BOARD OF COUNTY COMMISSIONERS
COUNTY OF KITTITAS
STATE OF WASHINGTON

Ordinance NO. 2021-014

ADOPTION OF THE KITTITAS COUNTY CAPITAL IMPROVEMENT PROGRAM FOR THE PLANNING PERIOD 2022-2027

WHEREAS: Kittitas County opted into the Growth Management Act, RCW 36.70A, voluntarily on December 27, 1990, through Resolution 90-138; and

WHEREAS: Kittitas County adopted the Kittitas County Comprehensive Plan in August of 1996, and the Capital Facilities Plan was adopted as part of the Comprehensive Plan; and

WHEREAS: Kittitas County amended the Comprehensive Plan in 2001 to adopt the six-year Capital Improvement Program through a process separate from the annual comprehensive plan amendment process and any changes made are adopted by reference to the Kittitas County Comprehensive Plan at adoption; and

WHEREAS: The Kittitas County Commissioners conducted a public hearing on November 29, 2021, to consider the six-year Capital Improvement Program for the planning period 2022-2027; and

WHEREAS: The Kittitas County Commissioners considered public testimony at said public hearing and approved the Capital Improvement Program for the planning period 2022-2027.

NOW, THEREFORE BE IT ORDAINED That the Board of County Commissioners after due deliberation and in the best interest of the public, does hereby approve the six-year Capital Improvement Program for the planning period 2022-2027 as attached hereto.

ADOPTED this 7th day of December, 2021

BOARD OF COUNTY COMMISSIONERS
KITTITAS COUNTY, WASHINGTON

Brett Wachsmith, Chairman

Laura Osiadacz, Vice-Chairman

Cory Wright, Commissioner

ATTEST:

☐ Clerk of the Board- Julie Kjorsvik

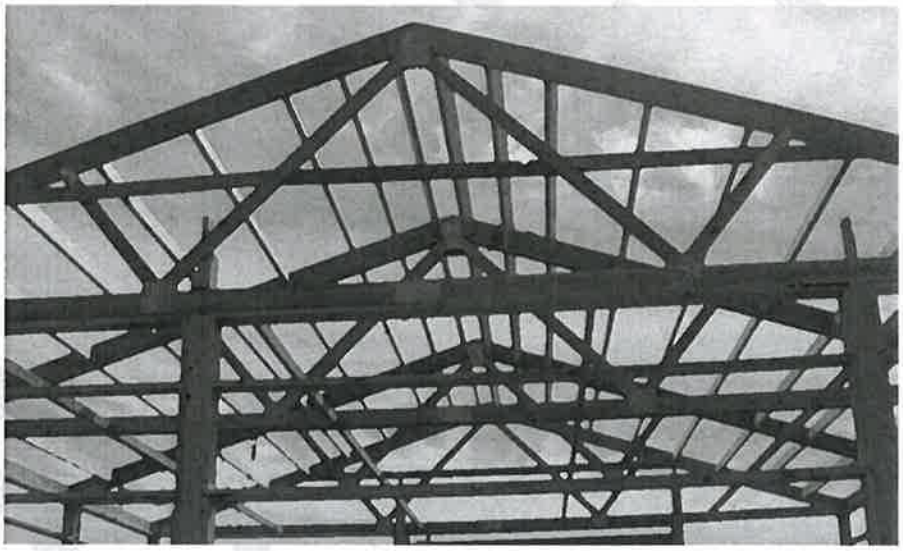
☐ Deputy Clerk of the Board- Mandy Buchholz

APPROVED AS TO FORM:

Neil Caulkins,
Deputy Prosecuting Attorney

Kittitas County
Capital Improvement Program
2022-2027 Six Year Plan

From the Cascades ... to the Columbia



Adopted _____ by the Board of County Commissioners

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Ordinance No. _____

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Six-Year Plan

Introduction

The Six-Year Plan shows capital improvements that are needed to provide adequate public facilities in Kittitas County. The County either directly provides these capital improvements or coordinates with other agencies to provide them. The Six-Year Plan is reviewed and updated annually. Annual updates are made to correct or modify project costs, revenue sources, and dates of construction.

Accomplishments

Kittitas County completed several capital improvements during the 2020 to 2021 period. These accomplishments included:

- Fire District 2 (Kittitas Valley Fire Rescue) Station 2-1

2022-2027 Summary

The following table summarizes the 2022-2027 Six-Year Plan.

Table 1 - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

1. Airport Facilities

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Wetland Mitigation for EA Projects	Bowers Field Airport. Following the Environmental Assessment and Advanced Design, the airport will undergo a wetland mitigation project.	FAA GA Entitlement and Local Match	2022-2026	$2,585,000
Runway 11/29 Parallel Taxiway and Taxiway Lighting Project	Bowers Field Airport. Construct runway new taxiway including pavement, lighting, and marking installation	FAA GA Entitlement and other funding and Local Match	2022-2026	$5,555,000
Rehabilitate Runway 11/29 including AGIS, Runway Lighting, and Runway Width Reduction	Bowers Field Airport. Rehabilitate Runway 11/29 including completing an AGIS survey, reducing the runway width from 150 feet to 75 feet (per FAA requirements), drainage improvements, and replacing the runway lighting system.	FAA GA Entitlement and Local Match	2022-2026	$550,000
East Apron Utilities Extension	Bowers Field Airport. Extension of utilities to 13 additional lots.	WSDOT CARB Loan and Local Match	2022-2026	$105,000
Runway 7/25 Rehabilitation	Bowers Field Airport. Rehabilitating and reducing Runway 7/25 length and width to 3,700 feet x 60 feet.	FAA GA Entitlement and Local Match	2022-2026	$1,320,000
Airport Maintenance Facility	Bowers Field. The design and construction of a 60' x 80' Airport Maintenance Facility for airport equipment.	County General Funds Request	2022	$425,000
Fire Wise Program for Agricultural Lands	Bowers Field. Agricultural Land Fire Wise Program with DNR	DNR Grant Program	2022	$50,000
Industrial Park Building Development	Bowers Field. The design and construction of two new industrial	TBD	2022-2027	TBD

	buildings in the Bowers Field Industrial Park.			

Table 1 continued - Six-Year Plan Summary

2022-2027 Summary Kittitas County Public Facility Projects

2. Kittitas County Administrative Offices

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
County Administration Building	N of Courthouse. Office space is needed for all county functions. Consolidating administrative offices. This includes Commissioner's Office, Auditors Office, Assessors' Office, Treasurers Office, Fire Marshal, Community Development Services, and Public Works Administrative Office. The Courts and related offices would remain in the existing Courthouse.	REET	2022-2026	$120,000
Public Safety Building Improvements	205 W. 5th. Various improvements to include new siding for old portion of jail and replace ceiling in hallways.	General Fund and 1/0th Sales Tax	2022-2027	$3,680,000
Permit Center Building Improvements	411 N Ruby, Ellensburg. This project is needed to upgrade outdated facilities for CDS, PWD, and Fire Marshal offices. This building was constructed in 1959 and the County purchased the building in 2002.	General Obligation Bonds	2022-2026	$250,000
Juvenile Detention Holding Facility	205 W. 5th, Ellensburg. Building remodel to provide a temporary holding cell for juvenile detention.	Law & Justice Sales Tax	2022-2026	$30,000
Expansion of Prosecutor's Office	Expansion of Prosecutors Office to consolidate offices to one location.	General Fund	2022-2027	TBD
New Courthouse	Construction of new Courthouse	Commissioner approved Bond	2022-2027	$56,000,000

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

3. Kittitas Valley Event Center/Fairgrounds

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Rodeo arena bleachers and box seats	Replace section KK-MM and Section AA	Revenue Bonds	2022-2027	$2,670,000
Multi-Purpose Addition to Bloom Pavilion	Southwest corner of Fairgrounds in Ellensburg, new multi-purpose addition intended for various events and livestock housing	Gen. Obligation Bonds	2022-2027	$1,300,000
Bloom Pavilion Upgrades	Southwest corner of Fairgrounds in Ellensburg, replace windows and footing, and install protective materials for multi-purpose uses. Install retractable bleachers.	Gen. Obligation Bonds	2022-2027	$600,000
Barn Expansion	901 E. 7th Ave, add space for various types of livestock	Gen. Obligation Bonds	2022-2027	$1,500,000
Emergency Animal Shelter	Kittitas Valley Event Center / Fairgrounds	General Fund	2022-2027	$500,000
Armory Parking Lot Paving	901 E. 7th Ave, pave the gravel parking lot and handicap space surrounding the Armory building.	Gen. Obligation Bonds	2022-2027	$300,000

4. Kittitas County Maintenance Shops, Storage, Parking, & Pits/Quarries

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Upper County Maintenance Shop	Automated wash bay design and construction.		2027	$400,000
Lower County Maintenance Shop	Potential land acquisition and shop relocation	ER&R Fund 501	2022-2026	$8,650,000
Hyak Joint Maintenance Facility with SPUD	Ongoing operations, On capital improvements planned.	TBD	TBD	TBD
Hansen Pit	Potential Advanced Environmental Mitigation site.	Airport Fund 107, Flood Control Fund 107, Federal Aviation Admin Grant	2022-2023	$1,750,000
Other Pits and Quarries	Ongoing operations, On capital improvements planned.	TBD	TBD	TBD

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

5. Roads – County Owned (capital improvements scheduled for construction)

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Kachess Lake Road Culvert Replacement	MP 2.50, Kachess area. Flow improvement, fish barrier correction.	Local funds	2022	$1,329,000
N. Thorp Highway – Yakima River Bridge	MP 9.36-MP 7.76, Thorp. Bridge repairs.	Planned BRAC funds, local funds	2022	$1,951,000
Manastash Road Creek Bank Stab, and Snow Park Improvements	MP 10.65-MP 11.01 Roadway safety, repair and improvements	Planned FLAP/FHWA funds, local funds	2022	$1,578,000
Liberty Road Swauk Creek Bridge	MP 0.2 Liberty Road Bridge replacement – safety	Planned FLAP/FHWA funds, local funds	2022-2024	$2,947,000
Dickey Creek Bridge (16203) Replacement FHWA	Teanaway Road Bridge replacement	Planned FLAP/FHWA funds, local funds	2022	$1,000,000
I-90 Widening (State Project)	Cle Elum to Easton Improve capacity and safety	Local funds	2022	$100,000
Bender Road Widening and Pedestrian Improvements	MP 0.0-MP 0.68, Ellensburg New construction and improvements	TBD	2025-2026	$2,100,000
Hungry Junction Road Widening	MP 0-MP 1.74, Hungry Junction Road, Ellensburg Reconstruction and safety	Planned RAP funds, local funds	2022-2024	$4,351,000
Sanders Road Improvements	Ellensburg Safety, stormwater drainage, roadway improvement	TBD	2026-2027	$3,050,000
Badger Pocket Area Road Improvements, Phase 1	Various Safety, rehabilitation, and improvements	TBD	2022-2023	$3,700,000
Badger Pocket Area Road Improvements, Phase 2	Various. Safety, rehabilitation, and improvements	TBD	2025-2026	$2,980,000
Intersection and Corridor Safety Improvements	Various Safety improvements and countermeasures	HSIP	2022-2023	$416,000
Bridge Rail Improvements Code 3, Phase 1 (MD A-F)	Various. Safety improvements and countermeasures	HSIP	2022-2023	$664,000
Vantage Highway over Cascade Canal (89342) Replacement	MP 5.17-5.33, Ellensburg	TBD	2022-2023	$1,650,000

	Safety improvements and countermeasures			

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Denmark Road Improvements	MP 3.08-4.35 Safety, bridge replacement, and other improvements	TBD	2027	$471,000
Bowers Road Extension	Bowers Road, Ellensburg Network connection	TBD	2024-2025	$2,450,000
HSIP 2023 Awarded Project	Various, TBD	TBD	2024-2025	$1,150,000
Yellowstone Culvert Replacement	Snowqualmie Pass Safety	Planned STBG	2025-2026	$860,000
Short Span Bridge Replacement, Phase 1	Snowqualmie Pass Safety	Planned STBG	2026-2027	$1,400,000
Airport Road Culvert Replacement	MP 2.25-2.4, Cle Elum Drainage improvement and flood reduction	TBD	2027	$275,000
Badger Pocket Road HMA	MP 0.0-0.57, Ellensburg Rehabilitation and maintenance	TBD	2026-2027	$1,205,000
Lambert Road Br 06345 Maintenance	Teanaway Maintenance and repairs	Planned BRAC funds, local funds	2027	$175,000
HSIP 2025 Awarded Project	Various, TBD Safety	HSIP	2026-2027	$450,000
Parke Creek Road Turnaround	MP 5.7-11.64, Parke Creek Road, Ellensburg Improvements and increased drainage	Local funds	2026-2027	$1,100,000
Pheasant Lane Turnaround	MP 0.0-2.04, Pheasant Lane, Ellensburg Road and access improvements	Local funds	2027	$15,000
Airport Road Sidewalk Replacement	MP 1.35-1.85, Bowers Road, Ellensburg Improvements and increased drainage	Local funds	2022	$65,000
Bar 14 Turnaround	MP 1.11-1.21 Bar 14 Road, Ellensburg Repair flood damage and school bus turnaround	Local funds	2023-2024	$200,000
Micheletto Road Improvements	MP 1.11-1.21 Micheletto Road, Ellesnburg Improvements	Local funds	2022	$40,000

6. Regional Parks and Trails

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Highway 10 County Park (UC)	Upper County. Construct BNSF Actuated Crossing; Build		2022-2025	$3,950,000

	road network and camp sites; build boat ramp.			

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Vantage Boat Ramp Overflow Parking (LC)	Lower County. Build overflow parking lot.		2022	$200,000
Gladmar Park (MC)	Mid County. Design and construct bridge access; construct island improvements.		2022-2024	$750,000
Upper County ATV Trail (UC)	Upper County. Build trails.		2022-2023	$400,000
Trailhead Parking (UC)	Upper County. Towns to Teanaway Trailhead improvements.		2022	$120,000
Ellensburg Rotary Indoor Soccer (LC)	Lower County.		2023	$4,000,000
Vantage River Walk (LC)	Lower County.		2026-2027	$1,000,000

7. Solid Waste

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Relocate Ellensburg Transfer Station and Compost Facility	925 Industrial Way, Ellesnburg.. Build a new Transfer Station and Compost Facility.	Solid Waste Fund/Grant/Loan	2022-2027	$23,000,000
Cle Elum Transfer Station Entrance	Cle Elum Transfer Station 50 No. 5 Mine Road. Construct a new entrance to allow for better queuing for the scales.	Solid Waste Fees and Grants	2022-2027	$400,000

8. Library Services - No projects planned for 2022-2027 period

9. Emergency Services

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Station 26 Replacement	Fairview and Brickmill Road. Relocate and replace volunteer station.	Property Tax (existing)	2022-2027	$950,000
Upper County Search and Rescue/Emergency Management Base	Airport Road off Cle Elum Airport Access Road. Base of operations for county SAR and Emergency Management; also SAR and EM training facility and Emergency Operations Center.	General Fund	2022-2027	$4,000,000

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Sheriff's Office Upper County Precinct	Cle Elum Area. Base for convenient law enforcement services to upper county including dedicated patrol, investigations, records and other front office services	General Fund	2023-2027	$3,100,000
Kittitas Valley Hospital Materials Management and Radiology Expansion	603 S. Chestnut, Ellensburg. Remodel of existing space in surgery and an expansion of 4000 square feet that will serve surgery, materials management and radiology. The expansion will add a 2nd CT to radiology, add an operating room, and expand central sterile and materials management. The expansion will displace parking so new parking on north end of property is proposed. This project under design now and projected to be 2022 and 23 project.	Commissioner Approved Bond	2022	$9,517,609
Kittitas Valley Hospital Dietary Renovation	603 S. Chestnut, Ellensburg. Goal is to add seating area, create better flow through serving area, add food options in serving area, and a general refresh of finishes. Also to provide more options for visitors at night with vending and seating options.	Commissioner Approved Bond	2022	$777,195
Kittitas Valley Hospital Grounds Improvement	603 S. Chestnut, Ellensburg. Goal is to minimize confusion in traffic flow, remove physical barriers for site, add some parking, reduce maintenance needs, reduce water use, and	Commissioner Approved Bond	2022	TBD

	needed face lift on the building.			

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

10. Education

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Central Washington University, Health Education	Parcel # 313534, E Dean Nicholson Blvd, CWU campus, Ellensburg, WA 98926. Renovation and expansion of existing Nicholson Pavilion for academic programs supporting Health Education.	State OFM Capital	2022-2027	$55,505,000
Central Washington University, 1200 Ton Chiller Addition	205 E 11th, CWU campus, Ellensburg, WA 98926. The addition of a 1200-ton chiller at the Central Energy plant that promotes the reliability and securing of institutional cooling.	State OFM Capital	2022	$3,189,000
Ellensburg School District, Ida Nason Aronica School	2100 North Cora Street. Construct fourth elementary school.	Commissioner Approved Bond, State Match, ESSER, Other.	2021-2027	$8,459,057
Ellensburg School District, New Mt. Stuart Elementary	1701 North Cora Street. New building, replacement school.	State Match	2021-2022	$4,176,716
Ellensburg School District, New Mt. Stuart Elementary Early Learning Center	705 West 15th Avenue. Remodel building and portable.	Commissioner Approved Bond, Other.	2021-2022	$297,065
Ellensburg School District, Tennis Courts (Joint with the City of Ellensburg)	Mountain View Park. Construct tennis courts.	General Fund	2022-2027	$250,000
Ellensburg School District, TVF Support to Increased Student Grown/30-Year Bus Replacement	Transportation Department: 1300 E. Third Avenue. 30-year bus replacement.	General Fund Transfers	2022-2027	$683,552
Ellensburg School District, Valley View Elementary Parking Lot Improvements	1508 East Third Avenue. Improve parking lots to the north, south and west sides of Valley View Elementary.	General Funds	2022-2027	$286,663
Ellensburg School District, Valley View Elementary Bus Loading/Unloading	1508 East Third Avenue. Dedicated bus	General funds	2021-2022	$50,000

	loading/unloading area fencing.			

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Ellensburg School District, Lincoln Elementary Remodel/Addition	200 South Sampson Street. Remodel/addition	Commissioner Approved Bond, State Match, Other.	2021-2027	$18,004,295
Ellensburg School District, Valley View Elementary Building Resurfacing	1508 East Third Avenue. Valley View building resurfacing	General funds	2022-2027	$300,000
Ellensburg School District, Maintenance Warehouse	1300 East Third Avenue. Construct maintenance/grounds equipment warehouse.	General funds	2022-2027	$300,000
Ellensburg School District, New Ellensburg High School Portable Location	1203 East Capitol Avenue. Relocate two portables to high school campus to house Special Programs.	Commissioner Approved Bonds, General Fund Transfer	2021-202	$215,000
Ellensburg School District, New IT Mitigation Plan	1300 East Third. IT Mitigation.	Tech Levy	2021-2027	$5,838,927
Ellensburg School District, Central office HVAC	1300 E. Third Ave. Replace HVAC.	ESSER	2022-2027	$300,000
Ellensburg School District, Mt. Stuart Elementary Parking Lot Resurfacing	705 W. 15th Avenue. Mt. Stuart Elementary resurfacing	General Fund Transfer	2022-2027	$150,000
11. Water – Group A Systems - No projects planned for 2022-2027 period				
12. Sanitary Sewer - No projects planned for 2022-2027 period				
13. Flood Control Zone District				
Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Flood Hazard Risk and Repetitive Loss Program	Yakima River. Comprehensive Flood Planning and Repetitive Loss Hazard Assessment	FCAAP, FCZD, future phases by grant	2022-2027	$460,000
Ringer Loop Property Improvements	Ringer Reach. Control for invasive species, riparian buffer plantings, and building decommissioning at County-owned properties.	Yakima Basin Integrated Plan	2022-2023	$400,000
Hanson Levee and Private Berm Removal	Ringer Reach. Implementation of preferred alternative from Hanson Pits Restoration Plan and	Yakima River Basin Integrated Plan (potential), Salmon Recovery	2023-2025	$1,300,000

	Design. 2023 SRFB design only grant.	Funding Board (potential)		

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Reecer Creek Dolarway to University	WNC. Flood Control Zone District Cost share in support of City of Ellensburg Project to purchase property, construct setback levees and construct second bridge along Dolarway Rd.	FCZD Levy	2022	$890,000
Stream Gaging and Early Warning System	County-wide. 2022: Cove Road, McElroy Road. 2022: Naneum Creek.	FCZD Levy	2022-2027	$210,000
CTP Flood Studies	General. Continued funding through FEMA's Cooperating Technical Partnership (CTP) program to improve flood models and channel migration zone mapping.	Community Technical Partnership Program (potential), FCZD Levy	2022-2027	$480,000
Whisky Creek at EWC Siphon	WNC. Increase flood conveyance, eliminate canal / creek intermingling, and address fish passage barrier by replacing current EWC crossing at Whiskey Creek with a siphon. KCCD managed project, with FCZD cost-share.	FCZD Levy, Grant or partner support for construction	2022-2023	$1,000,000
Wilson-Naneum-Cherry – Phase 2 Whisky Reroute Feasibility Study	WNC. Hydrologic analysis with existing 2-d model to evaluate Whiskey Creek tie-in at Reecer Creek project. Evaluate effects of Mercer Creek flow routing north of the airport on hydrologic regime, design specification needed at proposed railroad crossing, and within Reecer Creek floodplain	FCZD Levy	2023	$100,000

	site, and water needs downstream of proposed reroute site			

Table 1 continued - Six-Year Plan Summary
2022-2027 Summary Kittitas County Public Facility Projects

Project Name	*Location & Description*	*Funding Source*	*Schedule*	*Total Cost*
Wilson-Naneum-Cherry – Phase 3 Whisky Reroute Design	WNC. Implement capital recommendations from Phase 2 Feasibility Study	FCZD Levy, Flood Control Assistance Account Program (potential)	2025-2027	$600,000
Reach Assessment (Elk Meadows)	Yakima River. Assessment to identify and prioritize flood alleviation and habitat restoration actions within the Elk Meadows area along the Yakima River. Request SRFB funding in 2022 round for implementation in 2023/2024.	FCZD Levy, Salmon Recovery Funding Board (potential)	2022-2024	$204,000
Flow Conveyance Restoration – Site 2	WNC. Implementation of project similar to Mercer at Helena flow conveyance project, site TBD	FCZD Levy, Ecology Centennial Clean Water grant (potential)	2022-2023	$360,000
Flow Conveyance Restoration – Site 3	TBD. Implementation of project similar to Mercer at Helena flow conveyance project, site TBD	FCZD Levy, Ecology Centennial Clean Water grant (potential)	2025-2026	$392,000
Crystal Creek Conveyance Project	Crystal Creek. Implement project identified through Crystal Creek CTP study.	Grant funding TBD	2022-2024	$120,000
Manastash – Cove Road Replacement	Manastash. Replace existing Cove Road bridge with bridge of sufficient freeboard and span to pass sediment and flood flows. 2026: Design and Permitting.	FCZD Levy, Flood Control Assistance Account Program (potential)	2026-2027	$1,200,000
Hazard Mitigation Plan Update	County-wide. The Multi-jurisdictional Hazard Mitigation Plan needs to be updated every 5-years.	FCZD Levy, Washington State Department of Military (potential)	2023	$120,000

1. Airport Facilities

This section includes an inventory of the existing airport facilities in Kittitas County and a detailed description of each airport facility improvement that is included in the six-year plan. The inventory of facilities in Table 2 below also describes each facility's size in order to determine if it addresses the County's long-term community needs.

Table 2
Existing Public Facilities and Services
Airport Facilities

Facility	*Provider*	*Description*	*Size*
Bowers Field Airport	Kittitas County	Asphalt, 11/29 Runway, 4,300'x150', asphalt.	1,300 acres
Bowers Field Hanger Bldg 404	Kittitas County	Built 1997.	20,000 sq. ft.
Bowers Field T-Hanger	Kittitas County	Built 1960.	12,500 sq. ft.
Cle Elum Municipal Airport	City of Cle Elum	50,000 sq. ft. parking apron area, 07/25 Runway, 2,552'x40', asphalt, 1,000 aircraft usage per year.	135 acres
De Vere Field	Jim De Vere (private owner)	08/26 Runway, 2,055'x30', asphalt, 6 single engine aircraft based.	50 acres
Easton State Airfield	WSDOT	09/27 Runway, 2,640'x100', turf, 30 aircraft usage per month, built in 1930's.	15 acres

Airport Facilities – Wetland Mitigation for EA Projects

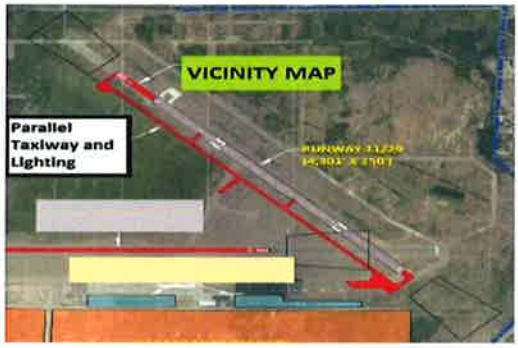
Project Information and Selection Criteria	
Location	Bowers Field Airport, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Following the Environmental Assessment and Advanced Design, the airport will undergo a wetland mitigation project.
Justification (Need/Demand)	This project allows for the construction of the parallel taxiway and other facility needs at Bowers Field. It also mitigates flooding and other wetland concerns for the county.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Design and Environmental
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2026*	*Total*
Design and Engineering	$385,000		$385,000
Construction		$2,200,000	$2,200,000
TOTAL		$2,585,000	$2,585,000

Funding Sources	*2022*	*2023-2026*	*Total*
FAA GA Entitlement	TBD – Based on Permitting Approval	$2,350,000	$2,350,000
Local Match		$235,000	$235,000
TOTAL		$2,585,000	$2,585,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Airport Department

Airport Facilities – Runway 11/29 Parallel Taxiway and Taxiway Lighting Project



Project Information and Selection Criteria	
Location	Bowers Field Airport, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Construct runway new taxiway including pavement, lighting, and marking installation
Justification (Need/Demand)	This project is needed to provide adequate facilities for projected airplane operations.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: New facility construction
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2026*	*Total*
Design and Engineering	$495,000		$495,000
Construction		$5,060,000	$5,060,000
TOTAL		$5,555,000	$5,555,000

Funding Sources	*2022*	*2023-2026*	*Total*
FAA GA Entitlement & Other Funding	$495,000	$4,555,000	$5,050,000
Local Match		$505,000	$505,000
TOTAL		$5,555,000	$5,555,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Airport Department

Airport Facilities – Rehabilitate Runway 11/29 including AGIS, Runway Lighting, and Runway Width Reduction

Project Information and Selection Criteria	
Location	Bowers Field Airport, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Rehabilitate Runway 11/29 including completing an AGIS survey, reducing the runway width from 150 feet to 75 feet (per FAA requirements), drainage improvements, and replacing the runway lighting system.
Justification (Need/Demand)	This project removes the outer 75 feet of failed asphalt pavement and replaces the runway lighting system that has outlived its useful life.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility repair and renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering		$165,000	$165,000
Construction		$385,000	$385,000
TOTAL		$550,000	$550,000

Funding Sources	*2022*	*2023-2027*	*Total*
FAA GA Entitlement		$500,000	$500,000
Local Match		$50,000	$50,000
TOTAL		$550,000	$550,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Airport Department

Airport Facilities – East Apron Utilities Extension

Project Information and Selection Criteria	
Location	Bowers Field Airport, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Extension of utilities to 13 additional lots.
Justification (Need/Demand)	This project allows for the design and construction of infrastructure to meet the need for hangar development.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Design and Construction
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering		$10,000	$10,000
Construction		$95,000	$95,000
TOTAL		$105,000	$105,000

Funding Sources	*2022*	*2023-2027*	*Total*
WSDOT CARB Loan		$105,000	$105,000
Local Match		$0	$0
TOTAL		$105,000	$105,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for utility improvements.
Estimated Revenues	$20,000 annually for new hangar leases.
Anticipated Savings Due to Project	None
Department Responsible for Operations	Airport Department

Airport Facilities – Runway 7/25 Rehabilitation

Project Information and Selection Criteria	
Location	Bowers Field Airport, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Rehabilitating and reducing Runway 7/25 length and width to 3,700 feet X 60 feet.
Justification (Need/Demand)	The runway was closed due to age and deterioration. A design was completed in 2020 and the project will help to reduce aircraft congestion.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Construction
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2027*	***Total***
Design and Engineering		$0	$0
Construction		$1,320,000	$1,320,000
TOTAL		$1,320,000	$1,320,000

Funding Sources	*2022*	*2023-2027*	***Total***
FAA GA Entitlement		$0	$0
Local Match		$1,320,000	$1,320,000
TOTAL		$1,320,000	$1,320,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Airport Department

Airport Facilities – Airport Maintenance Facility

Project Information and Selection Criteria	
Location	*Bowers Field*
Links to Other Projects or Facilities	
Description	The design and construction of a 60' x 80' Airport Maintenance Facility for airport equipment.
Justification (Need/Demand)	Currently there is no such facility at the airport and is expense to move some of the equipment for necessary maintenance due its size. Also having airport specific equipment, internal maintenance knowledge is best utilized and less expensive than contract maintenance.
Level of Service (LOS) / Project Type	LOS: N/A. Project Type: New Facility
Comprehensive Plan Citations	LU-P19 – LU-P25, Specifically LU-P22

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering	$90,000		$90,000
Construction	$335,000		$335,000
TOTAL	$425,000		$425,000

Funding Sources	*2022*	*2023-2027*	*Total*
County General Funds Request	$425,000		$425,000
TOTAL			$425,000

Annual Operations and Maintenance	
Estimated Costs	$3000 Annually
Estimated Revenues	None
Anticipated Savings Due to Project	$30,000 per year in lease payments
Department Responsible for Operations	Airport Department

Airport Facilities– Industrial Park Building Development

Project Information and Selection Criteria	
Location	Bowers Field
Links to Other Projects or Facilities	Centerfuse Initial Development Concept for EBDA at Bowers Field.
Description	The design and construction of two new industrial buildings in the Bowers Field Industrial Park.
Justification (Need/Demand)	The Kittitas County Airport has significant land to manage and under FAA recommendations the airport should work to be self-sufficient with support of the Sponsoring Agency, (Kittitas County) to relieve the financial burden on the local municipality. In an attempt to move towards this FAA goal, these buildings would be a highly positive initial step.
Level of Service (LOS) / Project Type	LOS: N/A. Project Type: New Facility
Comprehensive Plan Citations	

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering	TBD	TBD	TBD
Construction		2,500,000	$2,500,000
TOTAL			TBD

Funding Sources	*2022*	*2023-2027*	*Total*
County Funding Options TBD	TBD	TBD	TBD
TOTAL			

Annual Operations and Maintenance	
Estimated Costs	$12,000 Annually
Estimated Revenues	$200,000 Annually
Anticipated Savings Due to Project	
Department Responsible for Operations	Airport Department

Airport Facilities – Fire Wise Program for Agricultural Lands

Project Information and Selection Criteria	
Location	Bowers Field
Links to Other Projects or Facilities	
Description	Agricultural Land Fire Wise Program with DNR
Justification (Need/Demand)	Excessive brush and woody debris on the eastern portion of the airports agricultural lands has created a wildland fire risk
Level of Service (LOS) / Project Type	LOS: N/A. Project Type: Construction
Comprehensive Plan Citations	

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering			
Construction	$50,000		$50,000
TOTAL			

Funding Sources	*2022*	*2023-2027*	*Total*
DNR Grant Program	$50,000		$50,000
TOTAL			$50,000

Annual Operations and Maintenance	
Estimated Costs	Costs of the project are reimbursed by the DNR up to a predetermined amount, approximately $400 per acre. We have cut the estimated project area to 120 acres and are pending the report on reimbursable costs from the Department of Natural Resources Fire Wise assessment. Initial Cost will be estimated at $50,000.
Estimated Revenues	None
Anticipated Savings Due to Project	$50,000
Department Responsible for Operations	Airport Department

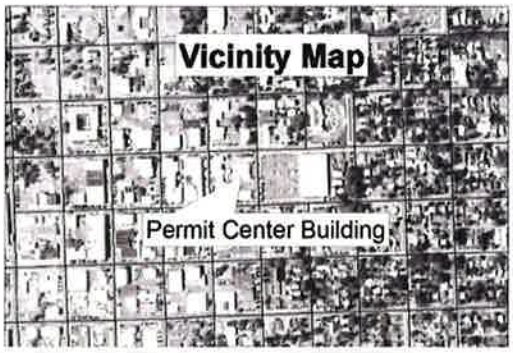
2. Kittitas County Administrative Offices

This section includes an inventory of Kittitas County Administrative Offices and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 3 below also describes each facility's size in order to determine if it addresses the County's long-term community needs.

Table 3
Existing Public Facilities and Services
Kittitas County Administrative Offices

Facility	*Department*	*Description*	*Size*
Armory Building	Extension, Noxious Weed, and Kittitas Valley Event Center	901 E. 7th, built 1950. Remodel completed in 2014	13,140 sq. ft.
Cle Elum Public Health	Public Health	415 E. First Ave., Cle Elum, leased building	2,400 sq. ft.
County Courthouse	Assessor, Auditor, Clerk, Commissioners, Lower District Court, Human Resources, Information Services, Juvenile Probation, Maintenance, Prosecutor, Superior Court, Treasurer	205 W. 5th, built 1958.	47,691 sq. ft.
Permit Center	Public Works, Community Development Services, and Fire Marshal	411 N. Ruby, built 1959	13,625 sq. ft.
Public Safety Building	Sheriff/Corrections	205 W. 5th, built 1985. Remodeled 2010 to 2012.	33,209 sq. ft.
Sheriff Administration Office	Sheriff	307 Umptanum Rd., built 2009	11,880 sq. ft.
Sorenson Building	Public Health and Misdemeanant Probation	507 Nanum, built 1942.	17,648 sq. ft.
Upper District Court Building	Upper District Court	700 E. 1st, Cle Elum, remodeled in 2013	6,000 sq. ft.
Vantage Marine Storage Building	Sheriff	Vantage Boat Launch, built in 2014	1,024 sq. ft.

Kittitas County Administrative Offices – Permit Center Building Improvements



Project Information and Selection Criteria	
Location	411 N Ruby, Ellensburg– see existing facility inventory
Links to Other Projects or Facilities	N/A
Description	Remodel building
Justification (Need/Demand)	This project is needed to upgrade outdated facilities for CDS, PWD, and Fire Marshal offices. This building was constructed in 1959 and the County purchased the building in 2002.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility repair, remodel, and renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		*2022-2026*	*Total*
Design and Engineering		To Be Determined	To Be Determined
Construction		$250,000	$250,000
TOTAL		$250,000	$250,000

Funding Sources		*2022-2026*	*Total*
General Obligation Bonds		$250,000	$250,000
TOTAL		$250,000	$250,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Facilities and Maintenance Office

Kittitas County Administrative Offices – County Administration Building

Project Information and Selection Criteria	
Location	North of the Courthouse
Links to Other Projects or Facilities	Courthouse, Permit Center, and Morris Sorenson bldg.
Description	New County Administration Building
Justification (Need/Demand)	Office space is needed for all county functions. Consolidating administrative offices. This includes Commissioner's Office, Auditors Office, Assessors' Office, Treasurers Office, Fire Marshal, Community Development Services, and Public Works Administrative Office. The Courts and related offices would remain in the existing Courthouse.
Level of Service (LOS) / Project Type	Established LOS: N/A. Project Type: New facility
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2021*	*2022-2026*	*Total*
Master Plan / Conceptual Site Plan	$120,000	$250,000	$370,000
Design and Engineering		$1,500,000	$1,500,000
Construction		55,000,000	55,000,000
TOTAL	$120,000	$56,750,000	$56,870,000

Funding Sources	*2021*	*2022-2026*	*Total*
Real Estate Excise Tax (REET)	$120,000	Undetermined	$120,000
TOTAL	$120,000	$0	$120,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Facilities and Maintenance Office

Kittitas County Administrative Offices – Public Safety Building Improvements

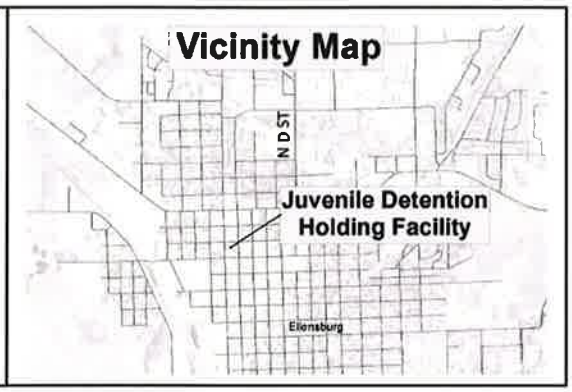
Project Information and Selection Criteria	
Location	205 W. 5th, Ellensburg – see existing facility inventory Public Safety Building
Links to Other Projects or Facilities	N/A
Description	Various improvements to include new siding for old portion of jail and replace ceiling in hallways.
Justification (Need/Demand)	This project is needed to provide safe and adequate facilities for inmates and correctional officers.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility remodel and renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2021*	*2022-2026*	*Total*
Design and Engineering	$50,000	$0	$50,000
Construction	$130,000	$3,500,000	$3,630,000
TOTAL	$180,000	$3,500,000	$3,680,000

Funding Sources	*2021*	*2022-2026*	*Total*
General Fund & 1/10th sales tax	$180,000	$3,500,000	$3,680,000
TOTAL	$180,000		

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Sheriff Office

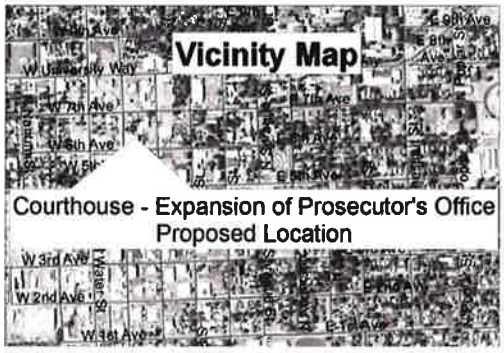
Kittitas County Administrative Offices – Juvenile Detention Holding Facility



Project Information and Selection Criteria			
Location	205 W. 5th, Ellensburg – see existing facility inventory County Courthouse		
Links to Other Projects or Facilities	N/A		
Description	Building remodel to provide a temporary holding cell for juvenile detention.		
Justification (Need/Demand)	This project is needed to provide a secure area for temporarily holding juveniles at the Courthouse. Permanent detention facilities are rented by Yakima County and juveniles are transported as needed.		
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility remodel and renovation		
Comprehensive Plan Citations	CF-G4, CF-P28		
Capital Cost		***2022-2026***	***Total***
Design and Engineering		To Be Determined	To Be Determined
Construction		$30,000	$30,000
TOTAL		$30,000	$30,000
Funding Sources		***2022-2026***	***Total***
Law & Justice sales tax		$30,000	$30,000
TOTAL		$30,000	$30,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Facilities and Maintenance Office

Kittitas County Administrative Offices – Expansion of Prosecutor's Office



Project Information and Selection Criteria	
Location	To be determined
Links to Other Projects or Facilities	Sheriff's Administrative building and Courthouse
Description	Expansion of Prosecutors Office to consolidate offices to one location.
Justification (Need/Demand)	The Prosecutors Office needs additional office space to consolidate offices located in different buildings to one primary location. This is to be part of the new courthouse project.
Level of Service (LOS) / Project Type	Established LOS: N/A. Project Type: Facility repair, remodel, & renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		*2022-2026*	*Total*
Design and Engineering			
Construction		To Be Determined	To Be Determined
TOTAL		To Be Determined	To Be Determined

Funding Sources		*2022-2026*	*Total*
General Fund		To Be Determined	To Be Determined
TOTAL		To Be Determined	To Be Determined

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Facilities and Maintenance Office

Kittitas County Administrative Offices – New Courthouse

Project Information and Selection Criteria	
Location	To be Determined
Links to Other Projects or Facilities	Courthouse, Permit Center, and Morris Sorenson building
Description	Construction of New Courthouse
Justification (Need/Demand)	Office space is needed for all county functions. Consolidating administrative office, which includes, Commissioners Office, Auditors Office, Assessors' Office, Treasurers Office, Fire Marshal, Community Development Services, and Public Works Administration office. The Courts and related offices may remain in the existing Courthouse. Further review to take place on the existing facility and cost to remodel
Level of Service (LOS) / Project Type	New Facility
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		*2022-2026*	*Total*
Design and Engineering		$4,000,000	$4,000,000
Construction		$52,000,000	$52,000,000
TOTAL		$56,000,000	$56,000,000

Funding Sources		*2022-2026*	*Total*
Commissioner approved bond		$56,000,000	$56,000,000
TOTAL		$56,000,000	$56,000,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	Facilities and Maintenance Office

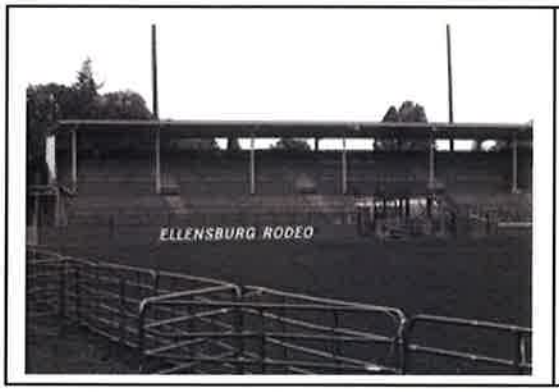
3. Kittitas Valley Event Center / Fairgrounds

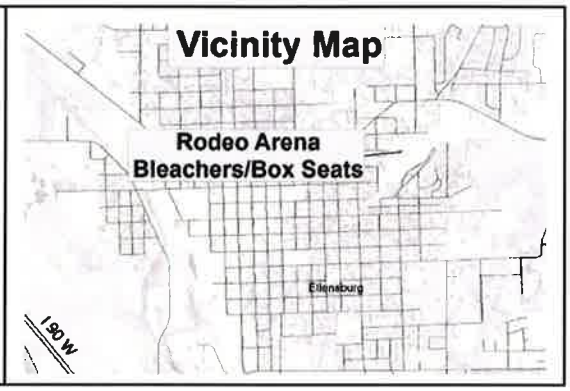
This section includes an inventory of Kittitas Valley Event Center/Fairgrounds facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 4 below also describes each facility's size in order to determine if it addresses the County's long-term community needs.

Table 4
Existing Public Facilities and Services
Kittitas Valley Event Center / Fairgrounds

Facility	*Built date*	*Size*	*Facility*	*Built date*	*Size*
Frontier Village Buildings	1890's	Unknown	Restrooms / R.A. (1)	1960's	2,035 sq. ft.
Grandstand - Main/Heritage Bldg.	1925	18,965 sq. ft.	Fair Office and Restrooms	1974	3,954 sq. ft.
8th Street Ticket Office	1930's	1,568 sq. ft.	Behind the Chutes	1976	1,000 sq. ft.
Souvenir Booth	2004	Unknown	Bloom Pavilion	1980	26,400 sq. ft.
Posse Barn (1)	1940's	3,000 sq. ft.	Restrooms / R.A. (2)	1982	645 sq. ft.
Posse Barn (2)	1940's	4,800 sq. ft.	Maintenance Shop	1986	1,500 sq. ft.
Light Horse Barn	1940's	3,200 sq. ft.	Gazebo	1989	450 sq. ft.
Cattle and Swine Barn	1940's	12,000 sq. ft.	Buckaroo's Stands & Pens	1991	5,984 sq. ft.
Draft Horse Barn	1940's	10,450 sq. ft.	Gold Buckle Building	2001	2,400 sq. ft.
Teanaway/Umtanum Building	1940's	17,556 sq. ft.	Western Village	2004	3,140 sq. ft.
First Rodeo Director's Barn	1940's	3,250 sq. ft.	Fair Storage Shed	2004	600 sq. ft.
Second Rodeo Director's Barn	1940	3,250 sq. ft.	East Rodeo Concession	2005	600 sq. ft.
Dog Barn	1940	1,200 sq. ft.	Bronze Pig Statue	2007	N/A
Ellensburg Armory	1950	13,920 sq. ft.	Rodeo Arena Bleachers	2007	3,950 sq. ft.
Bleachers W. (Covered)	1960's	10,756 sq. ft.	Fair shed (Fuel)	2008	100 sq. ft.
Bleachers E. (Uncovered)	1960's	10,000 sq ft	West Rodeo Concession	Unknown	Unknown

Kittitas Valley Event Center / Fairgrounds – Rodeo Arena Bleachers/Box Seats





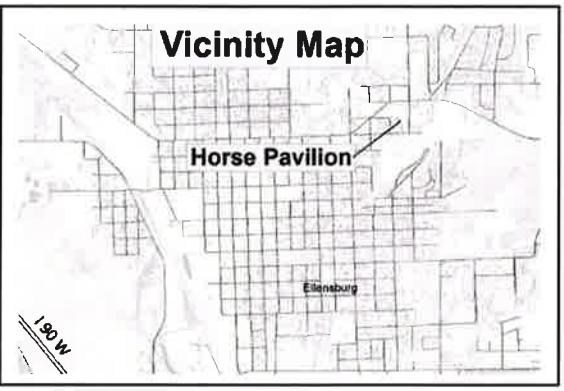
Project Information and Selection Criteria	
Location	901 E. 7th, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Replace old rodeo seating bleachers and box seats
Justification (Need/Demand)	Phase 1 of this project is the replacement of section KK-MM and phase 2 is the replacement of section AA-JJ. The cost to the County for phase 1 is $630,000 and the cost for phase 2 is $2,040,000. Work includes removing existing structures and foundation, site work, new foundations and walls, seating structure and assembly, interior finishing for the skyboxes, fees, and taxes.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		*2022-2026*	*Total*
Design and Engineering			
Construction		$2,670,000	$2,670,000
TOTAL		$2,670,000	$2,670,000

Funding Sources		*2022-2026*	*Total*
Revenue Bonds		$2,670,000	$2,670,000
TOTAL		$2,670,000	$2,670,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Kittitas Valley Event Center and Ellensburg Rodeo

Kittitas Valley Event Center / Fairgrounds – Multi-Purpose Addition to Bloom Pavilion



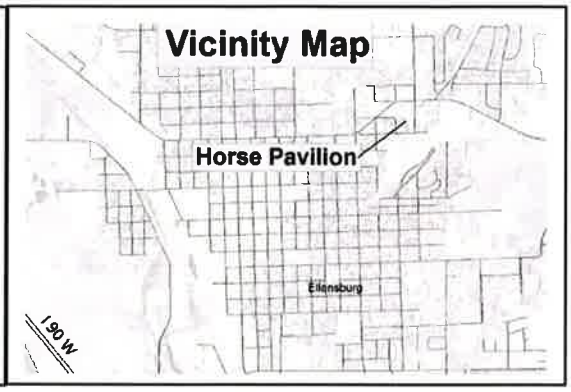
Project Information and Selection Criteria	
Location	Southwest corner of Fairgrounds in Ellensburg
Links to Other Projects or Facilities	N/A
Description	Add a new multi-purpose addition to existing Bloom Pavilion at the Kittitas Valley Event Center to be used for various events and livestock housing.
Justification (Need/Demand)	Equestrian activities and other events take place throughout the year and create demand for additional facilities.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: New Facility
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		*2022-2026*	*Total*
Design and Engineering			
Construction		$1,300,000	$1,300,000
TOTAL		$1,300,000	$1,300,000

Funding Sources		*2022-2026*	*Total*
General Obligation Bonds		$1,300,000	$1,300,000
TOTAL		$1,300,000	$1,300,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Kittitas Valley Event Center

Kittitas Valley Event Center / Fairgrounds – Bloom Pavilion Upgrades



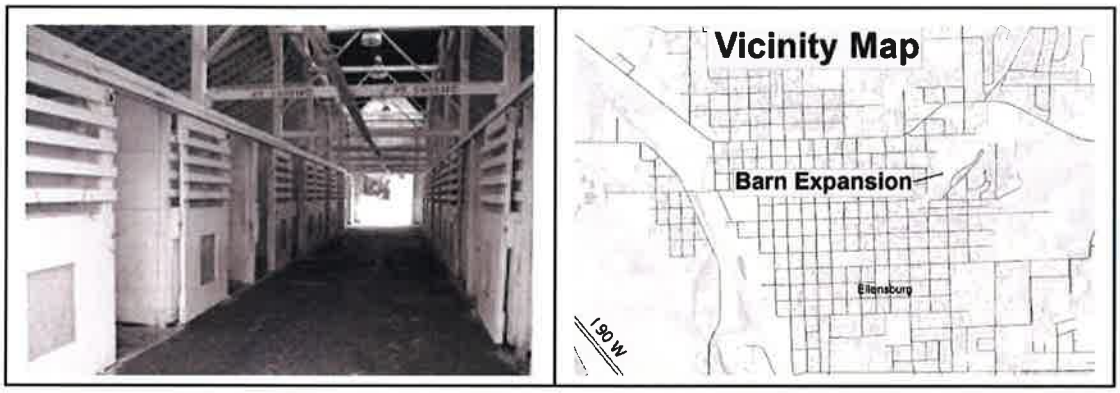
Project Information and Selection Criteria	
Location	Southwest corner of Fairgrounds in Ellensburg
Links to Other Projects or Facilities	N/A
Description	Replace windows and footing in Pavilion and install new protective materials in order to improve multi-purpose usage. Install retractable bleachers along West wall.
Justification (Need/Demand)	Non-equestrian events have created demand for large indoor facilities. Proper equestrian arenas also require footing replacement to maintain safe use. There is an increased demand for spectating at indoor events, but also need to store seating away for certain events.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility Renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		***2022-2026***	***Total***
Design and Engineering			
Construction		$600,000	$600,000
TOTAL		$600,000	$600,000

Funding Sources		***2022-2026***	***Total***
General Obligation Bonds		$600,000	$600,000
TOTAL		$600,000	$600,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	Increased use and type of use will increase revenue
Anticipated Savings Due to Project	None
Department Responsible for Operations	Kittitas Valley Event Center

Kittitas Valley Event Center / Fairgrounds – Barn Expansion



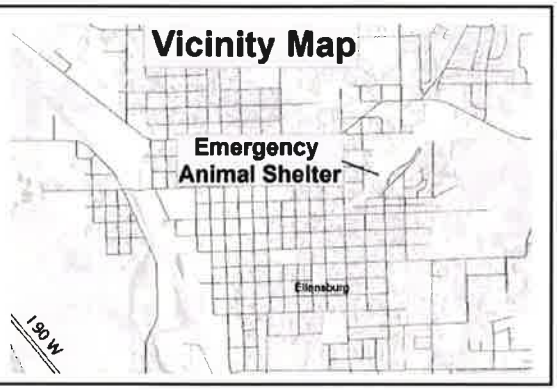
Project Information and Selection Criteria	
Location	901 E. 7th, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Add additional barn space and replace current barn facilities for various types of livestock at the Kittitas Valley Event Center. This upgrade will allow for facilities to be used as emergency animal shelter during an emergency.
Justification (Need/Demand)	Equestrian activities and other livestock events take place throughout the year and create demand for additional facilities.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		2022-2026	Total
Design and Engineering			
Construction		$1,500,000	$1,500,000
TOTAL		$1,500,000	$1,500,000

Funding Sources		2022-2026	Total
General Obligation Bonds		$1,500,000	$1,500,000
TOTAL		$1,500,000	$1,500,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	Increased use will generate more revenue.
Anticipated Savings Due to Project	Maintenance and painting costs lowered.
Department Responsible for Operations	Kittitas Valley Event Center

Kittitas Valley Event Center / Fairgrounds – Emergency Animal Shelter



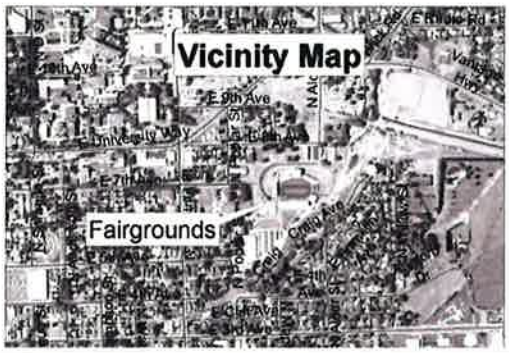
Project Information and Selection Criteria	
Location	901 E. 7th Avenue, Ellensburg
Links to Other Projects or Facilities	N/A
Description	Upgrade existing barn facilities to allow for different types of animal shelter at the Kittitas Valley Event Center. Currently the barn facilities are built for specific animal species and are difficult to alter when being used as an emergency animal shelter during an emergency.
Justification (Need/Demand)	The Kittitas Valley Event Center was used to house animals that were evacuated during the August 2012 fire and the inflexible design made it difficult to provide appropriate shelter for various animals.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		*2022-2026*	*Total*
Design and Engineering			
Construction		$500,000	$500,000
TOTAL		$500,000	$500,000

Funding Sources		*2022-2026*	*Total*
General Fund		$500,000	$500,000
TOTAL		$500,000	$500,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Facilities and Maintenance

Kittitas Valley Event Center / Fairgrounds – Armory Parking Lot Paving



Project Information and Selection Criteria	
Location	901 E 7th Ave, Ellensburg – Armory Building
Links to Other Projects or Facilities	N/A
Description	Pave the gravel parking lot and handicap spaces surrounding the Armory building.
Justification (Need/Demand)	As the highest-tech and most recently remolded facility available, it's become one of the most frequently rented at the fairgrounds. However, event attendees struggle with holding formal events in the building due to multiple year-round issues caused by a dirt parking lot and no safe handicap spaces. It also causes issue during the Kittitas County Fair as one of the epicenters of the carnival. Rides could be placed much more efficiently if the proper ground was available.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility Renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost		***2022-2026***	***Total***
Design and Engineering		$0	$0
Construction		$300,000	$300,000
TOTAL		$300,000	$300,000

Funding Sources		***2022-2026***	***Total***
General Obligation Bonds		$300,000	$300,000
TOTAL		$300,000	$300,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Kittitas Valley Event Center

4. Kittitas County Maintenance Shops, Storage, & Parking

This section includes an inventory of Kittitas County Maintenance shops, storage, and parking facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 5 below also describes facility's size in order to determine if it addresses the County's long-term community needs. The proposed projects for Kittitas County Maintenance Shops, Storage, and Parking are detailed in Appendix A.

Table 5
Existing Public Facilities and Services
Kittitas County Maintenance Shop, Storage, and Parking

Facility	*Department*	*Description*	*Size*
Lower County PWD Heavy Equipment Storage West Shed	Public Works	15th & Okanagon, built 1951	4,875 sq. ft.
Lower County PWD Heavy Equipment Storage East Shed	Public Works	15th & Okanagon, built 1951	4,875 sq. ft.
Lower County PWD Main Heavy Equipment Shop	Public Works	15th & Okanagon, built 1951	6,240 sq. ft.
Sheriff Central Storage	Sheriff	307 Umptanum Rd., built 2009	2,160 sq. ft.
Upper County PWD Repair Shop	Public Works	Third & Short, Cle Elum, built in 1951, remodeled in 2011	3,200 sq. ft.
Upper County PWD Heavy Equipment Storage	Public Works	Third & Short, Cle Elum, built in 1990, remodeled in 2010	2,800 sq. ft.
Vantage Boat Launch Parking Lot	Public Works	Vantage Boat Launch built approx. 1990. Includes large stalls for boats	62 stalls
Armory Parking Lot	Ext, Weed, & Event Ctr	Gravel parking area, not striped	20 stalls
S Courthouse Parking Lot	Courthouse Offices	Off-street parking adjacent to Courthouse	21 stalls
W Courthouse Parking Lot	Courthouse Offices	Off-street parking adjacent to Courthouse	7 stalls
SW 6th Ave. & Water Street	Courthouse Offices	Improved parking lot	44 stalls
NW 6th Ave. & Water Street	Courthouse Offices	Improved parking lot in 2010	58 stalls
NE 6th Ave. & Water Street	Courthouse Offices	Semi-improved parking lot	18 stalls
N Permit Center	Public Works	Improved off-street parking next to bldg.	14 stalls

Table 5 – Continued
Existing Public Facilities and Services
Kittitas County Maintenance Shop, Storage, and Parking

Facility	*Department*	*Description*	*Size*
S Permit Center	CDS	Improved off-street parking next to bldg.	10 stalls
Sheriff Administration Office Parking Lot	Sheriff and Prosecutors	Improved off-street parking next to bldg.	51 stalls
SW Sorenson Building Parking Lot	Public Health	Improved off-street parking next to bldg.	24 stalls
W Upper District Court Building Parking Lot	Upper District	Improved off-street parking next to bldg., 700 1st St., Cle Elum	22 (shared)
Cle Elum Centennial Center - Parking Lot for Public Health services by appointment	Public Health	Improved off-street parking next to bldg., 719 E. 3rd St, Cle Elum. Building space and parking are provided for Upper County Public Health services	30 (shared)
Suncadia / Upper County Sheriff Office Parking Lot	Sheriff	Improved off-street parking next to bldg., 4240 Bullfrog Rd, Suite 1, Cle Elum	22 (shared)
Kittitas Valley Event Center/Fairgrounds Parking Lots	KV Event Center	Does not include the unimproved parking areas used for large events	136
Lower County PWD Shop Parking Lot	Public Works	Unimproved off-street parking next to bldg.	20(approx.)
E UPS Store	Courthouse	Improved off-street parking	35

5. Kittitas County Roads

The Kittitas County's Six-Year Transportation Improvement Plan provides further detail of the facility improvements that were indicated in Table 1. The Six-Year Transportation Improvement Plan is adopted once a year in the fall and amended as needed throughout the first year of the program. Appendix B provides a detailed description of the proposed projects, mapping of the projects, and the funding plan.

To obtain the latest version of this plan go to: Six-Year Transportation Improvement Plan

6. Regional Parks and Trails

This section includes an inventory of Regional Parks and Trails facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 6 below also describes each facility's size in order to determine if it addresses the County's long-term community needs according to level of service standards.

Appendix C provides a detailed description of the proposed projects, mapping of the projects, and the funding plan.

Table 6
Existing Public Facilities and Services
Regional Parks and Trails

Facility	*Provider*	*Description*	*Size*
Coal Mines Trail	Coal Mines Trail Commission, Cle Elum, Roslyn, and Kittitas County	From Cle Elum to Ronald, Northern Pacific Railway bed	10.4 mi
John Wayne Trail / Iron Horse State Park	Washington State Parks Department	From North Bend to Vantage, Chicago-Milwaukee-St. Paul-Pacific Railroad bed.	100 mi
Vantage Boat Launch and Restrooms	Kittitas County	Vantage Boat Launch, built 1990	342 sq ft
The Cove Recreation Area	Grant County PUD and Washington State Parks	West of Huntzinger Road near Wanapum Dam. Public access is for day use from Thursdays through Mondays.	20 acres
Kittitas County Outdoor Recreation Inventory	Varies	All other Parks and Trails are listed in the comprehensive inventory of recreation facilities adopted by reference in the Comprehensive Plan.	varies
Evergreen Sno-Park		1 mile east of Snoqualmie Summit. A trail system comprised of 23 miles.	

7. Solid Waste

This section includes an inventory of Solid Waste facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 7 below also describes each facility's size in order to determine if it addresses the County's long-term community needs.

Table 7
Existing Public Facilities and Services
Kittitas County Solid Waste

Facility	*Built date*	*Size*	*Facility*	*Built date*	*Size*
Ellensburg Scale House (Storage), 801 Industrial Way	1981	160 sq. ft.	Transfer Station - Cle Elum, 50 #5 Mine Rd., Cle Elum	2003	9,000 sq. ft.
Cle Elum Scale House, Hwy 903 Cle Elum	1981	160 sq. ft.	MRW - Cle Elum, 50 #5 Mine Rd., Cle Elum	2003	2,000 sq. ft.
Cle Elum Bunker Building, Hwy. 903 Cle Elum	1981	3,000 sq. ft.	MRW - Ellensburg, 50 #5 Mine Rd., Cle Elum	2001	3,000 sq. ft.
Cle Elum Storage, Hwy. 903 Cle Elum	1981	925 sq. ft.	Office/Admin Bldg., 50 #5 Mine Rd., Cle Elum	2003	120 sq. ft.
Transfer Station Building, 1001 Industrial Way	2000	9,078 sq. ft.	Cle Elum Scale House - new, 50 #5 Mine Rd., Cle Elum	2003	284 sq. ft.
Scale House Bldg., 1001 Industrial Way	2000	1,000 sq. ft.	Ryegrass Equipment Storage, 25900 Vantage Hwy.	1980	1,620 sq. ft.
Transfer Station Office, 925 Industrial Way	1963	1,980 sq. ft.	SW 400 sq. ft. building, 25900 Vantage Hwy.	2008	400 sq. ft.
Transfer Station Shop, 925 Industrial Way	1963	1,680 sq. ft.			

Solid Waste – Relocate Ellensburg Transfer Station and Compost Facility

Project Information and Selection Criteria	
Location	925 Industrial Way, Ellensburg – 50-acre site on Highway 97
Links to Other Projects or Facilities	N/A
Description	Build a new Transfer Station and Compost Facility in the Ellensburg vicinity.
Justification (Need/Demand)	The current transfer station has inadequate access and space. It is also in an environmentally sensitive location.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: New Facility
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering	2,000,000	$2,000,000	$3,000,000
Construction	$3,000,000	$17,000,000	$20,000,000
TOTAL	$5,000,000	$19,000,000	$23,000,000

Funding Sources	*2022*	*2023-2027*	*Total*
Solid Waste Fund/Grant/Loan	$5,000,000	$19,000,000	$23,000,000
TOTAL	$5,000,000	$19,000,000	$23,000,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Solid Waste

Solid Waste – Cle Elum Transfer Station Entrance

Project Information and Selection Criteria	
Location	*Cle Elum Transfer Station 50 No. 5 Mine Rd.*
Links to Other Projects or Facilities	N/A
Description	Construct a new entrance to allow for better queuing for the scales.
Justification (Need/Demand)	Eliminate a traffic hazard on Highway 903
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering	$50,000		$50,000
Construction		$350,000	$350,000
TOTAL	$50,000	$350,000	$400,000

Funding Sources	*2022*	*2023-2027*	*Total*
Solid Waste Fees and Grants	$50,000	$350,000	$400,000
TOTAL			

Annual Operations and Maintenance	
Estimated Costs	$5,000 per year to maintain
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	Solid Waste

8. Library Services

This section includes an inventory of Library Services facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 8 below also describes facility's size in order to determine if it addresses the County's long-term community needs.

Table 8
Existing Public Facilities and Services
Library Services

Facility	*Provider*	*Description*	*Size*
Gilmour Memorial Library (Kittitas)	Kittitas	2nd & Pierce Streets, Kittitas	
Carpenter Memorial Library (Cle Elum)	Cle Elum	302 Pennsylvania Ave., Cle Elum	
Ellensburg Public Library	Ellensburg	209 N. Ruby St, Ellensburg, founded in 1910, recently expanded in 2003.	
Roslyn Public Library	Roslyn	201 S. First St., Roslyn, $3 million remodel began in 2009 to repair and update	

9. Emergency Services

This section includes an inventory of Emergency Services facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 9 below also describes each facility's size in order to determine if it addresses the County's long-term community needs.

Table 9
Existing Public Facilities and Services
Emergency Services

Facility	*Provider*	*Description*	*Size*
Station #11 Thorp	Fire District No. 1	Thorp – 10700 N. Thorp Hwy., all District 43.5 sq. mi. and serves 2,500 residences, built in 2000, remodeled in 2005, 2 engines, 1 Tender, 2 brush trucks, 1 aid unit, and 1 rescue.	6,400 sq. ft.
Station #12 Clark Flats	Fire District No. 1	Thorp - 10941 SR 10, 2 buildings at site, 1 tender, 1 brush truck, and 1 engine	2,300 sq. ft. for both bldgs.
Station #13 Elk Heights	Fire District No. 1	Elk Heights – 1 building at site, and 1 engine.	
Station #21	Fire District 2 (Kittitas Valley Fire and Rescue)	280 sq. mi. for all Dist 2, 2020 Vantage Highway B-211, E-211, T-211, B-212, M-211, M-212, M-213 - Living Quarters – 2020's, Bay – updated 2020, maintenance and training - 2020	
Station #22	Fire District 2	2672 Tjossem E-221 – 2018 Station 22S – 3301 Denmark Road –2015	
Station #24	Fire District 2	4901 4th Parallel Road: B-241, E-241, B-242, T-241 - 2004	
Station #23	Fire District 2	Main St, Kittitas – E-231, B-231, A-231 - 2010	
Station 23 S	Fire District 2	890 Cleman Road, Kittitas – E-232, B-232, T-231 - 2010	
Station #26	Fire District 2	6651 Brick Mill Road – E-261, B-261 – 1940's – anticipate replacing in 2024	
Station #26 Satellite	Fire District 2	2380 Game Farm Road – E-262 – 1950's – anticipate decommission and sale 2022	
Station #27	Fire District 2	8800 Reecer Cr. Rd – E-271 – 1950's	
Station #28	Fire District 2	5640 Cove Road – B-281, E-281, T-281 – 2002	

Table 10 - Continued
Existing Public Facilities and Services Emergency Services

Station #28 Satellite	Fire District 2	51 Barnes Road – E-282 – 1960's	
Facility	*Provider*	*Description*	*Size*
Station #29	Fire District 2	400 E. Mountainview Ave – M-291, M-292, M-293, R-291, B-291, E-291, L-291, E-292 - 2018	
Easton Station	Fire District No. 3 (Easton)	180 Cabin Creek Easton WA. 98925, PO Box 52, 12 sq. mi. for all Dist. 33182 sq. ft., built in 1992, 1- aid car, 1-engine, 2-tankers, 1-rescue truck	3,182 sq. ft.
Vantage Station	Fire District No. 4 (Vantage)	Information Not Available	
Snoq. Pass Station	Fire District No. 5/King FPD No. 51 (Snoqualmie Pass)	1211 SR 906 E. of I 90 Exit 53, houses E291, E292, A291, A292, B291, Brush291, and Snow291 (snowmobile trailer), built in 2011.	16,551 sq. ft.
Station #61	KCFP District No. 6 (Ronald/Lk. Cle Elum)	Serves south end of district / 7 sq. mi. for all Dist. 6.	
Station #62	KCFP District No. 6 (Ronald/Lk. Cle Elum)	14030 Salmon La Sac Road, Ronald, WA 98940. Serves north end of district / 7 sq. mi. for all Dist. 6, 1 engine, 1 brush truck, 1 tender, and 1 aid unit.	
South Cle Elum Fire Station	South Cle Elum	523 Lincoln Ave., South Cle Elum, 1 pumper, 1 utility truck, and serves 0.5 mile area with 580 people. Can handle twice the size area.	1,200 sq. ft.
Station #1 Peoh Point Rd.	Fire District No. 7 (Upper County Area)	80 sq. mi. for all Dist. 7,1 fire engine, 1 wild land brush truck, 1 water tender, 1 aid unit, and ambulance	
Station #2 SR 970 and Airport Rd.	Fire District No. 7	Information Not Available	
Station #3 off I-90 at Golf Course Exit 77	Fire District No. 7	Information Not Available	
Station #4 Ballard Hill Rd.	Fire District No. 7	Information Not Available	
Station #5 Teanaway Valley at Middle Fork Rd.	Fire District No. 7	Information Not Available	

Table 10 - Continued
Existing Public Facilities and Services Emergency Services

Facility	*Provider*	*Description*	*Size*
Station #81	Fire District No. 8 (Kachess)	13 sq. mi. for all Dist. 8, Located in Kachess Village, 1 engine 811, 1 command vehicle, 1 aid car, and 1 brush truck	
Station #82	Fire District No. 8 (Kachess)	Located at intersection of Kachess Lake and Via Kachess Roads, 1 wild land engine, 1 tender/pumper, and rescue snowmobiles & trailer	
Station #83	Fire District No. 8 (Kachess)	Located at intersection of Stampede Pass and Lost Lake Roads, 1 pumper/rescue truck, 1 tender, 1 brush truck, 1 aid car, and 1 support car	
Kittitas Valley Community Hospital	Hospital District No. 1	Located at 603 S. Chestnut. Level IV trauma service & 24-hr emergency care, S. Chestnut St. & E. Manitoba, Ellensburg	81,000
Cle Elum Medical Center	Hospital District No. 2	Located at 201 Alpha Way, Cle Elum. Family Medicine of Cle Elum. No urgent care services provided.	13,500
Cle Elum Urgent Care	Hospital District No. 1	Located at 214 W. 1st St., Cle Elum.	2,864
New Cle Elum Ambulance Garage	Hospital District No. 2	Exact address undetermined. Adjacent to 201 Alpha Way, Cle Elum. Approximate completion date 2021.	8,500
Medical Arts Building	Hospital District No. 1	Located at 100 E. Jackson, Ellensburg. No urgent care services provided at this building. KVH clinics include Pediatrics, Women's Health, Lab, and Family Medicine of Ellensburg. Some space also currently leased to other non-KVH clinical services. TI completed February 2020.	33,671
KVH Physical Therapy	Hospital District No. 1	Located at 301 Mountainview, Ellensburg. Entire building dedicated to physical therapy services. No urgent care services provided. Leased property.	6,912
KVH Occupational Therapy and Speech	Hospital District No. 1	Located at 309 Mountain, Ellensburg. Also houses KVH IT Services. No urgent services provided. Leased property.	6,631
Ellensburg Clinic	Hospital District No. 1	Located at 700 Manitoba, Ellensburg. Houses Internal Medicine, KVH Quality Department, and soon to house	9,434

		Neurology Clinic. No urgent care services provided.	

Table 10 - Continued
Existing Public Facilities and Services Emergency Services

Facility	*Provider*	*Description*	*Size*
Valley Clinic	Hospital District No. 1	Located at 716 Manitoba, Ellensburg. Formally Family Medicine of Ellensburg. This facility is now a pop-up clinic for COVID-19, and Lab annex. No urgent care services provided. Leased property.	7,230
Empty Building	Hospital District No. 1	Located at 708 Manitoba, Ellensburg. This building is currently vacant but will most likely only be used for office space.	1,000
Mediplex	Hospital District No. 1	Located at 611 S. Chestnut, Ellensburg. This has suites A-E and are all clinical use. No urgent care services provided by KVH or tenants.	10,291
Work Place Health	Hospital District No. 1	Located at 702-B Mountainview, Ellensburg. No urgent care services provided. Leased suite.	1,710
Radio Hill Annex	Hospital District No. 1	Located at 1506 Radio Road, Ellensburg. Currently half office space and half storage. Office space for accounting, Home Care, and Hospice. Will most likely never be clinical space. No urgent care services provided.	21,082
Hospice Friends	Friends of Hospice	Located at 302 E. 2nd Ave, Ellensburg. Non-KVH office space for Friends of Hospice. KVH owned.	2,325

Emergency Services – Station 26 Replacement

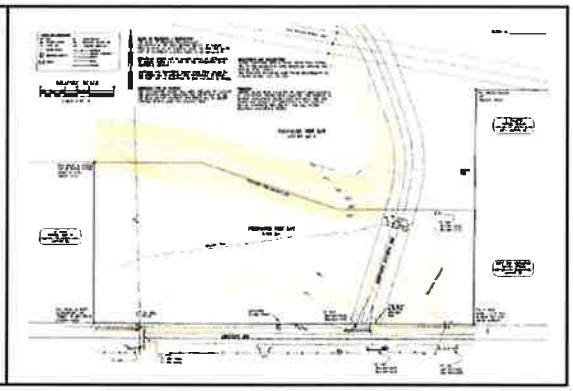
Project Information and Selection Criteria	
Location	Fairview and Brickmill Road
Links to Other Projects or Facilities	N/A
Description	Relocate and replace volunteer station
Justification (Need/Demand)	This project is needed due to property inadequate for current use.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility renovation
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering - property	$250,000	$0	$250,000
Construction	$0	$700,000	$700,000
TOTAL	$250,000	$700,000	$950,000

Funding Sources	*2022*	*2023-2027*	*Total*
Property Tax – existing	$250,000	$700,000	$950,000
TOTAL	$250,000	$700,000	$950,000

Annual Operations and Maintenance	
Estimated Costs	Currently, the County does not track maintenance costs for these improvements.
Estimated Revenues	None
Anticipated Savings Due to Project	None
Department Responsible for Operations	Kittitas Valley Fire and Rescue

Emergency Services – Upper County Search and Rescue/Emergency Management Base



Project Information and Selection Criteria	
Location	Airport Rd off Cle Elum Airport Access Rd
Links to Other Projects or Facilities	Replaces leased SAR Bldg in Ellensburg; location from proposed land/facility swap with City of Cle Elum.
Description	Base of operations for county SAR and Emergency Management; also SAR and EM training facility and Emergency Operations Center.
Justification (Need/Demand)	Current SAR bldg. is dilapidated and inadequate; a west county location is better for SAR response.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: New facility
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering	$50,000		
Construction	$600,000	$3,350,000	
TOTAL	$650,000	$3,350,000	$4,000,000

Funding Sources	*2022*	*2023-2027*	*Total*
General Fund	$650,000	$3,350,000	$4,000,000
TOTAL			$4,000,000

Annual Operations and Maintenance	
Estimated Costs	Currently the county does not track maintenance costs for these improvements
Estimated Revenues	n/a
Anticipated Savings Due to Project	n/a
Department Responsible for Operations	Sheriff's Office

Emergency Services – Sheriff's Office Upper County Precinct

Project Information and Selection Criteria	
Location	Cle Elum area
Links to Other Projects or Facilities	Possibly a shared facility with Cle Elum PD
Description	Base for convenient law enforcement services to upper county including dedicated patrol, investigations, records and other front office services
Justification (Need/Demand)	Growth and development of the upper county create increased need for focused law enforcement presence. A shared facility would create efficiencies, avoid duplication and make a one-stop-cop-shop for the upper county.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: New facility
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering		$100,000	$100,000
Construction		$3,000,000	$3,000,000
TOTAL		$3,100,000	$3,100,000

Funding Sources	*2022*	*2023-2027*	*Total*
General Fund		$3,100,000	$3,100,000
TOTAL			

Annual Operations and Maintenance	
Estimated Costs	Currently the county does not track maintenance costs for these improvements
Estimated Revenues	n/a
Anticipated Savings Due to Project	n/a
Department Responsible for Operations	Sheriff's Office

Emergency Services – Kittitas Valley Hospital Materials Management and Radiology Expansion

Project Information and Selection Criteria	
Location	*603 S Chestnut*
Links to Other Projects or Facilities	
Description	Remodel of existing space in surgery and an expansion of 4000 square feet that will serve surgery, materials management and radiology. The expansion will add a 2nd CT to radiology, add an operating room, and expand central sterile and materials management. The expansion will displace parking so new parking on north end of property is proposed. This project under design now and projected to be 2022 and 23 project.
Justification (Need/Demand)	Kittitas county has grown so the hospital has increased its outpatient surgeries and is now requiring more OR space. Materials management is also in need of expansion to support all the supplies for the higher surgical load and patient count in general. The radiology addition will add a 2nd CT needed for patient volume and provide redundancy.
Level of Service (LOS) / Project Type	Expansion and renovation.
Comprehensive Plan Citations	

Capital Cost	2022	2023-2027	Total
Design and Engineering	$1,075,254		*$1,075,254*
Construction	$8,442,355		*$8,442,355*
TOTAL	$9,517,609		*$9,517,609*

Funding Sources	2022	2023-2027	Total
Commissioner approved bond			
TOTAL			

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Emergency Services – Kittitas Valley Hospital Dietary Renovation

Project Information and Selection Criteria	
Location	*603 S Chestnut*
Links to Other Projects or Facilities	
Description	Remodel café and add new square footage in courtyard.
Justification (Need/Demand)	Goal is to add seating area, create better flow through serving area, add food options in serving area, and a general refresh of finishes. Also to provide more options for visitors at night with vending and seating options.
Level of Service (LOS) / Project Type	Renovation
Comprehensive Plan Citations	

Capital Cost	2022	2023-2027	Total
Design and Engineering	$141,010		*$141,010*
Construction	$636,185		*$636,185*
TOTAL	$777,195		*$777,195*

Funding Sources	2022	2023-2027	Total
Commissioner approved bond			
TOTAL			

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Emergency Services – Kittitas Valley Hospital Grounds Improvement

Project Information and Selection Criteria	
Location	603 S Chestnut
Links to Other Projects or Facilities	
Description	Hospital grounds renovation, exterior building improvements, and traffic flow improvements.
Justification (Need/Demand)	Goal is to minimize confusion in traffic flow, remove physical barriers for site, add some parking, reduce maintenance needs, reduce water use, and needed face lift on the building.
Level of Service (LOS) / Project Type	Renovation
Comprehensive Plan Citations	

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering	$224,700		*$224,700*
Construction	TBD		
TOTAL			

Funding Sources	*2022*	*2023-2027*	*Total*
Commissioner approved bond			
TOTAL			*TBD*

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

10. Education

This section includes an inventory of education facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 10 below also describes each facility's size in order to determine if it addresses the County's long-term community needs.

Table 10
Existing Public Facilities and Services
Education

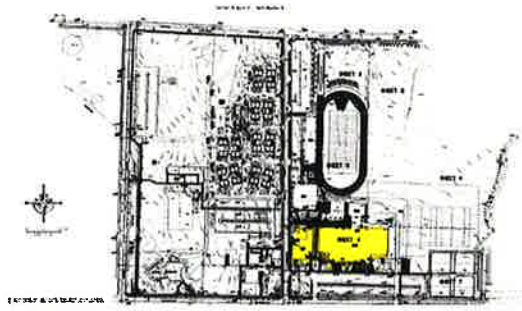
Facility	*Provider*	*Description*	*Size*
Central Washington University	Washington State	Comprehensive public university main campus, 1500 employees, 94 buildings	11,110 students statewide (fall 2020)
Cle Elum / Roslyn High School	Cle Elum/ Roslyn School District	2692 - SR 903, Cle Elum, 9th grade to 12th grade	239 students
Cle Elum / Roslyn Elementary School	Cle Elum/ Roslyn School District	2696 - SR 903, Cle Elum, pre-school, Kindergarten to 5th grade	348 students
Cle Elum / Roslyn Alternative School	Cle Elum/ Roslyn School District	200 W. Oakes St., Cle Elum, 3rd grade to 12th grade	38 students
Walter Strom Middle School	Cle Elum/ Roslyn School District	2694 - SR 903, Cle Elum, 6th grade to 8th grade	221 students
Cle Elum/ Roslyn School District Music Building	Cle Elum/ Roslyn School District	Music Building for Walter Strom Middle School and Cle Elum-Roslyn Middle School	
Cle Elum/ Roslyn School District Transportation Facility	Cle Elum/ Roslyn School District	School bus covered parking, maintenance facility, and transportation staff office building.	
Damman Elementary School	Damman School District	Kindergarten to 6th grade, 1 school, 2 teachers, 3712 Umptanum Rd.	38 students
Easton Elementary, Jr., Sr. High School	Easton School District	1893 Railroad St., Easton	127 students
Lincoln Elementary School	Ellensburg School District	26 classroom teachers, 200 S. Sampson St., Ellensburg	454 students
Mount Stuart Elementary School	Ellensburg School District	27 classroom teachers, 705 W. 15th Ave., Ellensburg	434 students
Valley View Elementary School	Ellensburg School District	26 classroom teachers, 1508 E. 3rd Ave., Ellensburg	526 students

Morgan Middle School	Ellensburg School District	40 classroom teachers, 400 E. 1st Ave., Ellensburg	752 students

Table 10 - Continued
Existing Public Facilities and Services
Education

Facility	*Provider*	*Description*	*Size*
Ellensburg High School	Ellensburg School District	40 classroom teachers of a total 67 professional staff, 1203 E. Capitol Ave., Ellensburg	926 students
Kittitas Elementary School	Kittitas School District	Kindergarten to 5th grade, 7571 Kittitas Hwy, Kittitas	258 students
Kittitas High School	Kittitas School District	6th grade to 12th grade, 7571 Kittitas Hwy, Kittitas	282 students
Parke Creek Treatment Center	Kittitas School District	11042 Parke Creek Rd.	15 students
Thorp Elementary, Jr., and Sr. High Schools	Thorp School District	Kindergarten to 12th grade, 10831 N. Thorp Hwy, Thorp	164 students

Education – CWU, Health Education, Ellensburg, WA



Project Information and Selection Criteria	
Location	Parcel # 313534, E Dean Nicholson Blvd, CWU campus, Ellensburg, WA 98926
Links to Other Projects or Facilities	Purser Hall – West adjacent
Description	Renovation and expansion of existing Nicholson Pavilion for academic programs supporting Health Education.
Justification (Need/Demand)	The Health Education project modernizes and expands facilities for the Department of Sport and Movement studies (SAMS) and the Bachelor of Science in Physical Education and School Health (PESH) degree program, which is one of the largest providers of public-school health and fitness teachers for Washington State.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Facility Renovation
Comprehensive Plan Citations	N/A

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering			
Construction	$55,505,000	Incl. in 2022	$55,505,000
TOTAL	$55,505,000	Incl. in 2022	$55,505,000

Funding Sources	*2022*	*2023-2027*	*Total*
State OFM Capital	$55,505,000	Incl. in 2022	$55,505,000
TOTAL	$55,505,000	Incl. in 2022	$55,505,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	Office of the Provost serving SAMS & PESH

Education – CWU, 1200 Ton Chiller Addition, Ellensburg, WA

Project Information and Selection Criteria	
Location	205 E 11th, CWU campus, Ellensburg, WA 98926
Links to Other Projects or Facilities	Purser Hall – West adjacent
Description	The addition of a 1200-ton chiller at the Central Energy plant that promotes the reliability and securing of institutional cooling.
Justification (Need/Demand)	CWU will not have enough cooling capacity redundancy when the new Health Science building is completed for occupancy in January 2022. Failure to secure an additional chiller creates significant risk of temperature control for science facilities and critical lab equipment.
Level of Service (LOS) / Project Type	Established LOS: N/A Project Type: Infrastructure
Comprehensive Plan Citations	N/A

Capital Cost	*2022*	*2023-2027*	*Total*
Design and Engineering	$367,647		$367,647
Construction	$2,821,353		$2,821,353
TOTAL	$3,189,000		$3,189,000

Funding Sources	*2022*	*2023-2027*	*Total*
State OFM Capital	$3,189,000		$3,189,000
TOTAL	$3,189,000		$3,189,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	Office of Operations

Education – Ellensburg School District, Ida Nason Aronica School

Project Information and Selection Criteria	
Location	Ida Nason Aronica Elementary, 2100 North Cora Street
Links to Other Projects or Facilities	
Description	Construct fourth elementary
Justification (Need/Demand)	Construct fourth elementary to bring unhoused students into school building from portables
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering	$347,021	$1,394	$348,415
Construction	$6,932,522	$26,358	$6,958,880
Professional services & FF&E	$1,032,151	$4,145	$1,036,296
Other developmental costs	$72,470	$291	$72,761
Contingencies	$42,534	$171	$42,705
TOTAL	$8,426,698	$32,359	$8,459,057

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Commissioner approved bond	$4,309,885		$4,309,885
State match	$2,056,813	$32,359	$2,089,172
ESSER	$1,300,000		$1,300,000
Other sources (interest, City, general fund transfer)	$760,000		$760,000
TOTAL	$8,426,698	$32,359	$8,459,057

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, New Mt. Stuart Elementary New-in-Lieu

Project Information and Selection Criteria	
Location	Mt. Stuart Elementary, 1701 North Cora Street
Links to Other Projects or Facilities	
Description	New building, replacement school
Justification (Need/Demand)	Replace 1967 building deemed more costly to repair than replace. Remove portables to bring all students into the one building rather than temporary housing.
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering	$308,654		$308,654
Construction	$2,944,392		$2,944,392
Professional services & FF&E	$860,353		$860,353
Other development costs	$60,644		$60,644
Contingencies	$2,673		$2,673
TOTAL	$4,176,716		$4,176,716

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
State match	$4,176,716		$4,176,716
TOTAL	$4,176,716		$4,176,716

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, Mt. Stuart Elementary Early Learning Center

Project Information and Selection Criteria	
Location	Mt. Stuart Elementary Early Learning Center, 705 West 15th Avenue
Links to Other Projects or Facilities	
Description	Remodel building and portable
Justification (Need/Demand)	Remodel existing annex building located at the Mt. Stuart Elementary campus to house the Early Learning Center Preschool. Students are currently housed at CWU in rented space.
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering	$15,635		$15,635
Construction	$250,670		$250,670
Other development costs	$10,000		$10,000
Contingencies	$20,760		$20,760
TOTAL	$297,065		$297,065

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Commissioner approved bond	$26,058		$26,058
Other sources (interest, grant)	$271,007		$271,007
TOTAL	$297,065		$297,065

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, Tennis Courts, Joint with City of Ellensburg

Project Information and Selection Criteria	
Location Proposed	Mountain View Park
Links to Other Projects or Facilities	
Description	Construct tennis courts
Justification (Need/Demand)	Contribute $250,000 to City of Ellensburg's tennis court construction project in lieu of future fees for use.
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering		$250,000	$250,000
Construction			
TOTAL		$250,000	$250,000

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
General Fund		$250,000	$250,000
TOTAL		$250,000	$250,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, TVF Support to Increased Student Grown/30-Year Bus Replacement

Project Information and Selection Criteria	
Location	Transportation Dept., 1300 East Third Avenue
Links to Other Projects or Facilities	
Description	30-year bus replacement cycle
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering			
Purchase		$683,552	$683,552
TOTAL		$683,522	$653,552

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
General Fund Transfers		$683,522	$683,552
TOTAL		$683,552	$683,552

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, Valley View Elementary Parking Lot Improvements

Project Information and Selection Criteria	
Location	Valley View Elementary, 1508 East Third Avenue
Links to Other Projects or Facilities	
Description	Improve parking lots to the north, south and west sides of Valley View Elementary.
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering			
Construction			
TOTAL		$286,663	$286,663

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
General Fund Transfer		$286,663	$286,663
TOTAL		$286,663	$286,663

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, Valley View Elementary Bus Loading/Unloading

Project Information and Selection Criteria	
Location	Valley View Elementary, 1508 East Third Avenue
Links to Other Projects or Facilities	
Description	Dedicated bus loading/unloading area fencing
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering			
Construction	$50,000		$50,000
TOTAL	$50,000		$50,000

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
General Fund transfer	$50,000		$50,000
TOTAL	$50,000		$50,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, Lincoln Elementary Remodel/Addition

Project Information and Selection Criteria	
Location	Lincoln Elementary, 200 South Sampson Street
Links to Other Projects or Facilities	
Description	Remodel/Addition
Justification (Need/Demand)	Upgrades to seismic, HVAC, addition of gym and elevator, remodel of existing structure, removal of portables to bring all students into the one building rather than temporary housing
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FY 2022-2027*	*Total*
Design and Engineering			
Construction	$10,985,235	$5,584,053	$16,569,288
Professional Services & FF&E	$648,170	$216,057	$864,227
Contingencies	$540,000	$30,780	$570,780
TOTAL	$12,173,405	$5,830,890	$18,004,295

Funding Sources	*FY 2021-2022*	*FY 2022-2027*	*Total*
Commissioner approved bond	$9,023,210		$9,023,210
State match		$8,531,085	$8,531,085
Other sources (interest)	$450,000		$450,000
TOTAL	$9,473,210	$8,531,085	$18,004,295

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, Valley View Elementary Blvd Resurfacing

Project Information and Selection Criteria	
Location	Valley View Elementary, 1508 East Third Avenue
Links to Other Projects or Facilities	
Description	Valley View Blvd resurfacing
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering			
Construction			
TOTAL		$300,000	$300,000

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
General Fund transfer		$300,000	$300,000
TOTAL		$300,000	$300,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, Maintenance Warehouse

Project Information and Selection Criteria	
Location	Maintenance Dept., 1300 East Third Avenue
Links to Other Projects or Facilities	
Description	Construct maintenance/grounds equipment warehouse
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering		$75,000	$75,000
Construction		$225,000	$225,000
TOTAL		$300,000	$300,000

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
General Fund transfers		$300,000	$300,000
TOTAL		$300,000	$300,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, New Ellensburg High School Portable Relocation

Project Information and Selection Criteria	
Location	Ellensburg High School, 1203 East Capitol Avenue
Links to Other Projects or Facilities	
Description	Relocate two portables to high school campus to house Special Programs
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FY 2023-2027*	*Total*
Design and Engineering	$200,000	$0	$200,000
Construction	$15,000	$0	$15,000
TOTAL	$215,000	$0	$215,000

Funding Sources	*FY 2021-2022*	*FY 2023-2027*	*Total*
Commissioner approved bond	$25,000	$0	$25,000
General Fund transfer	$190,000	$0	$190,000
TOTAL	$215,000	$0	$215,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District, New IT Mitigation Plan

Project Information and Selection Criteria	
Location	Information Technology Dept., 1300 East Third Avenue
Links to Other Projects or Facilities	
Description	IT Mitigation
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	CF-G4, CF-P28

Capital Cost	*FY 2021-2022*	*FY 2022-2027*	*Total*
Purchase	*$769,500*	*$5,069,427*	*$5,838,927*
TOTAL	*$769,500*	*$5,069,427*	*$5,838,927*

Funding Sources	*FY 2021-2022*	*FY 2022-2027*	*Total*
Tech Levy	*$769,500*	*$5,069,427*	*$5,838,927*
TOTAL	*$769,500*	*$5,069,427*	*$5,838,927*

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District Central Office HVAC

Project Information and Selection Criteria	
Location	District Central Office, 1300 East Third Avenue
Links to Other Projects or Facilities	
Description	Replace HVAC
Justification (Need/Demand)	Replace HVAC for More Efficient System
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering		$50,000	$50,000
Construction		$250,000	$250,000
TOTAL		$300,000	$300,000

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
ESSER		$300,000	$300,000
TOTAL		$300,000	$300,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

Education – Ellensburg School District Mt. Stuart Elementary Parking Lot Resurfacing

Project Information and Selection Criteria	
Location	Mt. Stuart Elementary, 705 West 15th Avenue
Links to Other Projects or Facilities	
Description	Mt. Stuart Elementary Resurfacing
Justification (Need/Demand)	
Level of Service (LOS) / Project Type	
Comprehensive Plan Citations	

Capital Cost	*FY 2021-2022*	*FYs 2022-2027*	*Total*
Design and Engineering			
Construction			
TOTAL		$150,000	$150,000

Funding Sources	*FY 2021-2022*	*FYs 2022-2027*	*Total*
General Fund transfer		$150,000	$150,000
TOTAL		$150,000	$150,000

Annual Operations and Maintenance	
Estimated Costs	
Estimated Revenues	
Anticipated Savings Due to Project	
Department Responsible for Operations	

11. Water - Group A Systems

This section includes an inventory of Water – Group A Systems facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 11 below also describes facility's size in order to determine if it addresses the County's long-term community needs.

Table 11
Existing Public Facilities and Services
Water (Group A Systems)

Facility	*Provider*	*Description*	*Size*
Ronald Water System	Kittitas County Water District No. 2, Special District Community provider	Serves 227 persons with 119 connections, 150 total approved connections. Effective since 1/1/1970.	125,000 gal
Thorp Water System	Kittitas County Water District No. 4, Special District Community provider	Serves 250 persons with 116 connections, 209 total approved connections. Effective since 7/1/1987.	156,000 gal
Elk Meadows Water System	Kittitas County Water District No. 5, Community provider	141 Swallow Ln, Cle Elum, serves 600 persons with 296 connections, 340 total approved connections. Effective since 1/1/1970.	75,000 gal
Easton Water System	Easton Water District, Community provider	141 Swallow Ln, Cle Elum, serves 250 residential persons with 211 connections, 405 total approved connections. Effective since 1/1/1970.	195,000 gal
Sunlight Waters Water System	Kittitas County Water District No. 7, Special District Community provider	1710 Sunlight Dr., Cle Elum, serves 380 residential persons and 169 non-residential persons with 225 connections, 267 total approved connections. Effective since 1/1/1970.	200,000 gal
Vantage Water System	Vantage Water System, Investor Community provider	Serves 73 residential persons with 80 connections, 129 total approved connections. Effective since 1/1/1970.	50,000 gal
Evergreen Valley Water System	Evergreen Valley Utilities, Investor Community provider	Serves 35 residential persons and 5 non-residential persons with 262 connections, 411 total approved connections. Effective since 3/2/2004.	120,000 gal
Reservoir Hill Water System	Reservoir Hill Maintenance Association, Private Community provider	South Cle Elum, serves 33 residential persons with 20 connections, 25 total approved connections. Effective since 2/25/1999.	20,000 gal

Table 11 - Continued
Existing Public Facilities and Services
Water (Group A Systems)

Facility	*Provider*	*Description*	*Size*
Central Mobile Home Park	Central Mobile Home Park, Private Community provider	Wilson Creek Rd. mobile home park, serves 110 residential persons with 52 connections, 52 total approved connections. Effective since 1/1/1970.	2,100 gal
Snoqualmie Pass	Private - Snoqualmie Pass Utility District	Well capacity of 385 gallons per minute and 3 reservoirs storing 565,000 gallons. Serves 500 residential persons with 921 connections and 1053 approved connections.	1,361 acres
Pine Loch Sun Beach Club Water System	Private Community provider	Serves 90 residential persons with 409 calculated connections, 439 total approved connections. Effective date of 1/1/1970	137,000 gal
Sky Meadows Ranch Country Club WTR	Private Community provider	Serves 30 residential persons with 327 calculated connections and 453 total approved connections. Effective system date of 1/1/1970	187,278 gal
Sun Country Estates 1-2-3 Water System	Private Community provider	Serves 219 residential persons with 217 total calculated connections and 300 total approved connections. Effective date of 1/1/1970.	258,600 gal
Swiftwater Trailer Park	Swiftwater Trailer Park, Private Community provider	S. Cle Elum mobile home park, serves 30 residential persons with 19 total calculated connections and 24 total approved connections. Effective system date of 1/1/1970.	0 gal
Wildwood 2 & 3 Water System	Private Community Provider	Serves 45 residential persons with 51 total calculated connections & 78 total approved connections. Effective system date of 1/1/1970.	45,000 gal
Grasslands Park	Private Community Provider	Serves 29 residential persons with 14 total calculated connections and 14 total approved connections. Effective system date of 12/20/2006.	0 gal
Millpond Mobile Manor	Investor Community Provider Millpond Mobile Manor	Serves 245 residential persons with 105 total calculated connections and 105 total approved connections. Effective system date of 1/1/1970.	0 gal
Suncadia Resort	Investor Community Provider	Serves 726 residential persons 992 active connections and 1501 total approved connections .Effective system date of 5/29/2008.	1,070,000 gal

Table 11 - Continued
Existing Public Facilities and Services
Water (Group A Systems)

Facility	*Provider*	*Description*	*Size*
Driftwood Acres Maintenance Corporation	Association Community Provider	Serves 60 residential persons with 13 total calculated connections and 141 total approved connections. Effective system date of 1/1/1970.	100,000 gal
Sun Island Maintenance Assn.	Association Community Provider	Serves 30 residential persons with 115 total calculated connections and an undetermined number of total connections. Effective system date of 1/1/1970.	0 gal
Grasslands Water System	Association Community Provider	Serves 260 residential persons with 75 total calculated connections and 81 total approved connections. Effective system date of 1/1/1970.	21,000 gal

12. Sanitary Sewer

This section includes an inventory of Sanitary Sewer facilities and a detailed description of each facility improvement that is included in the six-year plan. The inventory of facilities in Table 12 below also describes each facility's size in order to determine if it addresses the County's long-term community needs.

Table 12
Existing Public Facilities and Services
Sanitary Sewer

Facility	*Provider*	*Description*	*Size*
Ellensburg treatment facilities	Kittitas County Utility District	Serves within Ellensburg city limits and has a capacity of 2.5 M – 3.5 M gpd that flows to the Yakima River.	
Ronald treatment facilities	Kittitas County Water District No. 2	Single lift station that conveys wastewater flows from the Water District area to the City of Roslyn sewer system.	37 acres
Snoqualmie Pass Utility District	Snoqualmie Pass Utility District	Average daily flow approximately 170000 mgd., permitted treatment and discharge capacity of 0.368 mgd. and storage of excess flows of about 30 mill. Gal. Serving 638 customers total. Lagoon normal storage is 10.5 MG with an additional 10 MG emergency storage.	1,799 acres
Vantage wastewater collection and treatment system	Vantage Water District No. 6	Serves Vantage LAMIRD, wastewater collection and treatment system, capacity of about 87,000 gpd. Major upgrades completed in 2013.	80 residences
Upper Kittitas County Regional Wastewater Treatment Facility	City of Cle Elum	Sequential Batch Reactor Facility. Capacity is 3.6 million gpd and can take instantaneous flow of up to 10 million gpd.	

13. Kittitas County Flood Control Zone District

The Kittitas County's Flood Control Zone District capital improvement plan is further detailed in Appendix D. Appendix C provides a detailed description of the proposed projects, mapping of the projects, and the funding plan.

Frequently Asked Questions

Question 1: How does the County determine priorities for the projects listed in the CFP?

Answer: This CFP provides general guidance on prioritizing public facility projects. Each project proposal is reviewed by the CFP Task Force using the following criteria:

1. Improvements to obsolete or worn out existing public facilities that achieve or maintain adopted levels of service.
2. New or expanded public facilities that achieve or maintain adopted levels of service.
3. Improvements to existing public facilities or new public facilities that eliminate hazards.
4. New or expanded public facilities that achieve or maintain adopted levels of service as forecasted during the next six-years.
5. Improvements to existing public facilities or new public facilities that reduce the operating cost of providing a public service or facility.
6. New facilities that provide excess capacity that will be needed beyond the next six-years.
7. All other facilities the County is obligated to complete that do not meet the criteria above.
8. Availability of funding.

The Board of County Commissioners make the final determination of the priority order of the projects listed in the CFP.

Question 2: Are projects automatically given funding in priority order?

Answer: No, if grant funds are applied for and received, chances are good that the grant funded project will become a priority. Grant funds awarded become new and additional revenue to the County, above and beyond the County's current resources. The County continually looks for ways to reduce the reliance on General Fund dollars for capital projects to stretch current resources.

Question 3: Will a project that is partially funded be listed in the CFP?

Answer: It depends. If the project is still in-progress, but no additional money is needed beyond what has already been appropriated, it will not show up in the CFP in future years. If the project does need additional funds appropriated beyond the current level of funding, it will continue to show up in the CFP.

Question 4: Are all projects in the CFP completed within the next 6 years?

Answer: No, for several reasons. First, the CFP is annually reviewed and amended to verify that fiscal resources are available. Second, the need for capital facilities is generated by population growth, existing facility deficiencies, major facility maintenance and repair needs, internal operations, and Comprehensive Plan goals and policies. There is a need to continually assess which projects are affected and should be considered a priority. As a result, project estimates and timelines may change.

Question 5: What does level of service (LOS) mean?

Answer: The LOS is a quantifiable measure of the amount of public facilities that is provided, such as acres of park land per capita, vehicle capacity of intersections, or water pressure per square inch available for water system.

Question 6: What is concurrency?

Answer: All public facilities that are needed to serve new development or a growing service area population, must be in place at the time of initial need. If the facilities are not in place, a financial commitment must have been made to provide the facilities within six-years of the time of the initial need and must have the capacity to serve the new development or a growing service area population without decreasing service levels below locally established minimum standards.

Question 7: How do I get involved in the CFP process?

Answer: Information on the CFP process will be posted on the County's website at the following address: https://www.co.kittitas.wa.us/cds/land-use/default.aspx. To receive email updates on when new information is posted, you can subscribe to Kittitas County's email notification subscription service for "Comprehensive Plan Announcements." All persons can provide written or verbal comments to the Planning Commission and to the Commissioners, before or during the scheduled public hearings.

APPENDIX A

Kittitas County Maintenance Shops, Storage, Parking, Pits/Quarries

2022 Equipment Rental & Revolving Preliminary Budget

The Director of Public Works manages the Kittitas County Equipment Rental and Revolving (E. R. & R.) Fund. The E. R. & R. The purpose of the fund is to account for the financing of goods and services provided primarily to the road fund.

The following Services are Provided by the ER&R Fund:

Administration-The Administration division provides financial management and administration for the divisions within the E. R. & R. Fund. Services include asset management, developing rental rates and inventory management. Revenues are provided

Pits and Quarries -The Pits & Quarries division manages the pits and stockpiles of rock owned by Kittitas County. The rock stockpiled in these pits is purchased by the County Road Fund for use on county road maintenance and construction projects and winter road sanding operations. In addition to county owned pits, we also solicit bids from private vendors for maintenance rock used by the County Road Fund. Revenues are provided through sales of county owned rock primarily to the County Road

Mechanic Shop - The Mechanical Shop division is responsible for maintaining the fleet of vehicles utilized by the County Road Fund. This division also maintains the County mechanical shop facilities. The division includes two mechanics and one shop foreman. Kittitas County also sublets light duty vehicle preventive maintenance such as lube and oil changes to local vendors.

Central Stores - The Central Stores maintains a supply of culvert pipe and guardrail used by the County Road Fund in the event of unscheduled repairs. For scheduled construction projects culvert pipe and guardrail are purchased direct by the road fund as these materials do not require storage. Revenues are provided through the sales of materials to the County Road

Rental Services - The Equipment Rental Services accounts for the maintenance and operation of the vehicles and equipment used primarily by the County Road Fund. Revenues are provided through adopted equipment rental rates. Rates are established to cover the operating costs of the equipment (fuel, insurance, repairs) and a replacement factor to cover inflation

Sign Fabrication Shop - This functionality is being moved to Road Maintenance.

Primary Goal for 2022 - The primary goal for ER&R for 2022 is to complete acquisition of land supporting relocation of the Lower County Shop. Public Works proposes acquiring approximately five acres of land from Solid Waste along SR 907 allowing colocation with the new Lower County Solid Waste Transfer Station.

KITTITAS COUNTY
2022-2027
SIX YEAR ROAD MAINTENANCE CAPITAL PLAN

	CAPITAL IMPROVEMENT PROJECT NAME	2022 Estimated Cost	2022 Estimated Revenue	2023 Estimated Cost	2023 Estimated Revenue	2024 Estimated Cost	2024 Estimated Revenue	2025 Estimated Cost	2025 Estimated Revenue	2026 Estimated Cost	2026 Estimated Revenue	2027 Estimated Cost	2027 Estimated Revenue	Project Total		ER&R Fund 501	Airport Fund 101	Flood Control Fund 107	Federal Aviation Admin Grant	Bond Sale
1	Upper County Maintenance Shop													400						
	Automated wash bay design and construction											400								
2	Lower County Maintenance Shop													8,650						
	Land acquisition	500														500				
	Preliminary design complete supporting permitting and bond sale formulation.			250												250				
	Bond council and bond sale.					150										150				
	Final building and site design,							250								250				
	Building and Site construction.									8,000						500				7,500
	Surplus of existing facility.										(500)					(500)				
3	Hyak Joint Maintenance Facility with SPUD													-						
	Ongoing Operations, On Capital Improvements Planned.																			
4	Hansen Pit													1,750						
	Advanced mitigation evaluation and preliminary design																			
	Final mitigation design and implementation of Phase 1	250															125	125		
	Final mitigation implementation of plan actions.			1,500															1,500	
5	Other pits and quarries													-						
	Ongoing Operations, On Capital Improvements Planned.																			
		750	0	1750	0	150	0	250	0	8000	-500	400	0	10400	Totals	1150	125	125	1500	7500
		750		1750		150		250		7500		400								
	ANNUAL CAPITAL IMPROVEMENT TOTALS (-)	750		1,750		150		250		7,500		3,200								
	OTHER FUNDS (GRANTS,BONDS)(+)	-		1,500		-		-		7,500		-								
	NET LOCAL FUNDS NEEDED	750		250		150		250		-		3,200								

APPENDIX B

Kittitas County Six-Year Transportation Plan

Appendix B

Kittitas County Department of Public Works Capital Facility Plan 2022-2027

Prepared on September 23, 2021

Revised October 13, 2021

Introduction:

Annually Kittitas County Department of Public Works develops a listing of county road and bridge improvements for Board of County Commission consideration. The listing is accompanied by a public outreach effort. Public comments are evaluated, and staff adjusts the original proposal that is then finalized and presented to the Board of County Commissioners during the annual County budget process. Given the complexity of municipal engineering, environmental permitting, right of way acquisition and construction; Public Works schedules projects an additional five years beyond the first budget year. The planning schedule includes programmed funding amounts and sources along with project forecast expenses. The schedule identifies the various projects beginning in the first budget year (2022) extending to the last program year (2027).

2022-2027 Plan:

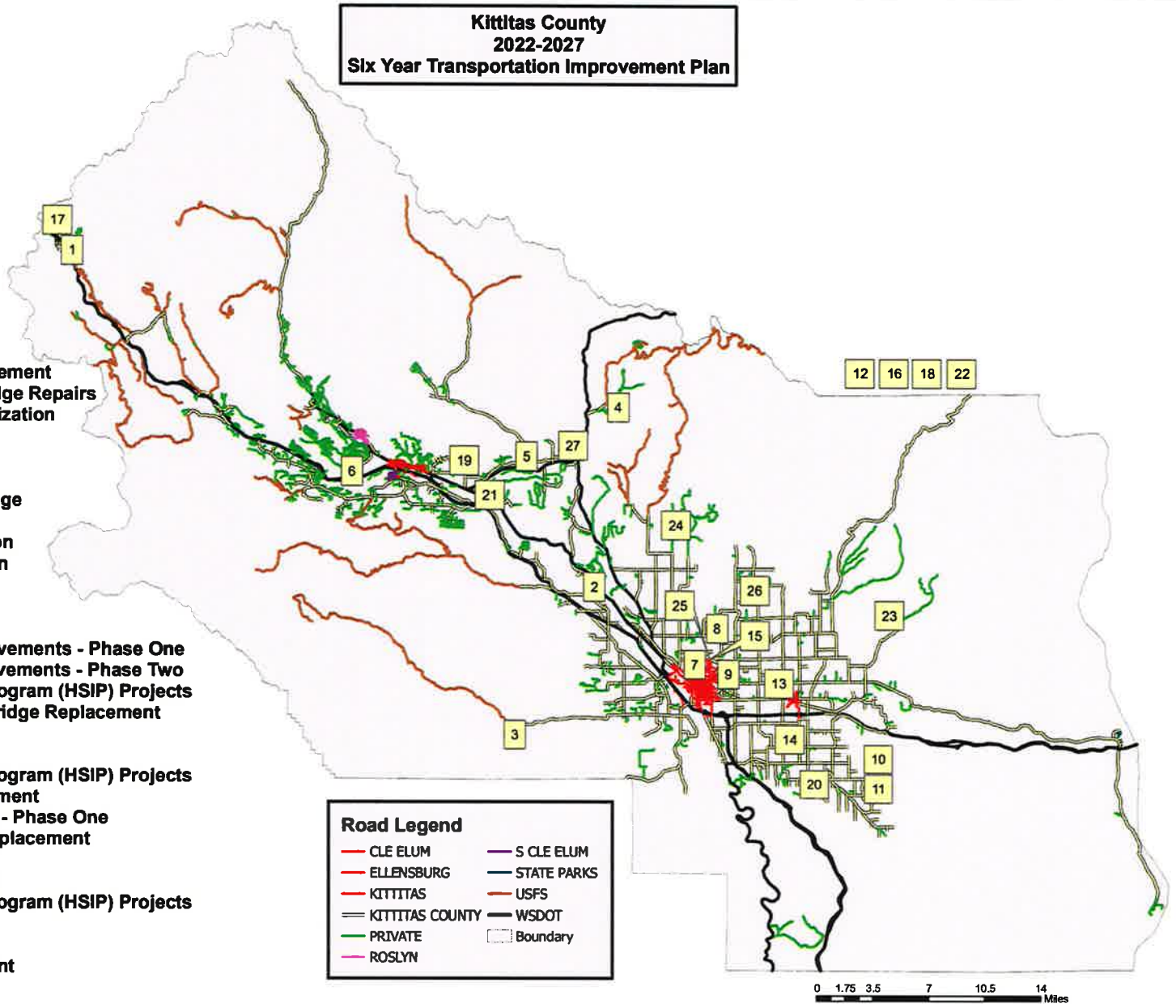
This plan is organized into three components for ease of understanding the various projects contained in the six-year plan:

1 - Map identifying the general location of various projects around the County

2 -The six-year project listing and associated funding plan

3 - Project specific sheets listing specific project information including: County Road Project Number (if assigned at the time of publication), priority number, title, project description, project status, photos and funding sources

Kittitas County
2022-2027
Six Year Transportation Improvement Plan



Projects:

1- Kachess Lake Rd Culvert Replacement
2- N. Thorp Hwy - Yakima River Bridge Repairs
3- Manastash Rd Creek Bank Stabilization & SnoPark Improvements
4- Liberty Rd - Swauk Creek Bridge Replacement
5- Teanaway Rd - Dickey Creek Bridge Replacement
6- I-90 Widening - Cle Elum to Easton
7- Bender Rd Widening & Pedestrian Improvements
8- Hungry Junction Road Widening
9- Sanders Rd Improvements
10- Badger Pocket Area Road Improvements - Phase One
11- Badger Pocket Area Road Improvements - Phase Two
12- Highway Safety Improvement Program (HSIP) Projects
13- Vantage Hwy - Cascade Canal Bridge Replacement
14- Denmark Rd Improvements
15- Bowers Rd Extension
16- Highway Safety Improvement Program (HSIP) Projects
17- Yellowstone Rd Culvert Replacement
18- Short Span Bridge Replacement - Phase One
19- Airport Rd (Cle Elum) Culvert Replacement
20- Badger Pocket Rd HMA Overlay
21- Lambert Rd Bridge Maintenance
22- Highway Safety Improvement Program (HSIP) Projects
23- Parke Creek Rd Turnaround
24- Pheasant Ln Turnaround
25- Bowers Rd Sidewalk Replacement
26- Bar 14 Rd Turnaround
27- Micheletto Rd Improvements

KITTITAS COUNTY
2022-2027
SIX YEAR TRANSPORTATION IMPROVEMENT PLAN

	Road#	BMP	EMP	STIP	Advertise	project number	CRP #	Res. #	2022 design	2022 right of way	2022 Cash	2022 Construction Engineering (CE)	2022 construction	2023 design	2023 right of way	2023 Construction Engineering (CE)	2023 construction	2024 design	2024 right of way	2024 Construction Engineering (CE)	2024 construction	2025 design	2025 right of way	2025 Construction Engineering (CE)	2025 construction	2026 design	2026 right of way	2026 Construction Engineering (CE)	2026 construction	2027 design	2027 right of way	2027 Construction Engineering (CE)	2027 construction	Project Total
	CAPITAL IMPROVEMENT PROJECT NAME																																	
1	Kachess Lake Rd Culvert Replacemnt				RC1587-C1	284-18	2018-054	15			70	1244																						1329
	12650	2.3	2.7	Local																														
2	N. Thorp Hwy - Yakima River Bridge				RC2091-HP	302-20	2020-131	15			136	1800																						1951
	95417	9.36	9.76	WA-12683																														
3	Manastash Rd Creek Bank Stab, and Snow Park Impr.				RC1573-E1	273-16	2016-099	108	100		70	1300																						1578
	95301	10.65	11.01	WA-12576																														
4	Liberty Rd Swauk Creek Bridge				RC2193-FL	306-21		40					400							100	2407													2947
	38350	0.07	0.07	WA-14038	programmed for CN 2024																													
5	Dickey Creek Bridge (16203) Replacement FHWA project				RC1594-B1				1000																								1000
				FHWA project																														
6	I-90 Widening (State project)								100																								100
				State Project																														
7	Bender Road Widening and Pedestrian Improvements				RC1585-F1	285-18	2018-054															275	300					175	1350				2100
	93075	0	0.68	Local																														
8	Hungry Junction Road Widening				RC2093-RP	304-20	2021-071	250	50				254							168	3629													4351
	31510	0	1.74	State Funding	Full Funding not till 2024																													
9	Sanders Road Improvements																									300	200					300	2250	3050
	40315	0.13	0.25	Local																														
10	Badger Pocket Area Road Improvements Phase 1				RC2291-L1	309-21		250	250						200	3000																		3700
	VARIOUS			Local																														
11	Badger Pocket Area Road Improvements Phase 2																					200	200					80	2500				2980
	VARIOUS			Local																														
12	Intersection and Corridor Safety Improvements				RC2196-HS	313-21		34							50	332																		416
	VARIOUS			WA-14039																														
13	Bridge Rail Improvements Code 3 Phase 1 (MD A-F)				RC2199-HS	314-21		63							100	501																		664
	VARIOUS			WA-14040																														
14	Vantage Hwy over Cascade Canal (89342) Replacement				RC2292-G1	310-21		365	50						182	1053																		1650
	94001	5.17	5.33	Planned BRAC																														
15	Denmark Road Improvement																													221	250			471
	63501	3.08	4.35	Local																														
16	Bowers Road Extension				RC1505-F1	226-09	2009-15											300						150	2000									2450
	41010	1.93	2.07	Local																														
17	HSIP 2023 awarded project																	100	50					100	900									1150
	VARIOUS			Planned HSIP																														
18	Yellowstone Culvert Replacement				RC2197-C1	308-21																150						60	650				860
	10360	0.65	0.75	Planned STBG																														
19	Short Span Bridge Replacement - Phase 1																									350						160	890	1400
	VARIOUS			Planned STBG																														
20	Airport Road Culvert Replacement																													250	25			275
	23010	2.25	2.4	Local																														
21	Badger Pocket Road HMA																									100						55	1050	1205
	68910	0	0.57	WA-11934/Local no longer on stip																														
22	Lambert Road Br 06345 Maintenance																													175				175
	22512	0.67	0.67	Planned BRAC																														
23	HSIP 2025 awarded project																									50	20					30	350	450
	VARIOUS			Planned HSIP																														
	Construction Jobs preformed by Maintenance Crew (County Force Work)																																	
24	Parke Creek Road Turnaround																									60						65	975	00

KITTITAS COUNTY
2022-2027
SIX YEAR TRANSPORTATION IMPROVEMENT PLAN

					project number	CRP #	Res. #	2022 design	2022 right of way	2022 Cash	2022 Construction Engineering (CE)	2022 construction	2023 design	2023 right of way	2023 Construction Engineering (CE)	2023 construction	2024 design	2024 right of way	2024 Construction Engineering (CE)	2024 construction	2025 design	2025 right of way	2025 Construction Engineering (CE)	2025 construction	2026 design	2026 right of way	2026 Construction Engineering (CE)	2026 construction	2027 design	2027 right of way	2027 Construction Engineering (CE)	2027 construction	Project Total
	69370	5.79	11.64	Local																													11
25	Pheasant Lane Turnaround																												15				
	10431	0	2.04	Local																													15
26	Airport Road Sidewalk Replacement				RC2293-F1	311-21					5	60																					
	94001	1.35	1.85	Local																													65
27	Bar 14 Turnaround				RC1583-G1	286-18	2018-054						10	60					10	120													
	42512	1.11	1.21	Local																													200
28	Micheletto Road Improvements				RC2294-B1	312-21		5			8	27																					
	23531	0	0.245	Local																													40
	DESIGN/ROW/CONSTRUCTION TOTALS							1145	450	1100	289	4431	664	60	532	4886	400	50	278	6156	625	500	250	2900	860	220	315	4500	661	275	610	5515	36252

	2022	2023	2024	2025	2026	2027
ANNUAL CAPITAL IMPROVEMENT TOTALS (-)	7,415	6,142	6,884	4,275	5,895	7,061
ANNUAL OTHER FUNDS (GRANTS,RID)(+)	3,686	2,638	5,474	2,913	2,299	1,719
NET OF GRANTS	3,729	3,504	1,410	1,362	3,596	5,342
Expected Annual Revenue (Road Fund)	10,364	10,691	11,021	11,356	11,694	12,037
Expected Annual Expense (Road Fund)	8,987	9,377	9,788	10,221	10,679	11,162
ANNUAL IMPACT TO FUND RESERVES (NO NEW REV)	(2,352)	(2,190)	(177)	(227)	(2,581)	(4,467)
TOTAL ROAD FUND BALANCE Beginning of Year	5,400	3,048	858	681	454	(2,127)
TOTAL ROAD FUND BALANCE End of Year	3,048	858	681	454	(2,127)	(6,594)
REQUIRED FUNDING TO MAINTAIN RESERVES	1,500	1,500	1,500	1,500	1,500	1,500
ADDITIONAL FUNDING NEEDED				1,046	3,627	

CRP/RC #: 284-18
Resolution #: 2018-054
Location: MP 2.50, Kachess area
Last Updated: 9/10/2021

Kachess Lake Rd – Culvert Replacement

Project Number: RC1587-C1

Length: Approximately 0.50 miles

Basis for Project: Flow improvement, fish barrier correction.

Construction: 2022

Project Description:

Landslide activity upstream has caused sediment to travel and accumulate downstream clogging the existing deficient and failing culvert. The culvert is corroded through and collapsing from the top. Replacement of the culvert with a larger structure that meets current design standards and improving alignment will reduce annual maintenance and allow for accommodation of high flows and improved fish habitat.

Status: Design is near completion. Construction to occur Summer/Fall 2022.

Traffic Impacts: A single lane, restricted bypass road will be built to accommodate traffic during construction.

Funding Sources:	
Local funds	$1,329,000
Total:	**$1,329,000**

Looking downstream from culvert.

Looking upstream to culvert.

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #: 302-20
Resolution #: 2020-131
Location: MP9.36-MP 9.76, Thorp
Last Updated: 9/10/2021

North Thorp Hwy-Yakima River Bridge Repairs 2

Project Number: RC2091-HP

Length: Approximately 0.40 miles

Basis for Project: Bridge Repairs

Construction: 2022

Project Description:

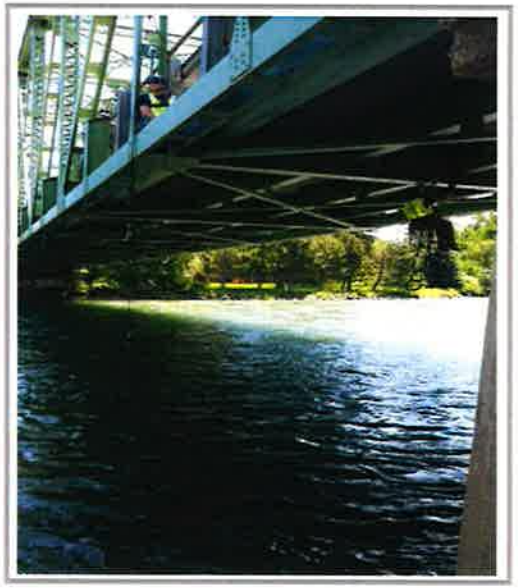
The bridge spanning over the Yakima River is in need of preventative maintenance to extend the life of the fracture critical structure. The existing paint system has failed throughout the bridge. The proposed joint repairs include strip seals at the end of the truss and silicon sealant at the floor beams.

Status: Design phase with construction in 2022.

Traffic Impacts: To be determined.

Funding Sources:	
Planned BRAC funds	$1,951,000
Local Funds	$0
Total:	$1,951,000

N. Thorp Hwy Bridge over Yakima River



Under bridge during inspection

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #: 273-16
Resolution #: 2018-054
Location: MP 10.65– MP 11.01
Last Updated: 9/10/2021

Manastash Rd Creek Bank Stabilization & SnoPark Improvements

3

Project Number: RC1573-E1

Length: Approximately 0.36 miles

Basis for Project: Roadway safety, repair, & improvements

Construction: 2022

Project Description:

Erosion caused by the South Fork Manastash Creek has caused bank instability undercutting the County road. The road is currently restricted to a single lane at this location. The road will need to be restored and the bank stabilized to provide two lanes of traffic. A turnaround and Sno-Park improvements will also be included during construction.

Status: Design phase with construction in 2022.

Traffic Impacts: A two lane detour road will be constructed.

Funding Sources:	
Planned FLAP/FHWA funds	$1,333,000
Local Funds	$245,100
Total:	**$1,578,100**

View downstream of eroded bank

View downstream of lane closure

CRP/RC #: 306-21
Location: MP 0.2 Liberty Road
Last Updated: 9/10/2021

Liberty Road - Swauk Creek Bridge Replacement

4

Project Number: RC2193-FL

Length: 0.12 miles

Basis for Project: Bridge Replacement– Safety

Construction: 2025

Project Description:

Swuak Creek bridge (No. 07101) on Liberty Road at mile post 0.02 crosses Swuak Creek. This load restricted bridge will be replaced to improve access to the town of Liberty and provide access to the Okanogan-Wenatchee National Forest. A Federal Lands Access Program grant has been secured in the amount of $2,436,189.

Status: Design phase with construction in 2025.

Traffic Impacts: To be determined with design.

Funding Sources:	
Planned FLAP/FHWA funds	$2,436,189
Local Funds	$510,811
Total:	$2,947,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Teanaway Rd
Last Updated: 9/10/2021
*FHWA project

Dickey Creek Bridge Replacement 5

Project Number: RC1594-B1 | Length: 0.01 miles

Basis for Project: Bridge Replacement | Construction: 2022

Project Description:

This bridge has one of the lowest sufficiency ratings in the County and is currently load restricted. Teanaway River has migrated slowly across the floodplain and started erosion behind the abutment wall. The County placed large rocks to arrest the erosion until a permanent fix could be implemented. Work will include replacement of the bridge with a much larger structure to meet current design standards and improved roadway alignment.

Status: Design underway. Construction to begin Summer/Fall 2022.

Traffic Impacts: Minimal; existing bridge will stay in place until construction is complete.

Funding Sources:	
Planned FLAP/FHWA funds	$6,415,000
Local Funds	$1,000,000
Total:	$7,415,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Cle Elum to Easton
Last Updated: 9/10/2021
* WSDOT project

I-90 Widening– Eastbound and Westbound 6

Project Number:

Length: Approximately 7.0 miles

Basis for Project: Improve capacity, safety.

Construction: To be determined.

Project Description:

High bypass traffic volumes through upper County is a concern for residents and the condition of roads. This increase in traffic when I-90 is busy results in degraded roadways as well as increased safety concerns. In order to pursue funding, a project will need to be on the State Transportation Improvement Plan (STIP). This is initial funding to place the project on the plan and allow for future federal funding.

Status: Planning and public outreach.

Traffic Impacts: To be determined.

Funding Source:	
Local Funds	$100,000
Total:	$100,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #: 285-18
Resolution #: 2018-054
Location: MP 0.0 to MP 0.68, Ellensburg
Last Updated: 9/10/2021

Bender Rd Widening & Pedestrian Improvements 7

Project Number: RC1585-F1

Length: 0.68 miles

Basis for Project: New construction, improvements.

Construction: 2026

Project Description:

To accommodate the increase in traffic along Bender road and to link future developments to the City, Bender Road will be widened. Widened shoulders will be constructed for bicycle use. Work includes shoulder widening and resurfacing the road, construction of sidewalk, and installation of drainage structures. Sidewalk to be constructed on north side of roadway only.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
TBD	$2,100,000
Total:	$2,100,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #: 304-20
Resolution #: 2021-071
Location: MP 0-MP 1.74 H Junction Rd, Ellensburg
Last Updated: 9/10/2021

Hungry Junction Road Widening

8

Project Number: RC2093-RP

Length: 1.74 miles

Basis for Project: Reconstruction, Safety

Construction: 2024

Project Description:

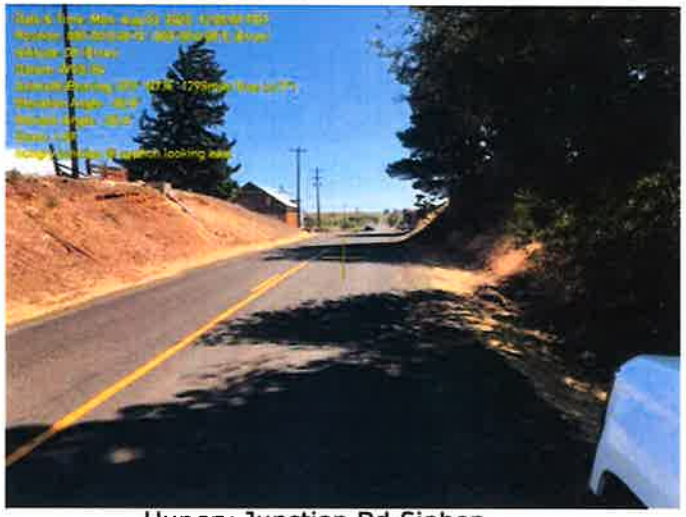
Hungry Junction Rd from US 97 to Reecer Creek Rd is narrow as well as having vertical curves that do not provide adequate sight distance. The road has moderate truck traffic from a local hay processing facility. The work will include changing the vertical curve profile to comply with WSDOT design manual, widening and paving the road to increase paving structure.

Status: Design and Right of Way phases 2022-2023, with construction in 2024.

Traffic Impacts: To be determined with design.

Funding Sources:	
Planned RAP funds	$3,631,000
Local Funds	$720,000
Total:	**$4,351,000**

Hungry Junction looking east



Hungry Junction Rd-Siphon

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Ellensburg
Last Updated: 9/10/2021

Sanders Rd Improvements

9

Project Number: Length:

Basis for Project: Safety, stormwater drainage, roadway improvement. Construction: 2027

Project Description:

To accommodate the increase in traffic along Sanders Road and to link future developments to the city, the road will need to be widened. Non-motorized pathways will need to be constructed for pedestrian and bicycle use. This will allow for a uniform roadway from County to city limits. Work will include widening and paving the road, construction of sidewalk, and installation of drainage structures.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
TBD	$3,050,000
Total:	$3,050,000

CRP/RC #: 309-21
Location: Various
Last Updated: 9/10/2021

Badger Pocket Area Road Improvements – Phase 1

10

Project Number: RC2291-L1 Length: TBD

Basis for Project: Safety, rehabilitation, & improvements. Construction: 2023

Project Description:

An increase in agricultural activities in the Badger Pocket area has brought issues to the surface of road network. Poor roadway construction, geometrics, narrow right of way widths, impacts to existing irrigation franchises, and congestion are some of the items to be broken into phases as it affects many roads in the area. Priority roads to be determined prior to design.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
TBD	$3,700,000
Total:	$3,700,000

Dodge Rd and Thrall Rd intersection

Orchard Rd and Dodge Rd

CRP/RC #:
Location: Various
Last Updated: 9/10/2021

Badger Pocket Area Road Improvements – Phase 2

11

Project Number:

Length: TBD

Basis for Project: Safety, rehabilitation, & improvements.

Construction: 2026

Project Description:

An increase in agricultural activities in the Badger Pocket area has brought issues to the surface of road network. Poor roadway construction, geometrics, narrow right of way widths, impacts to existing irrigation franchises, and congestion are some of the items to be broken into phases as it affects many roads in the area. Priority roads to be determined prior to design.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
TBD	$2,980,000
Total:	$2,980,000

Orchard Rd and Perry Rd

Thrall Rd and Sorenson Rd

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Various
Last Updated: 9/10/2021

Intersection & Corridor Safety Improvements

12

Project Number: RC2196-HS

Length: TBD

Basis for Project: Safety improvements/countermeasures.

Construction: 2021-2023

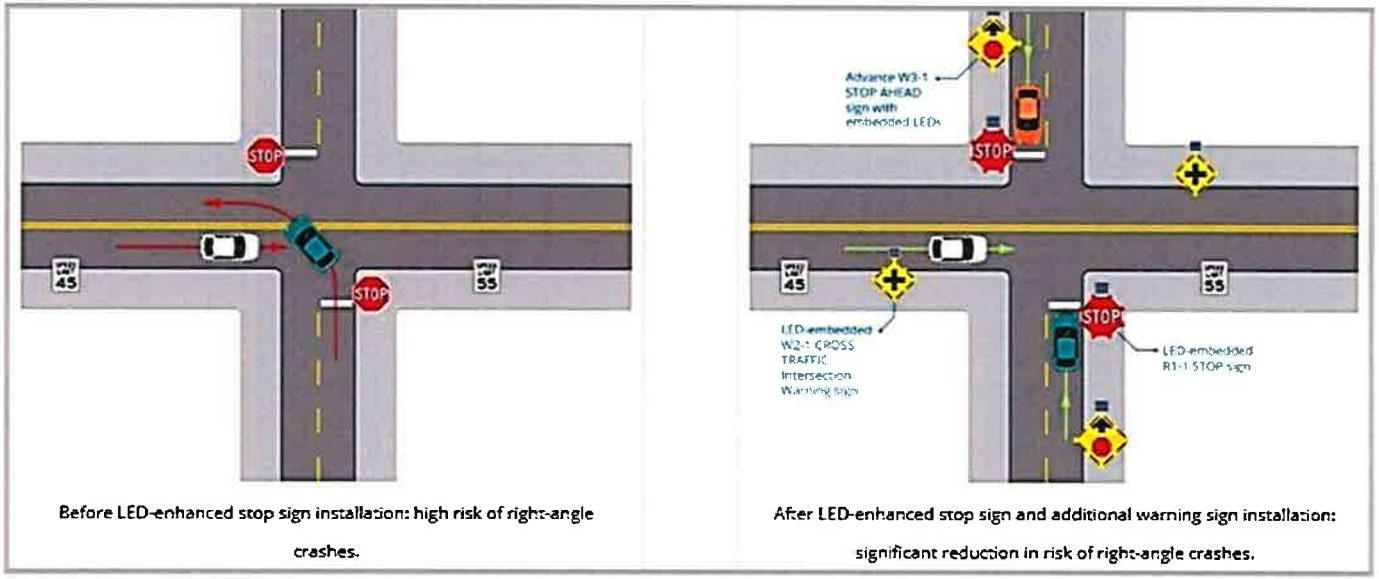
Project Description:

This project provides corridor and intersection countermeasures and improvements at unsignalized intersections and road segments identified as having insufficient, "out of date", or non-effective safety measures based on accident data analysis and safety studies. Kittitas County recognizes that improvements to these corridors may provide benefit to a great number of local residents, recreational travelers, and freight transit; and, any improvements that could reduce potential future crashes are beneficial.

Status: Funds to be awarded 2021. Design and construction to span 2021-2023.

Traffic Impacts: TBD

Funding Source:	
HSIP	$416,000
Total:	$416,000



Before LED-enhanced stop sign installation: high risk of right-angle crashes.

After LED-enhanced stop sign and additional warning sign installation: significant reduction in risk of right-angle crashes.

Depiction of current County rural intersection (left) and a proposed County rural intersection with improvements (right).

CRP/RC #:
Location: Various
Last Updated: 9/10/2021

Bridge Rail Improvements– Code 3: MD A-F

13

Project Number: RC2196-HS

Length: TBD

Basis for Project: Safety improvements/countermeasures.

Construction: 2021-2023

Project Description:

There have been 60 bridges rated as Code 3; this rating reflects bridges with timber railing or no railing at all. Of all the bridges identified with substandard rail, these bridges or structures have the highest vulnerability because they provide no protection for an errant vehicle. This project will install or replace bridge rail not meeting current specifications.

Status: Funds to be awarded 2021. Design and construction to span 2021-2023.

Traffic Impacts: TBD

Funding Source:	
HSIP	$664,000
Total:	**$664,000**

CRP/RC #: 310-21
Location: MP 5.17 – 5.33, Ellensburg
Last Updated: 9/10/2021
*Bridge #89342

Vantage Hwy – Cascade Canal Bridge Replacement

14

Project Number: RC2292-G1

Length: 0.16 miles

Basis for Project: Safety improvements/countermeasures.

Construction: 2023

Project Description:

Vantage Highway is an essential east-west roadway serving residential, agricultural, and commercial traffic. Bridge structure #89342 is located approximately 0.3 miles west of Fairview Road. This structure consists of 16 treated wood stringers. Based on calculations this was rated as load restricted in 2021. This structure was also damaged by a vehicle impact in 2021. This project will replace the structure to remove the load restriction and provide for current standard.

Status: Planned for design and ROW in 2022 and construction in 2023.

Traffic Impacts: TBD

Funding Source:	
TBD	$1,650,000
Total:	$1,650,000

CRP/RC #:
Location: MP 3.08– MP 4.35
Last Updated: 9/10/2021

Denmark Road Improvements

15

Project Number:

Length: 1.27 miles

Basis for Project: Safety, bridge replacement, other improvements.

Construction: 2027

Project Description:

Denmark Road serves as a local connector from nearby residential developments and agricultural activities. Improvements are proposed to Denmark Road from Thrall Road to Fourth Parallel Road. Improvements include widening and replacement of the structure over Cascade Canal. Construction funding anticipated programmed 2028.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
TBD	$3,100,000
Total:	$3,100,000

CRP/RC #: 226-09
Resolution #: 2009-15
Location: Bowers Rd, Ellensburg
Last Updated: 9/10/2021

Bowers Road Extension

16

Project Number: RC1505-F1

Length: Approx. 2.5 miles

Basis for Project: Network connection.

Construction: 2025

Project Description:

To get from Bowers Road to Look Road requires driving at least 2.5 miles of road. A half mile extension of Bowers Road to Look Road will connect a Rural Minor Collector in the northeast with a Rural Major Collector in the northwest at Reecer Creek Road. It will also accommodate increased commercial traffic near the airport. This area has been identified to be within the urban growth area for Ellensburg.

Status: Planned for design in 2024 and construction in 2025.

Traffic Impacts: TBD

Funding Source:	
TBD	$2,450,000
Total:	$2,450,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Various TBD.
Last Updated: 9/10/2021
*HSIP is a WSDOT grant

Highway Safety Improvement Program 2023-2025 Award

17

Project Number:

Length:

Basis for Project: Safety

Construction: 2023-2025

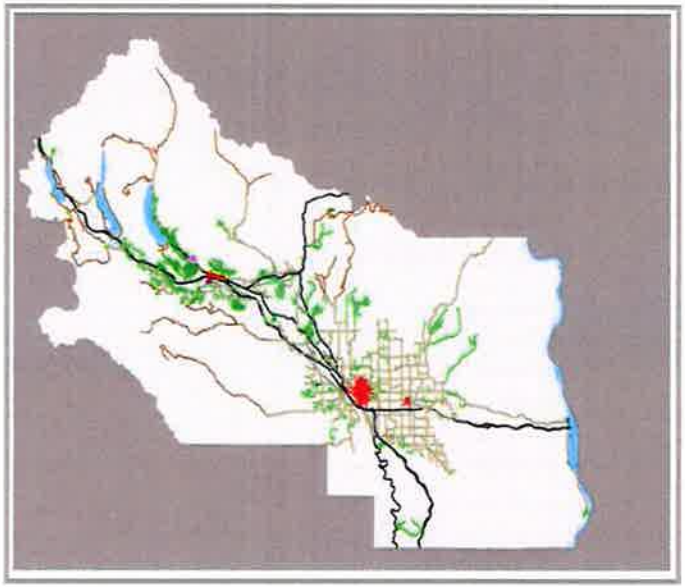
Project Description:

The Highway Safety Improvement Program (HSIP) is a federal program that allows states, and the local governments within them, to target safety funds to their most critical safety needs. The goal of the program is to reduce fatal and serious injury crashes, following Washington state's Strategic Highway Safety Plan (Target Zero) and each agency's local road safety plan (pdf 276 kb). WSDOT's programs for local governments include the County Safety program, the City Safety program, and the Railway-Highway Crossing program.

Status:

Traffic Impacts: TBD

Funding Source:	
HSIP	$1,150,000
Total:	$1,150,000



For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #: 308-21
Location: Snoqualmie Pass
Last Updated: 9/10/2021

Yellowstone Rd Culvert Replacement

18

Project Number: RC2197-C1

Length: N/A

Basis for Project: Safety

Construction: 2026

Project Description:

The Yellowstone Road culvert project will replace the existing undersized and deteriorating culvert with a larger culvert with the capacity to handle high water flow and sediment that has been found in the fish bearing stream. This will prevent wash-out of the county road as well as improve fish passage.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
Planned STBG	$860,000
Total:	$860,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Snoqualmie Pass
Last Updated: 9/10/2021

Short Span Bridge Replacement- Phase 1

19

Project Number:

Length: TBD

Basis for Project: Safety

Construction: 2027

Project Description:

Kittitas County has 156 routinely inspected structures having a length under 20-feet. These structures are not eligible for Bridge Replacement Advisory Committee (BRAC) funding, as such it is the County's responsibility to maintain or replace these structures with County Funds. Based on field reviews many of these structures need significant repairs or to be replaced. This phase begins to address the need to repair or replace these structures. Multiple phases will be required to address all structures.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
Planned STBG	$1,400,000
Total:	$1,400,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: MP 2.25– MP2.4
Cle Elum
Last Updated: 9/10/2021

Airport Road (Cle Elum) Culvert Replacement

20

Project Number:

Length:

Basis for Project: Drainage improvement/flood reduction

Construction: TBD

Project Description:

Undersized irrigation culvers under Airport Road in Cle Elum have increased drainage issues in the area. Replacement of these undersized culverts with larger, adequate culverts will decrease flooding issues for nearby property owners while also protecting the roadway from damage. Construction funding anticipated programmed 2028.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
TBD	$1,535,000
Total:	$1,535,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: MP 0.0– MP 0.57
Ellensburg
Last Updated: 9/10/2021

Badger Pocket Rd HMA Overlay

21

Project Number:

Length: 0.57 miles

Basis for Project: Rehabilitation, maintenance.

Construction: 2027

Project Description:

Local hay pressing operations have deteriorated existing hot mix asphalt roadway resulting in pavement rutting conditions. An HMA overlay will remediate the rutted condition and restore the roadway segment. The road segment will be widened to accommodate the larger truck loads entering and existing hay press facility.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
TBD	$1,205,000
Total:	$1,205,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Teanaway
Last Updated: 9/10/2021
Bridge # 06345

Lambert Road Bridge Maintenance

22

Project Number:

Length: 0.01 miles

Basis for Project: Maintenance and repairs.

Construction: TBD

Project Description:

The Lambert Rd Bridge spans the Teanaway River and is need of preventative maintenance to extend the life of the bridge. The original construction of the precast T-girders did not include an overlay, which allows water to infiltrate between the adjacent flanges resulting in spalls, delamination and cracks at the weld tab locations. A deck overlay would include allow for repairs before adding deck membrane and modified concrete overlay. Construction funding anticipated programmed 2028.

Status: Planned.

Traffic Impacts: TBD

Funding Sources:	
Planned BRAC funds	$479,000
Local Funds	$54,000
Total:	$533,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: Various TBD.
Last Updated: 9/10/2021
*HSIP is a WSDOT grant

Highway Safety Improvement Program 2025-2027Award

23

Project Number:

Length:

Basis for Project: Safety

Construction: 2025-2027

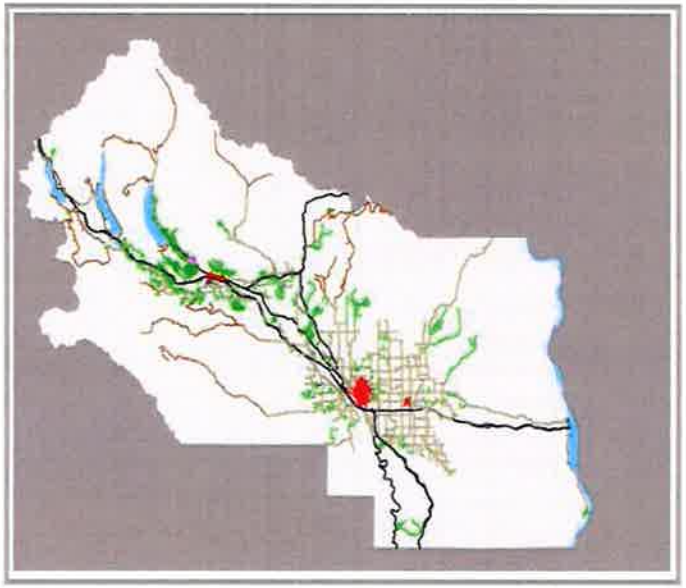
Project Description:

The Highway Safety Improvement Program (HSIP) is a federal program that allows states, and the local governments within them, to target safety funds to their most critical safety needs. The goal of the program is to reduce fatal and serious injury crashes, following Washington state's Strategic Highway Safety Plan (Target Zero) and each agency's local road safety plan (pdf 276 kb). WSDOT's programs for local governments include the County Safety program, the City Safety program, and the Railway-Highway Crossing program.

Status:

Traffic Impacts: TBD

Funding Source:	
HSIP	$450,000
Total:	**$450,000**



For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: MP 5.79-MP 11.64
Parke Creek Rd, Ellensburg
Last Updated: 9/10/2021

Parke Creek Road and Turnaround Improvement

24

Project Number:

Length: 5.85 miles

Basis for Project: Improvements, increased drainage.

Construction: 2027

Project Description:

Parke Creek Road provides access to State lands for recreation and land management activities. Work will be to improve roadway and drainage from the existing turn-around to the boundary line with State lands, a distance of approximately 5.8 miles. Construction will include a turn-around at the State lands boundary. Roadway surface will be gravel. Upon completion, Parke Creek Road will be brought onto the County road network. Work will be completed by County Forces.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
Local	$1,100,000
Total:	$1,100,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #:
Location: MP 0.0-MP 2.04
Pheasant Lane, Ellensburg
Last Updated: 9/10/2021

Pheasant Lane Turnaround

25

Project Number:

Length: 2.04 miles

Basis for Project: Road and access improvements.

Construction: TBD

Project Description:

Pheasant Lane provides access to Wenatchee National Forest for recreation and forest management activities. Work will be to improve roadway and drainage from Reecer Creek Road intersection to the boundary line with Wenatchee National Forest, a distance of approximately 4.2 miles. Construction will include a turn-around at the National Forest boundary. Roadway surface will be gravel. Upon completion, Pheasant Lane will be brought onto the County road network. Work will be completed by County Forces. Construction funding anticipated programmed 2028.

Status: Planned.

Traffic Impacts: TBD

Funding Source:	
Local	$700,000
Total:	**$700,000**

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #: 311-21
Location: MP 1.35– MP 1.85
Bowers Road, Ellensburg
Last Updated: 9/10/2021

Airport Road Sidewalk Replacement

26

Project Number: RC2293-F1

Length: 0.5 miles

Basis for Project: Improvements, increased drainage.

Construction: 2022

Project Description:

Sidewalks provide an important transportation connection. As sidewalks deteriorate they become hazardous. It is also important to ensure connectivity from one sidewalk section to another. Multiple sections of sidewalk on Airport Road have buckled. Improvements will be made to the sidewalk on Airport Road to ensure connectivity, ADA compliance and repair deteriorated sidewalk segments. This sidewalk fronts County Airport property.

Status: Design and construction to occur in 2022.

Traffic Impacts: Minimal, but TBD.

Funding Source:	
Local	$65,000
Total:	$65,000

CRP/RC #: 286-18
Resolution #: 2018-054
Location: MP 1.11-MP 1.21 Bar 14 Rd, Ellensburg
Last Updated: 9/10/2021

Bar 14 Road Turnaround

27

Project Number: RC1583-G1

Length: 0.5 miles

Basis for Project: Repair flood damage, school bus turnaround.

Construction: 2024

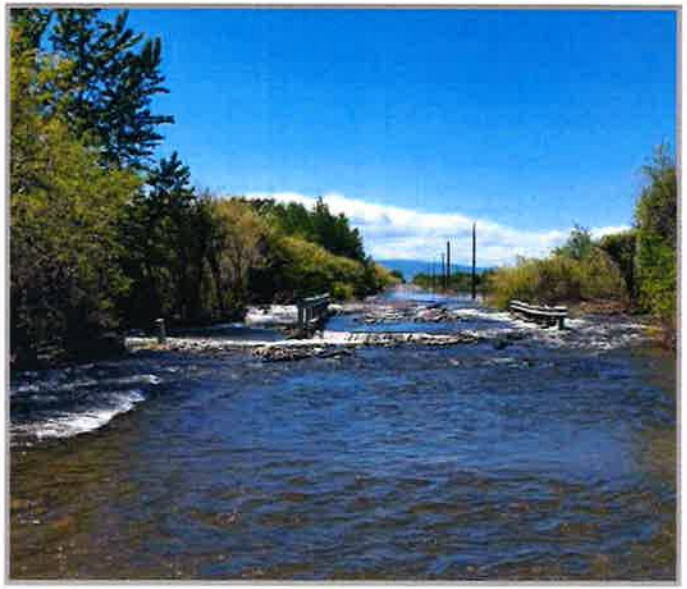
Project Description:

2017 flood events caused water to overtop Bar 14 Road at Bridge #89041. Subsequent inspection found significant damage to one of the girders. The County decided to remove the bridge and complete channel repair work to alleviate flood problems. While the County plans to pursue funding to replace the bridge, the funding is competitive and Bar 14 Road does not see much daily traffic. Since the likelihood of obtaining funds in the near future is remote, the county will build a turnaround at each dead end until funding is secured. Work will be done by County Forces.

Status: Design in 2023 with construction in 2024.

Traffic Impacts: Minimal, but TBD.

Funding Source:	
Local	$200,000
Total:	$200,000



Flood event of 2017; overtopping bridge.

Bar 14 Rd with barricades after bridge removed.

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

CRP/RC #: 312-21
Location: MP 1.11– MP 1.21 Micheletto Road, Ellensburg
Last Updated: 9/10/2021

Micheletto Road Improvements 28

Project Number: RC2294-B1 | Length:

Basis for Project: Improvements. | Construction: 2022

Project Description:

Micheletto Road was re-established on the County Network in 2021 included obtaining standard right-of-way and sufficient area for a turn-around at the end of the county road. This turn-around will support Public Works maintenance vehicles. Proposed work includes constructing additional roadway width and turn-around to meet standard. Work will be done by County Forces.

Status: Design and construction to occur in 2022.

Traffic Impacts: Minimal, but TBD.

Funding Source:	
Local	$40,000
Total:	$40,000

For more information on this project, contact Darren Case @ 509-962-7523 or Darren.case@co.kittitas.wa.us

APPENDIX C

Kittitas County Regional Parks and Trails

2022 Parks and Recreation Fund Preliminary Budget

Public Works administers the Parks and Recreation Fund 113 on behalf of the Kittitas County Board of County Commissioners. New to the fund in 2022 is the Recreation/Tourism annual (2022) and six-year Capital Facility Plans. The General Fund of County government provides Fund 113 funding for plan implementation. There is no dedicated capital facility implementation funding for recreation or tourism at this time.

In addition to implementing the Recreation/Tourism annual (2022) and six-year plans; Public Works provides maintenance of the Vantage Boat Launch restrooms along with management activities for Gladmar and Ryan Thompson parks. General Fund provides the necessary maintenance funding within Fund 113.

The six-year Recreation/Tourism plan is annually incorporated into the County's adopted Capital Facility Plan.

KITTITAS COUNTY
2022-2027
SIX YEAR PARKS AND TOURISM CAPITAL PLAN

	CAPITAL IMPROVEMENT PROJECT NAME	2022 Local Cost	2022 Non-Local Cost	2023 Local Cost	2023 Non-Local Cost	2024 Local Cost	2024 Non-Local Cost	2025 Local Cost	2025 Non-Local Cost	2026 Local Cost	2026 Non-Local Cost	2027 Local Cost	2027 Non-Local Cost	Project Total
1	HWY 10 County Park (UC)													3,950,000
	Prepare Development Plan	150,000												
	Property Acquisition				1,700,000									
	Phase 1 Improvements: Construct BNSF Actuated Crossing			450,000										
	Phase 2 Improvements: Build Road Network and Camp Sites					650,000								
	Phase 3 Improvements: Build Boat Ramp							1,000,000						
2	Vantage Boat Ramp Overflow Parking (LC)													200,000
	Build Overflow Parking Lot	200,000												
3	Gladmar Park (MC)													750,000
	Prepare Development Plan	150,000												
	Phase 1 Improvements: Design and Construct Bridge Access			350,000										
	Phase 2 Improvements: Construct Island Improvements					250,000								
4	Upper County ATV Trail (UC)													400,000
	Prepare Development Plan	200,000												
	Phase 1: Build Trails			200,000										
	Phase 2: Build Trails													
5	Trailhead Parking (UC)													120,000
	Towns to Teanaway Trailhead Improvements	120,000												
6	Ellensburg Rotary Indoor Soccer (LC)													4,000,000
	County Cost Share with Ellensburg				4,000,000									
5	Vantage River Walk (LC)													1,000,000
	Prepare Development Plan									250,000				
	Phase 1: Construction											750,000		
		820,000	-	1,000,000	5,700,000	900,000	-	1,000,000	-	250,000	-	750,000	-	6,470,000

SUMMARY: 6-YEAR PROGRAM REVENUE, COSTS AND ENDING FUND AMOUNTS	2022	2023	2024	2025	2026	2027
BEGINNING FUND BALANCE	10,000	77,500	65,200	10,600	36,200	92,000
ANNUAL CAPITAL IMPROVEMENT TOTALS (-)	820,000	6,700,000	900,000	1,000,000	250,000	750,000
OPERATING COSTS	312,500	312,500	655,000	675,000	695,000	765,000
TOTAL ANNUAL COSTS	1,132,500	7,012,500	1,555,000	1,675,000	945,000	1,515,000
TAX REVENUE	1,000,000	1,000,200	1,000,400	1,000,600	1,000,800	2,000,000
OTHER INCOME	200,000	5,700,000	300,000	700,000	-	-
GRANT / COST SHARE	-	300,000	200,000	-	-	-
TOTAL ANNUAL INCOME	1,200,000	7,000,200	1,500,400	1,700,600	1,000,800	2,000,000
ENDING FUND BALANCE	77,500	65,200	10,600	36,200	92,000	577,000

APPENDIX D

Kittitas County Flood Control Zone District

Kittitas County Flood Control Zone District
Capital Facility Plan 2022-2027

July 28, 2021

Introduction

Every year, the Kittitas County Flood Control Zone District ("District") develops a list of capital improvement projects for Board of County Commission consideration. The listing is reviewed and approved by the Flood Control Zone District Advisory Committee, an entity composed of county rate payers that is responsible for assisting the Flood Control Zone District Administrator formulate the annual capital facility plan and advising on annual District work program elements. The proposal is finalized and presented to the Board of County Commissioners during the annual County budget process. Given the complexity of flood hazard planning, engineering, environmental permitting, and construction, the Flood Control Zone District Advisory Committee schedules projects an additional five years behind the first budget year. The planning schedule includes programmed funding amounts and sources along with project forecast expenses. The schedule identifies the various projects beginning in the first budget year (2022) extending to the last year in program (2027).

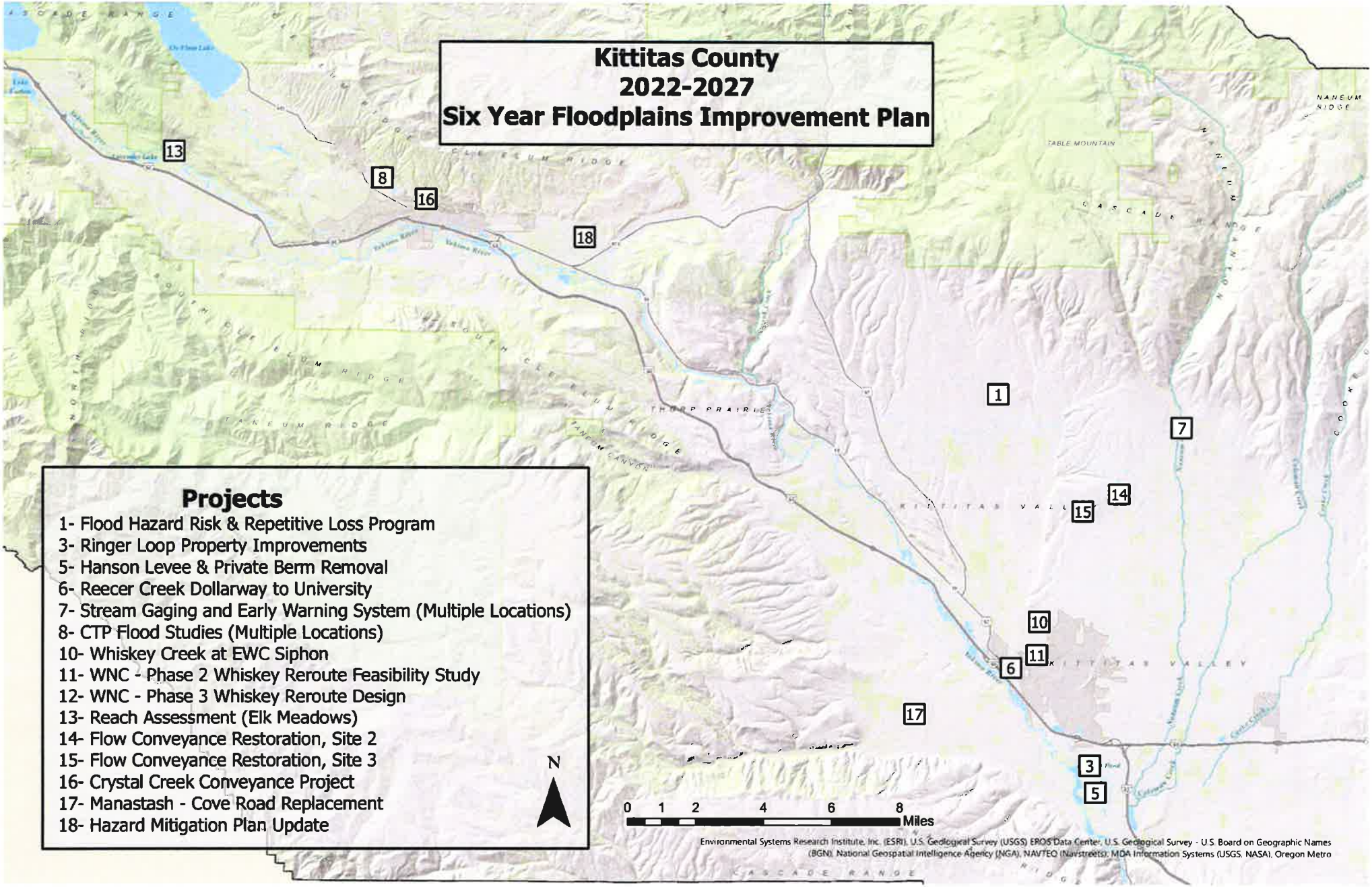
This plan

This plan is organized into three major components for the ease of understanding the various projects contained in the six-year plan:

1. Map identifying the various projects located around the County.
2. The six-year project listing and associated funding plan.
3. Project specific sheets listing specific project information including title, project description, project status, photos and funding sources.

Acronyms

CIP	Capital Improvement Project
CTP	Cooperating Technical Partners Program
DOE	Washington State Department of Ecology
EWC	Ellensburg Water Company
FCAAP	Flood Control Assistance Account Program
FCZD	Flood Control Zone District
FEMA	Federal Emergency Management Agency
SRFB	Salmon Recovery Funding Board
WNC	Wilson-Naneum-Cherry Watershed
YBIP	Yakima Basin Integrated Plan


Kittitas County
2022-2027
Six Year Floodplains Improvement Plan
Projects
1- Flood Hazard Risk & Repetitive Loss Program
3- Ringer Loop Property Improvements
5- Hanson Levee & Private Berm Removal
6- Reecer Creek Dollarway to University
7- Stream Gaging and Early Warning System (Multiple Locations)
8- CTP Flood Studies (Multiple Locations)
10- Whiskey Creek at EWC Siphon
11- WNC - Phase 2 Whiskey Reroute Feasibility Study
12- WNC - Phase 3 Whiskey Reroute Design
13- Reach Assessment (Elk Meadows)
14- Flow Conveyance Restoration, Site 2
15- Flow Conveyance Restoration, Site 3
16- Crystal Creek Conveyance Project
17- Manastash - Cove Road Replacement
18- Hazard Mitigation Plan Update
N
0 1 2 4 6 8
Miles
Environmental Systems Research Institute, Inc. (ESRI), U.S. Geological Survey (USGS) EROS Data Center, U.S. Geological Survey - U.S. Board on Geographic Names (BGN), National Geospatial Intelligence Agency (NGA), NAVTEQ (Navstreets), MDA Information Systems (USGS, NASA), Oregon Metro

Six Year Program Summary

SUMMARY: 6-YEAR PROGRAM REVENUE, COSTS AND ENDING FUND AMOUNTS						
FCZD CAPITAL PROGRAM PROJECT COSTS	2,164	1,430	890	940	592	1,820
TOTAL ADMINISTRATION AND OPERATIONS COSTS	610	610	640	640	670	670
ADMINISTRATION	180	180	180	180	180	180
TRAINING/CONFERENCES	8	8	8	8	8	8
PERMIT PROCESSING	25	25	25	25	25	25
PUBLIC TECHNICAL	50	50	50	50	50	50
AGENCY COORDINATION	12	12	12	12	12	12
PUBLIC OUTREACH AND	15	15	15	15	15	15
FLOW CONVEYANCE	100	100	100	100	100	100
LEVEE MAINTENANCE	10	10	10	10	10	10
STORMWATER	30	30	60	60	90	90
PROPERTY MAINTENANCE	30	30	30	30	30	30
EMERGENCY RESPONSE	150	150	150	150	150	150
TOTAL ANNUAL COSTS	**2,774**	**2,040**	**1,530**	**1,580**	**1,262**	**2,490**
TAX LEVY	840	840	840	840	840	840
OTHER INCOME	21	21	21	21	21	21
PERMITS	25	25	25	25	25	25
GRANTS / COST SHARE	600	770	610	690	290	1,610
TOTAL ANNUAL INCOME	**1,486**	**1,656**	**1,496**	**1,576**	**1,176**	**2,496**
TOTAL (COST) INCOME FOR	(1,288)	(384)	(34)	(4)	(86)	6
BEGINNING FUND AMOUNT	2,000	712	328	294	290	204
ENDING FUND AMOUNT	**$712**	**$328**	**$294**	**$290**	**$204**	**$210**

**Costs are shown as thousands*

	KITTITAS COUNTY FLOOD CONTROL ZONE 2022-2027 SIX YEAR CAPITAL FACILITY PLAN	AREA	Non-Local Source	2022 Local	2022 Non-Local	2023 Local	2023 Non-Local	2024 Local	2024 Non-Local	2025 Local	2025 Non-Local	2026 Local	2066 Non-Local	2027 Local	2027 Non-Local
#1	FLOOD HAZARD RISK & REPETITIVE LOSS PROGRAM	Yakima River	FCAAP	50	150	40		40		40				30	110
	Comprehensive Flood Planning and Repetitive Loss Hazard Assessment														
#3	RINGER LOOP PROPERTY IMPROVEMENTS	Ringer Reach	IP		200		200								
	Control for invasive species, riparian buffer plantings, and building decomissioning at County-owned properties														
#5	HANSON LEVEE AND PRIVATE BERM REMOVAL	Ringer Reach	SRFB / IP			100		90	510	90	510				
	Implementation of preferred alternantive from Hanson Pits Restoration Plan and Design . 2023 SRFB design only grant.														
#6	REECER CREEK DOLARWAY TO UNIVERSITY	WNC	City of Ellensburg	890											
	Flood Control Zone District Cost share in support of City of Ellensburg Project to purchase property, construct setback levees and construct second bridge alongg Dolarway Rd.														
#7	STREAM GAGING AND EARLY WARNING SYSTEM	County-Wide		50		50		50		20		20		20	
	2022: Cove Road, McElroy Rd., 2022: Naneum Creek														
#8	CTP FLOOD STUDIES	General	CTP	30		30	100			60	100			60	100
	Continued funding through FEMA's Cooperating Technical Partnership (CTP) program to improve flood models and channel migration zone mapping.														
#10	WHISKEY CREEK AT EWC SIPHON	WNC	Private	500	250	250									
	Increase flood conveyance, eliminate canal / creek intermingling, and address fish passage barrier by replacing current EWC crossing at Whiskey Creek with a siphon. KCCD managed project, with FCZD cost-share.														
#11	WNC-Phase 2 Whiskey Reroute Feasibility Study	WNC				100									
	Hydrologic analysis with existing 2-d model to evaluate Whiskey Creek tie-in at Reecer Creek project. Evaluate effects of Mercer Creek flow routing north of the airport on hydrologic regime, design specification needed at proposed railroad crossing, and within Reecer Creek floodplain site, and water needs downstream of proposed reroute site.														
#12	WNC-Phase 3 Whiskey Reroute Design	WNC	FEMA / FCAAP							20	80			100	400
	Implement capital recommendations from Phase 2 Feasibility Study														
#13	REACH ASSESSMENT (Elk Meadows)	Yakima River	SRFB	4			100		100						
	Assessment to identify and prioritize flood alleviation and habitat restoration actions within the Elk Meadows area along the Yakima River. Request SRFB funding in 2022 round for implementation in 2023/2024.														
#14	FLOW CONVEYANCE RESTORATION - SITE 2	WNC	Ecology	20		70	270								
	Implementation of project similar to Mercer at Helena flow conveyance project, site TBD														
#15	FLOW CONVEYANCE RESTORATION - SITE 3	TBD	Ecology							20		82	290		
	Implementation of project similar to Mercer at Helena flow conveyance project, site TBD														
#16	CRYSTAL CREEK CONVEYANCE PROJECT	Crystal Creek		20				100							
	Implement project identified through Crystal Creek CTP study														
#17	MANASTASH - COVE ROAD REPLACEMENT	Manastash	FCAAP									200			1000
	Replace existing Cove Road bridge with bridge of sufficient freeboard and span to pass sediment and flood flows. 2026: Design and Permitting														
#18	HAZARD MITIGATION PLAN UPDATE	County-Wide	Dept. of Military			20	100								
	The Multi-jurisdictional Hazard Mitigation Plan needs to be updated every 5-years.														
	CAPITAL PROGRAM ANNUAL TOTAL (LOCAL AND NON-LOCAL AMOUNTS IDENTIFIED)			1564	600	660	770	280	610	250	690	302	290	210	1610

Costs are shown as thousands

Project Name: #1 Flood Hazard Risk & Repetitive Loss

Countywide

Last Updated: July 23, 2021

Basis for Project: Kittitas County Hazard Mitigation Plan

Schedule: Planning: 2021—2022

Project Description:

Unincorporated Kittitas County has 7 repetitive loss areas. Four of these areas are along the Yakima River, two are along the Teanaway River, and one is along the Middle Fork Teanaway River. Kittitas County will conduct a repetitive loss area analyses to support subsequent retrofitting, purchase, or relocation of structures or infrastructure located in hazard-prone areas. This analysis will produce a detailed mitigation plan needed to pursue funding for mitigation measures.

Status: In progress

Flood Impacts: Reduce impacts and costs associated with frequently flooded properties.

Funding

- FCAAP (potential)
- FCZD Levy
- Future phases will be grant eligible

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #3 Ringer Reach Property Improvements

Yakima River—Ringer Reach

Last Updated: June 21, 2021

Basis for Project: Yakima River Corridor Plan

Schedule: 2020—2023

Project Description:

Control for invasive species, riparian buffer plantings, and building decommissioning at County-owned properties that were purchased for floodplain conservation and restoration.

Status: In progress

Flood Impacts: Improved floodplain function.

Funding

- Yakima Basin Integrated Plan

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #5 Hanson Levee and Private Berm Removal

Yakima River—Ringer Reach

Last Updated: June 21, 2021

Basis for Project: Yakima River Corridor Plan

Schedule: 2023—2025

Project Description:

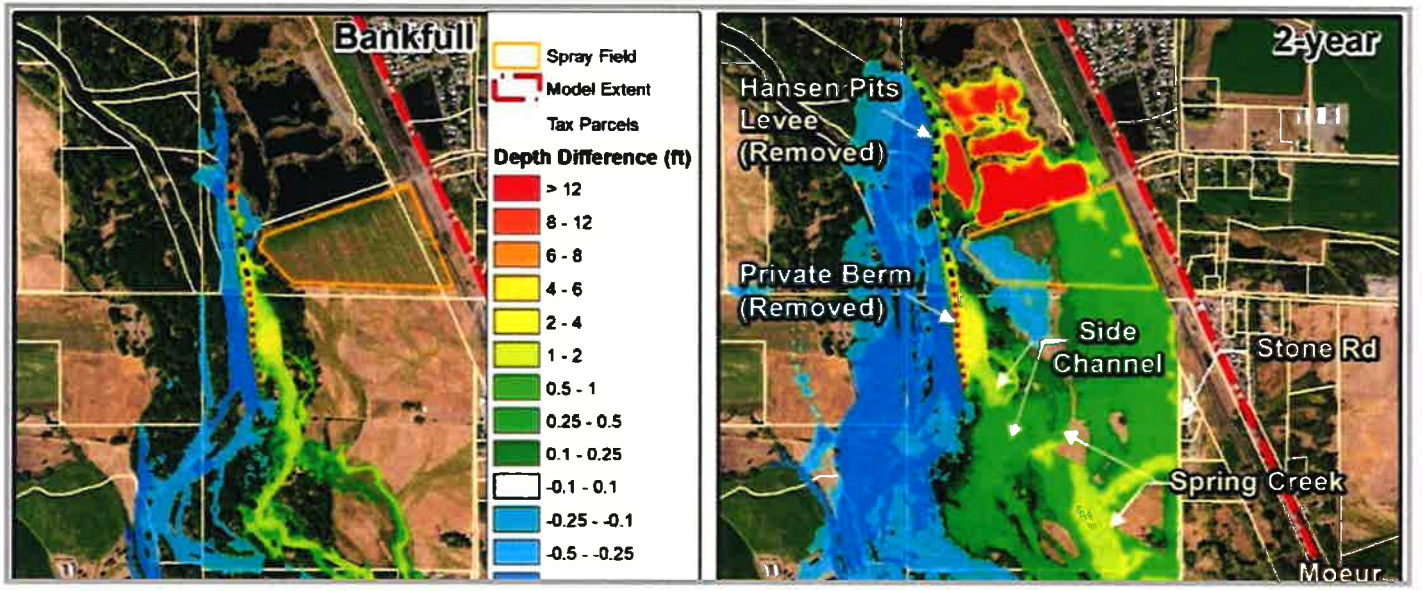
Remove failing Hanson Pit Levee and private berm located on Flood Control Zone District acquired property. Levee removal allow property purchased for floodplain function to be used for this purposes, will reduce off-site flood elevations and will reduce long-term District O&M costs associated with the levee and berm.

Status: Initial study completed.

Flood Impacts: Better managed flood hazard risks and improved floodplain function.

Funding

- Yakima River Basin Integrated Plan (potential)
- Salmon Recovery Funding Board (potential)



For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #6 Reecer Creek Dolarway to University

Wilson-Naneum-Cherry Subbasin

Last Updated: September 30, 2020

Basis for Project: Wilson-Naneum-Cherry Assessment

Schedule: 2020—2021

Project Description:

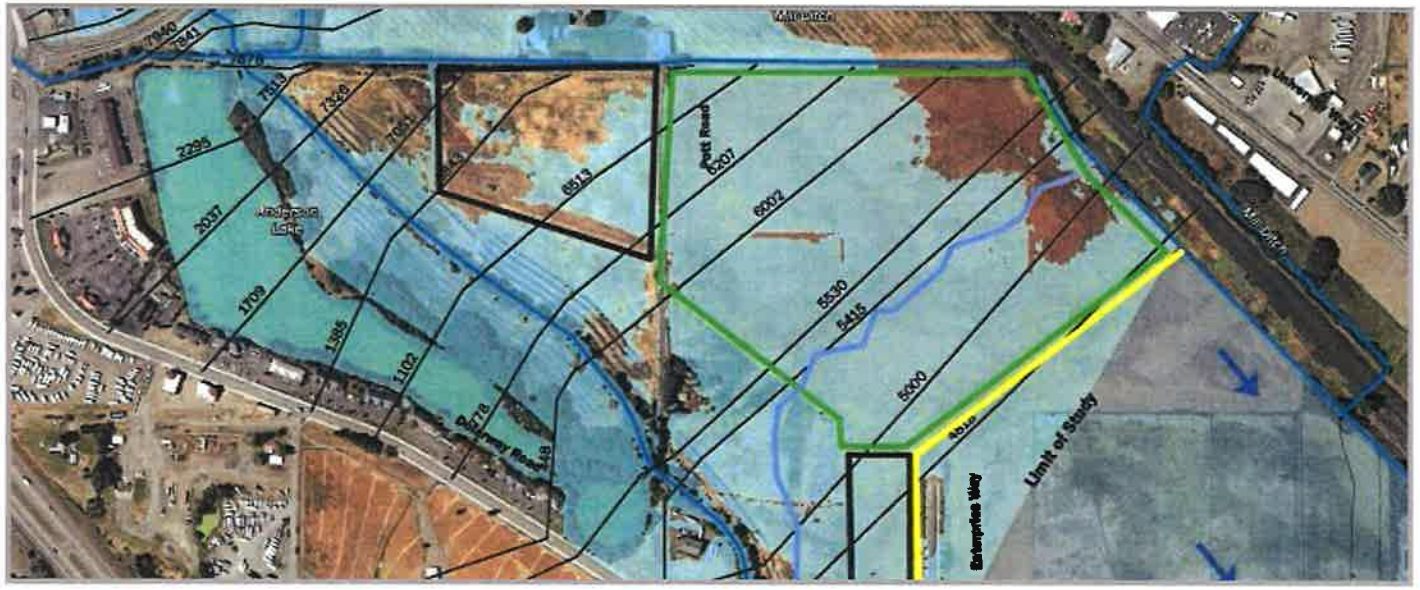
Flood Control Zone District Cost share in support of City of Ellensburg Project to purchase property, construct setback levees and construct second bridge along Dolarway Rd to address Reecer Creek flooding.

Status: In progress.

Flood Impacts: Decreased flood risk to West Ellensburg Community and Dolarway Road

Funding

- FCZD Levy



For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #7 Stream Gaging and Early Warning System

Wilson-Naneum-Cherry Subbasin

Last Updated: June 21, 2021

Basis for Project: Wilson-Naneum-Cherry Assessment, Hazard Mitigation Plan

Schedule: 2020—2021

Project Description:

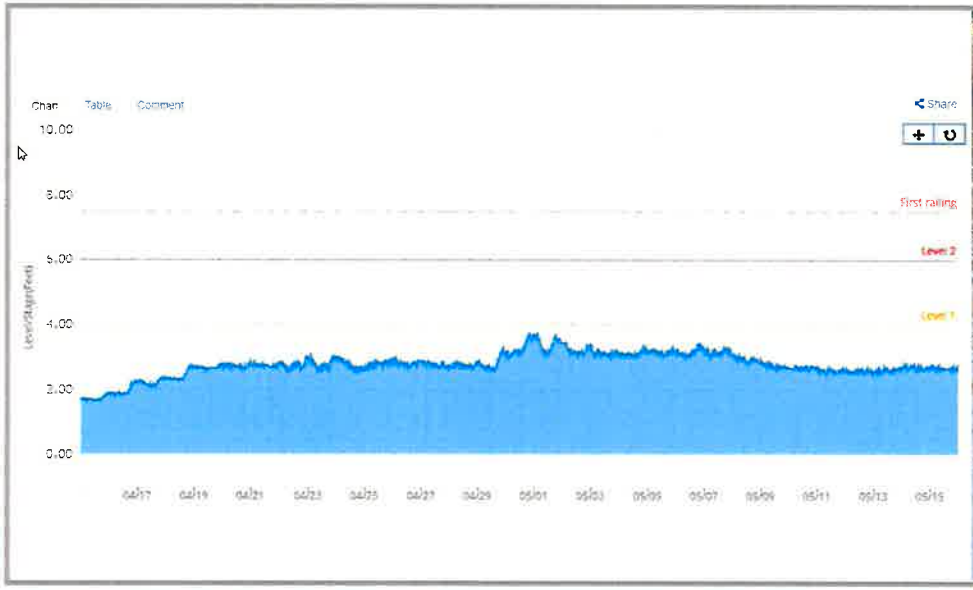
Installation and annual maintenance costs of real time stream gage network. Sites proposed to be added in 2022: Cove Road, Smithson Road and McElroy Road.

Status: In progress

Flood Impacts: Improved real-time flood communication and development of a hydrologic dataset to inform future flood projects.

Funding

- FCZD Levy



For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #8 CTP Flood Studies
County-Wide
Last Updated: June 21, 2021

Basis for Project: Kittitas County Hazard Mitigation Plan

Schedule: 2020—2025

Project Description:

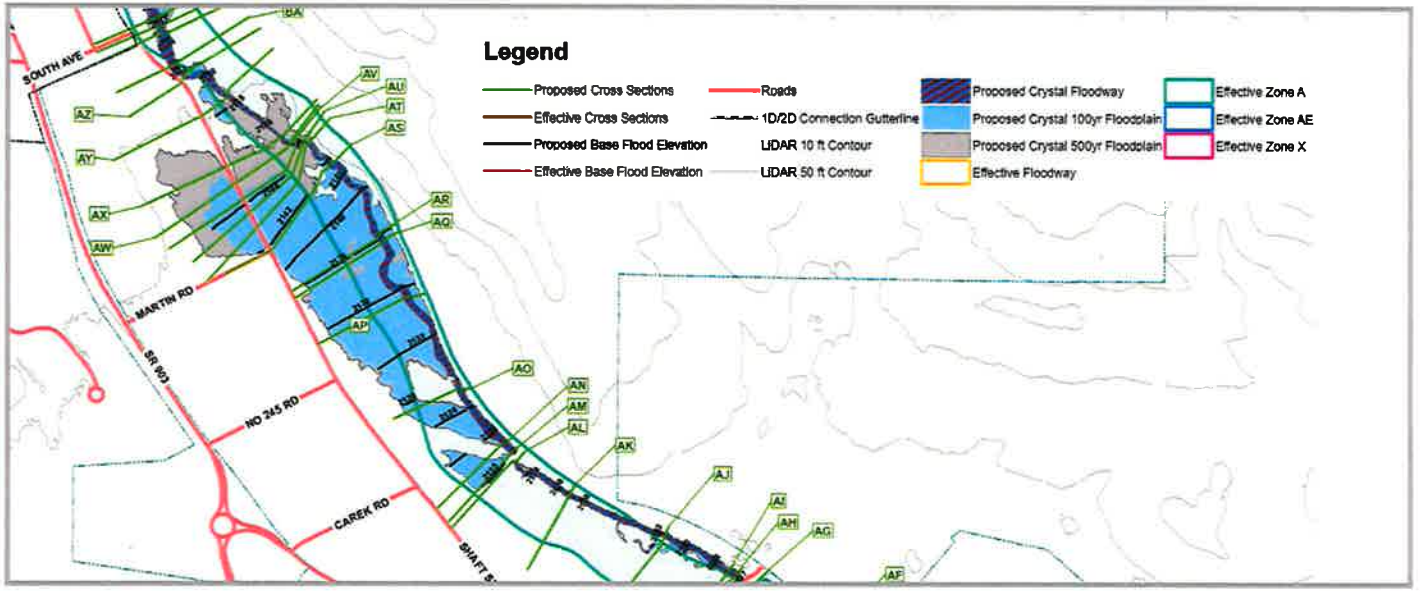
Continued funding through the Federal Emergency Management Agency's Cooperating Technical Partnership (CTP) program to improve flood models and channel migration zone mapping. Costs in 2022 are to support survey work to support flood study in 2023.

Status: In progress

Flood Impacts: Improved flood risk information

Funding

- Community Technical Partnership Program (potential)
- FCZD Levy



For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #10 Whiskey Creek at EWC Siphon

Wilson-Naneum-Cherry

Last Updated: June 21, 2021

Basis for Project: Wilson-Naneum-Cherry Assessment

Schedule: 2021—2022

Project Description:

Increase flood conveyance, eliminate canal and creek intermingling, and address fish passage barrier by replacing current the Ellensburg Water Company crossing at Whiskey Creek with a siphon. Final design is expected in 2021 with construction in 2022.

Status: Planned project

Flood Impacts: Decreased flooding along Whiskey Creek.

Funding

- FCZD Levy—design and construction.
- Grant or partner support for construction.

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #11 Wilson-Naneum-Cherry Phase 2

Wilson-Naneum-Cherry

Last Updated: June 21, 2021

Basis for Project: Wilson-Naneum-Cherry Assessment

Schedule: 2023

Project Description:

Hydrologic analysis with existing 2-d model to evaluate a potential Whiskey Creek tie-in at the Reecer Creek Floodplain project. Evaluate the effects of Mercer Creek flow routing north of the airport on hydrologic regime, determine the design specifications needed at proposed railroad crossing, evaluate the available flood capacity within Reecer Creek floodplain site, and assess water -right considerations downstream of the proposed reroute site.

Status: Planned project

Flood Impacts: Decreased flood risk to the West Ellensburg Community.

Funding

- FCZD Levy

Naneum, Wilson, and Cherry Creek Watershed Assessment

NANEUM • WILSON • CHERRY CREEK

WATERSHED ASSESSMENT

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #12 Wilson-Naneum-Cherry Phase 3

Wilson-Naneum-Cherry

Last Updated: June 21, 2021

Basis for Project: Wilson-Naneum-Cherry Assessment

Schedule: 2025—2026

Project Description:

Implement capital recommendations from Phase 2 Feasibility Study (FCZD Project # 11)

Status: Planned project

Flood Impacts: Decreased flood risk to the West Ellensburg Community.

Funding

- FCZD Levy
- Flood control assistance account program (potential)

Naneum, Wilson, and Cherry Creek Watershed Assessment

NANEUM • WILSON • CHERRY CREEK

WATERSHED ASSESSMENT

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #13 Reach Assessment (Elk Meadows)

Yakima River

Last Updated: June 21, 2021

Basis for Project: Planning need

Schedule: 2023—2024

Project Description:

Assessment to identify and prioritize flood alleviation and habitat restoration actions along a hazard prone area of th Yakima River, including the Elk Meadows communities.

Status: Planned project

Flood Impacts: Flood hazard risk identification.

Funding

- FCZD Levy
- Salmon Recovery Funding Board (potential)

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #14 Flow Conveyance Restoration (Site 2)

Based on need

Last Updated: September 30, 2020

Basis for Project: Recurring need

Schedule: 2022—2023

Project Description:

Implement flow conveyance restoration project that exceeds scope of annual flow conveyance maintenance activities. Typically these project require the removal of crack willow and associated sediment accumulations. Site to be determined.

Status: Planned project

Flood Impacts: Decreased flood frequency.

Funding

- FCZD Levy
- Ecology Centennial Clean Water Grant (potential)

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #15 Flow Conveyance Restoration (Site 3)

Based on need

Last Updated: September 30, 2020

Basis for Project: Recurring need

Schedule: 2022—2023

Project Description:

Implement flow conveyance restoration project that exceeds scope of annual flow conveyance maintenance activities. Typically these project require the removal of crack willow and associated sediment accumulations. Site to be determined.

Status: Planned project

Flood Impacts: Decreased flood frequency.

Funding

- FCZD Levy
- Ecology Centennial Clean Water Grant (potential)

Project Name: #16 Crystal Creek Conveyance Project

Crystal Creek Flood Study

Last Updated: September 30, 2020

Basis for Project: Crystal Creek Flood Study

Schedule: 2025—2026

Project Description:

Implement Crystal Creek conveyance project identified through current Crystal Creek flood study. Site to be determined.

Status: Planned project

Flood Impacts: Decreased flooding along Crystal Creek.

Funding

- Grant funding to be identified after project identification.

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #17 Manastash Cove Road Replacement

Manastash

Last Updated: September 30, 2020

Basis for Project: Manastash Creek Corridor Plan

Schedule: 2026

Project Description:

Replace existing Cove Road bridge with bridge of sufficient freeboard and span to pass sediment and flood flows.

Status: Future Project

Flood Impacts: Decreased flood risk along the Manastash River alluvial fan during significant flood events.

Funding

- FCZD Levy
- Flood control assistance account program (potential)

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us

Project Name: #18 Hazard Mitigation Plan Update

County-wide

Last Updated: June 21, 2021

Basis for Project: Kittitas County Hazard Mitigation Plan

Schedule: 2023

Project Description:

Kittitas County last updated its Multi-Jurisdictional Hazard Mitigation Plan in 2019. This plan must be updated every 5-years. An up-to-date mitigation plan that has been approved by the Federal Emergency Management Agency (FEMA) is required to be eligible for mitigation grants, such as FEMA's Pre-Disaster Mitigation Grant Program (PDM) and Hazard Mitigation Grant Program (HMGP) .

Status: Future Project

Flood Impacts: Identify key flood needs and maintain eligibility for Federal funding sources.

Funding

- FCZD Levy
- Washington State Department of Military (potential)

For more information on this project, contact Arden Thomas @ 509-962-7523 or arden.thomas@co.kittitas.wa.us