

**2020 Priority Array for the 6-Year TIP
District 1 (San Juan, Stuart)**

Loc #	Priority	Project Name	Island	TIP	CRP #	RD #	BMP	EMP	Estimated Cost	Notes
1	High	Culvert Replacement - Beaverton Valley Rd	SJ	5	011302	002	4.20	4.20	\$150,000	First priority of Crew. Fish bearing stream. Appeal to WDFW for change of fish status.
2	High	Intersection Improvements - Lawson Rd and West Valley Rd	SJ	12		203	0.00	0.00	\$300,000	Intersection safety improvements.
3	High	New Road - Pear Point Rd to Turn Point Rd Connector	SJ	1	010801	006	1.15	1.15	\$500,000	Construct road connecting Pear Point Rd to Turn Point Rd
4	High	Road Improvements - Douglas Rd and Bailer Hill Rd	SJ	6	011303	001	3.15	4.45	\$2,500,000	Reconstruct roadway to include 30 ft of pavement, intersection at "The Oaks" into radial T-intersection, and the large culvert at False Bay Creek.
5	High	Road Improvements - Rouleau Rd	SJ	9		038	0.00	1.06	\$1,300,000	Widen road from Roche Harbor Rd to Limestone Point Rd. Existing subgrade is failing. No shoulder and poor ditches.
6	High	Road Improvements - San Juan Valley Rd Phase 1	SJ	10		009	0.00	0.50	\$600,000	Reconstruction of road base from Douglas Rd to Strawberry Ln (2019 Split from #15)
7	High	Trail Construction - Pear Point Rd	SJ	23	011901	006	4.50	5.00	\$120,000	Widen shoulder or build separate path. Will need to acquire ROW. (2019-Revised Priority to High)
8	Medium	Culvert Replacement - False Bay Rd	SJ			011	1.47	1.47	\$175,000	Culvert at very deep depth. Reinforced concrete pipe.
9	Medium	Intersection Improvements - Mitchell Bay Rd and West Side Rd	SJ			090	0.00	0.00	\$120,000	Sight distance, contain traffic flow to designated lanes
10	Medium	Intersection Improvements - West Valley Rd and Roche Harbor Rd	SJ			002	9.67	9.67	\$150,000	High accident area (7 reported in last 10 years). Most fail to stop at Stop sign on West Valley Rd.
11	Medium	Marine Facility Replacement - Griffin Bay Phase I	SJ		011601	006	4.25	4.25	\$100,000	Creosote Pile Removal (2019- Split from #33)
12	Medium	Road Improvements - Bailer Hill Rd	SJ		011401	001	4.45	5.95	\$2,000,000	Reconstruct roadway to provide 30 ft of pavement (11ft lanes and 4ft shoulders), steep hill with heavy bike traffic. (2019-Revised priority to medium)
13	Medium	Road Improvements - Beaverton Valley Rd	SJ			002	1.38	1.47	\$75,000	Pavement subsidence caused by guardrail installation. (2019-Revised priority to medium)
14	Medium	Road Improvements - San Juan Park Rd	SJ			150	0.00	0.40	\$150,000	Replace or reconstruct retaining wall, improve drainage and reconstruct roadway. (2019-Revised priority to medium)
15	Medium	Road Improvements - San Juan Valley Rd Phase 2	SJ			009	0.50	1.25	\$1,500,000	Reconstruction of road base from Strawberry Ln to Valley Farms Rd (Split from # 6)
16	Medium	Trail Construction - San Juan Valley Rd Phase 1	SJ			001	1.20	1.71	\$200,000	From Town boundary to Douglas Rd (2019-Revised Priority to Medium)
17	Medium	Trail Construction - Bailer Hill Rd	SJ			001	3.44	4.88	\$1,200,000	Separated Trail from The Oaks to Rancho Rd
18	Low	Culvert Replacement - Boyce Rd	SJ			012	0.56	0.56	\$75,000	Replace existing culvert and rebuild road base. Asphalt patch is holding.
19	Low	Culvert Replacement - Cattle Point Rd	SJ			018	1.25	1.25	\$50,000	Replace culvert. Bottom of pipe is degraded.
20	Low	Culvert Replacement - Golf Course Rd	SJ			158	0.96	0.96	\$200,000	ROW conflicts. Determine extent of PW responsibility.
21	Low	Culvert Replacement - Rouleau Road	SJ			038	0.20	0.20	\$75,000	Replace existing culvert
22	Low	Culvert Replacement - Turn Point Rd	SJ			006	2.11	2.11	\$75,000	Pipe may be underneath existing house.
23	Low	Gravel Road Conversions - Various Locations	SJ							District 1 scheduled for gravel road conversions in 2021
24	Low	Guardrail Installation - West Side Rd	SJ			001	7.80	7.90	\$75,000	Steep slope. No accidents reported w/in last 10 years.
25	Low	Intersection Improvements - Boyce Rd and West Valley Rd	SJ			012	0.00	0.00	\$75,000	Grade, turning radius, right-hand turn lane on West Valley Rd.

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26	Low	Intersection Improvements - Rouleau Rd and Limestone Point Rd	SJ			038	1.05	1.05	\$150,000	Sight distance, grade, drainage
27	Low	Intersection Improvements - Sutton Rd and Roche Harbor Rd	SJ			041	0.00	0.00	\$75,000	Turning radius for large trucks, sight distance for traffic turning onto Roche Harbor Rd
28	Low	Intersection Improvements - West Valley Rd and Mitchell Bay Rd	SJ			002	6.84	6.84	\$25,000	Sight distance, reduce size of intersection
29	Low	Retaining Wall Replacement - West Side Rd	SJ			001	8.60	8.75	\$750,000	Determine structural integrity of existing wall. Replace nearby culvert?
30	Low	Road Improvements - Jackson Beach Rd	SJ			252	0.00	0.24	\$250,000	Grading and drainage. Determine extent of PW responsibility. Review existing agreements with Port.
31	Low	Roadside Improvements - West Valley Road	SJ			002	8.50	8.55	\$25,000	Mt Young Parking. Widen shoulder and chip seal. Review agreement with National Parks.
32	Low	Trail Construction - San Juan Valley Rd Phase 2	SJ			009	0.00	2.02	\$800,000	From Douglas Rd to Land Bank property (at Valley Farms Rd)
33	Low	Marine Facility Replacement - Griffin Bay Phase 2	SJ			006	4.25	4.25	\$625,000	RE-construct barge landing

**2020 Priority Array for the 6-Year TIP
District 2 (Orcas, Waldron)**

Loc #	Priority		Project Name	Island	TIP	CRP #	RD #	BMP	EMP	Estimated Cost	Notes
1	High		Intersection Improvements - Obstruction Pass Rd & Point Lawrence Rd	O	13		066	0.00	0.10	\$300,000	Convert Y-intersection to T-intersection
2	High		Marine Facility Improvements - West Sound	O	17		045	0.851	0.851	\$500,000	New float and piles
3	High		Multimodal Improvements - Orcas Rd	O	25		004	7.81	8.15	\$110,000	Ped/Bike improvements from Myers Rd to Main St
4	High		Road Improvements - A St	O	7	020801	165	0.00	0.12	\$1,500,000	Parking, lighting, landscaping, pedestrian and accessibility accommodations, utility relocations and storm drain improvements. Preliminary design by Fred Klein.
5	High		Road Improvements - Prune Alley	O	4	021502	054	0.22	0.50	\$2,650,000	Parking, lighting, landscaping, pedestrian and accessibility accommodations, utility relocations and storm drain improvements.
6	High		Road Improvements - Upper Deer Harbor Rd	O	2	020504	204	0.00	0.30	\$460,000	Deer Harbor Hamlet Parking. All work within existing ROW
7	High		Road Improvements - Haven Rd Pedestrian Improvements	Ø	8	021701	054	0.00	0.22	\$150,000	Curb, gutter, sidewalk, and parking on east side of road
8	High		Site Improvements - Orcas Landing	O	15	021602	004	0.05	0.05	\$350,000	Retaining wall, sidewalks and other site improvements.
9	High		Trail Construction - Crescent Beach Rd	O	22		004	8.48	8.85	\$100,000	Madrona St to Land Bank's eastern parking lot
10	High		Trail Construction - Enchanted Forest Rd Phase 2	Ø	20		080	0.00	0.25	\$100,000	East portion between North Beach Rd and Lover's Ln
11	High		Trail Construction - Lover's Ln	O	21		052	0.00	0.35	\$100,000	Between Main St and Enchanted Forest Rd
12	Medium		Culvert Replacement - Crescent Beach Dr	O			004	8.68	8.68	\$200,000	Prevent sand from clogging outlet.
13	Medium		Culvert Replacement - Olga Rd	O			004	13.10	13.10	\$200,000	Outfall to lake. Fish-bearing stream.
14	Medium		Guardrail Installation - Olga Rd	O			004	13.00	13.50	\$1,000,000	Cascade Lake Guardrail. Install guardrail along lakefront. Improve pedestrian trail.
15	Medium		Intersection Improvements - Dolphin Bay Rd and McNallie Ln	O			048	4.88	4.88	\$100,000	Turn radius, grade, sight distance
16	Medium		Marine Facility Improvements - Obstruction Pass Boat Ramp	O			066	1.88	1.98	\$350,000	Replace boat ramp. Possibly move location and rearrange parking area. (2019-Revised priority to Medium)
17	Medium		Marine Facility Improvements - Orcas Landing	O			004	0.054	0.054	\$2,000,000	Reconstruct marine facility to provide better public access. Floats in poor conditions
18	Medium		Road Embankment Reconstruction - Deer Harbor Rd	O			045	1.95	1.95	\$200,000	Hard shore armoring. (2019-Revise priority to medium)
19	Medium		Road Improvements - Enchanted Forest Rd	O			086	2.18	2.38	\$30,000	Reconstruct roadway to increase road width from Beach Haven to Cramer Lane
20	Medium		Road Improvements - Orcas Rd	O			004	0.30	0.40	\$750,000	Curve Realignment, widen radius to accommodate tractor trailers. Flatten super elevation. Curve west of Orcas Village, AKA Pump House Corner.
21	Medium		Road Improvements - Orcas Rd	O			004	2.50	3.40	\$2,500,000	Reconstruct roadway to include 11' lanes and 4' shoulders. Redesign intersection at Deer Harbor and Pinneo. Schafer's Stretch.
22	High	REV	Trail Construction - Channel Rd	O			093	0.22	0.60	240,000 100,000	Bridge to Spring Point Rd. (2019-revised BMP and priority to Medium) Add phase from Hamlet south?
23	Medium		Trail Construction - Enchanted Forest Rd Phase 3	O			086	0.25	0.90	\$260,000	West portion between Bonnie Brae Ln and Cedar Hill Rd (2019 Revised priority to Medium)
24	Low		Bridge Construction - West Sound Bridge Abutments	O			045	0.70	0.70	\$750,000	West Sound Bridge, repair existing retaining walls.
25	Low		Culvert Replacement - Deer Harbor Rd	O			045	1.93	1.93	\$600,000	Two culverts near each other. Replace simultaneously?
26	Low		Culvert Replacement - Laporte Rd	O			043	0.35	0.35	\$600,000	
27	Low		Culvert Replacement - Point Lawrence Rd	O			063	3.30	3.30	\$200,000	Reshape intersection/curve geometry. At Doe Bay Rd
28	Low		Culvert Replacement - Rosario Rd	O			059	0.10	0.10	\$200,000	

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29	Low	Gravel Road Conversions - Various Locations	O							District 2 scheduled for gravel road conversions in 2022
30	Low	Guardrail Installation - Palisades Dr	O			216	0.10	0.20	\$75,000	Install guardrail in front of outfall structure for lake
31	Low	Road Improvements - Orcas Rd	O			004	4.50	6.00	\$3,500,000	Reconstruct roadway to include 11' lanes and 4' shoulders. Redesign curves and intersection at Dolphin Bay Rd and Hawkins Rd.
32	Low	Storm Drain Improvements - Olga Rd	O			004	16.00	16.16	\$100,000	Tie whole system together.
33	Low	Trail Construction - Deer Harbor Rd	O			045	4.15	4.55	\$400,000	Review start and end points. Complete without acquiring ROW. Community Club Dr to Channel Rd.
34	Low	Trail Construction - Mt Baker Rd	O			058	1.25	2.25	\$440,000	Roadside trail, South side of Mt Baker Rd. Connecting Eastsound (Lover's Ln) to Camp Orkila Rd
35	Low	Trail Construction - Orcas Rd	O			004	2.30	3.30	\$550,000	Separated trail, East side of Orcas Rd. 0.25 miles South of Nordstroms Ln to Eastman Rd

**2020 Priority Array for the 6-Year TIP
District 3 (Lopez, Shaw, Decatur)**

Loc #	Priority	Project Name	Island	TIP	CRP #	RD #	BMP	EMP	Estimated Cost	Notes
1	High	Intersection Improvements - Dill Rd and Fisherman Bay Rd	L	14		108	0.00	0.00	\$300,000	Convert to T-intersection. Grade issues.
2	High	Marine Facility Improvements - Hunter Bay	L	16	031501	125	0.60	0.60	\$250,000	Reconstruct Dock and Float, ramp temporarily repaired in 2018.
3	High	Road Improvements - Center Rd	L	11		005	5.20	5.60	\$1,300,000	Widen curves and flatten supers. Add 4-foot shoulders.
4	High	Road Relocation - Agate Beach County Park Road	L	3	030601	118	1.72	1.91	\$1,000,000	At County Park. Relocate road to back of Agate Beach County Park. Current road is reduced to one lane because of eroding shoreline.
5	High	Trail Construction - Fisherman Bay Rd	L	24		103	2.10	2.70	\$150,000	Widen shoulders or build separate path from Lopez Rd to Normandy Ln. Connect Village to Marina.
6	High	Trail Construction - Lopez Rd	L	19	031701	133	0.00	0.28	\$100,000	Improve & complete existing trail network along Lopez Rd
7	Medium	Guardrail Installation - Blind Bay Rd	Sh			096	0.20	0.85	\$75,000	Road is close to steep shoreline. Sharp curve at MP 0.35.
8	Medium	Intersection Improvements - Center Rd, Mud Bay Rd and Richardson Rd	L			005	7.70	7.70	\$750,000	Improve grade, super elevations and sight distance
9	Medium	Road Improvements - Center Rd	L			005	5.98	6.25	\$300,000	Shoulder, Trail, Drainage. Crosswalks at School Rd and Center Rd intersection. From Dill Rd to School Rd.
10	Medium	Road Improvements - Lopez Sound Rd	L			109	2.70	3.10	\$100,000	Accessibility for Emergency Services. Open/widen for emergency services and year-round access
11	Medium	Road Improvements - Mud Bay Rd	L			114	2.57	2.80	\$100,000	Reclamation. Width, grading and sight distance improvements
12	Medium	Road Improvements - Richardson Rd	L			005	8.70	8.90	\$200,000	Improve grade and drainage. Standing water on road.
13	Low	Culvert and Guardrail Installation - Davis Bay Rd	L			110	2.00	2.10	\$600,000	Includes Culvert Replacement. Ravine is steep and deep. No accidents or incidents.
14	Low	Culvert Replacement - Shark Reef Rd	L			136	1.15	1.15	\$25,000	Research ROW.
15	Low	Gravel Road Conversions - Various Locations	L							District 3 scheduled for gravel road conversions in 2020 and 2023
16	Low	Guardrail Installation - Richardson Rd	L			005	9.60	9.63	\$75,000	Guardrail does not meet current standards. At end of road turn around.
17	Low	Guardrail Installation - Watmough Head Rd	L			124	1.10	1.20	\$50,000	Section of road closest to drop off edge. No accidents or incidents.
18	Low	Intersection Improvement - Davis Bay Rd and Fisherman Bay Rd	L			110	0.76	0.76	\$50,000	Improve turning radius
19	Low	Intersection Improvements - Center Rd and Hummel Lake Rd	L			005	4.02	4.02	\$250,000	Construct long-term improvements.
20	Low	Intersection Improvements - Islandale Rd and Mud Bay Rd	L			117	0.00	0.03	\$50,000	Improve sight distance and turning radius
21	Low	Intersection Improvements - Kjargaard Rd and Richardson Rd	L			112	0.78	0.78	\$50,000	Move Stop sign. Convert to "T" intersection.
22	Low	Intersection Improvements - Lopez Sound Rd and Center Rd	L			107	0.00	0.00	\$50,000	Convert to T-intersection
23	Low	Intersection Improvements - Lopez Sound Rd and Mud Bay Rd	L			109	4.06	4.06	\$50,000	Convert to T-intersection.
24	Low	Intersection Improvements - Lopez Sound Rd and School Rd	L			109	1.04	1.04	\$250,000	Improve sight distance and grade
25	Low	Intersection Improvements - Hummel Lake Rd and Fisherman Bay Rd	L			106	0.00	0.20	\$1,000,000	Improve sight distance and grade

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26	Low	Intersection Improvements - Kjargaard Rd and Fisherman Bay Rd	L			112	0.00	0.00	\$50,000	Convert to T-intersection
27	Low	New Marine Facility - Shaw Island Boat Ramp	Sh			239	0.10	0.10	\$200,000	Neck Point Cove at the end of Harbor Way
28	Low	Road Improvements - Center Rd	L			005	4.60	4.70	\$20,000	Road dips. Improve grade and drainage. Water builds up and causes hydroplaning.
29	Low	Road Improvements - Lopez Village (All Roads)	L						\$3,000,000	Included Trails. Define scope. Break down into individual sections/projects?
30	Low	Road Improvements - Squaw Bay Rd	Sh			097	0.80	2.12	\$100,000	Stabilization and Reclamation
31	Low	Road Relocation - MacKaye Harbor Rd	L			118	1.00	1.72	\$3,100,000	Relocation due to sea level rise. Feasibility study completed in 2017.