



## 2020 -2025 CAPITAL FACILITIES PLAN

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### EXECUTIVE SUMMARY

The draft 2020-2025 Capital Facilities Plan (CFP) reflects the following funding priorities for 2020:

- Harvard Road Bridge Widening & Ramp Improvements/ Henry Road Bridge;
- Trailhead Master Plan;
- Public Works Yard;
- Network Analysis & Corridor Study;
- Critical Asset Management for Parks & Public Facilities; and,
- Transportation Improvement Board (TIB) Grant Projects.

These priorities are consistent with the City's Strategic Plan, and priorities established by City Council in 2018.

All cost estimates within this draft CFP reflected the full cost of design, ROW acquisition (where applicable), construction, inspection, and contingency. This CFP was developed utilizing the adopted 2019-2024 Capital Facilities Plan, with modifications as based upon the approved 2020-2025 Transportation Improvement Plan, and updated cost information, where available. Asset Management Projects for Parks & Public Facilities reflect funding for specific maintenance projects identified in the asset management software, with prioritized maintenance projects front-loaded in 2020 to protect the City's existing investments. Utilities and Transportation Capital Projects by Others were updated, based upon input from Liberty Lake Water & Sewer District, and Greenstone.

The signal at the entrance to CVSD High School, and the Liberty Lake Road overlay are anticipated to receive TIBs grants in 2020, to cover 70% of the costs identified in CFP. Liberty Lake Road overlay will only be completed if TIB grant funding is approved.

Harvard Road Bridge Widening & Ramp Improvements was combined with Henry Road Bridge, consistent with the funding requirements, and reflect the full cost of the project. The Network Analysis required for updating the Harvard Road Impact Fees in 2020 is proposed to be combined with Country Vista Corridor Study, given the timing of the Corridor Study, to create an economy of effort, as well as potential cost savings. Projects that have been or will be completed in 2019 were removed, while ongoing projects with funding that will roll over into 2020 remain. The timing for some projects have been adjusted to accommodate identified priorities, given staffing levels and capacity.

Changes to the 2019-2024 CFP or the 2020-2025 TIP are identified by red text. Potential new projects, as have been identified by staff, the Mayor, individual Councilmembers, and members of the public, are highlighted in purple for further discussion.

Project descriptions are contained in Attachment A. A summary of the Asset Management Facility Projects is detailed in Attachment B. Note that Attachment B lists only equipment costs. The CFP includes engineering costs, taxes, and contingency where applicable.

**CITY OF LIBERTY LAKE CAPITAL FACILITIES PLAN, 2020 - 2025 PROJECT LIST**

2019 Project No.	PROJECT NAME/ LOCATION	PROJECT TOTAL (ALL YEARS)	Current Year 2019	2020	2021	2022	2023	2024	2025
<b>PARKS &amp; PUBLIC FACILITIES CAPITAL PROJECTS<sup>1</sup></b>									
1	Trailhead Facility Master Plan	\$ 100,000	\$100,000	Rollover amount TBD					
2	Trailhead Facility Upgrades	TBD							
3	Public Works Yard Development (rollover \$275,000 from 2019)	\$ 1,510,000	\$150,000	\$700,000	\$360,000	\$300,000			
4	Rocky Hill Park Shade Structure	\$ 20,000			\$20,000				
5	Rocky Hill Parking Lot Expansion	TBD							
6	Rocky Hill Park Splash Pad	\$ 180,000							
7	Town Square Master Plan	\$ 75,000			\$75,000				
8	Town Square Park Expansion	TBD							
9	Fallen Heroes Circuit Course- Orchard Park	\$ 70,000			\$70,000				
10	Sound System for Orchard Park Pavillion	\$ 20,000			\$20,000				
11	Orchard Park Community Gardens	\$ 35,000							
12	Library Facility Upgrades	TBD							
13	Public Art (\$7000 rolled over from 2019 into 2020)	\$ 266,000		\$68,500	\$64,500	\$66,500	\$66,500	TBD	
14	Kiosks	\$ 150,000				\$50,000	\$50,000	\$50,000	
15	River District Community Message Board	\$ 20,000				\$20,000			
16	Dog Park	TBD							
17	Expand City Hall Meeting Room into Covered Porch	TBD							
18	Golf Cart Charging Stations at City Facilities	TBD							
19	Council Chamber Recording Hardware	\$ 38,345		\$30,845					\$7,500
	<b>TOTALS</b>	<b>\$ 2,484,345</b>		<b>\$ 799,345</b>	<b>\$ 609,500</b>	<b>\$ 436,500</b>	<b>\$ 116,500</b>	<b>\$ 50,000</b>	<b>\$ 7,500</b>
<b>PARKS &amp; PUBLIC FACILITIES ASSET MANAGEMENT</b>									
A-1	Pavillion Park Improvements (rollover 2019 funds for irrigation)	\$ 340,000	\$0	\$265,000	\$15,000	\$15,000	\$15,000	15000	\$15,000
A-2	Rocky Hill Park Improvements	\$ 21,000	\$3,000	\$3,000	3000	\$3,000	\$3,000	\$3,000	\$3,000
A-3	Trailhead Improvements	TBD							
A-4	Orchard Park Improvements	\$ 41,000		\$41,000					
A-5	Town Square Improvements	\$ 21,000	\$3,000	\$3,000	3000	3000	3000	3000	3000
A-6	Liberty Lake Ball Field Improvements	\$							
A-7	City Hall Building Improvements	\$ 350,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
A-8	Library Building /Police Station Improvements	\$ 777,700	\$90,000	\$237,700	90000	\$90,000	90000	90000	\$90,000
A-9	Public Works Yard Maintenance	\$							
	<b>TOTALS</b>	<b>\$ 1,550,700</b>		<b>\$ 599,700</b>	<b>\$ 161,000</b>	<b>\$ 161,000</b>	<b>\$ 161,000</b>	<b>\$ 161,000</b>	<b>\$ 161,000</b>
<b>TRANSPORTATION CAPITAL PROJECTS<sup>1,2</sup></b>									
20	Harvard Rd Bridge Widening/ I-90 Westbound On-Ramp/Henry Road Overpass	\$ 17,250,000	\$800,000	\$4,325,000	\$7,800,000	\$4,325,000			
21	Country Vista & Legacy Ridge Intersection Improvements	\$ 575,000		\$115,000	\$460,000				
22	Country Vista Operational/Traffic Calming Improvements	Scott to provide cost estimate					design \$	construction \$	
23	Country Vista & Mission Intersection Improvements	\$ 575,000			\$115,000	\$460,000			
24	Country Vista & Appleway Intersection Improvements	\$ 160,000				\$40,000	\$120,000		
25	Appleway Improvements - Fairway to E City Limits	\$ 2,200,000				\$200,000	\$2,000,000		
26	Mission Ave Frontage Improvements - Southside, City Limits east to Glenbrook	\$ 750,000						\$50,000	\$700,000
27	Network Analysis Update & Corridor Study	\$ 100,000	\$25,000	\$75,000					
28	Signal - CVSD HS Main Entrance	\$ 575,000		\$115,000	\$460,000				
29	Smart Signal Control	\$ 35,000		\$35,000					
	<b>TOTALS</b>	<b>\$ 22,220,000</b>		<b>\$ 4,665,000</b>	<b>\$ 8,835,000</b>	<b>\$ 5,025,000</b>	<b>\$ 2,120,000</b>	<b>\$ 50,000</b>	<b>\$ 700,000</b>

2019 Project No.	PROJECT NAME/ LOCATION	PROJECT TOTAL (ALL YEARS)	Current Year 2019	2020	2021	2022	2023	2024	2025
<b>TRANSPORTATION ASSET MANAGEMENT</b>									
A-10	Annual Residential Street Maintenance Allocation	\$ 1,850,000	\$50,000	\$50,000	\$550,000	\$50,000	\$550,000	\$50,000	\$550,000
A-11	Liberty Lake Road Maintenance- Sprague Avenue to Country Vista Drive	\$ 840,000		\$840,000					
A-12	Mission - Country Vista to Molter- Grind and Overlay	\$ 400,000				\$400,000			
A-13	Sprague Avenue Overlay	\$ 1,126,500						\$1,126,500	
<b>TOTALS</b>		<b>\$ 4,216,500</b>		<b>\$ 890,000</b>	<b>\$ 550,000</b>	<b>\$ 450,000</b>	<b>\$ 550,000</b>	<b>\$ 1,176,500</b>	<b>\$ 550,000</b>
<b>TRAILS &amp; PEDESTRIAN PATHWAYS<sup>1</sup></b>									
30	Annual Pedestrian Crossing Allocation	\$ 305,000	\$40,000	\$65,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
31	Trail Lighting Master Plan	\$ 25,000				\$25,000			
32	Pedestrian Trail -Selkirk MS to HUB	\$ 150,000							\$150,000
33	Sidewalk Improvements -Madson, from Mission to Appleway	\$ 280,000				\$280,000			
34	Sidewalk Improvements-Mission Ave , Northside, west of Harvest Parkway Roundabout	\$ 466,200	\$291,200	\$175,000					
35	Sidewalk Master Plan	\$ 25,000		\$25,000					
<b>TOTALS</b>		<b>\$ 305,000</b>		<b>\$ 65,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>
<b>FLEET EQUIPMENT</b>									
36	12M Grader lease	\$ 269,810	\$ 34,905	\$ 34,905	\$ 200,000				
37	926M Loader X2	\$ 323,098	\$ 31,549	\$ 31,549	\$ 260,000				
38	305 Mini Ex	\$ 66,382	\$ 9,191	\$ 9,191	\$ 48,000				
39	Street Sweeper	\$ 300,000			\$ 300,000				
40	Scag Zero	\$ 15,000		\$15,000					
41	Freighliner	\$ 250,000					\$250,000		
42	5 Yard Sand/Salt Spreader	\$ 50,000		\$50,000					
43	14K Tilt Deck Trailer	\$ 10,000		\$10,000					
<b>TOTALS</b>		<b>\$1,284,290</b>		<b>\$150,645</b>	<b>\$808,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>
<b>FLEET EQUIPMENT ASSET MANAGEMENT</b>									
A-14	JD Aercore 1500 Tractor Mount Aerator	\$ 12,000	\$	12,000					
A-15	Pickup	\$ 50,000		\$ 50,000					
A-16	Pickup	\$ 50,000				\$50,000			
A-17	Kubota RTV with plow blade	\$ 28,000		\$ 28,000					
A-18	Pickup	\$ 50,000					\$ 50,000		
A-19	Pickup	\$ 60,000				\$60,000			
A-20	Zero Turn	\$ 15,000			\$ 15,000				
A-21	Zero Turn	\$ 15,000			\$ 15,000				
A-22	Turfcat	\$ 25,000			\$ 25,000				
A-23	Gator	\$ 18,000			\$ 9,000		\$ 9,000		
A-24	Gator	\$ 18,000			\$ 9,000		\$ 9,000		
A-25	Gator						\$ 9,000		
A-26	Toro ReelMaster 3250D	\$ 45,000				\$ 45,000			
A-27	JD 2500A	\$ 45,000				\$ 45,000			
A-28	Club Car Golf Picker	\$ 18,000		\$18,000					
A-29	Totro Reclmaster 5410D Fairways						\$70,000		
<b>TOTALS</b>		<b>\$ 449,000</b>	<b>\$</b>	<b>\$ 108,000</b>	<b>\$ 73,000</b>	<b>\$ 200,000</b>	<b>\$ 77,000</b>	<b>\$</b>	<b>\$</b>

2019 Project No.	PROJECT NAME/ LOCATION	PROJECT TOTAL (ALL YEARS)	Current Year 2019	2020	2021	2022	2023	2024	2025
	<b>COMPUTER EQUIPMENT ASSET MANAGEMENT</b>								
A-30	INSPECTOR1-2013 (Rudy)	\$ 1,600	\$800						\$800
A-31	INSPECTOR2-2013 (Wayne)	\$ 1,600	\$800						\$800
A-32	JOANN-2014 (Barbara)	\$ 800		\$800					
A-33	INSPECTOR2014 (Chris)	\$ 800			\$800				
A-34	PLANNER HP 2015 (Laptop)	\$ 800				\$800			
A-35	CITY099-2017 (Lisa)	\$ 800				\$800			
A-36	COLL-18-PLAN (Kelsey)	\$ 800					\$800		
A-37	COLL-18-SCOTTB (Scott)	\$ 800						\$800	
A-38	LLL-MICHELLE	\$ 1,600	\$800						\$800
A-39	LLL-JOANNE	\$ 1,600	\$800						\$800
A-40	LLL-WORKROOM	\$ 800		\$800					
A-41	LLL-RONDA	\$ 800		\$800					
A-42	LLL-JOCELYN	\$ 800			\$800				
A-43	LLL-CHECKOUT	\$ 800					\$800		
A-44	LLL-DELAIN	\$ 800					\$800		
A-45	LLL-GEORGETTE	\$ 800						\$800	
A-46	LLL-JANDY	\$ 800						\$800	
A-47	POLCHIEF-2013	\$ 2,000	\$1,000						\$1,000
A-48	POLICE-2013	\$ 2,000	\$1,000						\$1,000
A-49	LLPD-PC03	\$ 1,000		A-20	\$1,000				
A-50	LLPD-PC05	\$ 1,000			\$1,000				
A-51	LLPD-PC06	\$ 1,000				\$1,000			
A-52	LLPD-PC07	\$ 1,000				\$1,000			
A-53	LLPD-PC08	\$ 1,000				\$1,000			
A-54	LLPD-PC09	\$ 1,000		\$1,000					
A-55	LLPD-PC10	\$ 1,000		\$1,000					
A-56	LLPD-PC11	\$ 2,000	\$1,000						\$1,000
A-57	LLPD-PC12	\$ 2,000	\$1,000						\$1,000
A-58	POLICE11	\$ 1,000		\$1,000					
A-59	POLICE12	\$ 1,000			\$1,000				
A-60	IRRIGATION-PC (Break Room Shop)	\$ 1,600	\$800					\$800	
A-61	LB-14-JOY (Joice)	\$ 1,600	\$800						\$800
A-62	MGRIFIN-PC (Engineering Intern)	\$ 1,600	\$800						\$800
A-63	SHOP001-PC (Mic Curry)	\$ 800		\$800					
A-64	SEASONAL-2013 (Break Roomk Shop)	\$ 800		\$800					
A-65	LL-14-SHOP (Jeff Nelson)	\$ 800		\$800					
A-66	COLL-18-SUR1 (Stephen Williams)	\$ 800			\$800				
A-67	COLL-18-SUR2 (Trevor Ragan)	\$ 800			\$800				
A-68	COLL-18-SUR3 (Trevor Slocum)	\$ 800				\$800			
A-69	COLL-18-FRONT1 (Tait Hunter)	\$ 800				\$800			
A-70	COLL-18-JCAMP (Jen)	\$ 800					\$800		
A-71	COLL-17-SUR3 (Zach Sherman)	\$ 800					\$800		
A-72	COLL-16-LAPTOP (Ryan Rapp)	\$ 800			\$800				
A-73	COLL18-PROSHOP1	\$ 800				\$800			
A-74	COLL18-PROSHOP2	\$ 800					\$800		
A-75	COLL18-TRAILSRV	\$ 800						\$800	
A-76	DESKTOP-9RP235Q (Ryan Rapp Tablet)								
A-77	COLL-19-SUR1 (Anita)								
A-78	TOUGHPAD (Field Computer)								
A-79	COLL-19-Seasonal (Breakroom)								
A-80	ADMIN001-PC	\$ 1,600		\$800				\$800	
A=81	CITYADMN2012	\$ 1,600		\$800				\$800	
A-82	RJ-2014	\$ 1,600	\$800						\$800

2019 Project No.	PROJECT NAME/ LOCATION	PROJECT TOTAL (ALL YEARS)	Current Year 2019	2020	2021	2022	2023	2024	2025
A-83	ANN-2014	\$ 1,600	\$800						\$800
A-84	COLL-17-NUC	\$ 800			\$800				
A-85	COLL-17-ACCT1	\$ 800			\$800				
A-86	COLL-17-DESK1 (Ryan Rapp)	\$ 800				\$ 800			
A-87	LL-15-MAYOR	\$ 800		\$800					
A-88	COLL-17-CSUR1	\$ 800				\$800			
A-89	COLL-17-CSUR3	\$ 800				\$800			
A-90	COLL-17-CSUR4	\$ 800				\$800			
A-91	COLL-17-CSUR5	\$ 800				\$800			
A-92	COLL-17-CSUR6	\$ 800				\$800			
A-93	COLL-17-CSUR7	\$ 800				\$800			
A-94	COLL-17-CSUR8	\$ 800				\$800			
<b>TOTALS</b>		<b>\$ 64,200</b>		<b>\$ 10,200</b>	<b>\$ 8,600</b>	<b>\$ 13,400</b>	<b>\$ 4,800</b>	<b>\$ 5,600</b>	<b>\$ 10,400</b>

<b>UTILITIES-CAPITAL PROJECTS BY OTHERS</b>									
44	River District - Indiana Ave. Sewer (Trutina Development - Harvard Rd. to east of Harvard Rd.)	\$ 100,000		\$100,000					
45	River District - Indiana Ave. Water (Trutina Development - Harvard Rd. to east of Harvard Rd.)	\$ 150,000		\$150,000					
46	River District - Indiana Ave. Sewer (Bitterroot to Harvard Rd)	\$ 65,000		\$65,000					
47	River District - Indiana Ave. Water (W. Of Harvard Rd. to W. Boundary of Courtyard Plat 2013.PI0002)	\$ 65,000		\$65,000					
48	River District - Sewer Lift Station, Force Main, & Other Associated Improvements	TBD							
49	River District - Telido Station Offsite Sewer	TBD							
50	River District - Telido Station Offsite Water Main	TBD							
51	River District - Wellington St. Sewer	TBD							
52	River District - Wellington St. Water	TBD							
53	Underground Utility Program (Liberty Lake Rd., Molter Rd., Mission Ave.)	\$ 175,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
<b>TRANSPORTATION CAPITAL PROJECTS BY OTHERS<sup>2</sup></b>									
54	Harvard Rd & Indiana Ave Intersection Improvements	\$ 1,600,000		\$400,000	\$1,200,000				
55	Harvard Road & Wellington Roundabout	\$ 750,000			\$187,500	\$562,500			
56	Mission Improvements - Harvest. Parkway east to Corrigan Road	\$ 1,350,000		\$250,000	\$1,100,000				
57	Indiana Ave. (Trutina Development - Harvard Rd. to east of Harvard Rd.)	\$ 600,000		\$600,000					
58	Indiana Ave. Water (Bitterroot to Harvard Rd.)	\$ 750,000		\$750,000					
59	Transit Parking	\$ 5,000,000				\$ 2,500,000	\$ 2,500,000		
60	Cataldo Extension & Connection	\$ 2,400,000		\$ 900,000	\$ 1,500,000				
61	Henry Road Improvements - Sprague to Country Vista Dr	\$ 2,013,000		\$ 2,013,000					
62	Indiana Ave Construction - Glenbrook Rd to East Of Harvard Rd	\$ 2,886,000	\$ 721,500	\$ 2,164,500					
<b>TOTALS</b>		<b>\$ 17,349,000</b>		<b>\$ 7,077,500</b>	<b>\$ 3,987,500</b>	<b>\$ 3,062,500</b>	<b>\$ 2,500,000</b>		

General Note: All costs are listed in 2020 dollars

<sup>1</sup> Listed in order of 2018 Council priority

<sup>2</sup> Projects included in the Transportation TIP, 2020- 2025, adopted June 18, 2019

**COLOR LEGEND**

BLUE = CAPITAL PROJECTS
RED=ASSET MANAGEMENT PROJECTS
GREEN= CAPITAL PROJECTS BY OTHERS
YELLOW=COUNCIL AMENDMENTS

**ATTACHMENT B**

**Asset Management Facility Summary**

Asset: Name	Brief Description	Commentary	Overall Condition	Action: Description	Urgency of Action	Cost	Priority
City Hall - Little House	No battery smoke detectors.	Need to install smoke detectors immediately.	Critical	Install Battery smoke detectors.	Urgent	\$ 1,000	High
City Hall - Main Building	Wood framed structure.	Structural issues with the middle of the building. The floor feels soft and is sagging which is causing cracked ceramic tiles.	Poor	Study and repair structural issues.	Urgent	\$ 43,240	High
Library	Standalone thermostats for each AHU.	Planning to change out to the Nest soon.	Poor	Replace thermostats.	High	\$ 27,696	High
Public Safety	Restroom exhaust fans.	Were not running in men's.	Good	Repair exhaust fans in men's.	High	\$ 2,527	Medium
*Public Safety	Solar power battery backup system.	System is not currently working.	Critical	Repair solar battery back-up system.	Urgent	\$ 120,000	Urgent
Public Safety/Library - Site	Asphalt parking lot.	Parking lot is original. Approaching the end of expected useful life.	Poor	Repave parking lot.	High	\$ 80,677	High
Public Safety/Library - Site	Asphalt parking lot.	Surface is original and in need of renewal. Parking lot is reported to be over capacity and should be expanded	Poor	Repave parking lot.	High	\$ 80,677	High
Public Safety/Library - Site	HPS exterior building mounted lighting.	Should be replaced with LEDs for energy saving.	Poor	Upgrade exterior lighting.	High	\$ 4,500	High
Trailhead Golf Course - Main Building	Concrete foundation.	There is some water infiltration on the front portion of the building which has caused some water damage and needs to be resolved.	Poor	Study and repair foundation.	Urgent	\$ 31,000	High
Trailhead Golf Course - Main Building	Stucco exterior wall finish.	Finish is original and needs repair.	Poor	Replace stucco wall finish.	High	\$ 17,691	High
Trailhead Golf Course - Main Building	Lava rock exterior wall finish.	Finish is original and needs repair.	Poor	Repair exterior lava rock wall finish.	High	\$ 3,000	High
Trailhead Golf Course - Main Building	Double pane metal frame windows.	Majority of windows are original and leaky.	Critical	Replace windows.	Urgent	\$ 45,055	High
Trailhead Golf Course - Main Building	1 roll-up door.	Door is original.	Critical	Replace roll-up door.	Urgent	\$ 9,158	High
Trailhead Golf Course - Main Building	Asphalt shingle roof and membrane. Membrane is from the end cap to about 3 ft up towards the ridge on both side of ridge.	Roof was replaced in 2016, but there are some drainage issues that need to be resolved in 2 spots.	Good	Repair roof and resolve drainage issues.	High	\$ 5,527	Medium
Trailhead Golf Course - Main Building	(2) sets of interior carpeted stairs.	Carpeting is probably original and in need of replacement.	Poor	Replace stair carpet finish.	High	\$ 7,400	High
Trailhead Golf Course - Main Building	(3) restrooms with standard plumbing fixtures.	Majority of plumbing fixtures are original in need of replacement.	Poor	Replace restroom plumbing fixtures.	High	\$ 43,414	High
Trailhead Golf Course - Main Building	Copper interior piping.	Piping has ongoing leaks throughout.	Poor	Replace domestic water piping.	High	\$ 17,535	High
Trailhead Golf Course - Main Building	Galvanized sanitary waste piping.	Piping has ongoing leaks throughout. Many repairs have been conducted since 2015.	Poor	Replace sanitary waste water piping.	High	\$ 16,883	High
Trailhead Golf Course - Main Building	Swamp cooler for the kitchen.	This is a portable unit for the Kitchen.	Poor	Replace swamp cooler.	High	\$ 3,587	High
Trailhead Golf Course - Main Building	Single thermostat.	Problems with temperature reported. The Pro Shop is always hotter or colder than the rest of the building.	Poor	There is a new Nest Thermostat. Issue of hot/cold may rest in the thermostat location. Also may want to look upgrading HVAC as a solution to hot/cold issue.	High	\$ 3,492	High
Trailhead Golf Course - Main Building	Main electrical system.	System is over capacity and outdated.	Poor	Replace main electrical equipment.	High	\$ 19,464	High
Trailhead Golf Course - Main Building	No battery smoke detectors.	Unable to locate. Was in yellow spot in picture.	Critical	Upgrade fire alarm system - New battery smoke detectors	Urgent	\$ 500	Urgent
Trailhead Golf Course - Main Building	Decommissioned security system.	System was removed but wiring still exists.	Poor	Install new security system.	High	\$ 5,150	High
Trailhead Golf Course - Site	Wood benches, railing on backside of building, wood deck on upper level	Study the structural integrity of the deck.	Poor	Study structural integrity of wood deck.	Urgent	\$ 5,000	High

\*Not repairing solar. Adding a new generator - \$147k.

**ATTACHMENT A**  
**2020-2025 CAPITAL FACILITIES PLAN**  
**PROJECT DESCRIPTIONS**

**Parks & Public Facilities Capital Projects**

**Trailhead Facility Master Plan:** Master Plan to determine future capital improvements at Trailhead. Steering Committee is currently reviewing submittals, and scheduling consultant interviews. Contract is anticipated to be approved by City Council in October, with the planning process expected to continue into 2020.

**Trailhead Facility Upgrades:** Placeholder for Trailhead Facility upgrades, as may be identified through the master planning process. If no action is recommended, critical maintenance will need to be completed as indicated in “Trailhead Improvements” under Parks & Public Facilities Asset Management.

**Public Works Yard Development:** Survey, clearing, grading, and permanent fencing to be completed in 2019. Permanent lighting, sidewalk, road widening, street trees & landscaping, paving, water & sewer, anticipated to be completed in 2020. Building anticipated to be constructed in 2021-2022.

**Rocky Hill Park Shade Structure:** City Council approved replacing the Rocky Hill Splash Pad, with a shade structure in the 2019-2024 CFP, due to cost and difficulties in permitting under new regulations. The shade structure was originally proposed to be purchased and installed in 2019, but is proposed to be rolled over in the 2020 budget.

**Rocky Hill Parking Lot Expansion:** Proposed expansion of the parking lot at Rocky Hill Park added for Council discussion. This project was not funded in the 2019-2024 CFP.

**Rocky Hill Park Splash Pad:** Proposed for possible reconsideration in the current CFP. Based on a 3,000 square foot design, the cost for design and construction with contingency is estimated at \$180,000. If City Council wishes to move forward with this project, it needs to determine what year and whether or not this replaces the Rocky Hill Park Shade Structure.

**Town Square Master Plan:** Given status of Trailhead Master Plan and other 2020 priority projects, staff recommends pushing this project out until at least 2021.

**Town Square Park Expansion:** Placeholder for Town Square Park Improvements and expansion, as may be identified through the master planning process.

**Fallen Heroes Circuit Course- Orchard Park:** Approved in the 2019-2024 CFP for design and installation in 2020. Proposed to be pushed out to 2021 to accommodate 2020 priorities.

**Sound System for Orchard Park Pavilion:** Staff recommendation for purchase and installation of sound system (similar to Pavillion Park sound system).

**Orchard Park Community Gardens:** Staff recommendation for installation at Orchard Park. Need to identify year of construction.

**Library Facility Upgrades:** Placeholder for Library facility improvements as may be identified in the Library needs assessment. If no action is recommended, critical maintenance will need to be completed as indicated in “Library Facility Improvements” under Parks & Public Facilities Asset Management.

**Public Art:** Funding proposal as recommended by the Parks & Art Commission.

**Kiosks:** Electronic public information kiosks to be piloted at Pavillion Park, the Library and Orchard Park. Staff recommends pushing out. Estimated cost is \$50,000 per kiosk. When funded, City will also need to incorporate funding for software maintenance in the operating budget.

**River District Community Message Board:** Location in River District to be determined.

**Dog Park:** Added for Council consideration, based upon a petition submitted to City Council. If funded, staff recommends putting funds for siting and design in one year, with construction funding for construction in the following year.

**Expand City Hall Meeting Room:** Proposed expansion of Council Chambers by enclosing the covered deck. The project was added for Council discussion; it was not funded in the 2019-2024 CFP.

**Golf Cart Charging Stations:** The addition of golf cart charging stations at unspecified City-owned facilities was added for Council discussion; it was not funded in the 2019-2024 CFP.

**Council Chamber Recording Hardware:** Equipment to allow the recording and posting of City Council & Commission meetings on the City’s webpage. In addition to the hardware cost, annual software licensing fees would need to be reflected in the City’s operating budget.

**Parks & Public Facilities Asset Management:** Asset management budgets for each of the public facilities listed below are based on the identified maintenance items from the asset management assessments, and as recommended by the asset management software. 2020 budgeted items reflect the prioritized maintenance items identified. See Attachment B, Asset Management Facility Summary for 2020. Note that Attachment B lists only equipment costs. The CFP includes engineering costs, taxes, and contingency where applicable.

- Pavillion Park Improvements
- Rocky Hill Park Improvements
- Trailhead Improvements
- Orchard Park Improvements
- Town Square Improvements
- Liberty Lake Ball Field Improvements
- City Hall Building Improvements



- Library Building Improvements
- Police Station Building Improvements
- Library / PD Site
- Public Works Yard Maintenance

### **Transportation Capital Projects**

**Harvard Rd Bridge Widening/ I-90 Westbound On-Ramp/Henry Road Overpass:** Combines Harvard & Henry Roads, as state funding is intertwined, and depends on credits for ROW, etc. While timing of project is dependent on acquisition of County ROW and execution of contract with WSDOT, generally, design for Harvard Road Bridge widening will be completed by December, 2019, and is anticipated to go out for bid in February, 2020, with construction starting in July 2020 an extending into 2022. Henry Road Bridge design begins in 2020 with construction in 2021 & 2022. Note that CFP costs for this project reflect combined City-State costs.

**Country Vista & Legacy Ridge Intersection Improvements:** Intersection improvements to include design, construction, inspection and contingency, for intersection improvements to be determined by the Network Analysis and Corridor Study.

**Country Vista Operational/Traffic Calming Improvements:** Improvement costs to include design construction, inspection and contingency, traffic calming and operational corridor improvements to include landscape islands, pedestrian crossings, as may be identified in Network Analysis and Corridor Study, and repavement of Country Vista Drive, from Liberty Lake Road west to the City limits.

**Country Vista & Mission Intersection Improvements:** Intersection improvements to include design construction, inspection and contingency, for intersection improvements to be determined by the Network Analysis and Corridor Study.

**Country Vista & Appleway Intersection Improvements:** Intersection improvements to include design, construction, inspection and contingency, for the addition of a right turn lane.

**Appleway Improvements - Fairway to E City Limits:** Improvement costs to include design, construction, inspection and contingency, for road widening, sidewalks, swales, and street trees along frontages not subject to developer improvements, and the addition of medians consistent with Appleway Avenue's aesthetic corridor designation.

**Mission Ave Frontage Improvements - Southside, City Limits east to Glenbrook:** Acquisition of right-of-way, and design, construction, inspection and contingency for road widening, curbs, swales, street trees and sidewalks along the south side of Mission Avenue, from City limits east to Glenbrook.

**Network Analysis Update & Corridor Study:** Network Analysis Update required by Harvard Road Mitigation Plan/ original targeted for 2020, combined with Country Vista Corridor Study to determine needed intersection controls and pedestrian safety requirements based on projected growth. Given timing of signals resulting in the delay of Country Vista Corridor Study, these projects have been combined

to realize an economy of effort (as well as a potential cost savings). Project to begin with the installation of the Madson signal, with at least a partial rollover of funding for Country Vista Corridor Study into 2020.

**Signal – CVSD HS Main Entrance:** Addition of a signal at entrance to Ridgeline High School and Country Vista Drive. Project was submitted for a 2020 TIB grant, with 70% of the cost anticipated to be covered by the TIB grant.

**Smart Signal Control:** To provide signal coordination on Appleway and Liberty Lake /Harvard Road. Cost includes signal communication consultant, controller communication, installation and cloud storage.

### **Transportation Asset Management**

**Annual Residential Street Maintenance Allocation:** Funding for implementation of a systematic plan for grind and overlay to maintain the quality and condition of existing residential streets. Note that in the 2019-2024 CFP, it was determined that it made sense to budget for the major overlay projects biennially to realize an economy of effort as well as an economy of scale, with patching as needed in the intervening years. Due to 2020 construction priorities, as well as critically needed repavement of several public facility parking lots, the major rotation originally planned for 2020 has been moved out to 2021, with subsequent years continuing to follow that pattern.

**Liberty Lake Road Maintenance- Sprague Avenue to Country Vista Drive:** Grind and overlay project scheduled for 2020 dependent on TIB grant approval to cover 70% of cost. If project not funded by TIB in 2020, staff recommends pushing out to a future year.

**Mission – Country Vista to Molter- Grind and Overlay:** This maintenance project, originally funded for 2020 as part of the Street Maintenance Allocation in the 2020-2025 TIP, is recommended to be pushed out to 2022, given relative roadway condition, and project priorities for 2020 and 2021.

**Sprague Avenue Overlay:** Potential grind and overlay project proposed for 2024 for possible TIB grant funding at 70%.

### **Trails & Pedestrian Pathways**

**Annual Pedestrian Crossing Allocation:** Funding for pedestrian crossing improvements and flashing beacons, with 2020 project locations to be determined based upon prioritization policy, with future projects determined through Pedestrian Master Plan and prioritization policy. Note that \$25,000 was added in 2020 for replacement Ped Crossing to equipment keep in inventory.

**Trail Lighting Master Plan:** Originally budgeted for 2020, staff recommends pushing this project out to 2022, given 2020 and 2021 project priorities.

**Pedestrian Trail –Selkirk MS to HUB:** Paving of County Rail ROW to create a connection between Selkirk Middle School and the HUB for emergency evacuation purposes. \$150,000 in funding for this project was added to the 2020-2025 TIP in 2025 for this purpose.

**Sidewalk Improvements- Madson, from Mission to Appleway:** Proposed construction of missing sidewalks on either side of Madson, south of Appleway. This project was added for Council discussion; the project was not funded in the 2019-2024 CFP.

**Sidewalk Improvements-Mission Ave, Northside, west of Harvest Parkway Roundabout:** Sidewalk Improvements & road widening to close sidewalk gaps on the north side of Mission from City limits to SW corner of River Crossing East, and added funds Mission Ave Temporary Trail grindings in 2019). For 2020, roll over \$175,000 for 330 feet sidewalk gap on North side of Mission Ave, west of Caulfield & east of Aladdin.

**Sidewalk Master Plan:** Funding for potential project in 2021 to identify and prioritize pedestrian projects. Network analysis and corridor study to be completed in 2020 to inform this project.

### **Fleet Equipment**

**12M Grader lease:** The three year lease for this equipment expires in 2020. The budget in 2021 shows the full purchase price for the equipment, however, staff will complete a lease-purchase cost-benefit analysis before making a decision to lease or purchase in 2021.

**926M Loader:** The three year lease for these two loaders expires in 2020. The budget in 2021 shows the full purchase price for the equipment, however, staff will complete a lease-purchase cost-benefit analysis before making a decision to lease or purchase in 2021.

**305 Mini Ex:** The three year lease for these two loaders expires in 2020. The budget in 2021 shows the full purchase price for the equipment, however, staff will complete a lease-purchase cost-benefit analysis before making a decision to lease or purchase in 2021.

**Street Sweeper:** Currently, the City contracts for street sweeping services on an as-needed basis. Staff will be submitting a grant application from the Washington's Section 319 Nonpoint Source Pollution to cover 75% of the purchase cost. The City will not move forward with this purchase unless the grant application is funded.

**Scag Zero:** Detail mower needed to maintain additional turf areas added in last year.

**Freightliner:** For use with sand/salt spreader needed for winter maintenance. Will also serve as a second truck for hauling materials.

**5 Yard Sand/Salt Spreader:** Sand/salt spreader needed for winter road and parking lot maintenance.

**14K Tilt Deck Trailer:** For use in hauling maintenance equipment.

**Fleet Equipment Asset Management:** The following Operations & Maintenance equipment is included the fleet equipment rotation, with the replacement schedule based on the equipment's useful life.

- JD Aercore 1500 Tractor Mount Aerator

- Pickup
- Pickup
- Kubota RTV with plow blade
- Pickup
- Pickup
- Zero Turn
- Zero Turn
- Turfcut
- Gator
- Gator
- Toro ReelMaster 3250D
- JD 2500A
- Club Car Golf Picker

**Computer Equipment Asset Management:** Computer and associated equipment in City inventory are in a 5-6 year rotation for replacement. Computer replacement includes hardware and operating system, but does not generally include software, which is addressed in the operating budget, most commonly through annual licenses.

**Utilities-Capital Projects by Others:** The following utility projects are developer driven, and will be constructed by others. They are included in the City's CFP, however, because they are eligible for reimbursement through TIF/LIFT.

- River District - Indiana Ave. Sewer (Trutina Development - Harvard Rd. to east of Harvard Rd.)
- River District - Indiana Ave. Water (Trutina Development - Harvard Rd. to east of Harvard Rd.)
- River District - Indiana Ave. Sewer (Bitterroot to Harvard Rd)
- River District - Indiana Ave. Water (W. Of Harvard Rd. to W. Boundary of Courtyard Plat 2013.PI0002)
- River District - Sewer Lift Station, Force Main, & Other Associated Improvements
- River District - Telido Station Offsite Sewer

- River District - Telido Station Offsite Water Main
- River District - Wellington St. Sewer
- River District - Wellington St. Water

Underground Utility Program (Liberty Lake Rd., Molter Rd., Mission Ave.)

**Transportation Capital Projects by Others:** The following transportation capital projects are developer driven, and will be constructed by others. They are included in the City's CFP, however, because they are eligible for reimbursement through TIF/LIFT.

- Harvard Rd & Indiana Ave Intersection Improvements
- Harvard Road & Wellington Roundabout
- Mission Improvements - Harvest Parkway east to Corrigan Road
- Indiana Ave. (Trutina Development - Harvard Rd. to east of Harvard Rd.)
- Indiana Ave. Water (Bitterroot to Harvard Rd.)
- Transit Parking
- Cataldo Extension & Connection
- Henry Road Improvements - Sprague to Country Vista Dr
- Indiana Ave Construction - Glenbrook Rd to East of Harvard Rd