

Appendix C. CIP Detailed Scoring Criteria

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Table C.1. City of cosmopolis stormwater comprehensive plan capital improvement plan and prioritization chart

Rank	CIP Project No.	PROJECT	PLANNED START YEAR	ESTIMATED TOTAL PROJECT DURATION (MONTHS)	EST. TOTAL PROJECT COST (\$)¹.	LOCATION (NORTHING/EASTING)	ADDRESS OR LOCATION DESCRIPTION	PROJECT SUMMARY DESCRIPTION
1	COSI-SW-2026-001	Mill Creek Tide Gate Study and Design	2028	20	\$769,300	822746.2, 610330.8	Mill Creek Upstream of the Chehalis River Confluence	Tide gate study with H&H modeling, survey, alternatives analysis to mitigate inland flooding, and concept design for cost estimates. Preliminary design would be included.
2	COSI-SW-2026-002	Mill Creek Tide Gate Improvements	2029	14	\$4,172,800	822746.2, 610330.8	Mill Creek Upstream of the Chehalis River Confluence	Mill Creek tide gate improvements
3	COSI-SW-2026-003	Mill Creek Alenau St., H St., & G St. Culvert Crossing Replacement	2030	30	\$8,998,300	Alenau St: 822746.2, 610330.8 H St: 822112.8, 608535.6 G St: 822315.2, 608318.8	Mill Creek culverts crossing Alenau St., H St., and G St.	Replace and upsize culverts to mitigate upland flooding from Mill Creek
4	COSI-SW-2026-004	Mill Creek F St., E St.& C St. Culvert Crossing Replacement	2035	30	\$8,681,600	F St: 822426.8, 608012.3 E St: 822375.9, 607602.8 C St: 822823, 607184.6	Mill Creek culverts crossing at F St., E St., and C St.	Replace and upsize culverts to mitigate upland flooding from Mill Creek
5	COSI-SW-2026-005	F St. NE of 1st St. Flooding & E St. Outfall Improvements	2036	18	\$1,986,400	824153.1, 608923.2	Northeast of F Street/1st Street to the E Street Outfall	Replace broken pipe under 1st Street Mini-Mart parking lot and upsize several pipes near E Street outfall to mitigate flooding
6	COSI-SW-2026-006	J St. at 4th St. Flooding & 2nd St. Outfall Improvements	2038	18	\$3,408,700	822519.3, 610070.7	Southwest of J Street and 1th Street to the 2nd Street Outfall	Upsize several pipes near 2nd Street outfall and along J Street to mitigate flooding



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Table C-2. CIP prioritization scoring lookup

Flooding	Flooding Score	Regulatory Drivers ¹	Regulatory Score	Environmental	Environmental Score	Other	Other Score	Raw Score
Critical	4	Critical	4	High	3	N/A	0	2.83
Critical	4	Critical	4	Moderate	2	N/A	0	2.67
Critical	4	High	3	Moderate	2	N/A	0	2.50
High	3	Moderate	2	Moderate	2	N/A	0	2.00
Moderate	2	N/A	0	Low	1	N/A	0	1.17
Moderate	2	N/A	0	Low	1	N/A	0	1.00

Table C-3. CIP prioritization scoring criteria descriptions

SCORING CRITERIA DESCRIPTIONS		
CATEGORY	SCORE	DESCRIPTION
Reliability	Critical	Failure may be imminent and construction scheduled as soon as possible.
	High	Frequent maintenance with planned replacement or major repair/O&M costs within 2-5 years.
	Moderate	Elevated maintenance costs/concerns with planned replacement or major repair/O&M costs within 5-15 years
	Low	Planned replacement or repairs within +15 years.
	N/A	Not applicable or costs are outside of 50 year window.
Capacity Constrained	Critical	Severe constraint that affects more than one area and/or elevated concerns for damage to infrastructure/property. Replacement to be schedule as a priority.
	High	Deficiency affects neighborhood and/or elevated concerns for damage to infrastructure/property
	Moderate	Localized deficiency
	Low	Minimal capacity concerns or capacity needs outside of +20 year window
	N/A	Not applicable
Flooding	Critical	Multiple neighborhood flooding or potential high damage costs due to flooding.
	High	Neighborhood flooding concerns
	Moderate	Localized flooding concerns
	Low	Minimal flooding concerns
	N/A	Not applicable

SCORING CRITERIA DESCRIPTIONS		
CATEGORY	SCORE	DESCRIPTION
Regulatory Drivers	Critical	Immediate risk to 1. Managed permit water quality order (WQO), < 5-year repeat combined sewer overflows (CSO)s, 2. lower-watershed fish barrier, 3. Mandate from National Pollutant Discharge Elimination System (NPDES), permit 4. Legal action or Labor and Industries (L&I)
	High	Ongoing risk to: 1. managed permit, < 10-year repeat CSOs 2. Mid-watershed fish barrier 3. Known employee safety hazard (non-mandatory)
	Moderate	Minor risk to: 1. Managed permit, < 20-year repeat CSOs 2. Upper-watershed fish barrier 3. Low-risk update in safety Codes
	Low	Low risk for managed permit
	N/A	Not applicable.
Environmental	Critical	Arterial runoff WQ improvement, or relocates/removes pipe from stream/wetland, or major stream/riparian enhancement
	High	Collector runoff WQ, eliminates septic system(s), replaces pipe/facility in fish-bearing stream/wetland, moderate stream/riparian enhancement
	Moderate	Local street WQ improvement, or replaces pipe/facility in a non-fish-bearing stream/wetland, or minor stream/riparian enhancement
	Low	Limited or localized improvement or improvement in a non-fish bearing area.
	N/A	Not applicable or does not present improvement to water body.
Other	Critical	
	High	
	Moderate	
	Low	
	N/A	Not applicable

Table C-4. WDFW identified fish passage within project vicinity

WASHINGTON STATE WDFW FISH PASSAGE																						
OBJECTID	Road Name	Easting	Northing	Feature Type	Stream Name	Tributary To Name	Fish Use	Fish Use Criteria	Barrier?	Barrier Reason	Percent Passable	Owner Type	Data Source	Survey Date	Lineal Gain	Priority Index Total	Potential Species	Barrier Correction Years	Significant Reach?	Total Passage Summary Report	WRIA Number	SiteID
16752	Dike Rd (aka Altheau St)	822746.2	610330.8	Culvert	Mill Cr	Chehalis R	Yes	Mapped	Yes	Tidegate	0	City	Lewis Co Conservation District	3/21/2006			Coho, Steelhead, SR Cutthroat, Resident Trout		Unknown	https://fortress.wa.gov/dfw/public/fishpassagephotos/reports/125%201709W14G_Report.pdf	22	125 1709W14G
16603	G St	822315.2	608318.8	Culvert	Mill Cr	Chehalis R	Yes	Mapped	Yes	Slope	33	City	Washington Department of Fish and Wildlife	7/24/2017			Coho, Steelhead, SR Cutthroat, Resident Trout		Yes	https://fortress.wa.gov/dfw/public/fishpassagephotos/reports/125%201709W14D_Report.pdf	22	125 1709W14D
16565	E St	822375.9	607602.8	Culvert	Mill Cr	Chehalis R	Yes	Mapped	Yes	Depth	33	City	Washington Department of Fish and Wildlife	8/7/2017			Coho, Steelhead, SR Cutthroat, Resident Trout		Unknown	https://fortress.wa.gov/dfw/public/fishpassagephotos/reports/125%201709W14B_Report.pdf	22	125 1709W14B
16544	Mill Cr Dr (aka C Street)	822823	607184.6	Culvert	Mill Cr	Chehalis R	Yes	Mapped	Yes	Slope	33	City	Washington Department of Fish and Wildlife	8/7/2017			Coho, Steelhead, SR Cutthroat, Resident Trout		Yes	https://fortress.wa.gov/dfw/public/fishpassagephotos/reports/125%201709W14A_Report.pdf	22	125 1709W14A



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