box Culvert)	190	SY	\$ 3.00	\$ 570.00	\$ 8.00	\$ 1,520.00	\$ 7.20	\$ 1,368.00	\$ 5.00	\$ 950.00
14	Construction Geotextile for Ditch Lining (Jute Matting)	80	SY	\$ 10.00	\$ 800.00	\$ 15.00	\$ 1,200.00	\$ 17.50	\$ 1,400.00	\$ 5.00	\$ 400.00
15	Pothole Existing Utilities	1	FA	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
16	Streambed Sediment	100	TONS	\$ 45.00	\$ 4,500.00	\$ 65.00	\$ 6,500.00	\$ 54.00	\$ 5,400.00	\$ 80.00	\$ 8,000.00
17	Gravel Base	123	TONS	\$ 28.00	\$ 3,444.00	\$ 40.00	\$ 4,920.00	\$ 37.50	\$ 4,612.50	\$ 45.00	\$ 5,535.00
18	Gravel Backfill for Pipe Zone Bedding	25	TONS	\$ 22.00	\$ 550.00	\$ 28.00	\$ 700.00	\$ 24.50	\$ 612.50	\$ 36.00	\$ 900.00
19	Crushed Surfacing Top Course	20	TONS	\$ 65.00	\$ 1,300.00	\$ 125.00	\$ 2,500.00	\$ 204.00	\$ 4,080.00	\$ 95.00	\$ 1,900.00
20	5/8" Clear Crushed Rock	120	TONS	\$ 45.00	\$ 5,400.00	\$ 55.00	\$ 6,600.00	\$ 51.00	\$ 6,120.00	\$ 50.00	\$ 6,000.00
21	4x8 Quarry Spalls	90	TONS	\$ 45.00	\$ 4,050.00	\$ 50.00	\$ 4,500.00	\$ 60.00	\$ 5,400.00	\$ 50.00	\$ 4,500.00
22	Heavy Loose Rip Rap	45	TONS	\$ 55.00	\$ 2,475.00	\$ 85.00	\$ 3,825.00	\$ 97.50	\$ 4,387.50	\$ 65.00	\$ 2,925.00
23	Two Man Rock	10	TONS	\$ 80.00	\$ 800.00	\$ 200.00	\$ 2,000.00	\$ 201.00	\$ 2,010.00	\$ 120.00	\$ 1,200.00
24	HMA Cl. 1/2" PG 64-22	37	TONS	\$ 120.00	\$ 4,440.00	\$ 270.27	\$ 9,999.99	\$ 235.00	\$ 8,695.00	\$ 260.00	\$ 9,620.00
25	8' x 4' Box Culvert	1	LS	\$170,000.00	\$170,000.00	\$118,000.00	\$118,000.00	\$165,700.00	\$165,700.00	\$140,000.00	\$140,000.00

26	Solid Wall PVC SDR35 Sanitary Sewer Pipe, 8" Diameter	29	LF	\$ 125.00	\$ 3,625.00	\$ 155.00	\$ 4,495.00	\$ 108.00	\$ 3,132.00	\$ 70.00	\$ 2,030.00
27	Ductile Iron Sanitary Sewer Sleeve, 12" Diameter	27	LF	\$ 80.00	\$ 2,160.00	\$ 160.00	\$ 4,320.00	\$ 183.00	\$ 4,941.00	\$ 80.00	\$ 2,160.00
28	Sewer Main Diversion	1	FA	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
29	Manhole 48" Diameter, Type 2	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 9,000.00	\$ 9,000.00	\$ 6,400.00	\$ 6,400.00	\$ 6,800.00	\$ 6,800.00
30	Sewer	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00	\$ 500.00	\$ 500.00
31	Ductile Iron Watermain, 6" Diameter	40	LF	\$ 250.00	\$ 10,000.00	\$ 400.00	\$ 16,000.00	\$ 350.00	\$ 14,000.00	\$ 240.00	\$ 9,600.00
32	Ductile Iron Water Sleeve, 12" Diameter	26	LF	\$ 100.00	\$ 2,600.00	\$ 140.00	\$ 3,640.00	\$ 187.00	\$ 4,862.00	\$ 75.00	\$ 1,950.00
33	Watermain Testing, Complete	1	LS	\$ 500.00	\$ 500.00	\$ 1,800.00	\$ 1,800.00	\$ 4,800.00	\$ 4,800.00	\$ 300.00	\$ 300.00
34	Topsoil Class A	20	CY	\$ 100.00	\$ 2,000.00	\$ 180.00	\$ 3,600.00	\$ 122.00	\$ 2,440.00	\$ 100.00	\$ 2,000.00
35	Selected Plantings	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 11,000.00	\$ 11,000.00	\$ 2,100.00	\$ 2,100.00	\$ 1,500.00	\$ 1,500.00
36	Temporary Erosion and Sediment Control	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,100.00	\$ 1,100.00	\$ 600.00	\$ 600.00
37	Wood Chip Mulch	12	CY	\$ 100.00	\$ 1,200.00	\$ 200.00	\$ 2,400.00	\$ 142.00	\$ 1,704.00	\$ 115.00	\$ 1,380.00
38	Utility Conflicts	1	FA	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
39	Minor Changes	1	FA	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
40	Temporary Utility Support	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 1,400.00	\$ 1,400.00	\$ 3,200.00	\$ 3,200.00
	Schedule A Subtotal				\$362,849.00		\$380,814.99		\$390,425.25		\$378,640.00
	WSST @ 8.6%				\$ 31,205.01		\$ 32,750.09		\$ 33,576.57		\$ 32,563.04
	Schedule A Total w/ WSST				\$394,054.01		\$413,565.08		\$424,001.82		\$411,203.04

Schedule B - Recreation Corridor Playground Improvements

1	Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ 8,300.00	\$ 8,300.00	\$ 18,000.00	\$ 18,000.00
2	Erosion Control	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 550.00	\$ 550.00	\$ 1,200.00	\$ 1,200.00
3	High Visibility Fencing	460	LF	\$ 5.00	\$ 2,300.00	\$ 6.00	\$ 2,760.00	\$ 6.20	\$ 2,852.00	\$ 3.00	\$ 1,380.00
4	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 7,000.00	\$ 7,000.00	\$ 6,100.00	\$ 6,100.00	\$ 6,500.00	\$ 6,500.00
5	Remove & Dispose of Existing Playground Header	367	LF	\$ 3.00	\$ 1,101.00	\$ 5.00	\$ 1,835.00	\$ 3.50	\$ 1,284.50	\$ 5.00	\$ 1,835.00
6	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 171.00	\$ 171.00	\$ 1,000.00	\$ 1,000.00
7	Remove & Dispose of Existing Playground Equipment	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,200.00	\$ 1,200.00	\$ 2,900.00	\$ 2,900.00	\$ 2,800.00	\$ 2,800.00
8	Supply & Install 2 Bay Swing	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 12,500.00	\$ 12,500.00	\$ 9,600.00	\$ 9,600.00	\$ 7,200.00	\$ 7,200.00
9	Install New Playground Header	365	LF	\$ 20.00	\$ 7,300.00	\$ 7.00	\$ 2,555.00	\$ 17.75	\$ 6,478.75	\$ 21.00	\$ 7,665.00
10	Non-Woven Geotextile Separation Fabric	446	SY	\$ 3.00	\$ 1,338.00	\$ 4.00	\$ 1,784.00	\$ 3.00	\$ 1,338.00	\$ 3.00	\$ 1,338.00

11	EWF Playground Surfacing, 12" Compacted Depth	4013	SF	\$ 3.00	\$ 12,039.00	\$ 2.50	\$ 10,032.50	\$ 4.00	\$ 16,052.00	\$ 5.00	\$ 20,065.00
12	ADA Ramp, 8" Height Including CSTC Pad	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 2,000.00	\$ 4,000.00
13	Restoration	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 3,800.00	\$ 3,800.00	\$ 3,200.00	\$ 3,200.00
14	Minor Changes	1	FA	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
	Schedule B Subtotal				\$ 54,078.00		\$ 52,166.50		\$ 65,426.25		\$ 79,183.00
	WSST @ 8.6%				\$ 4,650.71		\$ 4,486.32		\$ 5,626.66		\$ 6,809.74
	Schedule B Total w/ WSST				\$ 58,728.71		\$ 56,652.82		\$ 71,052.91		\$ 85,992.74

Alternate A - Gate 5 Playground

1	Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 5,000.00	\$ 5,000.00	\$ 13,500.00	\$ 13,500.00
2	Erosion Control	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 900.00	\$ 900.00	\$ 550.00	\$ 550.00	\$ 900.00	\$ 900.00
3	High Visibility Fencing	320	LF	\$ 5.00	\$ 1,600.00	\$ 6.00	\$ 1,920.00	\$ 6.30	\$ 2,016.00	\$ 3.00	\$ 960.00
4	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 3,000.00	\$ 3,000.00	\$ 2,400.00	\$ 2,400.00	\$ 5,000.00	\$ 5,000.00
5	Remove & Dispose of Existing Playground Header	183	LF	\$ 3.00	\$ 549.00	\$ 5.00	\$ 915.00	\$ 5.20	\$ 951.60	\$ 5.00	\$ 915.00
6	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 600.00	\$ 600.00	\$ 900.00	\$ 900.00	\$ 264.00	\$ 264.00	\$ 400.00	\$ 400.00
7	Relocate Existing 2 Bay Swing	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 5,400.00	\$ 5,400.00	\$ 3,800.00	\$ 3,800.00
8	Install New Playground Header	207	LF	\$ 26.00	\$ 5,382.00	\$ 7.00	\$ 1,449.00	\$ 18.50	\$ 3,829.50	\$ 13.00	\$ 2,691.00
9	Non-Woven Geotextile Separation Fabric	245	SY	\$ 3.00	\$ 735.00	\$ 4.00	\$ 980.00	\$ 3.10	\$ 759.50	\$ 3.00	\$ 735.00
10	EWF Playground Surfacing, 12" Compacted Depth	2205	SF	\$ 3.00	\$ 6,615.00	\$ 2.50	\$ 5,512.50	\$ 4.40	\$ 9,702.00	\$ 4.50	\$ 9,922.50
11	ADA Ramp, 12" Height	0.5	EA	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 1,900.00	\$ 950.00	\$ 2,500.00	\$ 1,250.00
12	ADA Gravel Parking	1	FA	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
13	Restoration	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,200.00	\$ 2,200.00	\$ 2,000.00	\$ 2,000.00
14	Minor Changes	1	FA	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
	Schedule B Subtotal				\$ 36,481.00		\$ 24,576.50		\$ 39,022.60		\$ 47,073.50
	WSST @ 8.6%				\$ 3,137.37		\$ 2,113.58		\$ 3,355.94		\$ 4,048.32
	Schedule B Total w/ WSST				\$ 39,618.37		\$ 26,690.08		\$ 42,378.54		\$ 51,121.82
	Total Schedule A and B				\$452,782.72		\$470,217.90		\$495,054.73		\$497,195.78
	Total Schedule A, B, and Alternate				\$492,401.09		\$496,907.98		\$537,433.27		\$548,317.60

PNW

SERVICES, INC.

14.	Construction Geotextile for Ditch Lining (Jute Matting)	80	SY	\$ 10.00	\$ 800.00
15.	Pothole Existing Utilities	1	FA	\$5,000.00	\$5,000.00
16.	Streambed Sediment	100	TONS	\$ 45.00	\$ 4,500.00
17.	Gravel Base	123	TONS	\$ 28.00	\$ 3,444.00
18.	Gravel Backfill for Pipe Zone Bedding	25	TONS	\$ 22.00	\$ 550.00
19.	Crushed Surfacing Top Course	20	TONS	\$ 65.00	\$ 1,300.00
20.	5/8" Clear Crushed Rock	120	TONS	\$ 45.00	\$ 5,400.00
21.	4x8 Quarry Spalls	90	TONS	\$ 45.00	\$ 4,050.00
22.	Heavy Loose Rip Rap	45	TONS	\$ 55.00	\$ 2,475.00
23.	Two Man Rock	10	TONS	\$ 80.00	\$ 800.00
24.	HMA Cl. 1/2IN PG 64-22	37	TONS	\$ 120.00	\$ 4,440.00
25.	8' x 4' Box Culvert Structure	1	LS	\$ 170,000.00	\$ 170,000.00
26.	Solid Wall PVC SDR35 Sanitary Sewer Pipe, 8" Diameter	29	LF	\$ 125.00	\$ 3,625.00
27.	Ductile Iron Sanitary Sewer Sleeve, 12" Diameter	27	LF	\$ 80.00	\$ 2,160.00
28.	Sewer Main Diversion	1	FA	\$10,000.00	\$10,000.00
29.	Manhole 48" Diameter, Type 2	1	EA	\$ 4,000.00	\$ 4,000.00
30.	Connect to Existing Structure – Sewer	1	EA	\$1,200.00	\$1,200.00
31.	Ductile Iron Watermain, 6" Diameter	40	LF	\$250.00	\$10,000.00
32.	Ductile Iron Water Sleeve, 12" Diameter	26	LF	\$100.00	\$2,600.00
33.	Watermain Testing, Complete	1	LS	\$ 500.00	\$ 500.00
34.	Topsoil Class A	20	CY	\$ 100.00	\$ 2,000.00
35.	Selected Plantings	1	LS	\$ 4,000.00	\$ 4,000.00
36.	Temporary Erosion and Sediment Control	1	LS	\$ 1,000.00	\$ 1,000.00
37.	Wood Chip Mulch	12	CY	\$ 100.00	\$ 1,200.00
38.	Utility Conflicts	1	FA	\$15,000.00	\$15,000.00
39.	Minor Changes	1	FA	\$15,000.00	\$15,000.00
40.	Temporary Utility Support	1	LS	\$ 2,500.00	\$ 2,500.00
	Schedule A Subtotal				\$362,849.00
	WSST @ 8.6%				\$31,205.01
	Schedule A Total w/ WSST				\$394,054.01

	Schedule B – Recreation Corridor Playground Improvements				
1.	Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00



2.	Erosion Control	1	LS	\$1,000.00	\$1,000.00
3.	High Visibility Fencing	460	LF	\$ 5.00	\$ 2,300.00
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$5,000.00	\$ 5,000.00
5.	Remove & Dispose of Existing Playground Header	367	LF	\$ 3.00	\$1,101.00
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 1,000.00	\$1,000.00
7.	Remove & Dispose of Existing Playground Equipment	1	LS	\$ 2,500.00	\$2,500.00
8.	Supply & Install 2 Bay Swing	1	EA	\$10,000.00	\$ 10,000.00
9.	Install New Playground Header	365	LF	\$ 20.00	\$ 7,300.00
10.	Non-Woven Geotextile Separation Fabric	446	SY	\$ 3.00	\$1,338.00
11.	EWf Playground Surfacing, 12" Compacted Depth	4,013	SF	\$ 3.00	\$12,039.00
12.	ADA Ramp, 8" Height Including CSTC Pad	2	EA	\$ 1,000.00	\$ 2,000.00
13.	Restoration	1	LS	\$3,000.00	\$3,000.00
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Schedule B Subtotal				\$ 54,078.00
	WSST @ 8.6%				\$4,650.71
	Schedule B Total w/ WSST				\$ 58,728.71

Alternate A – Gate 5 Playground					
1.	Mobilization	1	LS	\$ 2,500.00	\$2,500.00
2.	Erosion Control	1	LS	\$1,000.00	\$1,000.00
3.	High Visibility Fencing	320	LF	\$ 5.00	\$1,600.00
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 3,500.00	\$3,500.00
5.	Remove & Dispose of Existing Playground Header	183	LF	\$ 3.00	\$ 549.00
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 600.00	\$ 600.00
7.	Relocate Existing 2 Bay Swing	1	LS	\$ 4,000.00	\$ 4,000.00
8.	Install New Playground Header	207	LF	\$26.00	\$ 5,382.00
9.	Non-Woven Geotextile Separation Fabric	245	SY	\$ 3.00	\$ 735.00
10.	EWf Playground Surfacing, 12" Compacted Depth	2,205	SF	\$ 3.00	\$6,615.00



11.	ADA Ramp, 12" Height	.5	EA	\$2,000.00	\$1,000.00
12	ADA Gravel Parking	1	FA	\$2,000.00	\$2,000.00
13.	Restoration	1	LS	\$4,000.00	\$4,000.00
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Alternate A Subtotal				\$36,481.00
	WSST @ 8.6%				\$3,137.37
	Alternate A Total w/ WSST				\$39,618.37

Contractor acknowledges receipt of addendums: 1,2

By: 
Signature of Authorized Person

Date: 4/7/23

Print Name & Title: Brent Moa President

Note: Submit proposed force account rates for labor and equipment with Bid Form.



March 27, 2023 – Update Addendum #1

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
Bid Form – Culvert C315 Replacement & 2023 Playground ADA Improvements

Bid submissions are due by 5:00pm on Friday, 4-7-23. Email bid submissions to tylera@pnwcivil.com.

Firm Name: Western Refinery Services, Inc.

Bid Schedule					
Item #	Description	Quantity	Unit	Unit Price	Total
Schedule A – Culvert C315 Replacement					
1.	Mobilization	1	LS	\$ 20,000.00	\$ 20,000.00
2.	Construction Surveying	1	LS	\$ 1,000.00	\$ 1,000.00
3.	Project Temporary Traffic Control	1	LS	\$ 3,000.00	\$ 3,000.00
4.	Temporary Stream Diversion, Dewatering, Fish Exclusion Netting	1	LS	\$ 9,000.00	\$ 9,000.00
5.	De-Fishing Labor	1	LS	\$ 2,500.00	\$ 2,500.00
6.	Clearing and Grubbing	1	LS	\$ 10,500.00	\$ 10,500.00
7.	Removal of Structures & Obstructions	1	LS	\$ 5,000.00	\$ 5,000.00
8.	Asphalt Removal	160	SY	\$ 17.00	\$ 2,720.00
9.	Structure Excavation Class A Incl. Haul (Box Culvert)	300	CY	\$ 55.00	\$ 16,500.00
10.	Shoring or Extra Excavation Class A (Box Culvert)	1	LS	\$ 30,000.00	\$ 30,000.00
11.	Structure Excavation Class B Incl. Haul (Channel & Utility Excavation)	125	CY	\$ 55.00	\$ 6,875.00
12.	Shoring or Extra Excavation Class B (Channel & Utility Excavation)	1	LS	\$ 700.00	\$ 700.00
13.	Construction Geotextile for Separation (Box Culvert)	190	SY	\$ 8.00	\$ 1,520.00



14.	Construction Geotextile for Ditch Lining (Jute Matting)	80	SY	\$ 15.00	\$ 1,200.00
15.	Pothole Existing Utilities	1	FA	\$5,000.00	\$5,000.00
16.	Streambed Sediment	100	TONS	\$ 65.00	\$ 6,500.00
17.	Gravel Base	123	TONS	\$ 40.00	\$ 4,920.00
18.	Gravel Backfill for Pipe Zone Bedding	25	TONS	\$ 28.00	\$ 700.00
19.	Crushed Surfacing Top Course	20	TONS	\$ 125.00	\$ 2,500.00
20.	5/8" Clear Crushed Rock	120	TONS	\$ 55.00	\$ 6,600.00
21.	4x8 Quarry Spalls	90	TONS	\$ 50.00	\$ 4,500.00
22.	Heavy Loose Rip Rap	45	TONS	\$ 85.00	\$ 3,825.00
23.	Two Man Rock	10	TONS	\$ 200.00	\$ 2,000.00
24.	HMA Cl. 1/2" PG 64-22	37	TONS	\$ 270.27	\$ 9,999.99
25.	8' x 4' Box Culvert Structure	1	LS	\$ 118,000.00	\$ 118,000.00
26.	Solid Wall PVC SDR35 Sanitary Sewer Pipe, 8" Diameter	29	LF	\$ 155.00	\$ 4,495.00
27.	Ductile Iron Sanitary Sewer Sleeve, 12" Diameter	27	LF	\$ 160.00	\$ 4,320.00
28.	Sewer Main Diversion	1	FA	\$10,000.00	\$10,000.00
29.	Manhole 48" Diameter, Type 2	1	EA	\$ 9,000.00	\$ 9,000.00
30.	Connect to Existing Structure – Sewer	1	EA	2,500.00	2,500.00
31.	Ductile Iron Watermain, 6" Diameter	40	LF	400.00	16,000.00
32.	Ductile Iron Water Sleeve, 12" Diameter	26	LF	140.00	3,640.00
33.	Watermain Testing, Complete	1	LS	\$ 1,800.00	\$ 1,800.00
34.	Topsoil Class A	20	CY	\$ 180.00	\$ 3,600.00
35.	Selected Plantings	1	LS	\$ 11,000.00	\$ 11,000.00
36.	Temporary Erosion and Sediment Control	1	LS	\$ 2,000.00	\$ 2,000.00
37.	Wood Chip Mulch	12	CY	\$ 200.00	\$ 2,400.00
38.	Utility Conflicts	1	FA	\$15,000.00	\$15,000.00
39.	Minor Changes	1	FA	\$15,000.00	\$15,000.00
40.	Temporary Utility Support	1	LS	\$ 5,000.00	\$ 5,000.00
	Schedule A Subtotal				\$ 380,814.99
	WSST @ 8.6%				\$ 32,750.09
	Schedule A Total w/ WSST				\$ 413,565.08

	Schedule B – Recreation Corridor Playground Improvements				
1.	Mobilization	1	LS	\$ 3,000.00	\$ 3,000.00




2.	Erosion Control	1	LS	\$ 1,500.00	\$ 1,500.00
3.	High Visibility Fencing	460	LF	\$ 6.00	\$ 2,760.00
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 7,000	\$ 7,000
5.	Remove & Dispose of Existing Playground Header	367	LF	\$ 5.00	\$ 1,835.00
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 2,000.00	\$ 2,000.00
7.	Remove & Dispose of Existing Playground Equipment	1	LS	\$ 1,200.00	\$ 1,200.00
8.	Supply & Install 2 Bay Swing	1	EA	\$ 12,500.00	\$ 12,500.00
9.	Install New Playground Header	365	LF	\$ 7.00	\$ 2,555.00
10.	Non-Woven Geotextile Separation Fabric	446	SY	\$ 4.00	\$ 1,784.00
11.	EWf Playground Surfacing, 12" Compacted Depth	4,013	SF	\$ 2.50	\$ 10,032.50
12.	ADA Ramp, 8" Height Including CSTC Pad	2	EA	\$ 1,000.00	\$ 2,000.00
13.	Restoration	1	LS	\$ 1,000.00	\$ 1,000.00
14.	Minor Changes	1	FA	\$ 3,000.00	\$ 3,000.00
	Schedule B Subtotal				\$ 52,166.50
	WSST @ 8.6%				\$ 4,486.32
	Schedule B Total w/ WSST				\$ 56,652.82

Alternate A – Gate 5 Playground					
1.	Mobilization	1	LS	\$ 1,500.00	\$ 1,500.00
2.	Erosion Control	1	LS	\$ 900.00	\$ 900.00
3.	High Visibility Fencing	320	LF	\$ 6.00	\$ 1,920.00
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 3,000.00	\$ 3,000.00
5.	Remove & Dispose of Existing Playground Header	183	LF	\$ 5.00	\$ 915.00
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 900.00	\$ 900.00
7.	Relocate Existing 2 Bay Swing	1	LS	\$ 1,000.00	\$ 1,000.00
8.	Install New Playground Header	207	LF	\$ 7.00	\$ 1,449.00
9.	Non-Woven Geotextile Separation Fabric	245	SY	\$ 4.00	\$ 980.00
10.	EWf Playground Surfacing, 12" Compacted Depth	2,205	SF	\$ 2.50	\$ 5,512.50



11.	ADA Ramp, 12" Height	.5	EA	\$ 1,000.00	\$ 500.00
12.	ADA Gravel Parking	1	FA	\$2,000.00	\$2,000.00
13.	Restoration	1	LS	\$ 1,000.00	\$ 1,000.00
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Alternate A Subtotal				\$ 24,576.50
	WSST @ 8.6%				\$ 2,113.58
	Alternate A Total w/ WSST				\$ 26,690.08

Contractor acknowledges receipt of addendums: 1,2

By: 
Signature of Authorized Person

Date: 04/07/2023

Print Name & Title: Ryan Likkel, CEO

Note: **Submit proposed force account rates for labor and equipment with Bid Form.**



March 27, 2023 – Update Addendum #1

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
Bid Form – Culvert C315 Replacement & 2023 Playground ADA Improvements

Bid submissions are due by 5:00pm on Friday, 4-7-23. Email bid submissions to tylera@pnwcivil.com.

Firm Name: Strenler Gravel Inc

Bid Schedule					
Item #	Description	Quantity	Unit	Unit Price	Total
	Schedule A – Culvert C315 Replacement				
1.	Mobilization	1	LS	\$ 24700	\$ 24700
2.	Construction Surveying	1	LS	\$ 6300	\$ 6300
3.	Project Temporary Traffic Control	1	LS	\$ 1500	\$ 1500
4.	Temporary Stream Diversion, Dewatering, Fish Exclusion Netting	1	LS	\$ 10,200	\$ 10,200
5.	De-Fishing Labor	1	LS	\$ 1500	\$ 1500
6.	Clearing and Grubbing	1	LS	\$ 10,500	\$ 10,500
7.	Removal of Structures & Obstructions	1	LS	\$ 4800	\$ 4800
8.	Asphalt Removal	160	SY	\$ 8.70	\$ 1392.
9.	Structure Excavation Class A Incl. Haul (Box Culvert)	300	CY	\$ 34	\$ 10,200
10.	Shoring or Extra Excavation Class A (Box Culvert)	1	LS	\$ 9100	\$ 9100
11.	Structure Excavation Class B Incl. Haul (Channel & Utility Excavation)	125	CY	\$ 35.75	\$ 35.75
12.	Shoring or Extra Excavation Class B (Channel & Utility Excavation)	1	LS	\$ 2500 2500	\$ 2500
13.	Construction Geotextile for Separation (Box Culvert)	190	SY	\$ 7.20	\$ 1,368

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SERVICES, INC.

14.	Construction Geotextile for Ditch Lining (Jute Matting)	80	SY	\$ 17.50	\$ 1400
15.	Pothole Existing Utilities	1	FA	\$5,000.00	\$5,000.00
16.	Streambed Sediment	100	TONS	\$ 54	\$ 5400
17.	Gravel Base	123	TONS	\$ 37.50	\$ 4612.50
18.	Gravel Backfill for Pipe Zone Bedding	25	TONS	\$ 24.50	\$ 612.50
19.	Crushed Surfacing Top Course	20	TONS	\$ 204	\$ 4080
20.	5/8" Clear Crushed Rock	120	TONS	\$ 51	\$ 6120
21.	4x8 Quarry Spalls	90	TONS	\$ 60	\$ 5400
22.	Heavy Loose Rip Rap	45	TONS	\$ 97.50	\$ 4387.50
23.	Two Man Rock	10	TONS	\$ 201	\$ 2010
24.	HMA Cl. 1/2IN PG 64-22	37	TONS	\$ 235	\$ 8695
25.	8' x 4' Box Culvert Structure	1	LS	\$ 165,700	\$ 165,700
26.	Solid Wall PVC SDR35 Sanitary Sewer Pipe, 8" Diameter	29	LF	\$ 108	\$ 3132
27.	Ductile Iron Sanitary Sewer Sleeve, 12" Diameter	27	LF	\$ 183	\$ 4941
28.	Sewer Main Diversion	1	FA	\$10,000.00	\$10,000.00
29.	Manhole 48" Diameter, Type 2	1	EA	\$ 6400	\$ 6400
30.	Connect to Existing Structure – Sewer	1	EA	1600	1600
31.	Ductile Iron Watermain, 6" Diameter	40	LF	350	14000
32.	Ductile Iron Water Sleeve, 12" Diameter	26	LF	187	4862
33.	Watermain Testing, Complete	1	LS	\$ 4800	\$ 4800
34.	Topsoil Class A	20	CY	\$ 122	\$ 2440
35.	Selected Plantings	1	LS	\$ 2100	\$ 2100
36.	Temporary Erosion and Sediment Control	1	LS	\$ 1100	\$ 1100
37.	Wood Chip Mulch	12	CY	\$ 142	\$ 1704
38.	Utility Conflicts	1	FA	\$15,000.00	\$15,000.00
39.	Minor Changes	1	FA	\$15,000.00	\$15,000.00
40.	Temporary Utility Support	1	LS	\$ 1400	\$ 1400
	Schedule A Subtotal				\$ 390425.25
	WSST @ 8.6%				\$ 33576.57
	Schedule A Total w/ WSST				\$

Schedule B – Recreation Corridor Playground Improvements					
1.	Mobilization	1	LS	\$ 8300	\$ 8300



March 27, 2023 – Update Addendum #1

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
Bid Form – Culvert C315 Replacement & 2023 Playground ADA Improvements

Bid submissions are due by 5:00pm on Friday, 4-7-23. Email bid submissions to tylera@pnwcivil.com.

Firm Name: Premium Services Inc

Bid Schedule					
Item #	Description	Quantity	Unit	Unit Price	Total
	Schedule A – Culvert C315 Replacement				
1.	Mobilization	1	LS	\$ 40,000.00	\$40,000.00
2.	Construction Surveying	1	LS	\$ 5,000.00	\$ 5,000.00
3.	Project Temporary Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
4.	Temporary Stream Diversion, Dewatering, Fish Exclusion Netting	1	LS	\$ 2,800.00	\$ 2,800.00
5.	De-Fishing Labor	1	LS	\$ 1,300.00	\$ 1,300.00
6.	Clearing and Grubbing	1	LS	\$ 7,000.00	\$ 7,000.00
7.	Removal of Structures & Obstructions	1	LS	\$ 1,000.00	\$ 1,000.00
8.	Asphalt Removal	160	SY	\$ 11.00	\$ 1,760.00
9.	Structure Excavation Class A Incl. Haul (Box Culvert)	300	CY	\$ 35.00	\$ 10,500.00
10.	Shoring or Extra Excavation Class A (Box Culvert)	1	LS	\$ 6,000.00	\$ 6,000.00
11.	Structure Excavation Class B Incl. Haul (Channel & Utility Excavation)	125	CY	\$ 35.00	\$ 4,375.00
12.	Shoring or Extra Excavation Class B (Channel & Utility Excavation)	1	LS	\$ 0.00	\$ 0.00
13.	Construction Geotextile for Separation (Box Culvert)	190	SY	\$ 3.00	\$ 570.00



2.	Erosion Control	1	LS	\$ 550	\$ 550
3.	High Visibility Fencing	460	LF	\$ 6.20	\$ 2852
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 6100	\$ 6100
5.	Remove & Dispose of Existing Playground Header	367	LF	\$ 3.50	\$ 1284.50
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 171	\$ 171
7.	Remove & Dispose of Existing Playground Equipment	1	LS	\$ 2900	\$ 2900
8.	Supply & Install 2 Bay Swing	1	EA	\$ 9600	\$ 9600
9.	Install New Playground Header	365	LF	\$ 17.75	\$ 6478.75
10.	Non-Woven Geotextile Separation Fabric	446	SY	\$ 3	\$ 1338.
11.	EWf Playground Surfacing, 12" Compacted Depth	4,013	SF	\$ 4	\$ 16,052.
12.	ADA Ramp, 8" Height Including CSTC Pad	2	EA	\$ 1500	\$ 3000
13.	Restoration	1	LS	\$ 3800	\$ 3800
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Schedule B Subtotal				\$65426.25
	WSST @ 8.6%				\$ 5626.66
	Schedule B Total w/ WSST				\$ 71,052.91


Alternate A – Gate 5 Playground					
1.	Mobilization	1	LS	\$ 5000	\$ 5000
2.	Erosion Control	1	LS	\$ 550	\$ 550
3.	High Visibility Fencing	320	LF	\$ 6.30	\$ 2016
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 2400	\$ 2400
5.	Remove & Dispose of Existing Playground Header	183	LF	\$ 5.20	\$ 951.60
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 264	\$ 264
7.	Relocate Existing 2 Bay Swing	1	LS	\$ 5400	\$ 5400
8.	Install New Playground Header	207	LF	\$ 18.50	\$ 3829.50
9.	Non-Woven Geotextile Separation Fabric	245	SY	\$ 3.10	\$ 759.50
10.	EWf Playground Surfacing, 12" Compacted Depth	2,205	SF	\$ 4.40	\$ 9702.

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SERVICES, INC.

11.	ADA Ramp, 12" Height	.5	EA	\$ 1900	\$ 950
12	ADA Gravel Parking	1	FA	\$2,000.00	\$2,000.00
13.	Restoration	1	LS	\$ 2200	\$ 2200
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Alternate A Subtotal				\$ 39022.60
	WSST @ 8.6%				\$ 3355.94
	Alternate A Total w/ WSST				\$ 42378.54

Contractor acknowledges receipt of addendums: 1, 2

By: 
 Signature of Authorized Person

Date: 4-7-23

Print Name & Title: LANE STREMLER, PRESIDENT

Note: Submit proposed force account rates for labor and equipment with Bid Form.



March 27, 2023 – Update Addendum #1

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
Bid Form – Culvert C315 Replacement & 2023 Playground ADA Improvements

Bid submissions are due by 5:00pm on Friday, 4-7-23. Email bid submissions to tylera@pnwcivil.com.

Firm Name: Strider Construction Co., Inc.

Bid Schedule					
Item #	Description	Quantity	Unit	Unit Price	Total
	Schedule A – Culvert C315 Replacement				
1.	Mobilization	1	LS	\$ 50,000.00	\$ 50,000.00
2.	Construction Surveying	1	LS	\$ 4,000.00	\$ 4,000.00
3.	Project Temporary Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
4.	Temporary Stream Diversion, Dewatering, Fish Exclusion Netting	1	LS	\$ 13,500.00	\$ 13,500.00
5.	De-Fishing Labor	1	LS	\$ 700.00	\$ 700.00
6.	Clearing and Grubbing	1	LS	\$ 3,600.00	\$ 3,600.00
7.	Removal of Structures & Obstructions	1	LS	\$ 3,800.00	\$ 3,800.00
8.	Asphalt Removal	160	SY	\$ 9.00	\$ 1,440.00
9.	Structure Excavation Class A Incl. Haul (Box Culvert)	300	CY	\$ 38.00	\$ 11,400.00
10.	Shoring or Extra Excavation Class A (Box Culvert)	1	LS	\$ 21,000.00	\$ 21,000.00
11.	Structure Excavation Class B Incl. Haul (Channel & Utility Excavation)	125	CY	\$ 56.00	\$ 7,000.00
12.	Shoring or Extra Excavation Class B (Channel & Utility Excavation)	1	LS	\$ 1,250.00	\$ 1,250.00
13.	Construction Geotextile for Separation (Box Culvert)	190	SY	\$ 5.00	\$ 950.00



14.	Construction Geotextile for Ditch Lining (Jute Matting)	80	SY	\$ 5.00	\$ 400.00
15.	Pothole Existing Utilities	1	FA	\$5,000.00	\$5,000.00
16.	Streambed Sediment	100	TONS	\$ 80.00	\$ 8,000.00
17.	Gravel Base	123	TONS	\$ 45.00	\$ 5,535.00
18.	Gravel Backfill for Pipe Zone Bedding	25	TONS	\$ 36.00	\$ 900.00
19.	Crushed Surfacing Top Course	20	TONS	\$ 95.00	\$ 1,900.00
20.	5/8" Clear Crushed Rock	120	TONS	\$ 50.00	\$ 6,000.00
21.	4x8 Quarry Spalls	90	TONS	\$ 50.00	\$ 4,500.00
22.	Heavy Loose Rip Rap	45	TONS	\$ 65.00	\$ 2,925.00
23.	Two Man Rock	10	TONS	\$ 120.00	\$ 1,200.00
24.	HMA Cl. 1/2IN PG 64-22	37	TONS	\$ 260.00	\$ 9,620.00
25.	8' x 4' Box Culvert Structure	1	LS	\$ 140,000.00	\$ 140,000.00
26.	Solid Wall PVC SDR35 Sanitary Sewer Pipe, 8" Diameter	29	LF	\$ 70.00	\$ 2,030.00
27.	Ductile Iron Sanitary Sewer Sleeve, 12" Diameter	27	LF	\$ 80.00	\$ 2,160.00
28.	Sewer Main Diversion	1	FA	\$10,000.00	\$10,000.00
29.	Manhole 48" Diameter, Type 2	1	EA	\$ 6,800.00	\$ 6,800.00
30.	Connect to Existing Structure – Sewer	1	EA	500.00	500.00
31.	Ductile Iron Watermain, 6" Diameter	40	LF	240.00	9,600.00
32.	Ductile Iron Water Sleeve, 12" Diameter	26	LF	75.00	1,950.00
33.	Watermain Testing, Complete	1	LS	\$ 300.00	\$ 300.00
34.	Topsoil Class A	20	CY	\$ 100.00	\$ 2,000.00
35.	Selected Plantings	1	LS	\$ 1,500.00	\$ 1,500.00
36.	Temporary Erosion and Sediment Control	1	LS	\$ 600.00	\$ 600.00
37.	Wood Chip Mulch	12	CY	\$ 115.00	\$ 1,380.00
38.	Utility Conflicts	1	FA	\$15,000.00	\$15,000.00
39.	Minor Changes	1	FA	\$15,000.00	\$15,000.00
40.	Temporary Utility Support	1	LS	\$ 3,200.00	\$ 3,200.00
	Schedule A Subtotal				\$ 378,640.00
	WSST @ 8.6%				\$ 33,320.32
	Schedule A Total w/ WSST				\$ 411,960.32

	Schedule B – Recreation Corridor Playground Improvements				
1.	Mobilization	1	LS	\$ 18,000.00	\$ 18,000.00



2.	Erosion Control	1	LS	\$ 1,200.00	\$ 1,200.00
3.	High Visibility Fencing	460	LF	\$ 3.00	\$ 1,380.00
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 6,500.00	\$ 6,500.00
5.	Remove & Dispose of Existing Playground Header	367	LF	\$ 5.00	\$ 1,835.00
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 1,000.00	\$ 1,000.00
7.	Remove & Dispose of Existing Playground Equipment	1	LS	\$ 2,800.00	\$ 2,800.00
8.	Supply & Install 2 Bay Swing	1	EA	\$ 7,200.00	\$ 7,200.00
9.	Install New Playground Header	365	LF	\$ 21.00	\$ 7,665.00
10.	Non-Woven Geotextile Separation Fabric	446	SY	\$ 3.00	\$ 1,338.00
11.	EWf Playground Surfacing, 12" Compacted Depth	4,013	SF	\$ 5.00	\$ 20,065.00
12.	ADA Ramp, 8" Height Including CSTC Pad	2	EA	\$ 2,000.00	\$ 4,000.00
13.	Restoration	1	LS	\$ 3,200.00	\$ 3,200.00
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Schedule B Subtotal				\$ 79,183.00
	WSST @ 8.6%				\$ 6,968.10
	Schedule B Total w/ WSST				\$ 86,151.10

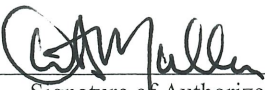
	Alternate A – Gate 5 Playground				
1.	Mobilization	1	LS	\$ 13,500.00	\$ 13,500.00
2.	Erosion Control	1	LS	\$ 900.00	\$ 900.00
3.	High Visibility Fencing	320	LF	\$ 3.00	\$ 960.00
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$ 5,000.00	\$ 5,000.00
5.	Remove & Dispose of Existing Playground Header	183	LF	\$ 5.00	\$ 915.00
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$ 400.00	\$ 400.00
7.	Relocate Existing 2 Bay Swing	1	LS	\$ 3,800.00	\$ 3,800.00
8.	Install New Playground Header	207	LF	\$ 13.00	\$ 2,691.00
9.	Non-Woven Geotextile Separation Fabric	245	SY	\$ 3.00	\$ 735.00
10.	EWf Playground Surfacing, 12" Compacted Depth	2,205	SF	\$ 4.50	\$ 9,922.50

PNW

SERVICES, INC.

11.	ADA Ramp, 12" Height	.5	EA	\$ 2,500.00	\$ 1,250.00
12.	ADA Gravel Parking	1	FA	\$2,000.00	\$2,000.00
13.	Restoration	1	LS	\$ 2,000.00	\$ 2,000.00
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Alternate A Subtotal				\$ 47,073.50
	WSST @ 8.6%				\$ 4,142.47
	Alternate A Total w/ WSST				\$ 51,215.97

Contractor acknowledges receipt of addendums: 1, 2

By:  Date: 4/7/2023
Signature of Authorized Person

Print Name & Title: Darren D. Mullen, Secretary

Note: Submit proposed force account rates for labor and equipment with Bid Form.





March 23, 2023

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
Quote Request – Culvert C315 Replacement & 2023 Playground ADA Improvements

SVCA is requesting quotes for the Culvert C315 Replacement and 2023 Playground ADA Improvements project. The project consists of 3 schedules of work:

- Schedule A – Replacement of existing culvert C315 with a precast box culvert.
- Schedule B – ADA improvements to the Recreation Corridor Playground.
- Alternate A – ADA improvements to the Gate 5 Playground.

Schedules A and B are base bid, and Alternate A will be awarded if funding allows. Bids are due by 5:00pm on Friday, 4-7-23.

Summary of Work:

1. The project will go in front of the SVCA Board on Thursday, 4-13-23, for contract award. Notice to proceed will be issued upon contract execution.
2. Contractor shall provide performance and payment bonds. A bid bond is not required.
3. All work is assumed to be completed under 1 mobilization for each schedule of work.
4. SVCA work hours are 8:00am – 7:00pm Monday thru Friday, and 8:00am – 6:00pm Saturday.
5. Contractor shall provide a construction schedule to SVCA 1 month prior to starting, and provide weekly look ahead schedules. Weekly look ahead schedules will be due on Thursdays.
6. Contractor shall provide material submittals for review.
7. SVCA will allow contractor staging in the overflow parking lot located across from Gate 5 along Lake Louis Road. There is limited staging available at each work location. The Gate 5 staging location accommodates truck and trailer access.
8. Fridays are garbage/recycling day in Sudden Valley. Contractor shall not interfere with this pickup.
9. Traffic control per MUTCD and WSDOT standards.
10. Installation shall follow WSDOT specifications and standards.
11. Force account work to receive 15% markup. Contractor to provide proposed force account rates for labor and equipment with Bid Proposal.
12. Owner will hire a testing agency.
13. All permits are provided by SVCA.
14. This is a private project, and prevailing wages are not applicable.
15. Contractor shall warranty work for 1 year from final completion.

Scope of Work Clarifications:

- **Schedule A – Culvert C315 Replacement**



- Contractor will be allowed 30 working days for this project. Construction may start on 6-1-23, and substantial completion shall be 9-15-23. Liquidated damages shall be assessed at \$1,000.00 per day for any days incurred after 9-16-23.
- Contractor shall continuously work the site during normal business hours once started.
- Bid Item 3 – Temporary Traffic Control
 - Contractor will be allowed to close Polo Park Drive between Oak Crest Circle and Morning Glory Drive. Contractor shall maintain local access for residents. Residents with driveways within the work zone shall have pedestrian access maintained, and contractor shall allow resident parking on the street within the road closure.
 - 2 Type 3 Barricades with Road Closed signs shall be placed on each side of the road closure.
 - Contractor shall install detour signs:
 - On the Morning Glory Drive side of the closure traffic shall be detoured on Polo Park Drive to Western Lane where they can exit at Gate 13.
 - A Type 3 Barricade with Road Closed Ahead sign shall be placed at Honeycomb Lane and Polo Park Drive. Detour signs shall be installed directing traffic down Honey Comb Lane to Sudden Valley Drive, and then to Morning Glory Drive.
- Bid Item 4 – Temporary Stream Diversion, Dewatering, Fish Exclusion Netting
 - SVCA does not have flow information for the ditch. The ditch does flow year round, but goes to a low flow during summer months.
- Bid Item 15 – Pothole Existing Utilities
 - Contractor shall mobilize onsite within 7 days of notice to proceed to pothole the existing utilities. Pothole excavation shall be completed with a vactor truck. Potholes shall be backfilled with gravel upon completion. SVCA’s surveyor will be onsite to verify utility locations.
- Bid Item 34 – Selected Plantings
 - Installation of plants shall follow WSDOT installation schedule unless otherwise agreed to with SVCA. This item is exempt from the 9-15-23 completion date and liquidated damages.
- **Schedule B – Recreation Corridor Playground Improvements**
 - Contractor will be allowed 15 working days for this project. Construction may start on 6-1-23, and substantial completion shall be 9-15-23. Liquidated damages shall be assessed at \$100.00 per day for any days incurred after 9-16-23.
 - Contractor shall continuously work the site during normal business hours once started.
 - Layout is incidental to mobilization.
 - All removed material, including pea gravel, shall be hauled offsite for disposal.
 - Restoration shall match existing conditions. Where lawn is removed contractor shall place topsoil and grass seed. Contractor is not responsible for watering.



- **Alternate A – Gate 5 Playground**

- Contractor will be allowed 15 working days for this project. Construction may start on 6-1-23, and substantial completion shall be 9-15-23. Liquidated damages shall be assessed at \$100.00 per day for any days incurred after 9-16-23.
- Contractor shall continuously work the site during normal business hours once started.
- Layout is incidental to mobilization.
- All removed material, including pea gravel, shall be hauled offsite for disposal.
- Restoration shall match existing conditions. Where lawn is removed contractor shall place topsoil and grass seed. Contractor is not responsible for watering.

Attachments:

1. Bid Form – 4 Pages
2. Drawings – Culvert C315 Replacement – 5 Pages
3. Drawings – ADA Playgrounds Improvements – 3 Pages
4. Specification – Division 7 – C315 Box Culvert – 2 Pages
5. Geotest Soils Report – Culvert C315 – 33 Pages
6. SVCA Standard Contract – 12 Pages

Questions shall be directed to Tyler Andrews at tylera@pnwcivil.com or 360-739-2072. Contractors are encouraged to independently visit the site; no formal pre-bid is scheduled. Bids are due by 5:00pm on Friday, 4-7-23. Email bid submissions to tylera@pnwcivil.com.



March 27, 2023

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
**Quote Request – Culvert C315 Replacement & 2023 Playground ADA
Improvements**

Addendum 1

No change to bid date. Bids are due by 5:00pm on Friday, 4-7-23.

An updated bid form is attached. This adds Schedule A Bid Item 40 on page 2, and adds a place to acknowledge receipt of addendums on page 4.

Scope of Work Clarifications:

Schedule A – Culvert C315 Replacement

- Contractor shall note in water work window per the HPA Permit.
- Whatcom County is processing a Land Disturbance Permit and Building Permit. These will be provided to the contractor upon receipt. Any changes required will be handled via change order. Contractor will be responsible for coordinating any inspections necessary.
- Bid Item 38 – Utility Conflicts
 - o This item is intended to cover the following:
 - Utilities discovered not shown on the drawings.
 - Utility conflicts due to utilities being in a different location than shown on the drawings.
 - Contractor shall assume traditional backfill for utilities. If CDF is required it will be covered under this item.
 - The utilities shown to be at the top of the box culvert will be field fit. If additional exposure of utilities is required to flex above the culvert it will be paid under this item.
 - Any additional utility work not shown as required will be paid under this item. This includes utility company support if lines can't be field fit and have to be relocated.
- Bid Item 40 – Temporary Utility Support
 - o Contractor shall plan to temporarily support the existing utilities shown on the drawings during excavation, box culvert placement, and backfill.
 - o No additional payment will be provided outside of this bid item for temporary support of utilities during construction.

Attachments:

1. Bid Form – 4 Pages
2. HPA Permit – 8 Pages
3. Army Corps Permit – 3 Attachments Totaling 39 Pages



March 27, 2023 – Update Addendum #1

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
Bid Form – Culvert C315 Replacement & 2023 Playground ADA Improvements

Bid submissions are due by 5:00pm on Friday, 4-7-23. Email bid submissions to tylera@pnwcivil.com.

Firm Name: _____

Bid Schedule					
Item #	Description	Quantity	Unit	Unit Price	Total
	Schedule A – Culvert C315 Replacement				
1.	Mobilization	1	LS	\$	\$
2.	Construction Surveying	1	LS	\$	\$
3.	Project Temporary Traffic Control	1	LS	\$	\$
4.	Temporary Stream Diversion, Dewatering, Fish Exclusion Netting	1	LS	\$	\$
5.	De-Fishing Labor	1	LS	\$	\$
6.	Clearing and Grubbing	1	LS	\$	\$
7.	Removal of Structures & Obstructions	1	LS	\$	\$
8.	Asphalt Removal	160	SY	\$	\$
9.	Structure Excavation Class A Incl. Haul (Box Culvert)	300	CY	\$	\$
10.	Shoring or Extra Excavation Class A (Box Culvert)	1	LS	\$	\$
11.	Structure Excavation Class B Incl. Haul (Channel & Utility Excavation)	125	CY	\$	\$
12.	Shoring or Extra Excavation Class B (Channel & Utility Excavation)	1	LS	\$	\$
13.	Construction Geotextile for Separation (Box Culvert)	190	SY	\$	\$



14.	Construction Geotextile for Ditch Lining (Jute Matting)	80	SY	\$	\$
15.	Pothole Existing Utilities	1	FA	\$5,000.00	\$5,000.00
16.	Streambed Sediment	100	TONS	\$	\$
17.	Gravel Base	123	TONS	\$	\$
18.	Gravel Backfill for Pipe Zone Bedding	25	TONS	\$	\$
19.	Crushed Surfacing Top Course	20	TONS	\$	\$
20.	5/8" Clear Crushed Rock	120	TONS	\$	\$
21.	4x8 Quarry Spalls	90	TONS	\$	\$
22.	Heavy Loose Rip Rap	45	TONS	\$	\$
23.	Two Man Rock	10	TONS	\$	\$
24.	HMA Cl. 1/2IN PG 64-22	37	TONS	\$	\$
25.	8' x 4' Box Culvert Structure	1	LS	\$	\$
26.	Solid Wall PVC SDR35 Sanitary Sewer Pipe, 8" Diameter	29	LF	\$	\$
27.	Ductile Iron Sanitary Sewer Sleeve, 12" Diameter	27	LF	\$	\$
28.	Sewer Main Diversion	1	FA	\$10,000.00	\$10,000.00
29.	Manhole 48" Diameter, Type 2	1	EA	\$	\$
30.	Connect to Existing Structure – Sewer	1	EA		
31.	Ductile Iron Watermain, 6" Diameter	40	LF		
32.	Ductile Iron Water Sleeve, 12" Diameter	26	LF		
33.	Watermain Testing, Complete	1	LS	\$	\$
34.	Topsoil Class A	20	CY	\$	\$
35.	Selected Plantings	1	LS	\$	\$
36.	Temporary Erosion and Sediment Control	1	LS	\$	\$
37.	Wood Chip Mulch	12	CY	\$	\$
38.	Utility Conflicts	1	FA	\$15,000.00	\$15,000.00
39.	Minor Changes	1	FA	\$15,000.00	\$15,000.00
40.	Temporary Utility Support	1	LS	\$	\$
	Schedule A Subtotal				\$
	WSST @ 8.6%				\$
	Schedule A Total w/ WSST				\$

	Schedule B – Recreation Corridor Playground Improvements				
1.	Mobilization	1	LS	\$	\$



2.	Erosion Control	1	LS	\$	\$
3.	High Visibility Fencing	460	LF	\$	\$
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$	\$
5.	Remove & Dispose of Existing Playground Header	367	LF	\$	\$
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$	\$
7.	Remove & Dispose of Existing Playground Equipment	1	LS	\$	\$
8.	Supply & Install 2 Bay Swing	1	EA	\$	\$
9.	Install New Playground Header	365	LF	\$	\$
10.	Non-Woven Geotextile Separation Fabric	446	SY	\$	\$
11.	EWf Playground Surfacing, 12" Compacted Depth	4,013	SF	\$	\$
12.	ADA Ramp, 8" Height Including CSTC Pad	2	EA	\$	\$
13.	Restoration	1	LS	\$	\$
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Schedule B Subtotal				\$
	WSST @ 8.6%				\$
	Schedule B Total w/ WSST				\$

	Alternate A – Gate 5 Playground				
1.	Mobilization	1	LS	\$	\$
2.	Erosion Control	1	LS	\$	\$
3.	High Visibility Fencing	320	LF	\$	\$
4.	Remove & Dispose of Existing Pea Gravel	1	LS	\$	\$
5.	Remove & Dispose of Existing Playground Header	183	LF	\$	\$
6.	Remove & Dispose of, or Puncture, Existing Woven Geotextile	1	LS	\$	\$
7.	Relocate Existing 2 Bay Swing	1	LS	\$	\$
8.	Install New Playground Header	207	LF	\$	\$
9.	Non-Woven Geotextile Separation Fabric	245	SY	\$	\$
10.	EWf Playground Surfacing, 12" Compacted Depth	2,205	SF	\$	\$



11.	ADA Ramp, 12" Height	.5	EA	\$	\$
12	ADA Gravel Parking	1	FA	\$2,000.00	\$2,000.00
13.	Restoration	1	LS	\$	\$
14.	Minor Changes	1	FA	\$3,000.00	\$3,000.00
	Alternate A Subtotal				\$
	WSST @ 8.6%				\$
	Alternate A Total w/ WSST				\$

Contractor acknowledges receipt of addendums: _____

By: _____
Signature of Authorized Person

Date: _____

Print Name & Title: _____

Note: Submit proposed force account rates for labor and equipment with Bid Form.



April 2, 2023

Attn: Bidders

RE: Sudden Valley Community Association (SVCA)
**Quote Request – Culvert C315 Replacement & 2023 Playground ADA
Improvements**

Addendum 2

No change to bid date. Bids are due by 5:00pm on Friday, 4-7-23.

Scope of Work Clarifications:

Schedule A – Culvert C315 Replacement

- Delete the following text:
Contractor will be allowed 30 working days for this project. Construction may start on 6-1-23, and substantial completion shall be 9-15-23. Liquidated damages shall be assessed at \$1,000.00 per day for any days incurred after 9-16-23.
- Replace with:
 - Contractor will be allowed 30 working days for this project. Liquidated damages shall be assessed at \$1,000.00 per calendar day for any days exceeding 30 working days. Construction may start on 6-1-23. All earth disturbing activities exceeding 500SF shall be finished by 11:59PM on 9-30-23. Asphalt paving can be completed after 10-1-23 assuming the area is already graded.
 - Contractor shall not close the road and start construction until delivery confirmation for the box culvert is provided by the supplier. In the event the box culvert delivery is delayed, to allow installation and backfill prior to 10-1-23, SVCA will attempt to get a variance from Whatcom County. If SVCA is unable to get a variance in a timely manner, SVCA will work with the contractor to postpone the project till permit windows allow in 2024.
- Backfill around box culvert:
 - Contractor shall install a 2' layer of 4x8 quarry spalls below the box culvert as shown on Drawing 2 of 5.
 - Contractor shall install 5/8" clear crushed rock above the quarry spalls below the box culvert. The 5/8" clear crushed rock shall extend to the top of the box culvert for a minimum width of 2' on the sides. Mirafi 160N or equivalent shall wrap the 5/8" clear crushed gravel.
 - Contractor shall install gravel base above the box culvert, and follow the Typical Pavement Section shown on Drawing 1 of 5.



- Bid Item 10 – Shoring or Extra Excavation Class A (Box Culvert)
 - Contractor may backfill with gravel base beyond the 2' width of clear crushed rock against the box culvert. Contractor shall achieve 95% compaction if gravel base is used.

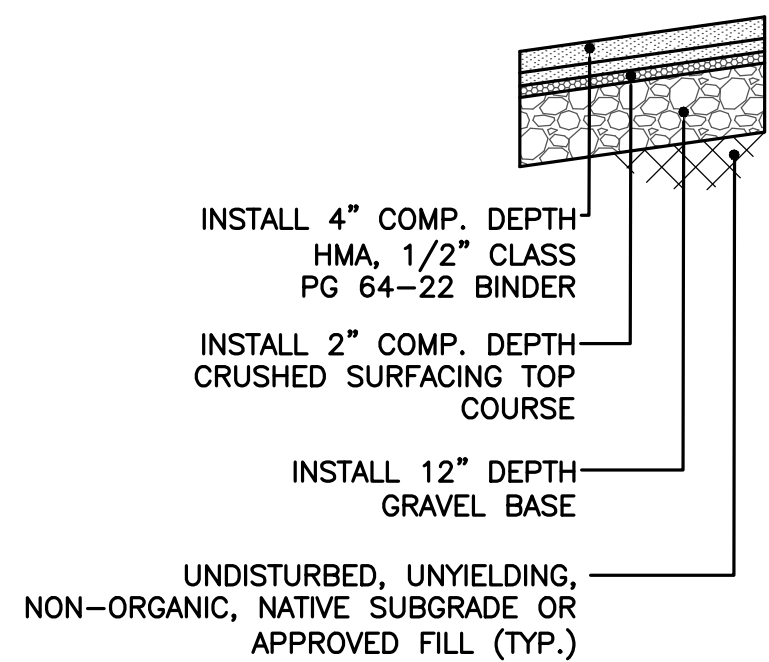
SUDDEN VALLEY CULVERT REPLACEMENTS 2023

STORMWATER IMPROVEMENTS

SUDDEN VALLEY, WASHINGTON

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT WSDOT/APWA STANDARD SPECIFICATIONS.
2. NORMAL WORKING HOURS ARE 8:00 AM. TO 7:00 PM., MONDAY THROUGH FRIDAY. WORK DURING HOLIDAYS, WEEKENDS, AND OUTSIDE THE NORMAL WORK HOURS REQUIRES PRIOR ARRANGEMENTS AND APPROVAL.
3. THE CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICE 48 HOURS PRIOR TO STARTING WORK AT (800) 424-5555 OR 811.
4. A COPY OF THE DRAWINGS MUST BE ON THE JOBS SITE WHENEVER WORK IS IN PROCESS.
5. ALL TESTING REQUIRED FOR THE WORK SHALL BE THE RESPONSIBILITY OF THE OWNER.
6. THE CONTRACTOR SHALL RIP RAP ALL CULVERT INLETS AND OUTLETS.
7. THE CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISTURBED BY THE WORK IMMEDIATELY AFTER CONSTRUCTION. THE CONTRACTOR SHALL NOT LEAVE ANY PART OF THE ROAD USED BY OTHERS UN-PASSABLE WITHOUT NOTIFICATIONS AND AGREEMENT OF OTHER USERS.
8. ALL CUT AND FILL SLOPES SHALL BE MULCHED AND SEEDED FOR EROSION CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SLOPE EROSION UNTIL VEGETATION IS FIRMLY ESTABLISHED.
9. CONTRACTOR SHALL SWEEP AND REMOVE ALL DEBRIS TRACKED ONTO EXISTING ROADS DURING ALL PHASES OF CONSTRUCTION.
10. ANY TREE, WHERE 1/3 OF THE ROOT SYSTEM IS DAMAGED BY WORK, SHALL BE REMOVED.
11. THE CONTRACTOR SHALL INFORM THE ENGINEER OF RECORD OR REPRESENTATIVE AND OBTAIN APPROVAL FOR ANY PROPOSED CHANGES IN PLANS PRIOR TO IMPLEMENT.
12. TRAFFIC CONTROL IS TO BE MAINTAINED IN ACCORDANCE WITH WSDOT/APWA STANDARD SPECIFICATIONS.



TYPICAL PAVEMENT SECTION

NOT TO SCALE

PROJECT MAP - SUDDEN VALLEY



LEGEND

- TB---TB--- EX. TOP OF BANK
- BB---BB--- EX. BOTTOM OF BANK
- (70)— EXISTING CONTOUR LINE
- ||— EXISTING WATER
- s— EXISTING SEWER
- == EXISTING CULVERT
- .-.-.- EXISTING COMMUNICATION LINE
- p— EXISTING UNDERGROUND POWER LINE
- |—|—|— ORDINARY HIGH WATER MARK
- ▨ PROPOSED CULVERT

SHEET INDEX

1. TITLESHEET
2. CULVERT C-315 SITE PLAN
3. CULVERT C-315 SWPPP
4. SWPPP NOTES
5. DETAILS



ORIGINAL SIGNED COPIES
AVAILABLE AT IMPACT DESIGN

SUDDEN VALLEY
CULVERT REPLACEMENTS 2023
TITLE SHEET

WHATCOM COUNTY, WASHINGTON

REV	DATE	BY	DESCRIPTION

PROJECT NUMBER: 19031
DESIGNED/DRAWN BY: SIG
CHECKED BY: SIG
ISSUE DATE: 03.23.23

1
OF 5

