

FRANKLIN COUNTY RESOLUTION NO. 2024-147

BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF FRANKLIN COUNTY, WASHINGTON

*FRANKLIN COUNTY SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM
(STIP) – 2025-2030*

WHEREAS, pursuant to Section 36.81.121 RCW, the Board of Franklin County Commissioners is responsible for the preparation and adoption of a comprehensive transportation program for the ensuing six calendar years; and

WHEREAS, the Washington State Department of Transportation (WSDOT) requires submittal of such a program as part of the Statewide Transportation Improvement Program for the allocation of Federal Highway Administration (FHWA) funding; and

WHEREAS, pursuant to WAC 136-15-050(1), the comprehensive transportation improvement program was devised with respect to priorities and needs of the County; and

WHEREAS, pursuant to WAC 136-15-050(2), the County Road Engineer's bridge condition report has been provided with the comprehensive transportation improvement program; and

WHEREAS, pursuant to Section 36.81.121 RCW, a public hearing has been held prior to the adoption of the 2025-2030 comprehensive transportation improvement program; and

WHEREAS, the Board of Franklin County Commissioners, constituting the legislative authority of Franklin County, has reviewed the proposed program and finds adoption of said program as being in the best interest of Franklin County;

NOW, THEREFORE, BE IT RESOLVED that the Board of County Commissioners hereby adopts the 2025-2030 six-year transportation improvement program as submitted by the Public Works Department and as reviewed in public hearing on June 26, 2024.

APPROVED this 26 day of JUNE, 2024.

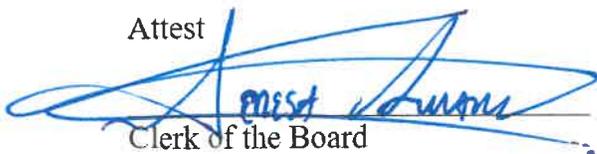
BOARD OF COUNTY COMMISSIONERS
FRANKLIN COUNTY, WASHINGTON

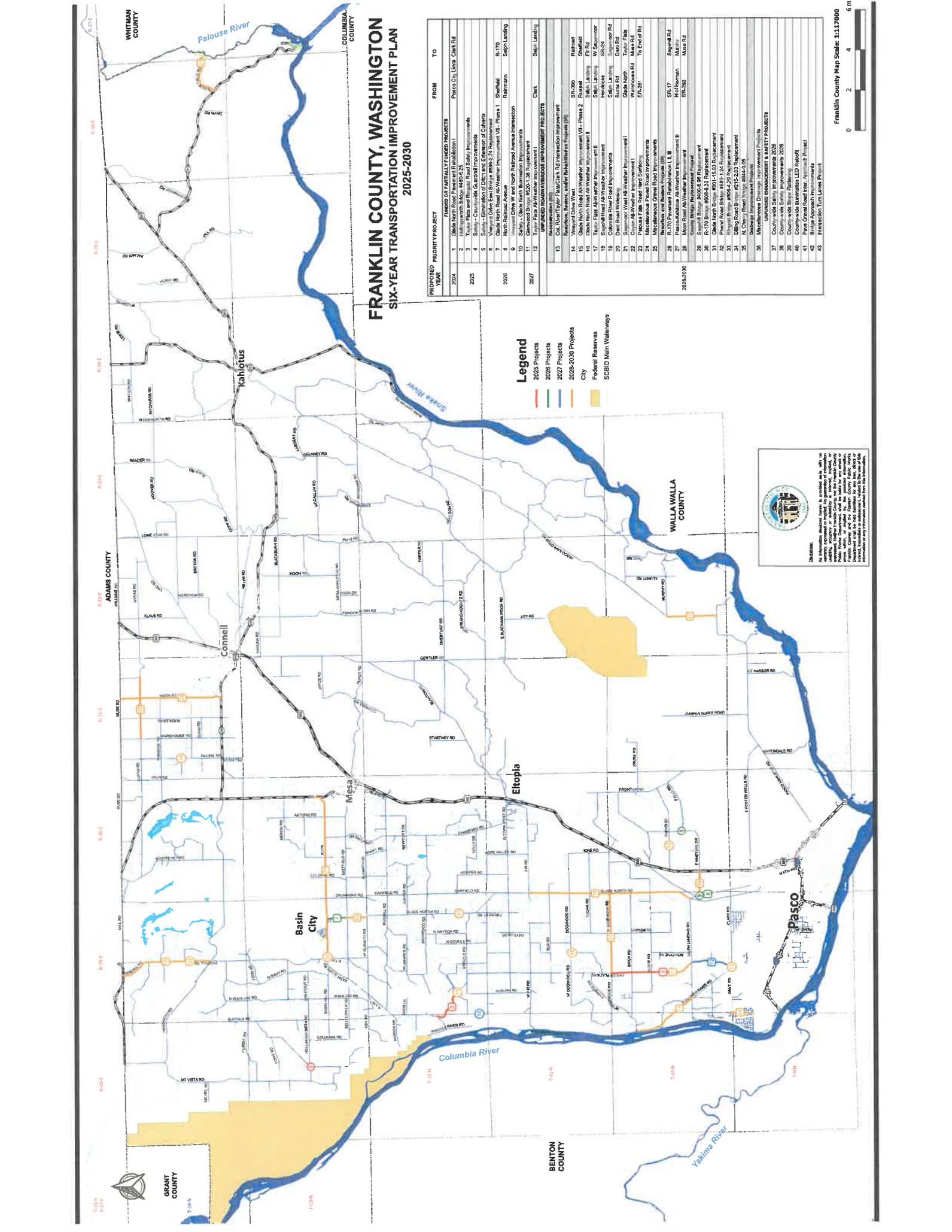

Chair


Chair Pro Tem


Member

Attest


Clerk of the Board



FRANKLIN COUNTY, WASHINGTON SIX-YEAR TRANSPORTATION IMPROVEMENT PLAN 2025-2030

PROPOSED YEAR	PRIORITY PROJECT	FROM	TO
2024	1. Check North Road Pavement Rehabilitation	Pasco City Limits	Clark Rd
2025	2. Millage North Bridge	SR505	SR505
3. Safety - 1st and 2nd Street	SR505	SR505	SR505
4. Safety - 1st and 2nd Street	SR505	SR505	SR505
5. Safety - 1st and 2nd Street	SR505	SR505	SR505
6. Viewpoint Drive East End	SR505	SR505	SR505
7. Check North Road All-Weather Improvement	SR505	SR505	SR505
8. North Road All-Weather Improvement	SR505	SR505	SR505
9. North Road All-Weather Improvement	SR505	SR505	SR505
10. Safety - Clark North Bunnell	SR505	SR505	SR505
11. Deenwood Drive	SR505	SR505	SR505
12. Taylor Road All-Weather Improvement	SR505	SR505	SR505
13. Col. Everett Taylor	SR505	SR505	SR505
14. Viewpoint Drive West	SR505	SR505	SR505
15. Check North Road All-Weather Improvement	SR505	SR505	SR505
16. Check North Road All-Weather Improvement	SR505	SR505	SR505
17. Taylor Road All-Weather Improvement	SR505	SR505	SR505
18. Taylor Road All-Weather Improvement	SR505	SR505	SR505
19. Taylor Road All-Weather Improvement	SR505	SR505	SR505
20. Taylor Road All-Weather Improvement	SR505	SR505	SR505
21. Taylor Road All-Weather Improvement	SR505	SR505	SR505
22. Taylor Road All-Weather Improvement	SR505	SR505	SR505
23. Taylor Road All-Weather Improvement	SR505	SR505	SR505
24. Taylor Road All-Weather Improvement	SR505	SR505	SR505
25. Taylor Road All-Weather Improvement	SR505	SR505	SR505
2028/2030	26. Taylor Road All-Weather Improvement	SR505	SR505
27. Taylor Road All-Weather Improvement	SR505	SR505	SR505
28. Taylor Road All-Weather Improvement	SR505	SR505	SR505
29. Taylor Road All-Weather Improvement	SR505	SR505	SR505
30. Taylor Road All-Weather Improvement	SR505	SR505	SR505
31. Taylor Road All-Weather Improvement	SR505	SR505	SR505
32. Taylor Road All-Weather Improvement	SR505	SR505	SR505
33. Taylor Road All-Weather Improvement	SR505	SR505	SR505
34. Taylor Road All-Weather Improvement	SR505	SR505	SR505
35. Taylor Road All-Weather Improvement	SR505	SR505	SR505
36. Taylor Road All-Weather Improvement	SR505	SR505	SR505
37. Taylor Road All-Weather Improvement	SR505	SR505	SR505
38. Taylor Road All-Weather Improvement	SR505	SR505	SR505
39. Taylor Road All-Weather Improvement	SR505	SR505	SR505
40. Taylor Road All-Weather Improvement	SR505	SR505	SR505
41. Taylor Road All-Weather Improvement	SR505	SR505	SR505
42. Taylor Road All-Weather Improvement	SR505	SR505	SR505

Franklin County Map Scale: 1:17,000
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Disclaimer: Franklin County is not responsible for any errors or omissions in this plan. The information is provided for informational purposes only. Franklin County is not liable for any damages, including but not limited to, direct, indirect, or consequential damages, arising from the use of this plan. The information is provided as is, without warranty of any kind, express or implied, including but not limited to, accuracy, completeness, or availability. Franklin County is not responsible for any errors or omissions in this plan. The information is provided for informational purposes only. Franklin County is not liable for any damages, including but not limited to, direct, indirect, or consequential damages, arising from the use of this plan. The information is provided as is, without warranty of any kind, express or implied, including but not limited to, accuracy, completeness, or availability.



**FRANKLIN COUNTY
2025 - 2030
SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM**

Proposed Construction Year	Priority	FFC	CRP	PROJECT	FUNDING SOURCE	TYPE	TERMINI	LENGTH (MILES)	COST EST *	FUNDING SOURCE					DESIGN, R/W, & CONSTRUCTION				
										FUNDING SOURCE					UNDETERMINED FUNDING SOURCE	2025	2026	2027	2028 to 2030
										STP-STB	BROS	HSP	TAP	RAP					
FUNDED OR PARTIALLY FUNDED PROJECTS																			
PROJECTS SCHEDULED TO BEGIN CONSTRUCTION IN LATE 2024																			
2025	1	7	627	Glade North Road Pavement Rehabilitation I	STP	2R	Clark Rd	1.7	1,550	1,550	1,340			210					
2025	2	8	628	Hollingsworth Bridge #463-6.25	BROS / RAP	BR	Passco City Limits	0.1	946	946	761	185		0					
2025	3	7	632	Taylor Flats and Ringold Road Safety Improvements	HSP	Safety			2,024		1844			180					
2025	4	7	632	Taylor Flats and Ringold Road Safety Improvements	HSP	Safety	veries		895		895								
2025	5	7	632	Safety - Countywide Guardrail Improvements	HSP	Safety	veries		1,403		1,403								
2025	6	8	633	Safety - Elimination of Ditch and Extension of Culverts	HSP	Safety	veries		1,403		1,403								
2026	6	8	633	Vineyard Drive E. Bridge #986-2.74 Replacement	BROS	BR		0.1	1,848		1,848			0					
2026	7	7	634	North Railroad Avenue	RAP	3R	Shellfield	R-170	1,530			1,378		152					
2026	8	7	634	North Railroad Avenue	STP	2R	Rehmann	Sageh Landing	2,135	1,847				288					
2026	9	8	635	Vineyard Drive West and North Railroad Avenue Intersection	RAP	3R			2,381			1,530		238					
2026	10	7	635	Safety - Glade North Illumination Improvements	HSP	Safety	veries		855		855								
2027	11	9	637	Glenwood Bridge #520-1.38 Replacement	BROS	BR			3,082		3,082								
2027	12	7	636	Taylor Flats All-Weather Improvement I	STP	3R	Clark	Sageh Landing	2.1	3,655	3,170			495					
UNFUNDED ROADWAY & BRIDGE IMPROVEMENT PROJECTS																			
Reconstruction (RC)																			
2027	13	7		Columbia River Taylor Flats Clark Rd Intersection Improvement	RC	RC			2,500										
2027	14	8		Vineyard Drive West	3R	3R	SR-395	Rehmann	1.0	3,130									
2027	15	7		Glade North Road All-Weather Improvement VIII - Phase 2	3R	3R	Shellfield		2,450										
2027	16	7		Glade North Road All-Weather Improvement VIII - Phase 2	3R	3R	Shellfield		2,450										
2027	17	7		Taylor Flats All-Weather Improvement II, III	3R	3R	Sageh Landing	W Sageamor	4.1	4,510									
2027	18	7		Taylor Flats All-Weather Improvement II, III	3R	3R	Sageh Landing	W Sageamor	4.1	4,510									
2027	19	8		Sagehill Road All-Weather Improvement	3R	3R	Headlands	SR24	5,060										
2027	20	U		Columbia River Road Improvements	3R	3R	Sageh Landing	Sageamor Rd	3.2	3,520									
2027	21	7		Dent Road Widening	3R	3R	Burns Rd	Dent Rd	1.0	1,100									
2027	22	7		Sageamor West All-Weather Improvement I	3R	3R	Glade North	Taylor Flats	4.1	4,510									
2027	23	8		Coyan All-Weather Improvement I	3R	3R	Warehouse Rd	Warehouse Rd	3.2	3,520									
2027	24	9		Palouse Falls Road Hand Surfacing	3R	3R	SR-201	To End of Rd	2.3	2,530									
2027	25	9		Miscellaneous Paved Road Improvements	3R	3R			750										
2027	26	7		Miscellaneous Gravel Road Improvements	3R	3R			750										
2027	27	7		Restripes and Restore Projects (2R)	2R	2R	SR17	Sagehill Rd	8.4	7,560									
2027	28	7		R-170 Pavement Rehabilitation I, II, III	2R	2R	N of Herman	Murphy	2.5	2,250									
2027	29	7		Passco-Kahluas All-Weather Improvement III	2R	2R	SR280	Muse Rd	4.9	4,410									
2027	30	7		Moan Road All-Weather Improvement	2R	2R													
2027	31	7		County Bridge Replacement Project	BR	BR													
2027	32	9		Sagehill Bridge #400-6.98 Replacement	BR	BR			2,905										
2027	33	9		R-170 Bridge #608-8.30 Replacement	BR	BR			2,197										
2027	34	9		Glade North Bridge #601-1.5.93 Replacement	BR	BR			2,008										
2027	35	9		Phend Road Bridge #690-1.24 Replacement	BR	BR			1,600										
2027	36	9		Ringold Road Bridge #506-4.20 Replacement	BR	BR			1,600										
2027	37	9		Dilling Road Bridge #215-2.03 Replacement	BR	BR			1,600										
2027	38	9		N. Cherry Road Bridge #944-0.05 Replacement	BR	BR			1,750										
2027	39	9		Drainage Improvement Projects	BR	BR			1,750										
2027	40	9		Miscellaneous Drainage Improvement Projects	BR	BR			1,750										
2027	41	9		UNFUNDED ENHANCEMENT & SAFETY PROJECTS	DR	DR			100										
2027	42	9		County-wide Safety Improvements 2026	Safety	Safety			1,000										
2027	43	9		County-wide Safety Improvements 2028	Safety	Safety			1,000										
2027	44	9		County-wide Slope Flattening	Safety	Safety			750										
2027	45	9		County-wide Illumination LED Retrofit	Safety	Safety			150										
2027	46	9		Pave Gravel Road Inter. Approach Project	Safety	Safety			1,000										
2027	47	9		Bridge Approach Improvements	Safety	Safety			175										
2027	48	9		Intersection Turn Lanes Project	Safety	Safety			750										

7 - Major Collector
8 - Minor Collector
9 - Local Access
U - Urban

* Funding is x1,000

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Project Statistics

Functional Classification	07
Improvement Classification	05
Road Number	09010
Milepost	0.32 to 2.04
Mileage	1.72
Environ. Class.	CE
Utilities	P, T

Traffic Count

2018	5283 ADT
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Existing Conditions

All-Weather road has deteriorated

Project Estimate

Preliminary Engineering	\$125,000
Right-of-Way	\$0
Construction	\$1,425,000
TOTAL	\$1,550,000

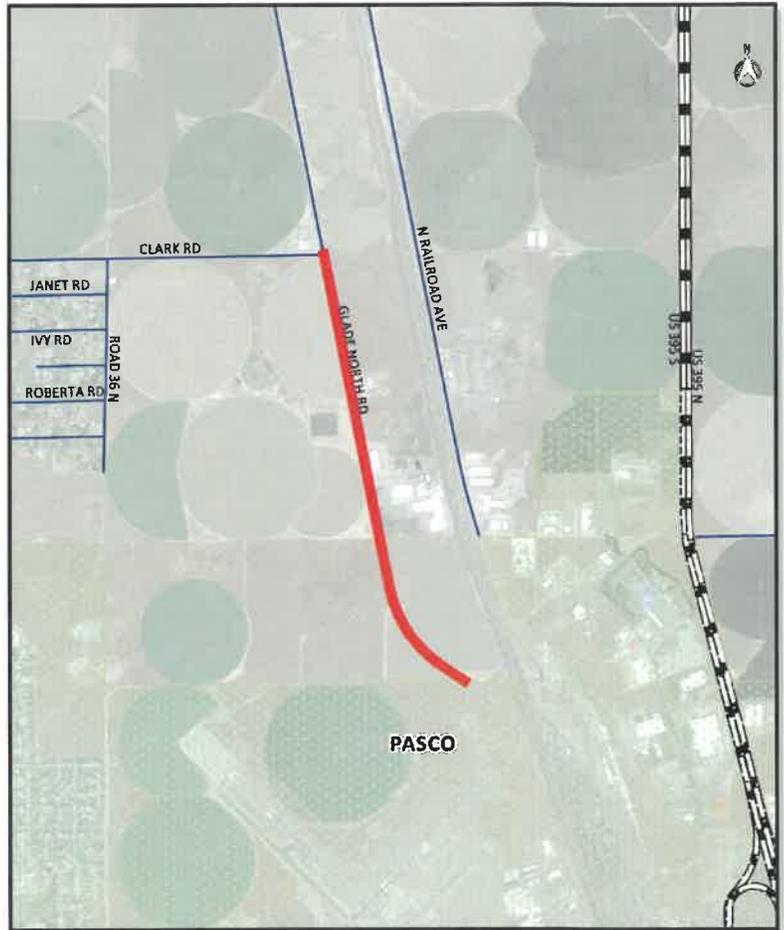
Project Schedule

Preliminary Engineering	2020
Right-of-Way	
Construction	2024

Project Funding

FHWA	\$1,340,750
State	\$0
Local Funding	\$209,250

VICINITY MAP



Project Description

The proposed project aims to resurface with asphalt and add illumination, as needed.

Project Justification

This section of road was paved with asphalt in 1991; the life of the asphalt structure is nearing its end. If not rehabilitated, this section of roadway will quickly fail.

Status

Approved by the Board of County Commissioners in 2020 (Resolution 2020-094) as CRP 627. The County is in the preliminary engineering phase for this project.

HOLLINGSWORTH BRIDGE #460-6.25 REPLACEMENT **Priority # 2**

Project Statistics

Functional Classification	08
Improvement Classification	11
Road Number	04600
Milepost	6.22 to 6.32
Mileage	0.10
Environ. Class.	CE

Traffic Count

2020	740 ADT
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Existing Conditions

Bridge is structurally deficient.

Project Estimate

Preliminary Engineering	\$112,500
Right-of-Way	\$0
Construction	\$833,820
TOTAL	\$946,320

Project Schedule

Preliminary Engineering	2020
Right-of-Way	
Construction	2024/2025

Project Funding

FHWA (BROS)	\$761,520
State	\$184,800
Local Funding	\$0

VICINITY MAP



Project Description

Replace 28 feet of untreated timber structure built in 1959 with steel or concrete arch structure.

Project Justification

The bridge is structurally deficient.

Status

Approved by the Board of County Commissioners in 2020 (Resolution 2020-106) as CRP 628.

The County is in the preliminary engineering phase for this project.

The project is scheduled for construction in the winter of 2024/2025.

TAYLOR FLATS AND RINGOLD ROAD SAFETY IMPROVEMENTS **Priority # 3**

Project Statistics

Functional Classification	07
Improvement Classification	05
Road Number	09030/05060
Milepost	varies
Mileage	varies
Environ. Class.	CE
Utilities	FO, P, T

Traffic Count

2020 (TF)	4445 ADT
2020 (Ringold)	1760 ADT

Existing Conditions

Shoulder slopes and width
Inadequate in places

Project Estimate

Preliminary Engineering	\$224,000
Right-of-Way	\$0
Construction	\$1,800,000
TOTAL	\$2,024,000

Project Schedule

Preliminary Engineering	2022
Right-of-Way	-
Construction	2025

Project Funding

FHWA	\$1,844,000
State	\$0
Local Funding	\$180,000

Project Description

The project aims to identify and apply slope flattening, shoulder widening, and/or guardrail issues along sections of Taylor Flats Road and Ringold Road.

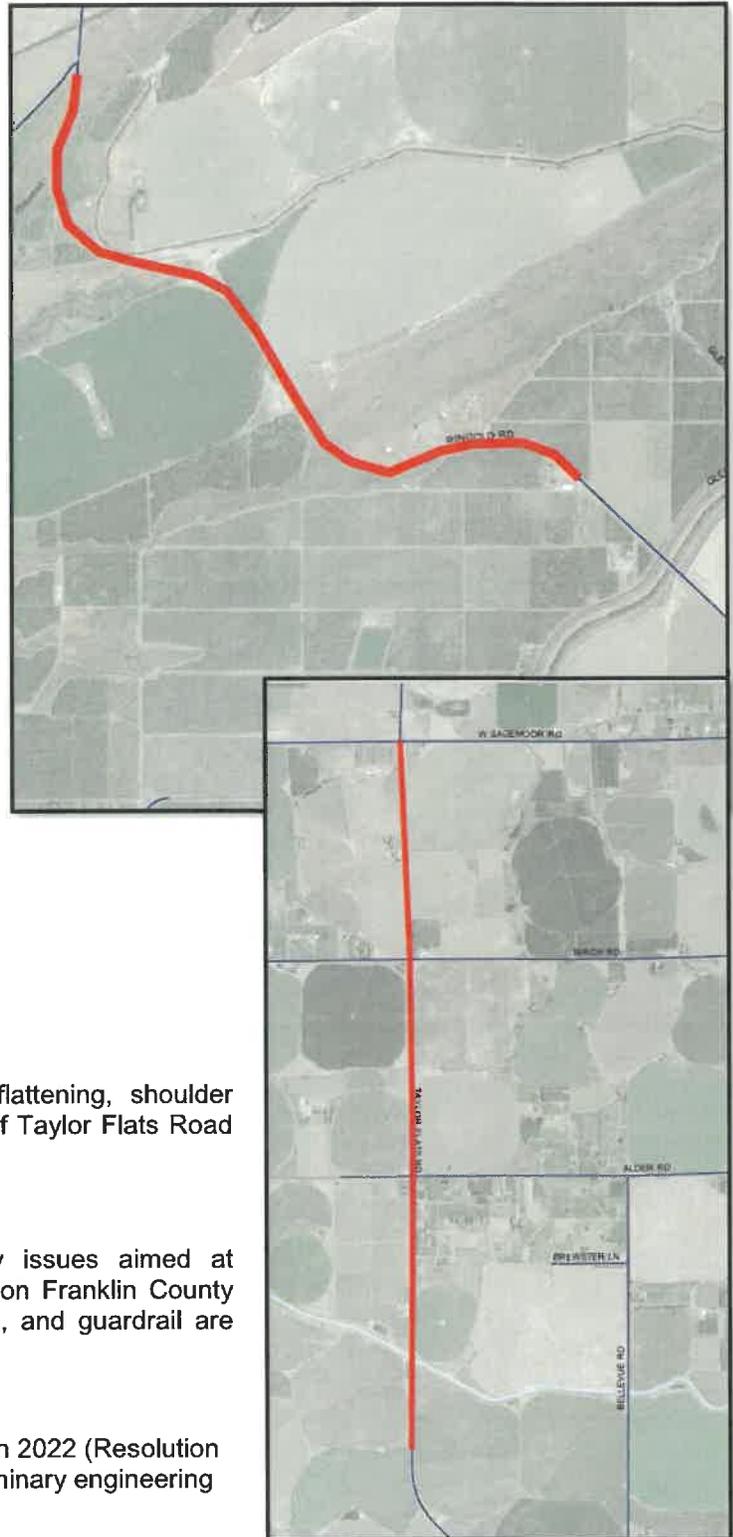
Project Justification

Federal funding is available to address safety issues aimed at preventing collisions and other accidents. Based on Franklin County collision data, slope flattening, shoulder widening, and guardrail are desirable preventative measures.

Status

Approved by the Board of County Commissioners in 2022 (Resolution 2022-169) as CRP 632. The County is in the preliminary engineering phase for this project.

VICINITY MAP



Project Statistics

Functional Classification	
Improvement Classification	05
Road Number	Varies
Milepost	Varies
Mileage	
Environ. Class.	CE
Utilities	P, T

Traffic Count

Sagehill Road	3066 ADT
Blanton Road	194 ADT
Pasco-Kahlotus Road	3347 ADT

Existing Conditions

Guardrail inadequate in places.

Project Estimate

Preliminary Engineering	\$103,000
Right-of-Way	\$0
Construction	\$792,000
TOTAL	\$895,000

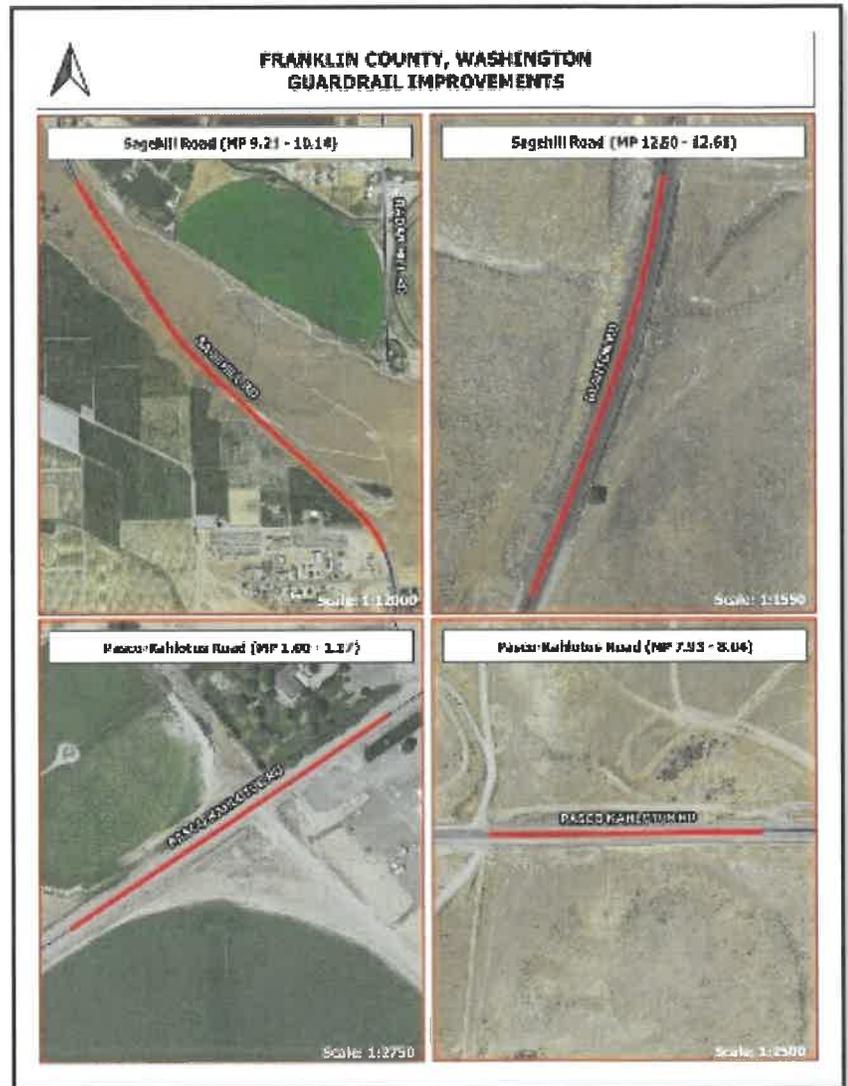
Project Schedule

Preliminary Engineering	2024
Right-of-Way	
Construction	2026

Project Funding

FHWA	\$895,000
State	\$0
Local Funding	\$89,500

VICINITY MAP



Project Description

The proposed project aims to install/upgrade guardrail for reducing roadway departures/reducing hit objects.

Project Justification

Federal funding is available to address safety issues aimed at preventing collisions and other accidents. Based on Franklin County collision data, guardrail is a desirable preventative measures.

Status

The County is preparing to create a County Road Project and obligate FHWA's HSIP funds for this project.

SAFETY – ELIMINATION OF DITCH & EXTENSION OF CULVERTS **Priority # 5**

Project Statistics

Functional Classification	05
Improvement Classification	05
Road Number	Varies
Milepost	Varies
Mileage	
Environ. Class.	CE
Utilities	P, T

Traffic Count

Columbia River Road	796 ADT
Vineyard Dr E & Falls Rd	772 ADT
Russell Rd & Langford Rd	604 ADT

Existing Conditions

Irrigations laterals are situated too near to the road and/or intersections

Project Estimate

Preliminary Engineering	\$151,000
Right-of-Way	\$0
Construction	\$1,252,000
TOTAL	\$1,403,000

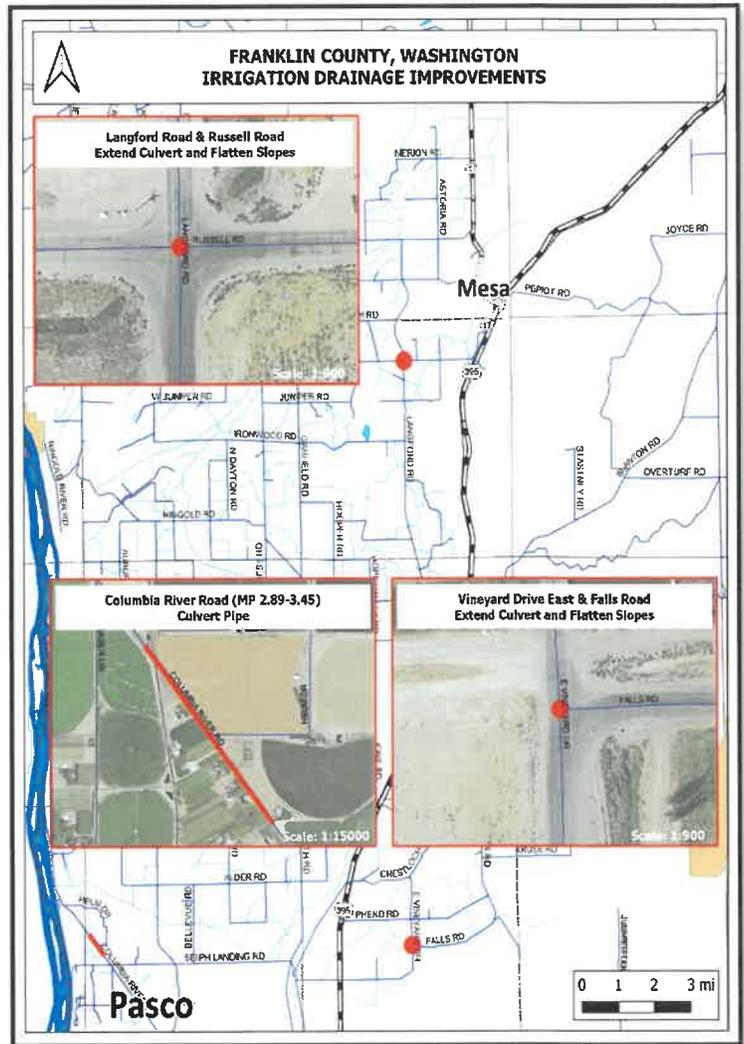
Project Schedule

Preliminary Engineering	2024
Right-of-Way	
Construction	2026

Project Funding

FHWA	\$1,403,000
State	\$0
Local Funding	\$140,300

VICINITY MAP



Project Description

The proposed project aims to install a culvert pipe (remove ditch), extend culverts, and flattens slopes to minimize severe crashes.

Project Justification

Federal funding is available to address safety issues aimed at improvements/countermeasures for reducing hit objects/overturn collisions and other accidents.

Status

The County is preparing to create a County Road Project and obligate FHWA's HSIP funds for this project.

VINEYARD EAST DRIVE BRIDGE #886-2.74 REPLACEMENT **Priority # 6**

Project Statistics

Functional Classification	08
Improvement Classification	BR
Road Number	08860
Milepost	2.64 to 2.84
Mileage	0.10
Environ. Class.	CE

Traffic Count

2018	772 ADT
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Existing Conditions

Bridge is structurally deficient.

Project Estimate

Preliminary Engineering	\$521,700
Right-of-Way	\$11,600
Construction	\$1,314,600
TOTAL	\$1,847,900

Project Schedule

Preliminary Engineering	2023
Right-of-Way	2025
Construction	2026

Project Funding

FHWA (BROS)	\$1,668,826
State	\$0
Local Funding	\$179,074

VICINITY MAP



Project Description

Replace 40 ft of timber sawn girder structure built in 1965 with steel or concrete structure.

Project Justification

The bridge is structurally deficient.

Status

Approved by the Board of County Commissioners in 2023 (Resolution 2023-130) as CRP 633. The County is in the preliminary engineering phase for this project.

GLADE NORTH RD ALL-WEATHER IMPROVEMENT VIII – PHASE I **Priority # 7**

Project Statistics

Functional Classification	07
Improvement Classification	3R
Road Number	09010
Milepost	21.45 to 22.59
Mileage	1.14
Environ. Class.	CE
Utilities	P, T, FO

Traffic Count

2018	1987 ADT
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Existing Conditions

28-ft wide road; sight distance issues; heavy truck traffic; deteriorating road; not all weather

Project Estimate

Preliminary Engineering	\$200,000
Right-of-Way	\$280,000
Construction	\$1,050,000
TOTAL	\$1,530,000

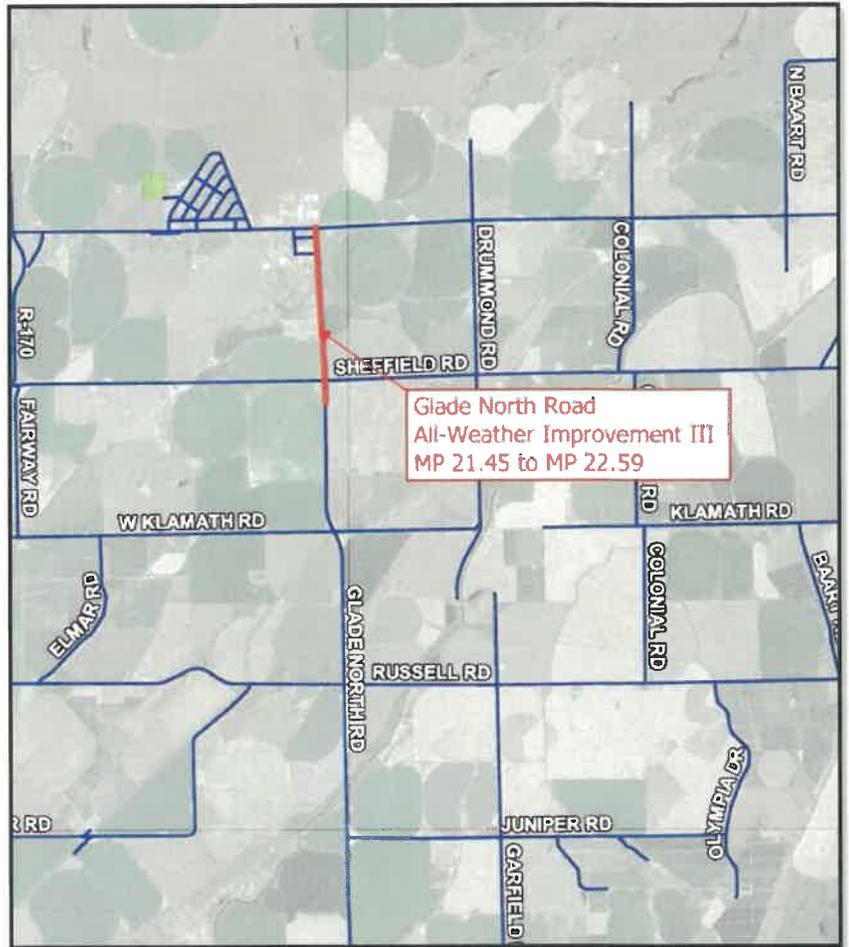
Project Schedule

Preliminary Engineering	2022
Right-of-Way	2024
Construction	2026

Project Funding

FHWA	\$0
State	\$1,377,000
County	\$153,000

VICINITY MAP



Project Description

The project will widen and overlay this major arterial road bringing Glade North Road to current design standards. The added structural strength will upgrade this section of roadway to an all-weather route.

Project Justification

The proposed project will address the most northerly one (1) mile section of Glade North Road that accesses directly into Basin City. This section of roadway is deteriorating rapidly and past its useful life. Repair and maintenance cost have escalated since the road was not built to support the traffic load that it now carries close to 2000 ADT with 32% truck traffic. Besides not being structurally sound, other deficiencies to this section of roadway is the width of the roadway, edge cracking, longitudinal, transverse, and alligator cracking.

Status

Approved by the Board of County Commissioners in 2022 (Resolution 2022-112) as CRP 631. The County is in the preliminary engineering phase for this project.

NORTH RAILROAD AVENUE **Priority # 8**

Project Statistics

Functional Classification	07
Improvement Classification	3R
Road Number	10100
Milepost - Railroad	2.13 to 3.27
Mileage	1.14
Environ. Class.	CE
Utilities	P, T, W

Traffic Count

2018 - Railroad	1001 ADT
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Existing Conditions

Bring to current design standards

Project Estimate

Preliminary Engineering	\$150,000
Right-of-Way	\$0
Construction	\$1,985,000
TOTAL	\$2,135,000

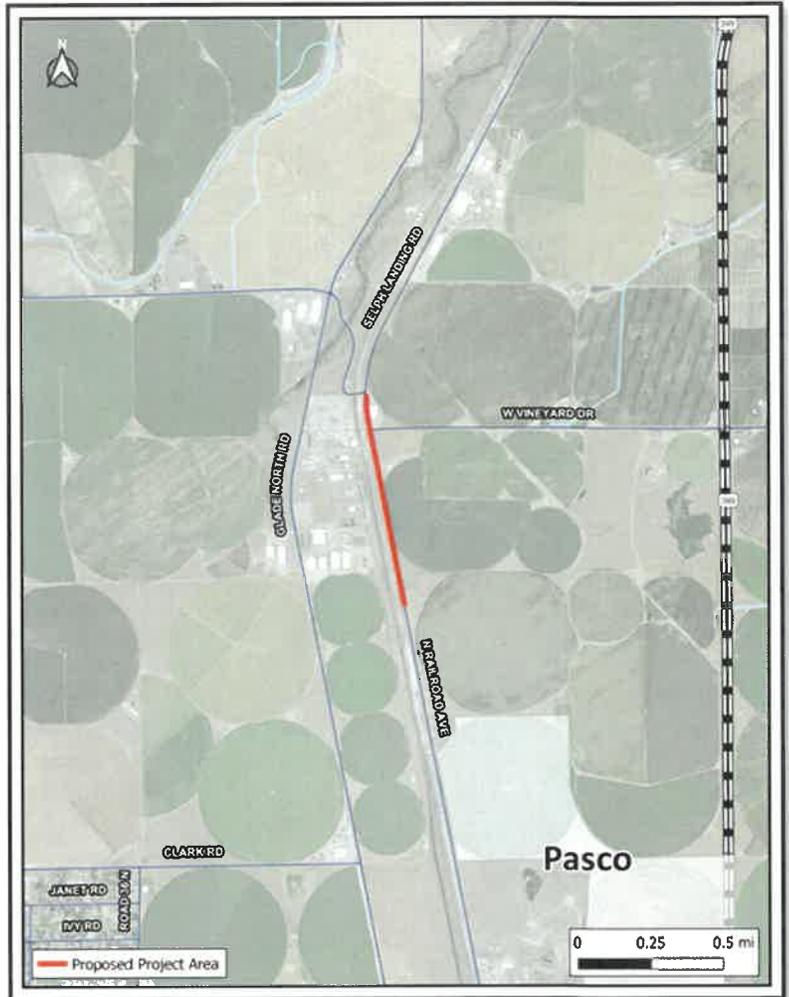
Project Schedule

Preliminary Engineering	2023
Right-of-Way	
Construction	2025

Project Funding

FHWA	\$1,846,775
State	\$0
Local Funding	\$288,225

VICINITY MAP



Project Description

The project will widen and overlay the road to a total paved width of 36 feet (two 12-foot lanes with 6-foot shoulders) and add sufficient asphalt depth to allow commercial trucks servicing the area to operate safely.

Project Justification

Development of the area is highly dependent on the local transportation system serving the area. North Railroad Avenue is the primary road servicing the area, as one of the main connections to SR-395. The road suffers from structure and design deficits that pose both safety and longevity concerns. North Railroad Avenue does not meet current standards to service the area.

Status

Approved by the Board of County Commissioners in 2023 (Resolution 2023-132) as CRP 634. The County is in the preliminary engineering phase for this project.

Project Statistics

Functional Classification	07/08
Improvement Classification	RC
Road Number - Railroad	10100
Road Number - Vineyard	08870
Milepost - Railroad	2.97 to 3.27
Milepost - Vineyard	0.09 to 1.24
Mileage	Varies
Environ. Class.	CE
Utilities	P, T, W, FO

Traffic Count

2018 - Railroad	1001 ADT
2015 - Vineyard	505 ADT

Existing Conditions

Site distance issue and not at current design standards

Project Estimate

Preliminary Engineering	\$217,000
Right-of-Way	\$176,000
Construction	\$1,988,000
TOTAL	\$2,381,000

Project Schedule

Preliminary Engineering	2023
Right-of-Way	2024
Construction	2025

Project Funding

FHWA	\$0
State	\$1,529,800
Local Funding	\$238,100
Unfunded	\$613,100

Project Description

The project will address the intersection of Vineyard and Railroad. State funding (RAP) will be used on this minor collector to address Vineyard’s site distance and utility needs.

Project Justification

Development of the area is highly dependent on the local transportation system serving the area. N. Railroad Avenue is the primary road servicing the area, while West Vineyard Drive serves as a primary connection from N. Railroad Avenue to SR-395.

Status

Approved by the Board of County Commissioners in 2023 (Resolution 2023-142) as CRP 635. The County is in the preliminary engineering phase for this project.

VICINITY MAP



Project Statistics

Functional Classification	
Improvement Classification	05
Road Number	Varies
Milepost	Varies
Mileage	
Environ. Class.	CE
Utilities	P, T

Traffic Count

Etopia West Rd at Glade N Rd	ADT
R-170 at Glade N Rd	ADT
Selph Landing Rd at Glade N Rd	ADT

Existing Conditions

Signs and street lighting are inadequate.

Project Estimate

Preliminary Engineering	\$100,000
Right-of-Way	\$0
Construction	\$755,000
TOTAL	\$855,000

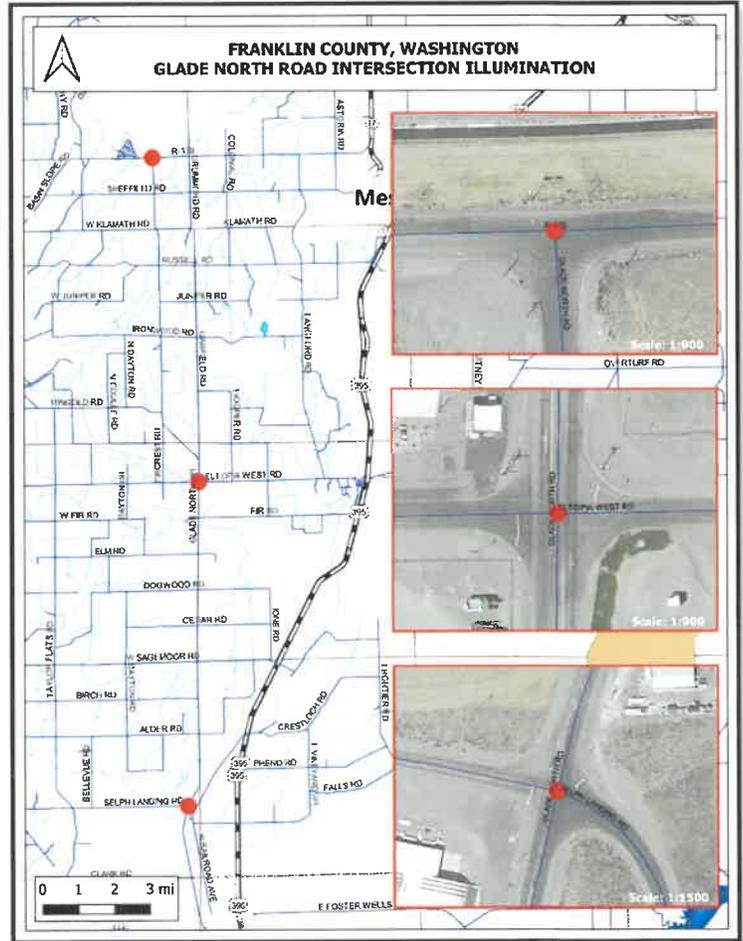
Project Schedule

Preliminary Engineering	2024
Right-of-Way	
Construction	2026

Project Funding

FHWA	\$855,000
State	\$0
Local Funding	\$0

VICINITY MAP



Project Description

The proposed project aims to install street lighting and improve/enhance permanent signs and add new or additional street lights and flashing LED signs.

Project Justification

Federal funding is available to address safety issues aimed at improvements/countermeasures for reducing hit objects collisions and other accidents.

Status

The County is preparing to create a County Road Project and obligate FHWA's HISP funds for this project.

GLENWOOD BRIDGE #520-1.38 REPLACEMENT **Priority #11**

Project Statistics

Functional Classification	09
Improvement Classification	BR
Road Number	05290
Milepost	1.33 to 1.43
Mileage	0.10
Environ. Class.	CE

Traffic Count

2018	204 ADT
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Existing Conditions

Bridge is structurally deficient.

Project Estimate

Preliminary Engineering	\$450,000
Right-of-Way	\$25,000
Construction	\$2,607,000
TOTAL	\$3,082,000

Project Schedule

Preliminary Engineering	2024
Right-of-Way	2026
Construction	2026

Project Funding

FHWA (BROS)	\$3,082,000
State	\$0
Local Funding	\$0

VICINITY MAP



Project Description

Replace 93 ft of timber sawn girder structure built in 1954 with prestressed concrete bulb-tee girder structure.

Project Justification

The bridge is structurally deficient.

Status

Approved by the Board of County Commissioners in 2024 (Resolution 2024-091) as CRP 637. The County is in the preliminary engineering phase for this project.

Project Statistics

Functional Classification	07
Improvement Classification	3R
Road Number	09030
Milepost	0.00 to 2.09
Mileage	2.09
Environ. Class.	CE
Utilities	P, T, W, FO

Traffic Count

2018	6602 ADT
------	----------

Existing Conditions

Not up to current design standards

Project Estimate

Preliminary Engineering	\$240,000
Right-of-Way	\$0
Construction	\$3,425,000
TOTAL	\$3,665,000

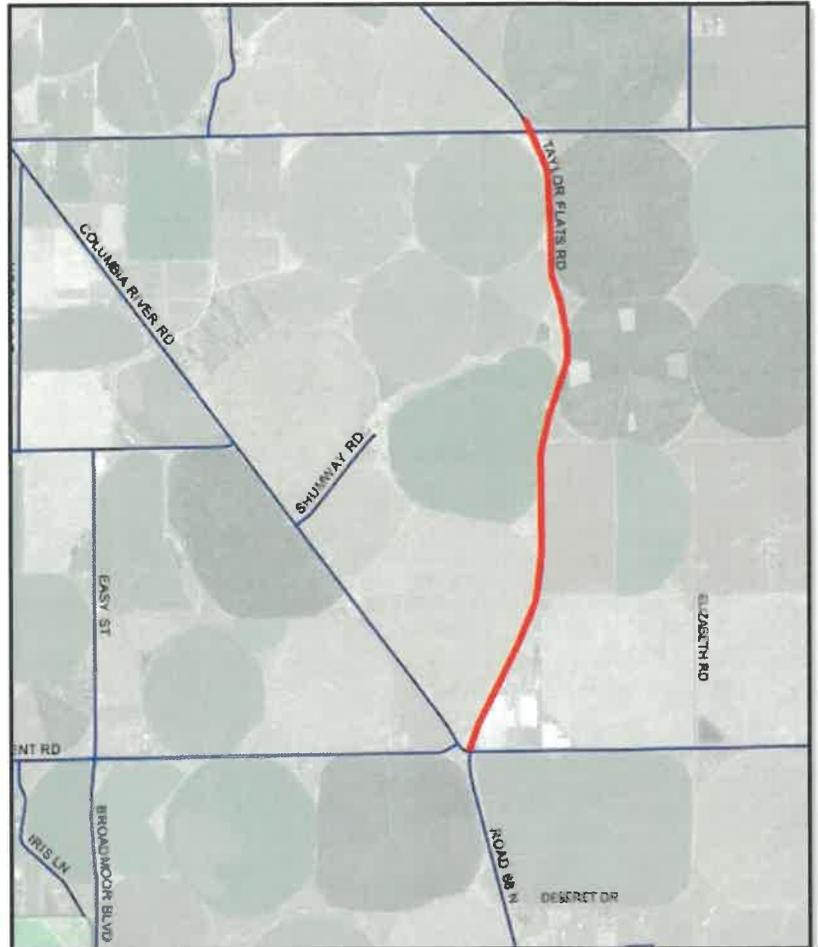
Project Schedule

Preliminary Engineering	2023
Right-of-Way	
Construction	2027

Project Funding

FHWA	\$3,170,225
State	\$0
Local Funding	\$494,775
Unfunded	\$0

VICINITY MAP



Project Description

The project aims to widen and overlay Taylor Flats Road to current design standards. The added structural strength will upgrade this section of roadway to an all-weather route.

Project Justification

Taylor Flats Road is a major arterial road with more than 6,600 vehicles (15% truck traffic) utilizing this section of road. Due to Taylor Flats relatively high ADT and its use of commercial and local vehicles; year-round accessibility is necessary.

Status

Funding is secured and will soon be obligated.

COLUMBIA RIVER/TAYLOR FLATS/CLARK ROAD INTER. IMP. Priority # 13 (RC)

Project Statistics

Functional Classification	07/08
Improvement Classification	RC
Road No.	09260/09030/10010/10050
Milepost	Varies
Mileage	Varies
Environ. Class.	CE
Utilities	P T W FO

Traffic Count

2018	7,470 ADT
------	-----------

Existing Conditions

Reconfiguration of a five-leg intersection that does not meet current traffic needs.

Project Estimate

Preliminary Engineering	\$200,000
Right-of-Way	\$100,000
Construction	\$2,200,000
TOTAL	\$2,500,000

Project Schedule

Preliminary Engineering
Right-of-Way
Construction

Project Funding

FHWA	\$0
State	\$0
Local Funding	\$0
Unfunded	\$2,500,000

VICINITY MAP



Project Description

The proposed project will address the configuration of a five-leg intersection heavily utilized by both commercial and passenger vehicles.

Project Justification

Columbia River, Taylor Flats, Dent, Road 68 N, and Clark Roads intersection has recently been partially annexed into the city. Several residential developments have been constructed with more planned for the future. Safety is a top priority for both the City of Pasco and Franklin County. The joint project will address the traffic flow and safety concerns characteristics of varying vehicle types that utilize this intersection.

Status

Planned.

VINEYARD DRIVE WEST Priority # 14 (3R)

Project Statistics

Functional Classification	08
Improvement Classification	3R
Road Number - Vineyard	08870
Milepost	0.00 to 1.0
Mileage	1.0
Environ. Class.	CE
Utilities	P, T, W

Traffic Count

2015	505 ADT
------	---------

Existing Conditions

Bring up to current design standards

Project Estimate

Preliminary Engineering	\$150,000
Right-of-Way	\$235,000
Construction	\$2,000,000
TOTAL	\$2,385,000

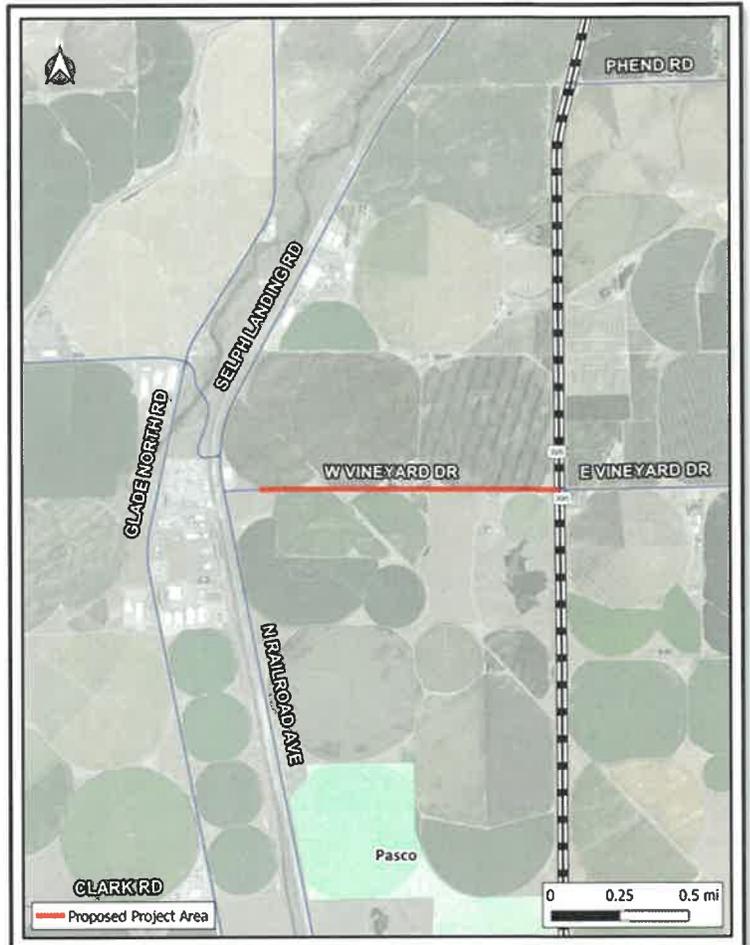
Project Schedule

Preliminary Engineering
 Right-of-Way
 Construction

Project Funding

FHWA	\$0
State	\$0
Local Funding	\$0
Unfunded	\$2,385,000

VICINITY MAP



Project Description

The project will widen and overlay Vineyard Road to current design standards. Allowing commercial trucks that service the area to access to industrial facilities.

Project Justification

Development of the area is highly dependent on the local transportation system serving the area. West Vineyard Drive serves as one of the primary connections from North Railroad Avenue to SR-395. West Vineyard Drive does not meet current standards to service the area.

Status

Planned

GLADE NORTH RD ALL-WEATHER IMPROVEMENT VIII – Ph. 2 Priority # 15 (3R)

Project Statistics

Functional Classification	07
Improvement Classification	3R
Road Number	09010
Milepost	19.55 to 21.45
Mileage	1.90
Environ. Class.	CE
Utilities	P, T, FO

Traffic Count

2018	2414 ADT
------	----------

Existing Conditions

28-ft wide road; heavy truck traffic; deteriorating road; not all weather

Project Estimate

Preliminary Engineering	\$200,000
Right-of-Way	\$200,000
Construction	\$2,050,000
TOTAL	\$2,450,000

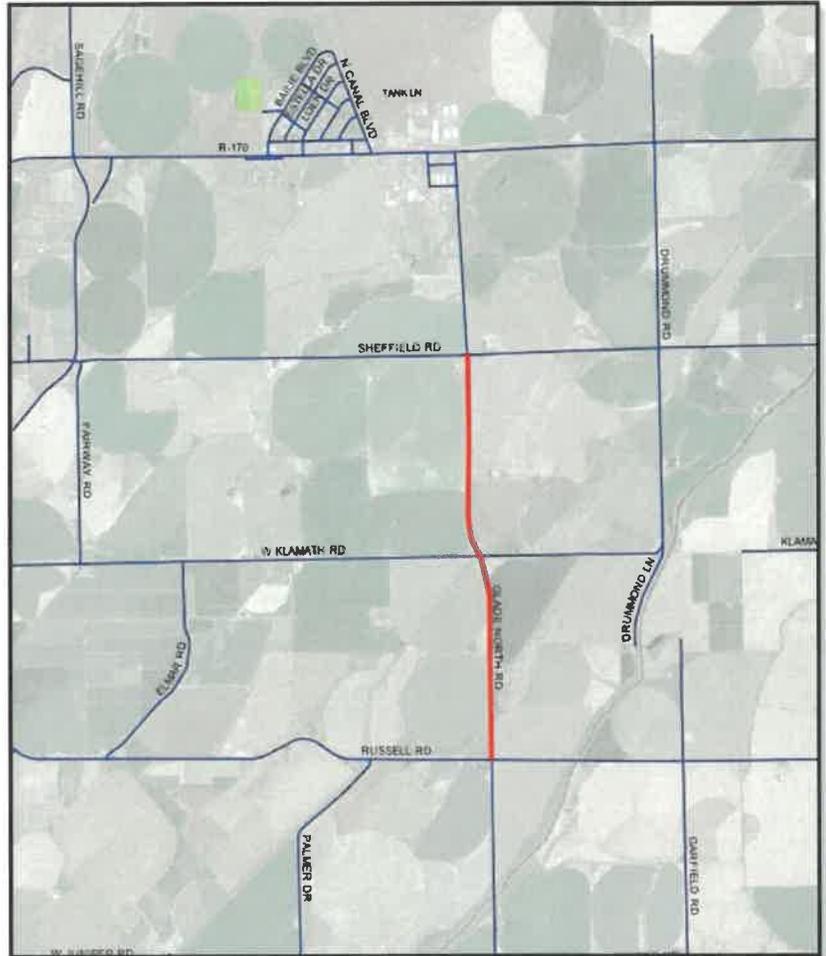
Project Schedule

Preliminary Engineering	
Right-of-Way	
Construction	

Project Funding

FHWA	\$0
State	\$0
Unfunded	\$2,450,000

VICINITY MAP



Project Description

The proposed project will widen and overlay this major arterial road bringing Glade North Road to current design standards. The added structural strength will upgrade this section of roadway to an all-weather route.

Project Justification

The proposed project will continue to address the northerly section of Glade North Road that accesses directly into Basin City. This section of roadway is deteriorating rapidly and past its useful life. Repair and maintenance cost have escalated since the road was not built to support the traffic load that it now carries over 2400 ADT with 35% truck traffic. Besides not being structurally sound, other deficiencies to this section of roadway is the width of the roadway, edge cracking, longitudinal, transverse, and alligator cracking.

Status

Planned

Project Statistics

Functional Classification	07
Improvement Classification	3R
Road Number	09010
Milepost	4.00 to 11.60
Mileage	7.60
Environ. Class.	CE
Utilities	P, T, F, W

Traffic Count

2018	3979 ADT
------	----------

Existing Conditions

Not an all-weather route;
needs overlay and widening

Project Estimate

Preliminary Engineering	\$300,000
Right-of-Way	\$200,000
Construction	\$7,860,000
TOTAL	\$8,360,000

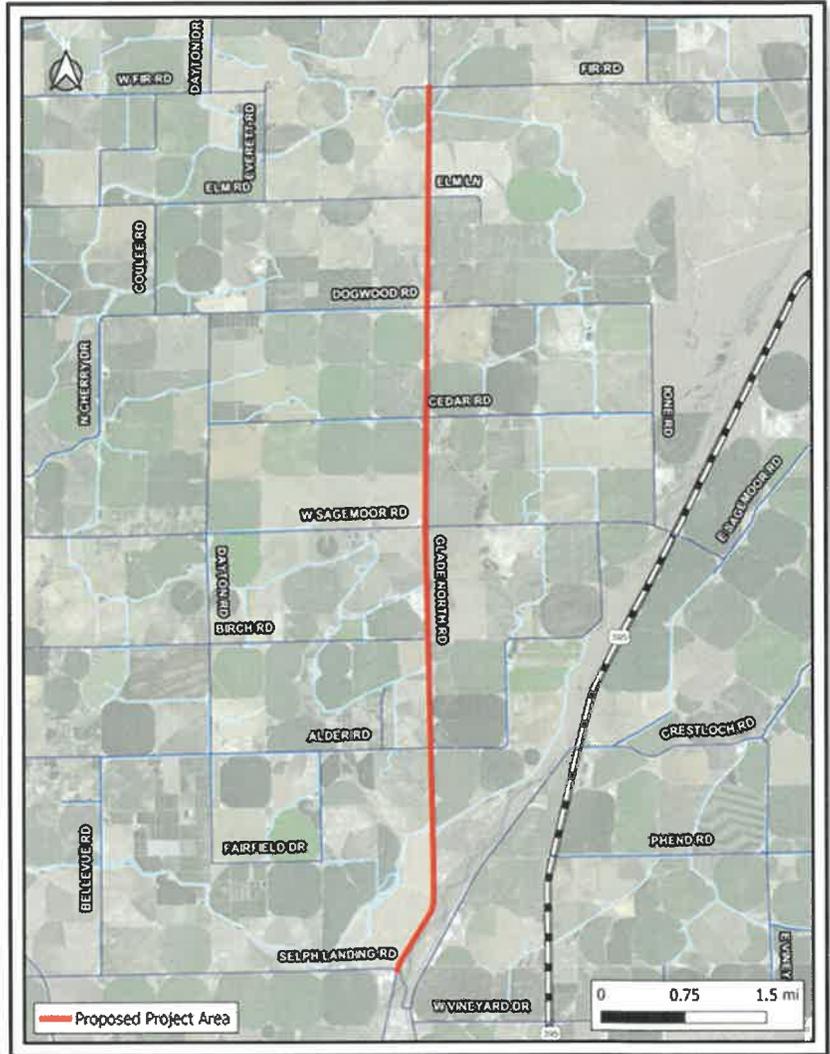
Project Schedule

Preliminary Engineering	
Right-of-Way	
Construction	

Project Funding

FHWA	\$0
State	\$0
Local Funding	\$0
Unfunded	\$8,360,000

VICINITY MAP



Project Description

Glade North is one of two principle, non-highway, north-south routes in the County. It is used by both commercial trucking – which services the agricultural businesses along the corridor – and local vehicles. Because of its relatively high ADT and manner of use, Glade North needs to be an all-weather road. The project will repair, widen, and overlay 7.6 miles of the roadway.

Project Justification

Glade North’s relatively high ADT of both commercial and personal vehicles types; year-round accessibility is necessary. The project will complete a section of Glade North, extending the all-weather route to an existing section of all-weather roadway.

Status

Planned

TAYLOR FLATS ALL-WEATHER IMPROVEMENTS II **Priority # 17 (3R)**

Project Statistics

Functional Classification	07
Improvement Classification	3R
Road Number	09030
Milepost	2.08 to 4.25
Mileage	2.17
Environ. Class.	CE
Utilities	FO, P, T

Traffic Count

2020	4445 ADT
------	----------

Existing Conditions

Shoulder slopes and width
Inadequate in places

Project Estimate

Preliminary Engineering	\$250,000
Right-of-Way	\$0
Construction	\$4,260,000
TOTAL	\$4,510,000

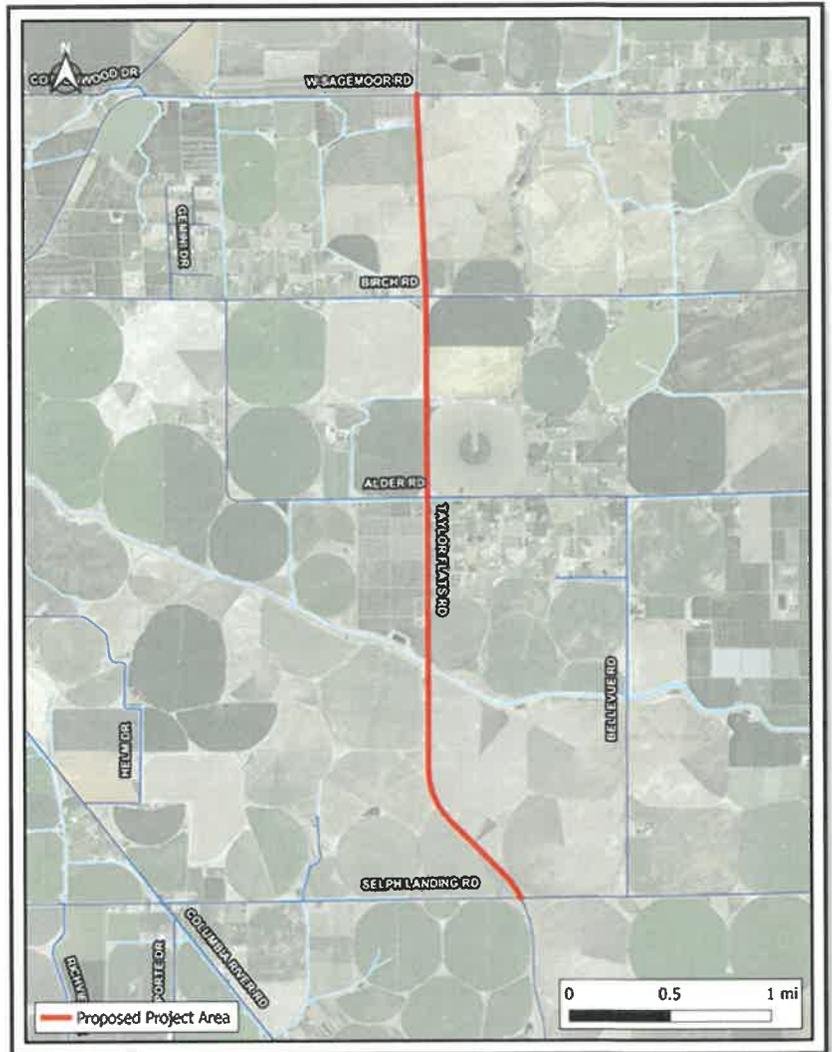
Project Schedule

Preliminary Engineering
Right-of-Way
Construction

Project Funding

FHWA	\$0
State	\$0
Local Funding	\$0
Unfunded	\$4,510,000

VICINITY MAP



Project Description

The project will widen and overlay this major arterial road bringing Taylor Flats Road to current design standards. The added structural strength will upgrade this section of roadway to an all-weather route.

Project Justification

Taylor Flats Road is a major arterial road with more than 4,400 vehicles (31% truck traffic) utilizing this section of road. Because of Taylor Flats relatively high ADT and its use by commercial and local personal vehicles, year-round accessibility is necessary.

Status

Planning

R-170 PAVEMENT REHABILITATION I, II, III **Priority # 26 (2R)**

Project Statistics

Functional Classification	07
Improvement Classification	2R
Road Number	06080
Milepost	0.00 to 8.38
Mileage	8.38
Environ. Class.	CE
Utilities	P, T, W, F

Traffic Count

2018	1340 ADT
------	----------

Existing Conditions

Not up to current design standards

Project Estimate

Preliminary Engineering	\$160,000
Right-of-Way	\$0
Construction	\$7,400,000
TOTAL	\$7,560,000

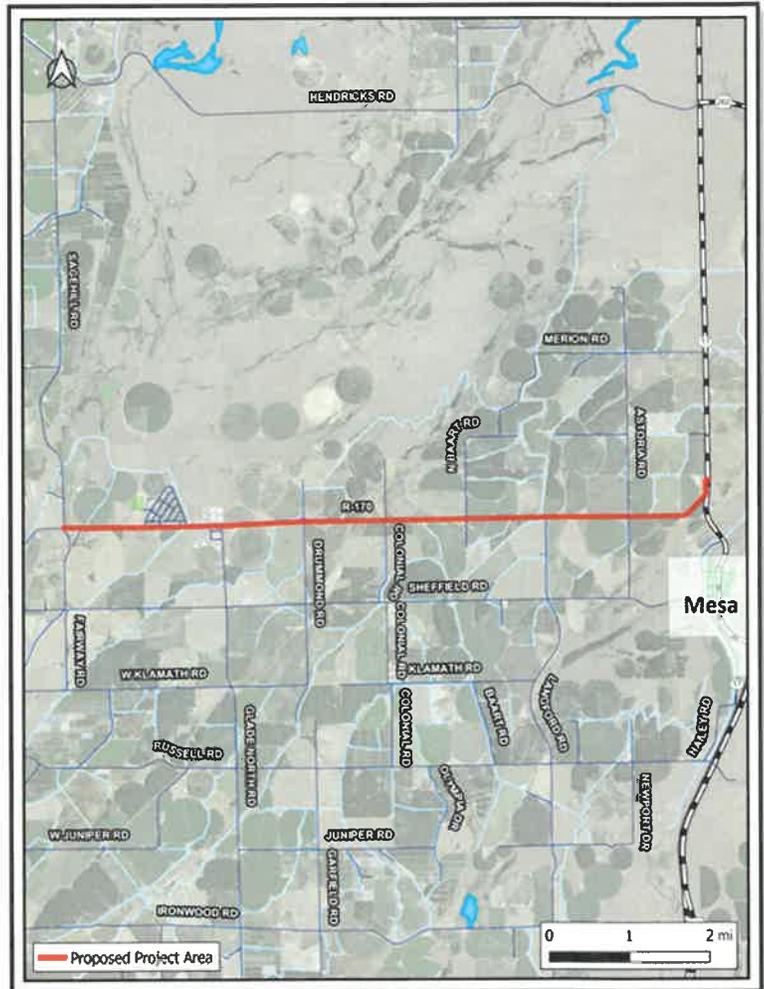
Project Schedule

Preliminary Engineering	
Right-of-Way	
Construction	

Project Funding

FHWA	\$0
State	\$0
Local Funding	\$0
Unfunded	\$7,560,000

VICINITY MAP



Project Description

The proposed project aims to resurface with asphalt.

Project Justification

This section of road was paved with asphalt in 1994; the life of the asphalt structure is nearing its end. If not rehabilitated, this section of roadway will continue to fail, resulting in even more costly repair.

Status

Planned

Project Statistics

Functional Classification	07
Improvement Classification	2R
Road Number	08070
Milepost	13.08 to 15.60
Mileage	2.52
Environ. Class.	CE
Utilities	P, T, W, F

Traffic Count

2016	368 ADT
------	---------

Existing Conditions

Continue the work of creating an all-weather route

Project Estimate

Preliminary Engineering	\$200,000
Right-of-Way	\$0
Construction	\$2,050,000
TOTAL	\$2,250,000

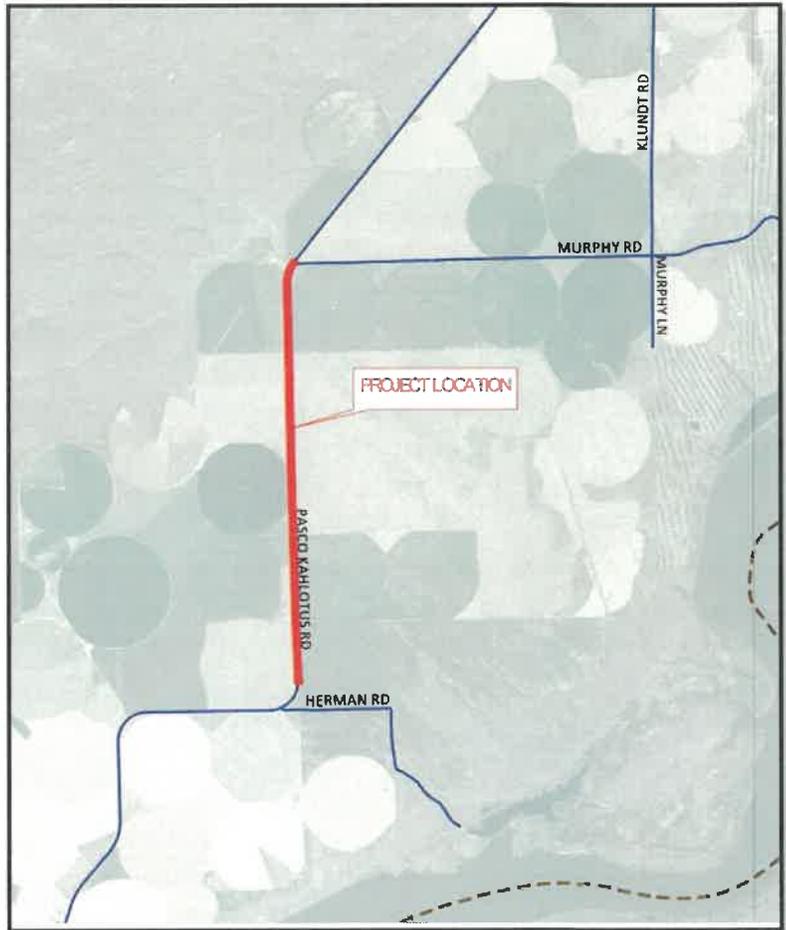
Project Schedule

Preliminary Engineering	
Right-of-Way	
Construction	

Project Funding

FHWA	\$0
State	\$0
Local Funding	\$0
Unfunded	\$2,250,000

VICINITY MAP



Project Description

The proposed project aims to construct the existing road to current design standards and correct structural deficiencies by adding structural strength by means of an asphalt overly. The added structural strength will upgrade this section of roadway to an all-weather route.

Project Justification

Pasco-Kahlotus Road is the only major arterial linking the eastern section of Franklin County from SR-12 (Pasco) to SR-260 (Kahlotus/Washtucna). The project will continue the work of creating an all-weather route along this farm to market road.

Status

Planned

FRANKLIN COUNTY
PUBLIC WORKS DEPARTMENT



2023 Annual Bridge Condition Report:

Submitted June 2024



Prepared by: Guadalupe Gonzalez
Guadalupe Gonzalez
Inspector

Under the direction of: Craig Erdman
Craig Erdman, PE
County Engineer

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Introduction

WAC 136-20 directs that the county engineer is responsible for all routine and special inspections of all bridges on the county road system in accordance with the National Bridge Inspection Standards (NBIS) as publicized and periodically revised by the WSDOT Highway and Local Programs office. In addition, the WAC requires that each county engineer furnish the county legislative authority with a written resume of the findings of the bridge inspection effort. Accordingly, this report is being provided to the Board for information and consideration.

Definitions

Bridge A structure having a centerline length greater than 20 feet as measured per the criteria in the Washington State Bridge Inspection Manual (WSBIM).

Short Span Bridge A structure having a centerline length less than or equal to 20ft and which meets the Short Span Bridge criteria in the Washington State Bridge Inspection Manual (WSBIM).

Sufficiency Rating (SR) The sufficiency rating is the basis for establishing eligibility and priority for replacement or rehabilitation of bridges with Federal funds administered by the WSDOT. The sufficiency rating is a numeric value that indicates a bridge's relative ability to serve its intended purpose. The value ranges from 100 (a bridge in new condition) to 0 (a bridge incapable of carrying traffic). The sufficiency rating is the summation of four calculated values: Structural Adequacy and Safety, Serviceability and Functional Obsolescence, Essentiality for Public Use, and Special Reductions. In general, the lower the sufficiency rating, the higher the priority for replacement or rehabilitation. Short Span Bridges are not eligible for Federal funds.

Functionally Obsolete (FO) The designation given to a structure where deck geometry, load carrying capacity, clearance, or approach roadway alignment has reduced its ability to adequately meet the traffic needs at accepted design standards.

Structurally Deficient (SD) The designation given to a structure where the condition or design has impacted its ability to adequately carry its intended traffic loads.

Inventory Status

Bridges Franklin County has responsibility for 83 bridges on its County Road System. Of these, 46 are concrete, 6 steel, and 31 timber. Twenty-one (21) county road bridges are classified as structurally deficient, 39 bridges are posted with load restrictions, and 1 bridge is presently classified as functionally obsolete. A listing of the structurally deficient, the load restricted, and functionally obsolete bridges is shown on Attachment 'A'. (All these bridge inventory records are reported to WSDOT & FHWA)

Short Span Bridges Franklin County has responsibility for 18 short span bridges on its County Road System. Of these, 3 are concrete, 1 steel, and 14 timber. There are no short span bridges that are classified as structurally deficient, posted with load restrictions, or functionally obsolete. (All these short span inventory records are reported to WSDOT)

Other Bridges Franklin County also inspects 2 bridges for the City of Connell and 1 bridge for the City of Mesa. There is 1 bridge from the City of Connell and another one from the City of Mesa that are classified as structurally deficient. In addition, there is 1 bridge from the City of Connell that is load-restricted. (See Attachment 'B').

Inspection Status

Bridges National Bridge Inspection Standards mandated by the Code of Federal Regulations (CFR) and administered by the Washington State Department of Transportation require that public bridge owners routinely inspect their bridges at least once every 24 months. Our current bridge inventory inspection (51 of 83 County bridges) was accomplished during the month of November and December in 2023. There are currently 3 bridges that require inspections every 12 months and are listed on Attachment 'C'. We are in compliance with the required inspection schedules.

Short Span Bridges There are no federal requirements for the inspection of short span bridges. However, we inspect them similarly to the bridges. All these short span bridges are inspected every 24 months. Our current short span inventory inspection (7 of 18) was accomplished by end of December in 2023.

Bridge Restrictions

A load rating report is performed for each bridge in the NBIS inventory by a professional engineer in accordance with federal and state regulations. A bridge load rating is the measure of the bridge's load carrying capacity. There are two capacity levels that bracket this ability, the Inventory Rating and the Operating Rating. The Inventory Rating is the load that a bridge can carry for an indefinite number of load cycles without detriment to the bridge. The Operating Rating is the maximum load that can be carried on an infrequent basis without detriment to the bridge.

NBIS regulations require the posting, or restrictions, of load limits on a bridge when the load rating factors for the legal loads is less than 1. Load rating factors have been calculated using six standard truck configurations to check the capacity levels: three truck configurations represent legal loads; a national standard truck; and two overload vehicles. The minimum posting value is three tons at inventory or operating levels. Bridges not capable of carrying a minimum gross weight of three tons must be closed.

On November 15, 2013, a Federal Highway Administration (FHWA) Memorandum was issued requiring that all Specialized Haul Vehicles also receive a load rating. The purpose of this memorandum was to clarify FHWA's position on the analysis of *Specialized Hauling Vehicles* (SHVs) as defined in the AASHTO's

Manual for Bridge Evaluation (MBE) during bridge load rating and posting to comply with the requirements of the *National Bridge Inspection Standards* (NBIS). The intent of the load rating and posting provisions of the NBIS is to insure that all bridges are appropriately evaluated to determine their safe live load carrying capacity considering all unrestricted legal loads, including State routine permits, and that bridges are appropriately posted if required, in accordance with the MBE. The SHVs are closely-spaced multi-axle single unit trucks introduced by the trucking industry in the last decade. Examples include dump trucks, construction vehicles, solid waste trucks, and other hauling trucks.

Franklin County had 47 NBI reportable bridges out of 83 load rated this year. The County has a total of thirty nine (39) NBI reportable bridges posted for load restrictions, a list of all posted bridges is shown in Attachment 'D'.

Attachment 'A" (structurally deficient, load restricted, or functionally obsolete)

Bridge #	Bridge Name	Length (ft.)	Curb to Curb Width (ft.)	Material	Sufficiency Rating	Notes
447-3.58	ALBANY ROAD	40	24.0	timber	76.3	LOAD RESTRICTED (POSTED)
479-2.63	BUFFALO ROAD	39	24.0	timber	67.8	LOAD RESTRICTED (POSTED)
944-2.18	CHERRY DRIVE, NORTH	26	26.0	prestressed concrete	68.9	SD
669-0.89	COLONIAL ROAD	31	24.0	timber	80.6	LOAD RESTRICTED (POSTED)
926-5.08	COLUMBIA RIVER RD	23	28.0	concrete	92.8	LOAD RESTRICTED (POSTED)
200-8.24	COYAN ROAD	47	24.0	timber	79.68	LOAD RESTRICTED (POSTED)
200-9.93	COYAN ROAD	84	23.4	timber	39.9	SD
215-2.03	DILLING ROAD	39	31.4	prestressed concrete	45.9	LOAD RESTRICTED (POSTED), SD
980-0.62	FIR ROAD	33	24.0	timber	80.8	LOAD RESTRICTED (POSTED)
615-2.31	GARFIELD ROAD	46	24.0	timber	61.2	LOAD RESTRICTED (POSTED)
901-15.93	GLADE NORTH 2	50	29.3	prestressed concrete	61.9	SD
520-1.38	GLENWOOD ROAD	93	24.0	timber	40.3	LOAD RESTRICTED (POSTED), SD
370-8.25	HENDRICKS ROAD	32	27.4	prestressed concrete	76.6	LOAD RESTRICTED (POSTED)
370-1.35	HENDRICKS ROAD	80	27.4	prestressed concrete	55.5	LOAD RESTRICTED (POSTED), SD
460-6.25	HOLLINGSWORTH RD	28	24.1	timber	41.0	LOAD RESTRICTED (POSTED), SD
620-2.31	HOLLY DRIVE	43	24.0	timber	75.7	LOAD RESTRICTED (POSTED)
636-6.70	IRONWOOD ROAD	24	23.7	timber	68.8	LOAD RESTRICTED (POSTED)
636-4.87	IRONWOOD ROAD	82	24.0	timber	39.6	LOAD RESTRICTED (POSTED), SD
539-0.68	JUNIPER ROAD, WEST	45	24.0	timber	65.2	LOAD RESTRICTED (POSTED)
686-0.79	KLAMATH ROAD	59	23.4	timber	45.5	LOAD RESTRICTED (POSTED), SD
330-1.28	MERION ROAD	86	24.0	timber	67.4	LOAD RESTRICTED (POSTED), FO
230-3.47	PARADISE ROAD	43	23.8	timber	72.2	LOAD RESTRICTED (POSTED)
880-1.24	PHEND ROAD	40	24.2	timber	39.8	LOAD RESTRICTED (POSTED), SD
608-8.30	R-170	51	31.5	prestressed concrete	34.7	LOAD RESTRICTED (POSTED), SD

506-2.27	RINGOLD ROAD	61	26.0	prestressed concrete	49.0	LOAD RESTRICTED (POSTED), SD
506-2.96	RINGOLD ROAD	34	31.6	prestressed concrete	60.6	LOAD RESTRICTED (POSTED), SD
506-4.20	RINGOLD ROAD	85	31.6	prestressed concrete	41.9	LOAD RESTRICTED (POSTED), SD
670-10.10	RUSSELL ROAD	47	24.1	timber	70.8	LOAD RESTRICTED (POSTED), SD
670-4.63	RUSSELL ROAD	26	29.4	prestressed concrete	58.5	LOAD RESTRICTED (POSTED)
670-2.75	RUSSELL ROAD	34	29.4	prestressed concrete	49.9	LOAD RESTRICTED (POSTED), SD
400-4.02	SAGEHILL 2	32	29.5	prestressed concrete	47.3	SD
400-6.96	SAGEHILL 3	76	28.0	prestressed concrete	40.4	LOAD RESTRICTED (POSTED), SD
400-8.43	SAGEHILL 4	26	35.5	prestressed concrete	76.2	LOAD RESTRICTED (POSTED)
400-9.03	SAGEHILL-5	40	35.3	prestressed concrete	71.8	LOAD RESTRICTED (POSTED)
218-0.98	SETTLER ROAD	34	23.4	timber	77.2	LOAD RESTRICTED (POSTED)
690-3.92	SHEFFIELD RD	85	27.5	prestressed concrete	60.9	LOAD RESTRICTED (POSTED)
690-8.45	SHEFFIELD RD	43	24.0	timber	76.3	LOAD RESTRICTED (POSTED)
690-3.04	SHEFFIELD RD	59	24.1	timber	40.0	LOAD RESTRICTED (POSTED)
903-12.44	TAYLOR FLATS ROAD	30	31.6	prestressed concrete	67.4	LOAD RESTRICTED (POSTED)
886-4.44	VINEYARD DRIVE, EAST	44	24.0	timber	65.7	LOAD RESTRICTED (POSTED)
886-2.74	VINEYARD DRIVE, EAST	40	23.4	timber	48.3	LOAD RESTRICTED (POSTED), SD
226-0.29	WAREHOUSE LANE	28	27.8	prestressed concrete	50.5	LOAD RESTRICTED (POSTED), SD
225-1.75	WAREHOUSE ROAD	34	23.4	timber	62.0	LOAD RESTRICTED (POSTED)

SD = STRUCTURALLY DEIFICIENT

OB = FUNCTIONALLY OBSOLETE

Attachment 'B' (Other Bridges: structurally deficient, load restricted, or functionally obsolete)

Bridge #	Bridge Name	Length (ft.)	Curb to Curb Width (ft.)	Material	Sufficiency Rating	Notes
CONNELL 1	ESQUATZEL COULEE - ADAMS	118	24	Concrete	47.6	LOAD RESTRICTED (POSTED)
CONNELL 2	ESQUATZEL COULEE - CLARK	112	26	prestressed concrete	49.6	SD
MESA 1	ESQUATZEL C.SHEFFIELD	104	28.6	prestressed concrete	57.4	SD

SD = STRUCTURALLY DEIFICIENT

OB = FUNCTIONALLY OBSOLETE

Attachment 'C' (Inspection every 12 months)

Bridge #	Bridge Name	Length (ft.)	Curb to Curb Width (ft.)	Material	Sufficiency Rating	Notes
944-2.18	CHERRY DRIVE, NORTH	26	26.0	prestressed concrete	57.8	LOAD RESTRICTED (POSTED), SD
901-15.93	GLADE NORTH 2	50	29.3	prestressed concrete	62.0	SD
520-1.38	GLENWOOD ROAD	93	24.0	timber	40.3	SD

SD = STRUCTURALLY DEIFICIENT

OB = FUNCTIONALLY OBSOLETE

Attachment 'D' "Load Restricted Bridges

BRIDGE #	BRIDGE NAME	AASHTO TRUCKS			SPECIAL HAULING VEHICLES				POSTED
		TYPE 3 (25 TONS)	TYPE 3S-2 (36 TONS)	TYPE 3-3 (40 TONS)	SU4 (27 TONS)	SU5 (31 TONS)	SU6 (34.7 TONS)	SU7 (38.7 TONS)	
447-3.58	ALBANY ROAD	26	42	52	24	27	29	32	YES
479-2.63	BUFFALO ROAD	25	39	48	23	25	27	30	YES
669-0.89	COLONIAL ROAD	35	69	51	31	33	34	36	YES
926-5.08	COLUMBIA RIVER ROAD	29	46	58	30	33	32	34	YES
200-8.24	COYAN ROAD	27	42	52	24	26	28	31	YES
980-0.62	FIR ROAD	32	47	50	29	31	32	34	YES
520-1.38	GLENWOOD ROAD	23	32	38	22	23	23	24	YES
370-1.35	HENDRICKS ROAD	17	25	32	16	17	17	18	YES
370-8.25	HENDRICKS ROAD	30	43	59	26	28	29	31	YES
460-6.25	HOLLINGWORTH ROAD	19	28	37	17	17	18	20	YES
620-2.31	HOLLY DRIVE	27	42	47	25	27	27	28	YES
636-6.70	IRONWOOD ROAD	24	35	46	21	22	23	25	YES
539-0.68	JUNIPER ROAD, WEST	18	28	35	16	18	19	21	YES
686-0.79	KLAMATH ROAD	23	33	44	20	21	22	24	YES
330-1.28	MERION ROAD	25	37	44	24	25	25	26	YES
230-3.47	PARADISE ROAD	32	51	62	30	32	34	38	YES
880-1.24	PHEND ROAD	21	32	34	22	26	28	31	YES
608-8.30	R-170 ROAD	10	16	19	9	10	10	10	YES
506-2.27	RINGOLD ROAD	29	38	45	28	29	31	33	YES
506-2.96	RINGOLD ROAD	26	39	52	23	25	26	28	YES
506-4.20	RINGOLD ROAD	17	24	32	15	16	16	17	YES
670-2.75	RUSSELL ROAD	23	36	46	22	25	29	33	YES
670-4.63	RUSSELL ROAD	18	28	35	17	18	20	23	YES

670-10.10	RUSSELL ROAD	24	37	46	22	23	24	27	YES
400-6.96	SAGEHILL ROAD 3	14	22	27	14	14	14	15	YES
400-8.43	SAGEHILL ROAD 4	30	46	58	29	31	32	35	YES
400-9.03	SAGEHILL ROAD 5	27	42	51	27	30	32	36	YES
218-0.98	SETTLER ROAD	26	38	50	23	25	25	27	YES
690-3.04	SHEFFIELD ROAD	19	36	27	16	17	18	19	YES
690-3.92	SHEFFIELD ROAD	27	40	53	24	25	26	28	YES
690-8.45	SHEFFIELD ROAD	28	45	56	26	28	30	34	YES
903-12.44	TAYLOR FLATS ROAD	18	26	34	16	17	18	19	YES
886-2.74	VINEYARD ROAD, EAST	21	32	34	22	26	28	31	YES
886-4.44	VINEYARD ROAD, EAST	28	43	55	26	28	29	33	YES
226-0.29	WAREHOUSE LANE	27	40	52	24	25	26	29	YES
225-1.75	WAREHOUSE ROAD	22	33	43	20	21	22	23	YES

Bridge/Short Span Bridge Maintenance and Construction

Maintenance

(**BOLD** indicates 2024-2029 TIP items)

- **Glade North Road Bridge 901-15.93** (NBI reportable structure): Structure keyways located in the wheel path of vehicles keep on breaking and through holes create a hazard to motorcycles. After hiring a professional structural engineer, it was decided to install 5' (L) x 2' (W) x .5" (D) steel cover plates along the full length of structure's keyways. (Tip Priority # 32)
- Numerous timber bridges throughout the County continue to have the timber guardrails demolished on one side or the other by wide-load agricultural vehicles/trailers in the last few years. Typically the timber structures are 25 feet wide from face of guardrail to face of guardrail. Maintenance crew lowering railing/posts from 45" vertical height from bridge deck to 31" vertical height (standard height for guardrail) if timber railing is severely damaged to help prevent farm equipment from hitting timber guardrail in the future.
- A list of the bridges with general repairs needed is shown in **Appendix**.

Project Activity

(**BOLD** indicates 2024-2029 TIP items)

- **Hollingsworth Road Bridge 460-6.25** (NBI reportable bridge): This project would replace the existing narrow timber structure (25ft wide) that is over an irrigation canal and is located adjacent to Greenacres Road intersection with a steel multi-plate arch structure. Semi-trailer tractor vehicles have difficulty turning onto Green Acres Road without damaging timber guardrail. Also, asphalt deck surfacing has alligator cracking in wheel-lines as if to indicate laminated 2" x 4" timber decking is crushing. The bridge is posted for AASHTO trucks and Special Hauling Vehicles load

restrictions. This bridge replacement project has been selected for funding through Federal Highways Bridge Program during the April 2019 Call for Projects. (TIP Priority #3 - Federal Highway Administration, State, & Local funding)

- **Glenwood Road Bridge 520-1.38 Replacement** (NBI reportable bridge): This project would replace a three span timber structure (93ft in length) that exhibits extreme dry rotting in all six fascia girders. Structure is posted for both AASHTO and Specialized Vehicles. An application for funding to replace structurally deficient structure has been submitted to the Federal Bridge Program during the 2023 Call for Projects. (Tip Priority # 10)
- **Ironwood Road Bridge 636-4.87** (NBI reportable bridge): All 6 each exterior timber girders have major dry rot. This project would replace 3 span (82ft total length) untreated timber structure built in 1958 with pre-stressed concrete decked bulb-tee girder structure. This bridge replacement project has been selected for funding through Federal Highways Bridge Program during the April 2019 Call for Projects. (TIP Priority #1- Federal Highway Administration, State, & Local funding)
- **Vineyard Drive, East 886-2.74** (NBI reportable bridge): Two span timber structure (40ft total length) that was built in 1956. Structure's superstructure flexes and rattles severely when loaded semi-trucks cross creating severe transverse reflective cracking that mirrors timber deck planks. Structure is also posted for load restrictions on both AASHTO and Special Hauling Vehicles. This bridge would be replaced with a pre-stressed concrete decked bulb-tee girder structure. This bridge replacement project has been selected for funding through Federal Highway Bridge Program during the April 2022 Call for Projects. (Tip Priority # 8-Federal Highway Administration, State, & Local funding)
- **Bridge Approach Adjustment** (NBI reportable bridges): The following bridges have approaches that are higher or lower than their decks; Hendricks 370-11.16 (low); Hendricks 370-1.35 (low); Russell 670-2.75 (low); Dilling 215-2.03 (high); Ringold 506-2.96 (high with extreme impact). The project will adjust the approach grade to better match the deck and then repave for a smooth transition. (TIP Priority #42 - State & Local funding)

Recommended Projects

(**BOLD** indicates 2024-2029 TIP items)

- **Glade North Road #2 Bridge 901-15.93** (NBI reportable bridge): This project would replace a two span (50ft in length) concrete structure. This bridge is located in one of the primary north-south throughways in Franklin County. An application to replace this structure has been submitted to the Federal Bridge Program during the 2023 Call for Projects. (Tip Priority # 32)
- **Ringold Road Bridge 506-4.20** (NBI reportable bridge): This project would replace a three span (85ft in length) concrete structure that is posted for both AASHTO and Specialized Haul Vehicles. Bridge is located in one of the primary north-south throughways in Franklin County. An application for funding to replace structurally deficient structure has been submitted to the Federal Bridge Program during the 2023 Call for Projects. (Tip Priority # 27)
- **R-170 Road Bridge 608-8.30** (NBI reportable bridge): This project would replace a two span (51ft in length) concrete structure that is posted for both AASHTO and Specialized Haul Vehicles. Bridge is located 0.78 miles west of Basin City. An application for funding to replace this structurally deficient structure has been submitted to the Federal Bridge Program during the 2023 Call for Projects. (Tip Priority # 31)

- **Sagehill Road #3 Bridge 400-6.96** (NBI reportable bridge): This project would replace a three span concrete structure that is posted for both AASHTO and Specialized Haul Vehicles. Structure is located in one of the primary north-south throughways in Franklin County. An application for funding to replace this structure has been submitted to the Federal Bridge Program during the 2023 Call for Projects. (Tip Priority # 26)

Appendix

Bridge Repair List 2023 (See Attached)



BRIDGE REPAIR LIST 2023

(103 each structures)

BRIDGE #	BRIDGE NAME	DEFICIENCY / RECOMMENDED REPAIR	NOTED	COMPLETED
447-3.58	ALBANY ROAD	1) Girder 2A exhibits rot at bearing with north abutment/ install borate rod rot suppression. 2) Reset the northwest rail end post.	1/11/2022	
915-1.00	BELLEVUE ROAD	1) Timber rails and posts have splits and are rotted at connections / replace. 2) Minor BST cracking on approach transitions and structure's deck / clean and crack seal. 3) Debris accumulation along timber curbs / periodically sweep deck.	1/11/2023	
516-0.53	BELLEVUE ROAD, NORTH	1) Extensive rot in west fascia timber girder(9.3ft length) / replace with recycled timber girder. 2) Remove bird waste from bearing seats and install bird screens to prevent nesting/ 3) Replace/resecure the object marker at the northwest corner. 4) Replace sister girder 1A	1/29/2014 1/11/2021	
229-0.57	BEND ROAD	1) NW object marker is damaged/ Replace 2) 7th timber rail post NW has major split (still functional)/ Monitor. 3) Pier Cap/ Crossbeam exhibit cracking at the east side end // Monitor	11/6/2020 ----- 11/30/2022	
922-4.15	BIRCH ROAD	Longitudinal crack on centerline/ Crack seal.	11/18/2020	
479-2.63	BUFFALO ROAD	1) Minor erosion at the southeast wingwall/ fill with suitable material. 2) Both abutment footings are exposed/ monitor fill and compact with suitable material.	1/11/2024	
140-4.54	BURR CANYON ROAD			
944-0.05	CHERRY DRIVE, NORTH	1) Concrete delamination at the bottom of concrete girder stems / Remove delamination in girders stems, clean corroding reinforcing steel and coat with zinc rich paint.	12/1/2022	
669-0.89	COLONIAL ROAD	1) Reseal the deck with tar heavy chip seal. 2) Monitor rotation of the timber girders. 3) Install cross bracing between girders J-K.	1/11/2022 1/11/2024	
926-6.42	COLUMBIA RIVER ROAD	1) Vandalized or missing object markers / replace.	1/12/2024	
926-5.08	COLUMBIA RIVER ROAD	1) No guardrail posts over structure / Install additional guardrail posts. 2) Southeast and northeast object markers are missing / Install object markers.	1/11/2021	
935-0.77	COTTONWOOD DRIVE	1) Minor scour at east abutment footing / continue to monitor & contact South Columbia Irrig. District. 2) Erosion hole(1 SF +/-) at southwest corner of structure / fill with suitable material. 3) longitudinal cracks on deck / crack seal.	12/13/2017 ----- 12/12/2019 1/10/2024	
200-8.24	COYAN ROAD	1) Accumulation of chip seal rock along the timber curbs / sweep off. 2) Pothole at the east side approach transition / Repair pothole. 3) Girder 2E is cracked at midspan / replace monitor. 4) Numerous narrow transverse cracks reflected on BST spaced at 1-3 ft./ seal cracks with tar/mastic. 5) Several timber rail posts are cracked in half /replace timber posts.	1/10/2024	
200-9.93	COYAN ROAD			
200-9.48	COYAN ROAD	1) Girder A bearing section with east abutment exhibit rot/ install borate rods to slow decay.	1/11/2022	
554-0.85	DAVIS LANE	1) SW timber wingwall has dry rot on bottom & NW wingwall is falling and allowing erosion/ Repair and fill with suitable material. 2) Clean bird nests located in between timber girders /	12/19/2020 ----- 12/1/2022	

519-1.52	DAYTON ROAD, NORTH			
751-2.74	DELANEY ROAD	1) Fascia girders (7 3/4"x 19"x 17ft-2") exhibit rot mid-span and cross checking on girder L / replace girders A, L, & M. 2) Abutment #1 footing is exposed/ fill with suitable material.	1/9/2024	
215-2.03	DILLING ROAD	1) Both asphalt roadway approaches higher than bridge deck / adjust approach grade & repave. 2) Replace or tie back the southeast and southwest wingwall support piles.	1/13/2014 1/10/2024	
216-0.56	DILLING LANE			
960-2.98	ELM ROAD			
600-0.10	ELTOPIA WEST ROAD	1) Approach guardrail damaged at southwest side of bridge numerous times in the past. Continue to monitor. 2) Accumulation of debris under bridge / contact irrigation & monitor	12/31/2019 ---- 12/1/2022	
600-1.91	ELTOPIA WEST ROAD	Potential problem with erosion at bridge deck corners/ fill with suitable material.	12/14/2020	
600-5.71	ELTOPIA WEST ROAD			
969-0.42	EVERETT ROAD	1) Approach joints need crack seal/.	12/14/2020	
408-0.69	FILBERT ROAD	1) Erosion north canal liner / fill with suitable material. 2) Erosion at the Southeast concrete canal liner/ fill with suitable material.	11/6/2020 11/18/2022	3/2/2021
980-0.62	FIR ROAD	1) Approach joints need crack seal / . 2) Minor erosion on NW wingwall/ fill with suitable material.	12/20/2020	
525-1.13	FIRCREST ROAD			
884-4.74	FOSTER WELLS ROAD, EAST			
876-0.02	FRONTIER ROAD	1) Replace southwest bridge rail end terminal posts. 2) Transverse cracks on approach transition area/ crack seal. 3) Accumulation of debris along curbs/ sweep structure's deck.	1/11/2022	
615-2.31	GARFIELD ROAD	1) Lower west edge damage and possible crushing at pier #2 / install borate rods at the decayed end of girders 1A and 2A to slow decay rate. 2) Debris accumulation along curbs / broom deck along the curb lines to help facilitate proper deck drainage. 3) BST cracking along the wheel path/ apply crack seal.		
615-4.96	GARFIELD ROAD	1) Debris accumulation along curbs / sweep deck. 2) Replace deficient timber traffic barrier posts.	12/12/2019 1/12/2021	
173-2.34	GILL ROAD	1) West side timber rail is loose / repair. 2) Object markers are extremely weathered/ replace. 1) Dry rot at bearing on girders G,H, & I (RED TAGGED)/ replace girders.	10/18/2020 11/15/2022	3/1/2021
901-5.34	GLADE NORTH ROAD	1) Accumulation of rocks and dirt along bridge traffic barrier / routinely sweep the deck and clean out deck drains. 2) Replace missing southwest guardrail transition anchor bolt at the/ 3) Damaged utility conduit/ Inform owner. 4) Object marker at the southwest and northeast are not fully visible to traffic / raise the object markers.	11/15/2013 1/11/2023	
901-15.93	GLADE NORTH ROAD	1) Steel plates from previous repair on deck are moving, edge of plates are reflected on HMA deck / repair bridge deck per details provided by PBS engineering. 2) Diagonal hairline cracks at all flanges by abutments/ monitor. 3) Multiple thrie beam bridge rail posts at the east side of the bridge are missing bolts/ replace.	11/30/2022 12/12/2023	4/1/2023
901-18.87	GLADE NORTH ROAD	1) Deck keyway grout in southbound lane beginning to show signs of cracking & breaking up in two areas(less than 1 ft lengths) / apply patching material before it gets worse. 2) Approach guardrail post at the NW is missing timber block / replace.	12/18/2020 ----- 11/28/2022	

520-1.38	GLENWOOD ROAD	1) All fascia girders are rotted out (3 EA spans) / replace fascia girders. 2) Clean deck remove accumulated dirt and vegetation. 3) Reseal all cracks on deck. 4) Stabilize fill loss under southeast wingwall. 5) WSDOT Local Programs has selected this bridge for replacement in the 2023 call for projects.	11/28/2022	
681--0.90	HAILEY ROAD	1) Loose gravel on concrete deck / power-broom gravel off deck. 2) Crack seal grouted deck keyways. 3) Replace the pier 2 joint gland with a compression seal. 4) Repair potholes at the bridge transitions. 5) Grind down the protruding joint armors anchors upward at the pier joint #2.	12/7/2017 1/11/2022	
912-1.69	HELM ROAD	1) Vertical hairline cracks on u-tub girders every 2-3ft & multiple mid-span of tub longitudinal cracks/ monitor.	12/21/2020	
370-1.35	HENDRICKS ROAD	1) Repair spalls in the east abutment breast wall. 2) Reseal the east abutment joint with mastic. 3) Monitor the girder unit webs to top flange interface for cracking or vertical separation. 4) Northwest rail post #2 is missing bolts/ . 5) Clean spider webs under girders before condition inspections. 6) Mid-span flexural cracking at span #2 / monitor.	1/11/2022	
370-8.25	HENDRICKS ROAD	1) Minor damage to QuadTrend 350 end terminal, functional/ monitor.	1/12/2024	
370-11.16	HENDRICKS ROAD			
552-0.10	HI-POINT ROAD	1) Water(freeze/thaw) seeping through grouted deck keyways / crack seal keyways.	12/5/2014	
460-6.25	HOLLINGWORTH ROAD	1) WSDOT Local Programs has selected this bridge for replacement in the 2020 call for projects.	12/30/2019	
620-2.31	HOLLY DRIVE	1) Dig out west transition and install steel plate to repair over broken deck planks. 2) Remove soil built up from west abutment bearing seat to reduce potential decay on girder ends. 3) Remove gravel built up along curbs to facilitate proper drainage of deck.	12/14/2021	2/28/2023
636-4.87	IRONWOOD ROAD	1) WSDOT Local Programs has selected this bridge for replacement in the 2020 call for projects.	12/30/2019	
636-5.54	IRONWOOD ROAD	1) Crack seal approach / deck joints.	12/8/2016	
636-6.70	IRONWOOD ROAD	1) Fascia timber girder on south side of bridge has major rot at bearing on east abutment. / replace with recycled timber girder.	12/8/2016	
539-0.68	JUNIPER ROAD, WEST	1) Void in approach asphalt at northeast corner of structure & pothole(12"x12") in eastbound lane 13ft from east approach / fill with suitable material. 2) Local scour at center pier, pile of debris on canal under second span/ Remove debris and backfill center pier with suitable material. 3) Scour at Abutment #1 NE section of spread footing is exposed fill / fill with suitable material.	12/20/2018 ----- 11/28/2022	
686-0.79	KLAMATH ROAD	1) Seal cracks in chip seal over pier #2 with mastic/rubberized tar. 2) Timber girder 2N exhibits heavy decay / replace sister girder 2N. 3) Debris accumulation on deck / clean deck.	1/11/2022 1/11/2024	
217-2.72	KRUG ROAD	1) Crack seal approach joints/ deck joints.	11/6/2020	
293-1.27	LEWIS ROAD	1) Abutments footings are exposed/ fill with suitable material.	11/15/2022	
330-1.28	MERION ROAD	1) Minor erosion at SW &NW of wingwall/ fill with suitable material. 2) "Narrow Bridge" sign at the east side of structure is down.	11/30/2022	
445-7.83	MTN. VISTA ROAD	1) Approach joints need crack seal/.	11/6/2020	
211-0.85	MUSE DRIVE			

211-1.97	MUSE DRIVE	<p>1) Laminated nontreated 3"x 4"x 25' timber decking at west end, 2.5ft width from deck edge, is flexing & breaking up asphalt surfacing.(Note: Remainder of timber decking is laminated treated 2"x 4"x 25' timber) / Replace with 4"x 12"x 25' timber planks.</p> <p>2) Tarp debris hung-up against center pier / contact Irrigation District.</p> <p>3) Multiple shaken forming in girder 1A / replace girder.</p> <p>4) Depression at the west side approach transition / fill and smooth.</p> <p>5) Accumulation of debris on deck / sweep.</p>	<p>12/4/2017 ----- -</p> <p>12/3/2019 1/12/2022</p> <p>1/11/2024</p>	
230-3.47	PARADISE ROAD	<p>1) Top layer of BST exhibit full width transverse cracking/ seal cracks in BST with mastic/ rubberized tar.</p> <p>2) Accumulation of debris under span 1 / remove.</p>	1/10/2024	
297-0.21	PERRY ROAD	<p>1) Gravel approach at southwest corner of structure has small erosion hole(4" dia.). / Fill hole with suitable material.</p> <p>2) Deck plank rot(3ft in length) at southwest corner of structure. / Replace planks.</p> <p>3) SE timber deck planks are exposed 7SF / Cover with suitable material.</p>	<p>12/12/2012 ----- ---</p> <p>10/18/2018 ----- --</p> <p>10/18/2020</p>	
297-1.12	PERRY ROAD	1) Weathered object markers / replace 4 ea. object markers.	11/15/2022	
706-8.57	PH-15 ROAD	<p>1) Install object Markers at the northeast and southwest corners of structure./</p> <p>2) Program wingwall replacement project./</p> <p>3) Erosion at the northeast corner by wingwall / fill with suitable material.</p>	<p>1/9/2022</p> <p>1/11/2024</p>	
880-1.24	PHEND ROAD	<p>1)Deck planks(3 each) flexing on centerline timber girder(spikes protruding) at east end of bridge. / Insert metal shims between girder/deck, re-nail with abrasive spikes, & patch with cold-mix asphalt. Continue to monitor.</p> <p>3) Replace the split timber rails. Consider upgrading the bridge rail system to current safety standards.</p> <p>3) Shim gap between girders and deck in spam 2.</p> <p>4) Abutment footings are exposed/ fill &compact with suitable material and place riprap on top.</p> <p>5) Minor erosion at the southwest wingwall/ fill with suitable material.</p>	<p>11/14/2018</p> <p>1/11/2022</p>	11/15/2018
608-2.35	R-170 ROAD	<p>1) Water(freeze/thaw) seeping through grouted deck keyways / crack seal keyways.</p> <p>2) Replace northeast QuadTrend 350 system end treatment and repair concrete traffic barrier.</p> <p>3) Reseal approach joints.</p> <p>4) Accumulation of debris along bridge's traffic barrier / sweep deck.</p>	<p>12/7/2017</p> <p>1/11/2021</p>	
608-8.30	R-170 ROAD	<p>1) North side rib-deck concrete girder with guardrail attached needs crack patched with epoxy. Guardrail was damaged & repaired at an earlier date.</p> <p>2) Concrete girder 1H is fractured due to vehicle impact / repair -replace girder.</p> <p>3) Stabilize fill loss under wingwalls and add riprap to canal banks at the base of wingwalls.</p> <p>4) Reset bearings and shims that are walking out.</p> <p>5) Crack seal approach transitions and longitudinal cracking on deck BST.</p>	<p>12/8/2015</p> <p>1/11/2022</p> <p>1/11/2024</p>	
608-15.47	R-170 ROAD	<p>1) Crack seal approach / deck joints.</p> <p>2) Remove chip seal rocks from bridge deck /.</p>	<p>12/7/2016</p> <p>12/8/2022</p>	
273-1.66	READER ROAD			
506-2.27	RINGOLD ROAD			
506-2.96	RINGOLD ROAD	<p>1) Both asphalt roadway approaches higher than bridge deck / adjust approach grade & repave.</p> <p>2) Approach joints need crack seal/</p> <p>3) Minor erosion at 4 each bridge sides/ fill with suitable material.</p>	<p>11/15/2013 -----</p> <p>11/19/2022</p>	
506-4.20	RINGOLD ROAD	<p>1) Spall on concrete deck at the northeast side of bride with exposed rebar/ patch.</p> <p>2) Erosion at the north side abutments / Fill with suitable material.</p>	11/28/2022	

925-1.33	RINGOLD RIVER ROAD	1) Dry rot on surface of 1 each deck timber plank(4"x 12") at south abutment, 2) 8.8ft from southwest deck corner (1 SF) / continue to monitor 2) BST covered planks have 1/2" to 1" gap in between deck planks/ 3) BST deck is breaking up at the south side of the bridge 10" radius hole on deck / patch bridge deck.	11/20/2019 ----- 12/7/2022	
670-0.08	RUSSELL ROAD	1) Crack seal approach slab / . 2) Replace object marker at the northeast / .	12/17/2020 11/20/2022	
670-2.75	RUSSELL ROAD	1) East asphalt roadway approach lower than bridge deck. / adjust concrete headwall to match concrete deck, adjust approach grade, & repave. 2) Erosion at southeast bridge deck corner / fill with suitable material. 3) Large crack on centerline on keyway area / regrout keyway and crack seal.	1/22/2014 ----- 3/6/2018 ----- 12/7/2022	
670-4.63	RUSSELL ROAD	1) Longitudinal crack at centerline & center of west bound lane/ crack seal. 2) Minor erosion at the southeast side of bridge / fill with suitable material.	12/17/2020 ----- 12/7/2022	
670-5.54	RUSSELL ROAD			
670-6.61	RUSSELL ROAD	1) Stringer 2A (facial span #2) is rotted out at abutment/ replace with recycled timber girders. 2) Spread footing at abutment #1 is exposed/ fill with suitable material.	12/18/2020 ----- 12/11/2022	
670-10.10	RUSSELL ROAD	Outside girders 1A & 2A have rot at bearing at center pier/ monitor.	12/19/2020	
400-4.02	SAGEHILL ROAD 2			
400-6.96	SAGEHILL ROAD 3	1)Excess sand built up along approach guardrail at all 4 corners of structure. Rail needs to meet height requirement / remove excess material. 2) Pier #3 weld tie between girders B-C is broken / 3) Monitor soffit spalls and delamination's for potential through spalls/ 4) Add riprap at base of the northwest wingwall to prevent approach roadway fill loss. 5) Raise the southeast bridge object marker	11/29/2022	
400-8.43	SAGEHILL ROAD 4	1) Vehicle impact of the southwest approach guardrail end treatment/ replace it. 2) Monitor delamination in girder webs. Consider removing delamination's and coating primary reinforcement steel with zinc rich paint.	1/11/2022 1/11/2022	4/10/2022
400-9.03	SAGEHILL ROAD 5	1) Remove delaminated concrete from girder 2A and coat exposed reinforcement with zinc rich paint.	1/11/2022	
909-2.90	SAGEMOOR ROAD, EAST	1) Damaged w-beam guardrail timber spacers(3 each) / replace timber spacers. 2) See through hole on corrugated steel soffit between girder E & F / patch. 3) Soffit transverse crack between girders F & G by abutment #1 / patch. 4) Remove accumulated debris on canal at the north side of the bridge/. 5) Replace object marker at the northeast / .	12/18/2018 11/18/2022	
908-9.42	SAGEMOOR ROAD, WEST	1) Multiple longitudinal cracks mid-span on tub girder/ monitor.	12/21/2020	
307-5.18	SCOOTENEY ROAD	1) Northwest approach guardrail post is missing timber block./ Replace	11/14/2020	1/26/2021
218-0.98	SETTLER ROAD	1) Monitor west end of girders A & M for rot and crushing progression / install borate rods to slow decay of girders.	1/10/2024	

690-3.04	SHEFFIELD ROAD	<ol style="list-style-type: none"> 1) The 4th timber girder(1C) from the south at span #1 is cracked 6" below top longitudinally from abutment to mid-span. / monitor. 2) Both fascia timber girders(2 spans) on north side are rotted out at abutment bearing / replace with 2 each recycled timber girders. 3) Resecure the south bridge rail. Consider upgrading the railing system to current safety standards. 4) Erosion by the southwest wingwall/ fill with suitable material. 5) Transverse cracking on deck/ crack seal. 6) Pothole at the west side approach transition/ patch. 	1/30/2012 ----- --- 12/6/2017 1/11/2022 1/11/2024	
690-3.92	SHEFFIELD ROAD	<ol style="list-style-type: none"> 1) Reseal the cracks in the chip seal at the transitions and over the piers with mastic/rubberized tar. 2) Replace or tie-back wingwall bracing piles 	1/12/2022	
690-4.63	SHEFFIELD ROAD	<ol style="list-style-type: none"> 1) Erosion at the southeast wingwall / remove vegetation and fill with suitable material. 	12/7/2022	
690-8.45	SHEFFIELD ROAD	<ol style="list-style-type: none"> 1) Fasten a cover plate over the hole in the northwest wingwall. 2) Reattach the disconnected rail plank at the southwest corner. Consider upgrading the rail system to current safety standards. 	1/11/2022	
722-0.07	SMITH CANYON ROAD	<ol style="list-style-type: none"> 1) Section loss at east timber cap. Cap is crushing(rotten) at 2 of 4 timber piles / monitor. 2) Remove timber structure and replace with 57"x 38" corrugated steel pipe arch culvert. 	7/26/2012 ----- --- 12/6/2016	
722-2.35	SMITH CANYON ROAD			
722-2.43	SMITH CANYON ROAD			
705-0.24	SNAKE RIVER ROAD	<ol style="list-style-type: none"> 1) BST is pulling apart at the southeast corner of timber structure/ patch with suitable material. 2) North abutment wall is leaning slightly inward / monitor rotation. 3) Install rail system for structure and approaches. 	12/9/2019 1/11/2022	
705-9.85	SNAKE RIVER ROAD	Minor erosion at bridge deck corners/ Fill with suitable material.	12/14/2020	
222-0.98	SOHM ROAD	<ol style="list-style-type: none"> 1) Asphalt surfacing is cracked along approach deck joints/ Crack seal. 3 of 4 each object markers are damaged/ Replace. 2) Object marker at the Southeast is facing the wrong way /. 	12/25/2020 11/17/2022	
903-3.46	TAYLOR FLATS ROAD	<ol style="list-style-type: none"> 1) No object markers installed / Install object markers at all four corners of structure. 2) Debris accumulation along concrete curbs / sweep deck. 3) Damaged Southwest approach guardrail/ still functional, monitor. 	1/22/2022 1/11/2023	12/20/2023
903-11.83	TAYLOR FLATS ROAD			
903-12.44	TAYLOR FLATS ROAD	<ol style="list-style-type: none"> 1) Abutment #2 footing is exposed/ fill with suitable material. 	11/30/2022	
886-2.74	VINEYARD ROAD, EAST	<ol style="list-style-type: none"> 1) Minor scour at north abutment footing / continue to monitor & contact South Columbia Irrig. District. 2) WSDOT Local Programs has selected this structure for replacement in the 2022 call for projects. 	12/14/2017	
886-4.44	VINEYARD ROAD, EAST	<ol style="list-style-type: none"> 1) Scour at the abutments / fill with suitable material and add riprap. 2) Damaged and rotten timber rail posts / replace timber posts. 	12/14/2017 1/11/2022	
279-5.13	WADSWORTH	<ol style="list-style-type: none"> 1) Fascia girders & girder D exhibit dry rot at bearing / replace girders. 	11/17/2022	
405-0.19	WAHLUKE ROAD, NORTH			
225-1.75	WAREHOUSE ROAD	<ol style="list-style-type: none"> 1) Timber girder (21"H x 7.75 W) 1M exhibits advance decay / replace girder 1M. 2) Southeast object marker is damaged / replace. 3) Pothole mid-span of structure / patch. 4) Verify that load posting sign at the south side of structure is installed. 	1/10/2024	

226-0.29	WAREHOUSE LANE	1) Loose roadway approach gravel wearing away concrete deck / apply KwikBond polymer or similar product to deck. 2) Deck needs to be swept, if possible apply 50LF approach of BST on both ends of structure to prevent damage on deck from loose gravel.	1/11/2012 1/10/2024	
295-0.33	WILDER ROAD	1) SE deck planks are exposed about 10SF (exposed first plank is damaged)/ repair first plank and cover with suitable material. 2) Fascia girders exhibit dry rot at bearing / replace.	10/18/2020	7/2/2021