



Lewis County Department of Public Works Engineering Division

Pigeon Springs Rd MP 2.295 Slide Repair Project



Six Year
Transportation
Improvement
Program
2024 - 2029

Approved by Resolution 23-370
on November 21, 2023

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**Lewis County
Department of Public Works
Engineering Division**

PLANNING PROCESS

**Six Year
Transportation
Improvement
Program
2024 - 2029**

Planning Process

The proposed 2024-2029 Six Year Transportation Improvement Program (TIP) and 2024 Annual Construction Program (ACP) are presented in the Department's proposed 2024 budget. The TIP and Annual Programs are updated annually and must be adopted by the Board of County Commissioners (BOCC) prior to adoption of the budget. As is the case each year, our program has projects divided into funded and unfunded categories.

The priority array of funded projects was created based on criteria developed by the County Engineer. Pursuant to WAC 136-14, each project was scored based on: traffic volume, pavement rating, geometrics, accident history and safety improvements, regional and local significance, geographic equity, maintenance offset, supplemental funding, and constructability and permits. Following the scoring, several projects were removed from the funded portion of the plan and placed on the unfunded list in order to balance the program.

Input is also received from Lewis County's Bridge Inspection Program regarding bridges that need major repairs or replacement. The 2023 Annual Bridge Report was submitted to the BOCC on November 14, 2023. There are no proposed bridge projects scheduled for construction in 2024, but preliminary engineering work includes bridge pier scour mitigation of King Road Bridge #147, Sargent Road Bridge #172 Senn Road Bridge #77, Wildwood Road Bridge #3, and Skate Creek Road North Bridge #51A. Preliminary engineering work also includes the Davison Road Bridge #1 rehabilitation, Ceres Hill Road Bridge #102 retrofit, and Preventative Bridge Maintenance projects.

Our 2024 Construction Program includes countywide road and bridge projects on the Annual Construction Program, which total \$22.90 million. Of that \$22.90 million, \$18.25 million will come from external State and Federal funding sources and the remaining from local funding. The TIP includes projects, which total \$127.01 million. Of that \$127.01 million, \$111.34 million will come from external State and Federal funding sources and the remaining from local funding.

In 2024, we anticipate designing (Des) and constructing (Constr) the following projects:

2024 Lewis County Construction Projects (funded projects exceeding \$200,000)

- Logan Hill Fish Passage (Constr)
- Senn Road Bridge Scour (Des)
- Shorey Road Bank Stabilization (Des & Constr)
- Wildwood Road Bridge Scour (Des)
- Preventative Bridge Maintenance (Des)
- Countywide 3R Program (Des and Constr)
- Countywide Emergent Construction Projects (Des & Constr)
- Graf Fish Passage (Constr)
- Newaukum Valley Fish Passage (Des)
- FEMA Repair Projects (Des & Constr)
- Countywide Misc. Safety & Guardrail (Des & Constr)
- 2023 County Safety Program (Des & Constr)
- Railroad Switch Upgrades (Constr)
- Centralia Alpha Road Improvements (Constr)
- Track Extensions & Road Closure Project (Des & Constr)
- Davison Bridge Rehabilitation (Des)
- Harrison Avenue Improvements (Des)
- Ceres Hill Bridge Retrofit (Des)
- North County Industrial Access (Des)

The unfunded portion of the program was expanded to include all projects designated in need of rehabilitation through the Pavement Management Program, collector routes in need of widening to meet the current road standards, and bridges in need of repair. It includes several major construction projects and dozens of annual small countywide projects with an estimated cost of \$47.14 million. Projects from the unfunded list will be scoped, scored, and evaluated for future placement on the funded program.

The public outreach effort for involvement in the development of the TIP included a presentation to the Lewis County Planning Commission, and access to the TIP PowerPoint presentation on the Lewis County website. The PowerPoint presentation includes, descriptions of the proposed projects, a description of selection criteria and process, and comment sheets for use by the public.

**Lewis County
Department of Public Works
Engineering Division**

REVENUES
Projected 2024 - 2029

**Six Year
Transportation
Improvement
Program
2024 - 2029**

LEWIS COUNTY PUBLIC WORKS DEPARTMENT
6-YEAR PROJECTION OF REVENUES and EXPENDITURES
FROM 2024 THROUGH 2029
(in thousands of dollars)

	Forecast 2024	% Change 24-25	Forecast 2025	% Change 26-27	Forecast 2026	% Change 27-28	Forecast 2027	% Change 28-29	Forecast 2028	% Change 29-30	Forecast 2029	6-YEAR TOTALS
ESTIMATED BEGINNING FUND BALANCE	5,356		(2,123)		(14,152)		(12,264)		(23,649)		(32,698)	
REVENUES												
Taxes												
Property Taxes	14,450	1.00%	14,595	1.00%	14,741	1.00%	14,888	1.00%	15,037	1.00%	15,187	88,898
Timber Excise Tax	1,207	-17.15%	1,000	0.00%	1,000	0.00%	1,000	0.00%	1,000	0.00%	1,000	6,207
Other Taxes	20	0.00%	20	0.00%	20	0.00%	20	0.00%	20	0.00%	20	120
Federal												
Timber (Title I - Schools and Roads)	600	0.00%	600	-100.00%	-	N/A	-	N/A	-	N/A	-	1,200
Federal Grants	7,646	11.21%	8,504	150.48%	21,300	-43.45%	12,046	-2.04%	11,801	23.54%	14,578	75,875
State												
Motor Vehicle Fuel Tax - County Roads	3,389	1.00%	3,389	1.00%	3,389	1.00%	3,389	1.00%	3,389	1.00%	3,389	20,333
Rural Arterial Program (RAP)	1,823	-45.68%	990	-89.90%	100	2365.00%	2,465	-95.94%	100	800.00%	900	6,378
County Arterial Preservation Program (CAPP)	649	-20.72%	515	0.00%	515	0.00%	515	0.00%	515	0.00%	515	3,223
Transportation Improvement Board (TIB)	-	N/A	-	N/A	-	N/A	-	N/A	75	2000.00%	1,575	1,650
Other State	1,093	199.75%	3,277	-63.90%	1,183	-2.92%	1,148	56.78%	1,801	5.09%	1,892	10,394
Other												
Other - Charges	343	0.99%	346	1.00%	349	1.00%	352	1.00%	356	1.00%	360	2,106
Other - Transfers In	185	-72.97%	50	0.00%	50	0.00%	50	0.00%	50	0.00%	50	435
All Other Revenues	8,141	-87.72%	1,000	0.00%	1,000	0.00%	1,000	0.00%	1,000	0.00%	1,000	13,141
TOTAL REVENUE	39,546	-13.30%	34,285	27.31%	43,647	-15.52%	36,873	-4.69%	35,143	15.15%	40,466	229,959

EXPENDITURES

Capital Costs - Construction	11,216	3.93%	11,656	-42.06%	6,754	91.05%	12,903	-34.24%	8,484	54.08%	13,073	64,086
Maintenance	27,199	1.00%	27,471	1.00%	27,746	1.00%	28,023	1.00%	28,303	1.00%	28,587	167,329
Other - Administration	1,770	1.00%	1,788	1.00%	1,806	1.00%	1,824	1.00%	1,842	1.00%	1,861	10,891
Other - Operations	5,125	1.00%	5,177	1.00%	5,228	1.00%	5,281	1.00%	5,334	1.00%	5,387	31,532
All Other Expenditures	201	1.00%	203	1.00%	205	1.00%	207	1.00%	209	1.00%	211	1,233
Transfer Out - Paths and Trails	20	0.00%	20	0.00%	20	0.00%	20	0.00%	20	0.00%	20	120
EXPENDITURES Before Traffic Policing	45,531	1.72%	46,314	-9.84%	41,758	15.56%	48,258	-8.42%	44,192	11.19%	49,138	275,192
Other - Traffic Policing Transfer Out	1,494	-100.00%	-	N/A	-	N/A	-	N/A	-	N/A	-	1,494
TOTAL EXPENDITURES	47,025	-1.51%	46,314	-9.84%	41,758	15.56%	48,258	-8.42%	44,192	11.19%	49,138	276,685

NET DIFFERENCE	(7,479)		(12,029)		1,889		(11,385)		(9,050)		(8,672)	
ESTIMATED ENDING FUND BALANCE	(2,123)		(14,152)		(12,264)		(23,649)		(32,698)		(41,370)	

Numbers may not foot due to rounding

**Lewis County
Department of Public Works
Engineering Division**

EXTERNAL FUNDING SOURCES

**Six Year
Transportation
Improvement
Program
2024 - 2029**

EXTERNAL FUNDING SOURCES

Six Year Transportation Improvement Program

STATE OF WASHINGTON PROGRAMS

County Arterial Preservation Program (CAPP) - Funds are limited to the direct and attributable indirect costs associated with paved surface preservation and rehabilitation activities on existing arterial roadways. Funds are distributed by direct allocation by the County Road Administration Board (CRAB) based on percentage of paved arterial lane miles in the county compared with the total in the state. The 2021 allocation is \$414,676.

Rural Arterial Program (RAP) - 90% Federal, 10% Local Funds are limited to the direct and attributable indirect costs associated with arterial and collector road improvement projects. Funds are allocated by a rating system within the Southwest Region on submitted projects for approval. Each county in the Southwest Region may submit projects requesting funds not to exceed 30% of the region's biennial apportionment. These funds may pay up to ninety percent of eligible costs.

Transportation Improvement Board (TIB)

The Transportation Improvement Board (TIB) is an independent state agency that distributes and manages street construction and maintenance grants to 320 cities and urban counties throughout Washington State. The funding for TIB's grant programs come from revenue generated by three cents of the statewide gas tax. The primary purpose of the TIB is to administer state funding for local government transportation projects. Projects are funded utilizing TIB revenues in combination with local matching funds and private sector contributions. The authorizing legislation for TIB is contained in RCW 47.26.121. The administrative rules are found in WAC 479. TIB administers the following grant programs:

- Arterial Preservation Program (AAP)
- Urban Arterial Program (UAP)
- Urban Sidewalk Program (SP)
- Relight Washington Program (LED)
- Small City Arterial Program (SCAP)
- Small City Preservation Program (SCPP)
- Small City Sidewalk Program (SCSP)
- Complete Streets Award

FEDERAL PROGRAMS

Infrastructure Investment and Jobs (IIJA) Act:

On November 15, 2021, the Infrastructure Investment and Jobs (IIJA) Act was signed into law Public Law 117-58. The IIJA Act funds surface transportation programs—including, but not limited to, Federal-aid highways—at over \$1.2 trillion for fiscal years (FY) 2022 through 2026. The bill reauthorizes the highway, public transportation, and rail programs for five years.

Highways

The legislation includes the Surface Transportation Reauthorization Act of 2021 ([S. 1931](#)) that the Senate Committee on Environment and Public Works voted unanimously to approve on May 26, 2021. This legislation authorizes the Federal-Aid Highway Program for five years (FY 2022-2026). Below summarizes changes to existing Federal Highway Administration (FHWA) programs and the new programs created.

Surface Transportation Block Grant Program: \$72 billion

- Adds new eligibilities to the Surface Transportation Block Grant (STBG) Program, including electric vehicle charging infrastructure and vehicle-to-grid infrastructure, installation and deployment of intelligent transportation technologies, projects that facilitate intermodal connections between emerging transportation technologies, resilience features, cybersecurity protections, waterfront infrastructure projects and projects to enhance travel and tourism.

Transportation Alternatives Program: \$7.2 billion

- Increases the amount of funding set aside within the STBG Program for the Transportation Alternatives Program (TAP); increases the minimum percentage of TAP funding that is sub-allocated on the basis of population from current 50 percent to 59 percent.

Congestion Mitigation and Air Quality Improvement Program: \$13.2 billion

- Adds eligibility for Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds to be used on shared micromobility, including bike share and shared scooter systems, as well as for the purchase of medium- or heavy-duty zero emission vehicles and related charging equipment.

Railway-Highway Grade Crossings: \$1.225 billion

- Continues to set aside \$245 million of the Highway Safety Improvement Program (HSIP) funding for the Railway-Highway Crossings (Section 130) Program each year. Increases the federal share for projects funded under the Section 130 program from 90 percent to 100 percent, as well as clarifies that the replacement of functionally obsolete warning devices is an eligible expense.

National Highway Freight Program: \$7.15 billion

- Increases the maximum number of highway miles a state may designate as critical rural freight corridors from 150 to 300 miles, and critical urban freight corridors from 75 to 150 miles.

Formula Carbon Reduction Program: \$6.42 billion

- Establishes a new carbon reduction program to reduce transportation emissions.
- 65 percent of funding under this program would be sub-allocated by population.
- Eligible projects include:
 - traffic monitoring, management and control facility or program
 - public transportation
 - on-road and off-road trail facilities for pedestrians and bicyclists
 - advanced transportation and congestion management technologies
 - deployment of infrastructure-based intelligent transportation systems (ITS) capital improvements and the installation of vehicle to infrastructure communications equipment
 - replacing street lighting and traffic control devices with energy-efficient alternatives
 - development of a carbon reduction strategy

Promoting Resilient Operations for Transformative, Efficient and Cost-saving Transportation (PROTECT) Grant Program: \$7.3 billion in formula and \$1.4 billion in competitive grants

- Establishes the PROTECT Grant Program, which would provide \$7.3 billion in formula funding and \$1.4 billion in competitive set-aside grants (over five years) for resilience improvements at the state and municipal levels.
- The PROTECT grants are intended to incentivize state and local communities as they seek to improve the resiliency of natural infrastructure such as wetlands, floodplains and aquatic ecosystems. Specifically, the grants would provide planning and resilience improvement funding to communities to help to assess vulnerabilities to current and future weather events or other natural disasters, and to enhance transportation assets such as ports and port infrastructure. In addition to evaluating vulnerabilities, resilience improvement grants can be utilized to relocate infrastructure out of the floodplain and restore aquatic ecosystems connected to a transportation improvement.

Transportation Infrastructure Finance and Innovation Act of 1998: \$1.25 billion

- Adds eligibility for public infrastructure located near transportation facilities to promote transit-oriented development (TOD).
- Adds eligibility for airport-related projects.
- Adds new criteria to the streamlined application process for public agency borrowers to increase the likelihood that the U.S. Department of Transportation (DOT) Secretary will be able to move more projects through the process expeditiously.

Nationally Significant Freight and Highway Projects (INFRA): \$8 billion

- Renames the Nationally Significant Freight and Highway Projects program (also known as the Infrastructure for Rebuilding America or INFRA grant program) to be the Nationally Significant Multimodal Freight and Highway Program.
- Raises the cap on multimodal (rail/port) projects from 10 percent to 30 percent of the grants for each year.

Congestion Relief Program: \$250 million

- Establishes a congestion relief program to provide competitive grants to states, local governments and metropolitan planning organizations (MPO) for projects in large urbanized areas (more than 1 million people) to advance innovative, integrated and multimodal solutions to congestion relief in the most congested metropolitan areas of the United States.
- Grant awards shall be not less than \$10 million. When selecting grants, the DOT Secretary shall give priority to eligible projects located in urbanized areas that are experiencing high degrees of recurrent congestion.
- The federal cost-share shall not exceed 80 percent of the total cost of a project.

Reducing Truck Emissions at Ports: \$250 million

- Establishes a program to reduce idling and emissions at port facilities.
- Requires the DOT Secretary to:
 - Study how ports would benefit from electrification and to study emerging technologies that reduce emissions from idling trucks.
 - Coordinate and fund projects through competitive grants that reduce port-related emissions from idling trucks.
 - Submit a report to Congress detailing the status and effectiveness of the program.

Healthy Streets Program: \$500 million

- Establishes the Healthy Streets program to provide grants to eligible entities to deploy cool pavements and porous pavements and to expand tree cover.
- The goals of the program are to mitigate urban heat islands, improve air quality and reduce the extent of impervious surfaces, storm water runoff and flood risks and heat impacts to infrastructure and road users.

Reconnecting Communities Pilot Program: \$500 million

- Establishes the Community Connectivity Pilot program through which eligible entities may apply for: 1) planning funds to study the feasibility and impacts of removing, retrofitting or mitigating existing transportation facilities that create barriers to mobility, access or economic development and 2) construction funds to carry out a project to remove, retrofit or mitigate an eligible facility and, if appropriate, to replace it with a new
- An eligible facility includes a limited access highway, viaduct or any other principal arterial facility that creates a barrier to community connectivity, including barriers to mobility, access or economic development, due to high speeds, grade separations or other design factors.

- Planning grant awards may not exceed \$2 million, and the federal cost share for a project may not exceed 80 percent. Capital construction grants must be at least \$5 million, and the federal cost share for a project may not exceed 50 percent.

Highway Safety Improvement Program: \$15.575 billion

- Allows flexibility for Highway Safety Improvement Program (HSIP) to be used for non-infrastructure activities and behavioral safety projects, such as educational campaigns about traffic safety and enforcement activities; and allows a state to spend up to 10 percent of its HSIP funding on such projects and Safe Routes to School non-infrastructure-related activities.
- Adds projects eligible for HSIP funding:
 - Grade separation projects.
 - Construction or installation of features, measures and road designs to calm traffic and reduce vehicle speeds.
 - Installation or upgrades of traffic control devices for pedestrians and bicyclists, including pedestrian hybrid beacons and the addition of bicycle movement phases to traffic signals.
 - Roadway improvements that provide separation between pedestrians and motor vehicles or between bicyclists and motor vehicles, including medians, pedestrian crossing islands, protected bike lanes and protected intersection features.

Transportation Access Pilot Program

- Establishes a Transportation Access Pilot program to develop or procure accessibility data and make it available to each eligible entity selected to participate in the pilot program to improve transportation planning.
- The pilot will measure the level of access by surface transportation mode to important destinations, which may include jobs, healthcare facilities, child care facilities, educational and workforce training facilities, housing, food sources, points within the supply chain for freight commodities, domestic and international markets and connections between surface transportation modes.
- The pilot will also assess the change in accessibility that would result from new transportation investments.

Stopping Threats on Pedestrians: \$25 million

- Establishes a grant program to provide assistance to state departments of transportation and local government entities for bollard installation projects designed to prevent pedestrian injuries and acts of terrorism in areas used by large numbers of pedestrians.

Study of Impacts on Roads from Self-Driving Vehicles

- Directs the Transportation Secretary to initiate a study on the existing and future impacts of self-driving vehicles to transportation infrastructure, mobility, the environment and safety, including impacts on the Interstate System, urban roads, rural roads, corridors with heavy traffic congestion and transportation systems optimization.

- The study shall include specific recommendations for both rural and urban communities regarding the impacts of self-driving vehicles on existing transportation system capacity.

Update to Manual on Uniform Traffic Control Devices

- Directs the DOT to update the Manual on Uniform Traffic Control Devices and to continue to update the manual no less than every four years thereafter. The initial update shall include protection of vulnerable road users, the safe testing of automated vehicle technology and minimum retroreflectivity of traffic control devices and pavement markings. This section also adds electric vehicle charging stations to the section.

Bridge Grant Program: \$3.265 billion

- Establishes a new competitive grant program to assist state, local, federal and tribal entities in rehabilitating or replacing bridges, including culverts.
- The minimum grant amount for a large project is not less than \$50 million; the minimum grant amount for any other eligible project is \$2.5 million.
- Grant amounts, in combination with other anticipated funds, should be of a size sufficient to enable the project to proceed through completion.
- The bridge program would include an application and evaluation process for large projects, after which the Transportation Secretary would submit an annual report to Congress on funding recommendations, based on project evaluations. Large projects will be funded with multi-year funding agreements similar to the Federal Transit Administration (FTA) Full Funding Grant Agreement (FFGA) program. At least 50 percent of program funds over five years must be used for large projects.

Rail/Safety/Freight

The bill includes the Surface Transportation Investment Act (S. 2016) that the Senate Committee on Commerce, Science, and Transportation passed on June 16, 2021. S. 2016 authorizes \$78 billion over five years for rail, freight and safety programs.

Emerging Technology Research Pilot Program: \$25 million

- Establishes a pilot program to conduct emerging technology research, specifically including advanced and additive manufacturing (3-D printing) technologies; and research into activities to reduce the impact of automated driving systems and advanced driver automation systems technologies on pavement and infrastructure performance and to improve transportation infrastructure design.

Research and Technology Development and Deployment

- Expands the objectives of the DOT Turner Fairbank Highway Research Center to support research on nonmarket ready technologies in consultation with public and private entities.
- Establishes an open challenge and research proposal pilot program that provides grants for proposals to research needs or challenges identified or determined to be important by the Transportation Secretary.
- Expands the Technology and Innovation Deployment Program by adding a focus on accelerated market readiness efforts, and increases funding for the program,

including \$100 million in new and innovative construction technologies for smarter, accelerated project delivery.

- Reauthorizes the Accelerated Implementation and Deployment of Pavement Technologies program.
- Modifies the Advanced Transportation Technologies and Innovative Mobility Deployment program to include intermodal connectivity and a rural set-aside of not less than 20 percent; and expands the eligibility under this program to include retrofitting dedicated short-range communications (DSRC) technology deployed as part of an existing pilot program to cellular vehicle-to-everything technology, as well as advanced transportation technologies.
- Authorizes a new Center of Excellence on New Mobility and Automated Vehicles to research the impact of highly automated vehicles and new mobility, such as docked and dockless bicycles and electric scooters.

Workforce Development, Training and Education

- Allows states greater flexibility to address surface transportation workforce development, training and education needs, including activities that address current workforce gaps, such as work on construction projects.
- Permits states to obligate funds for pre-apprenticeships, apprenticeships and career opportunities for on-the-job training and vocational school support.

National Motor Vehicle Per-Mile User Fee Pilot

- Directs the Transportation Secretary to establish a pilot program to demonstrate a national motor vehicle per-mile user fee. In carrying out the pilot program, the Secretary shall provide different methods that volunteer participants can choose from to track motor vehicle miles traveled and solicit volunteer participants from all 50 states, the District of Columbia and the Commonwealth of Puerto Rico.

Strategic Innovation for Revenue Collection

- Reauthorizes and renames the Surface Transportation System Funding Alternatives Program, to continue to test the feasibility of a road usage fee and other user-based alternative revenue mechanisms to help maintain the long-term solvency of the Highway Trust Fund, through pilot projects at the state, local and regional level. Expands eligible applicants from state DOTs, to include local governments and MPOs.

Advanced Research Projects Agency-Infrastructure

- Establishes the Advanced Research Projects Agency-Infrastructure (ARPA-I) to fund research and development on advanced transportation infrastructure technologies. ARPA-I would support novel, early stage research as well as advance conceptual research into testing and development.

National Infrastructure Project Assistance: \$10 billion

- Establishes the National Infrastructure Project Assistance Program to provide single- or multiyear grants to projects generating national or regional economic, mobility or safety.

- Eligible projects include highway or bridge projects, freight intermodal or freight rail projects, railway-highway grade separation or elimination projects, intercity passenger rail projects and certain public transportation projects.

Local and Regional Project Assistance: \$7.5 billion

- Authorizes and renames the RAISE/BUILD program.
- Limits the size of each grant to \$25 million and provides an equal split between rural and urban areas.

National Culvert Removal, Replacement and Restoration Grant Program: \$4 billion

- Creates a National Culvert Removal, Replacement and Restoration Program to provide grants to states, local governments and tribes to address anadromous fish passage as well as provide funding for certain freshwater impacts to marine fish and shellfish species.

Amtrak National Network: \$12.65 billion

Amtrak Northeast Corridor Grants: \$6.57 billion

Federal-State Partnership Intercity Passenger Rail: \$7.5 billion

Federal Railroad Administration (FRA) Consolidated Rail Infrastructure and Safety Improvement (CRISI): \$5 billion

FRA Railroad Crossing Elimination Program: \$3 billion

- Authorizes a new competitive grant program for the elimination of hazards at railway-highway crossings.

FRA Restoration and Enhancement Grants: \$250 million

Safe Streets and Roads for All Grant Program: \$1 billion

- Establishes a grant program for MPOs, local governments and tribal governments to develop and carry out comprehensive safety plans to prevent death and injury on roads and streets, commonly known as "Vision Zero" or "Toward Zero Deaths" initiatives.

Lewis County is eligible to receive these funds through the Washington State Department of Transportation under the following grant programs:

Bridge Replacement and Rehabilitation Program – (BR) 80% Federal, 20% Local
 Replace or rehabilitate roadway bridges over waterways, topographical barriers, other roadways, railroads, canals, etc., when those bridges have been determined deficient because of structural deficiencies, physical deterioration, or functional obsolescence.

National Historic Covered Bridge Preservation – 80% Federal, 20% Local
 Rehabilitate, Repair, or preserve covered bridges that are listed or eligible for listing on the National Register of Historical Places.

Railway-Highway Crossings – 90% Federal, 10% Local

Eliminate hazards and/or install/upgrade protective devices at crossings to reduce the number of fatalities and injuries at public highway-rail grade crossings.

Safe Routes to School Program – 100% Federal

Make walking or bicycling to school safe and more appealing; and to facilitate the planning, development, and implementation of projects that will improve safety, and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.

Surface Transportation Program – (STP) 86.5% Federal, 13.5% Local

Provides flexible funding that may be used by States and local agencies for projects on any Federal-aid highway, including the National Highway System (NHS), bridge projects on any public road, transit capital projects, and intercity and intracity bus terminals and facilities.

Transportation Alternatives Program – (TA) 86.5% Federal, 13.5% Local Projects that projects to provide safe routes for non-drivers, as well as community improvement and environmental mitigation activities. Design and planning activities are eligible for partial funding, and projects will be considered for up to 80 percent of eligible program costs. Eligible project sponsors under the new program include local governments, regional transportation authorities, transit authorities, school districts, and natural resource or public land agencies.

Federal Emergency Management Agency (FEMA)

The mission of the Federal Emergency Management Agency is to provide assistance to State, Tribal and local governments so that communities can quickly respond to and recover from major disasters or emergencies declared by the President. The Federal share of assistance is not less than 75% of the eligible cost for emergency measures and permanent restoration. The grantee (usually the State) determines how the non-Federal share (up to 25%) is split with the sub-grantees (eligible applicants).

Salmon Recovery Funding Board - (SRFB)

Pursuant to the Salmon Recovery Act: Chapter 77.85 RCW, Lewis County continues to support salmon recovery by funding habitat protection and restoration projects, and produce sustainable and measurable benefits for fish and their habitat.

**Lewis County
Department of Public Works
Engineering Division**

FUNDED PROJECTS

**Six Year
Transportation
Improvement
Program
2024 - 2029**

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY, WASHINGTON**

IN THE MATTER OF:

RESOLUTION NO. 23-370

ADOPT THE 2024-2029 SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
AND 2024 ANNUAL CONSTRUCTION PROGRAM
(ACP)

WHEREAS, RCW 36.81.121 requires the legislative authority of each county prepare and adopt a TIP that includes proposed road and bridge construction work for the ensuing six calendar years; and

WHEREAS, WAC 136-16 requires the legislative authority of each county prepare and adopt an ACP that includes proposed road and bridge construction work for the ensuing calendar year prior to the County's budget adoption each year; and

WHEREAS, the 2024-2029 Six-Year TIP and 2024 ACP were prepared at the direction of the Lewis County Board of County Commissioners (BOCC), and a public hearing was held November 21, 2023.

NOW THEREFORE BE IT RESOLVED the BOCC hereby certifies that a priority array of potential projects on the County's arterial system and a résumé of bridge inspection findings were prepared by the County Engineer and were available to the BOCC during the preparation of this program, and that the 2024-2029 Six-Year TIP and 2024 ACP are hereby adopted.

DONE IN OPEN SESSION this 21st day of November, 2023.

APPROVED AS TO FORM:
Jonathan Meyer, Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY, WASHINGTON

David Bailey
By: David Bailey,
Chief Civil Deputy Prosecuting Attorney

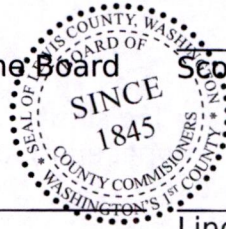
Sean D. Swope
Sean D. Swope, Chair

ATTEST:
Rieva Lester, CMC, Clerk of the Board

Scott J. Brummer
Scott J. Brummer, Vice Chair

Tamara Martin
By: Tamara Martin

Lindsey R. Pollock, DVM
Lindsey R. Pollock, DVM, Commissioner



Six Year Transportation Improvement Program, 2024 to 2029

Priority	Project	BMP	EMP	2024			2025			2026			2027-2029			Project Total
				PE	ROW	Constr	PE	ROW	Constr	PE	ROW	Constr	PE	ROW	Constr	
Non-Capital Improvement Projects																
1	Countywide Bridge/Road Bank Protection (King Road, Sargent Road, Senn Road, Wildwood Road, & Countywide Program)	-	-	\$823	\$23	\$75	\$25	\$17	\$1,463	\$25		\$1,998	\$75		\$225	\$4,749
	Garrard Creek Road Scour Repair	2.750	2.810			\$10										\$10
	Shorey Road Bank Stabilization	0.598	0.618	\$150	\$10	\$1,845										\$2,005
2	Countywide Culvert Replacement (Countywide Program, Labree, Toledo Salmpn Creek, Kruger, Lucas Creek, Logan Hill, Newaukum Valley, Graf, & Spencer)	-	-	\$375	\$324	\$3,115	\$272		\$2,663	\$10	\$41	\$1,460	\$30			\$8,290
3	Federal Forest Road Improvements	-	-	\$5		\$95	\$5		\$95	\$5		\$95	\$15		\$285	\$600
4	FEMA Repair Projects (Carr, Jones, Crumb, Kiona, Salzer Valley, & Pigeon Springs Roads)	-	-	\$495	\$25	\$556	\$310	\$40	\$2,375	\$320	\$125	\$5,917	\$10		\$7,690	\$17,863
5	Preventative Bridge Maintenance	-	-	\$400			\$284					\$4,307				\$4,991
6	Ceres Hill Bridge #102 Retrofit	0.790	-	\$300			\$229					\$3,000			\$424	\$3,953
Capital Improvement Projects																
7	Countywide 3R Program	-	-	\$60	\$5	\$2,600	\$40	\$2	\$550	\$40	\$2	\$550	\$120	\$6	\$1,650	\$5,625
8	Countywide Paths & Trails	-	-	\$15	\$15	\$125	\$3	\$2	\$15	\$3	\$2	\$15	\$9	\$6	\$45	\$255
9	Countywide Emergent Construction Projects	-	-	\$50	\$10	\$240	\$50	\$10	\$240	\$50	\$10	\$240	\$150	\$30	\$720	\$1,800
10	Countywide Misc. Safety & Guardrail	-	-	\$45	\$5	\$250	\$45	\$5	\$250	\$45	\$5	\$250	\$135	\$15	\$750	\$1,800
11	2021 County Safety Program	-	-			\$20										\$20
12	Railroad Switch Upgrades	-	-			\$125										\$125
13	Railroad Track Extension & Road Crossing Closure	-	-	\$100	\$5	\$2,000										\$2,105
14	Jackson Hwy Turn Lanes	2.199	2.800	\$20	\$5	\$100										\$125
15	Wigley Road Improvements	0.720	1.033	\$5	\$5		\$5		\$300							\$315
16	Barnes Dr Overlay	0.000	0.436	\$115					\$1,100							\$1,215
17	2023 County Safety Program	-	-	\$220		\$900			\$1,080							\$2,200
18	Centralia Alpha Road Improvements	10.600	11.850			\$4,000			\$2,276			\$553				\$6,829
19	Davison Road Bridge Rehabilitation	0.010	-	\$300			\$183	\$2				\$1,668				\$2,153
20	Swofford Road Rehabilitation	0.000	1.777	\$10	\$5		\$10					\$750				\$775
21	Rush Road Improvements	2.600	3.164	\$5			\$75	\$100		\$50	\$50	\$2,400				\$2,680
22	Boyd Road Rehabilitation	0.000	1.140	\$10			\$10			\$60	\$50	\$350				\$480
23	Isbell Road Rehabilitation	0.000	1.410	\$10			\$10			\$60	\$50	\$350				\$480
24	Harrison Avenue Improvements	0.548	2.544	\$250			\$250			\$250		\$250				\$1,000
25	Skate Creek North Bridge Scour	0.910	1.000	\$130			\$50			\$129			\$10		\$3,105	\$3,424
26	North County Industrial Access	-	-	\$2,500			\$1,500			\$1,000	\$1,000	\$3,000	\$1,000	\$1,000	\$23,000	\$34,000
27	Westside Connector	-	-	\$10			\$50			\$200	\$100		\$250	\$150	\$4,240	\$5,000
28	Reynolds Avenue Improvements	0.099	0.993									\$100	\$100	\$2,000	\$2,200	
29	Avery Road West Improvements	0.090	2.700							\$180	\$20	\$10	\$5	\$500	\$715	
30	Tucker Road Widening	0.000	5.549							\$100	\$100	\$185	\$185	\$2,280	\$2,850	
31	Avery Road West/North Military Road Intersection	0.430	0.470									\$20		\$50	\$70	
32	Teitzel Road Bridge Approach Repair	0.700	0.990									\$30		\$170	\$200	
33	Gallagher Road Extension	0.000	0.970									\$100	\$30	\$970	\$1,100	
34	Downie Road Extension	0.000	-									\$100	\$20	\$1,080	\$1,200	
35	Highway 603 (4) Rehabilitation	10.900	11.700									\$120	\$40	\$951	\$1,111	
36	SR 505 Corridor Improvements	2.180	5.500									\$1,022	\$75	\$1,791	\$2,888	
																\$0
Misc. Engineering, ROW, & Construction Costs				\$6,403	\$437	\$16,056	\$3,406	\$178	\$12,407	\$2,527	\$1,555	\$26,903	\$3,731	\$1,672	\$51,926	\$127,201
Construction TOTAL						\$22,896			\$15,991			\$30,985			\$57,329	\$127,201
Estimated Budget																
Annual Balance						(\$22,896)			(\$15,991)			(\$30,985)			(\$57,329)	\$127,201

County Forces Construction Limit

Six Year Transportation Improvement Program, 2024 to 2029

				Lewis Co. Funds		Funding Sources									
Priority	Project	BMP	EMP	Local	Matching Funds	86.5%	80%	86.5%	87.5%	75% of	100%	90%	Other Fed/State	Other Local	Total Funding
						13.5% STP	13.5% BR	13.5% ER	12.5% FEMA	Project TIB	10% CAPP	10% RAP			
Non-Capital Improvement Projects															
1	Countywide Bridge/Road Bank Protection (King Road, Sargent Road, Senn Road, Wildwood Road, & Countywide Program)	-	-	\$587	\$126			\$4,036							\$4,749
	Garrard Creek Road Scour Repair	2.750	2.810	\$0	\$1				\$9						\$10
	Shorey Road Bank Stabilization	0.598	0.618	\$0	\$271			\$1,734							\$2,005
2	Countywide Culvert Replacement (Countywide Program, Labree, Toledo Salmpn Creek, Kruger, Lucas Creek, Logan H	-	-	\$543									\$7,747		\$8,290
3	Federal Forest Road Improvements	-	-	\$600											\$600
4	FEMA Repair Projects (Carr, Jones, Crumb, Kiona, Salzer Valley, & Pigeon Springs Roads)	-	-	\$0	\$2,233				\$13,397				\$2,233		\$17,863
5	Preventative Bridge Maintenance	-	-	\$0	\$0		\$4,991								\$4,991
6	Ceres Hill Bridge #102 Retrofit	0.790	-	\$0	\$529		\$3,424								\$3,953
Capital Improvement Projects															
7	Countywide 3R Program	-	-	\$2,536							\$3,089				\$5,625
8	Countywide Paths & Trails	-	-	\$255											\$255
9	Countywide Emergent Construction Projects	-	-	\$1,800											\$1,800
10	Countywide Misc. Safety & Guardrail	-	-	\$1,800											\$1,800
11	2021 County Safety Program	-	-	\$0		\$20									\$20
12	Railroad Switch Upgrades	-	-	\$0	\$17								\$108		\$125
13	Railroad Track Extension & Road Crossing Closure	-	-	\$0	\$274								\$1,831		\$2,105
14	Jackson Hwy Turn Lanes	2.199	2.800	\$0										\$125	\$125
15	Wigley Road Improvements	0.720	1.033	\$0										\$315	\$315
16	Barnes Dr Overlay	0.000	0.436	\$0	\$121							\$1,094			\$1,215
17	2023 County Safety Program	-	-	\$0		\$2,200									\$2,200
18	Centralia Alpha Road Improvements	10.600	11.850	\$0		\$5,429						\$1,400			\$6,829
19	Davison Road Bridge Rehabilitation	0.010	-	\$0	\$66		\$2,087								\$2,153
20	Swofford Road Rehabilitation	0.000	1.777	\$775											\$775
21	Rush Road Improvements	2.600	3.164	\$0										\$2,680	\$2,680
22	Boyd Road Rehabilitation	0.000	1.140	\$10										\$470	\$480
23	Isbell Road Rehabilitation	0.000	1.410	\$10										\$470	\$480
24	Harrison Avenue Improvements	0.548	2.544	\$0	\$135	\$865									\$1,000
25	Skate Creek North Bridge Scour	0.910	1.000	\$0	\$471								\$2,953		\$3,424
26	North County Industrial Access	-	-	\$0									\$34,000		\$34,000
27	Westside Connector	-	-	\$10	\$674								\$4,316		\$5,000
28	Reynolds Avenue Improvements	0.099	0.993	\$0	\$550					\$1,650					\$2,200
29	Avery Road West Improvements	0.090	2.700	\$0	\$97	\$618									\$715
30	Tucker Road Widening	0.000	5.549	\$0	\$285							\$2,565			\$2,850
31	Avery Road West/North Military Road Intersection	0.430	0.470	\$50										\$20	\$70
32	Teitzel Road Bridge Approach Repair	0.700	0.990	\$200											\$200
33	Gallagher Road Extension	0.000	0.970	\$0									\$1,100		\$1,100
34	Downie Road Extension	0.000	-	\$0									\$1,200		\$1,200
35	Highway 603 (4) Rehabilitation	10.900	11.700	\$0	\$111							\$1,000			\$1,111
36	SR 505 Corridor Improvements	2.180	5.500	\$722									\$1,444	\$722	\$2,888
				\$0											\$0
Misc. Engineering, ROW, & Construction Costs				\$9,898	\$5,961	\$9,132	\$14,538	\$1,743	\$13,397	\$1,650	\$3,089	\$6,059	\$56,932	\$4,802	\$127,201
Construction TOTAL				Lewis Co. Funds											
Estimated Budget															
Annual Balance															
County Forces Construction Limit				Total - \$15,859											

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	1	Countywide Bridge/Road Bank Protection Various Roads to Countywide bank protection on various roads and bridges	WA-02926					14	CPSTW		CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	150,000	150,000
S	CN	2024		0		0	450,000	450,000
Totals				0		0	600,000	600,000

Expenditure Schedule						
Phase	1st	2nd	3rd	4th	5th & 6th	
PE	25,000	25,000	25,000	25,000	50,000	
CN	75,000	75,000	75,000	75,000	150,000	
Totals	100,000	100,000	100,000	100,000	200,000	

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
05	1	Garrard Creek Road Scour Repair 91009 - Garrard Creek Rd 2.75 to 2.81 Permanent restoration of the road fill slope	WA-14906					44		0.060	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2024	ER	8,650		0	1,350	10,000
Totals				8,650		0	1,350	10,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	10,000	0	0	0	0
Totals	10,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	1	/ 2021(071) King MP 12.26 Bridge Scour 24017 - King Rd 12.26 to N/A Bridge Scour - excavate, install scour countermeasures, replace abutment fill, and return stream channel back to the center of the bridge span.	WA-13833 08423800					47			DCE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	BR	116,775		0	18,225	135,000
S	RW	2024	BR	10,000		0	1,561	11,561
S	CN	2025	BR	663,685		0	0	663,685
Totals				790,460		0	19,786	810,246

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	135,000	0	0	0	0
RW	11,561	0	0	0	0
CN	0	663,685	0	0	0
Totals	146,561	663,685	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
			G. Structure ID									
07	1	/ 2021(070) Sargent MP 1.33 Bridge Scour 30501 - Sargent Rd 1.33 to N/A Bridge Scour - excavate, install scour countermeasures, and return stream channel to original profile.	WA-13838 08173000					47			DCE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	BR	86,500		0	13,500	100,000
S	RW	2024	BR	10,000		0	1,561	11,561
S	CN	2025	BR	724,500		0	0	724,500
Totals				821,000		0	15,061	836,061

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	100,000	0	0	0	0
RW	11,561	0	0	0	0
CN	0	724,500	0	0	0
Totals	111,561	724,500	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	1	Senn MP 0.89 Bridge Scour 46004 - Senn Road 0.89 to N/A Excavate, install countermeasures, and return stream channel to original profile, and other related work.	WA-14608 07982700					47	P		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	BR	227,146		0	35,451	262,597
S	RW	2025	BR	10,000		0	1,561	11,561
S	CN	2026	BR	891,354		0	0	891,354
Totals				1,128,500		0	37,012	1,165,512

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	262,597	0	0	0	0
RW	0	11,561	0	0	0
CN	0	0	891,354	0	0
Totals	262,597	11,561	891,354	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
06	1	Shorey Road Bank Stabilization 40098 - Shorey Rd 0.598 to 0.618 Permanent restoration - Bank stabilization will include a combination of a continuous bank roughening Large Woody Material (LWM) jams and LWM barbs.	WA-14047					04		0.020	CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	ER	129,750		0	20,250	150,000
S	RW	2024	ER	8,650		0	1,350	10,000
S	CN	2024	ER	1,595,732		0	249,045	1,844,777
Totals				1,734,132		0	270,645	2,004,777

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	150,000	0	0	0	0
RW	10,000	0	0	0	0
CN	1,844,777	0	0	0	0
Totals	2,004,777	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
05	1	Wildwood MP 10.14 Bridge Scour 92004 - Wildwood Road 10.14 to N/A Excavate, install countermeasures, and return stream channel to original profile, and other related work.	WA-14605 08327300					47	P		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	BR	259,214		0	40,455	299,669
S	RW	2025	BR	5,000		0	780	5,780
S	CN	2026	BR	1,031,886		0	0	1,031,886
Totals				1,296,100		0	41,235	1,337,335

Expenditure Schedule						
Phase	1st	2nd	3rd	4th	5th & 6th	
PE	299,669	0	0	0	0	
RW	0	5,780	0	0	0	
CN	0	0	1,031,886	0	0	
Totals	299,669	5,780	1,031,886	0	0	

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Berwick Creek at Labree Fish Passage Project (MP 0.459) 40024 - Labree Rd 0.359 to 0.559 Remove and replace fish barrier culvert, and other related work.	WA-15009					44	C P T	0.200	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	20,000	20,000
S	RW	2026		0		0	41,000	41,000
S	CN	2026	PROTECT	1,168,000	OTHER	257,955	34,045	1,460,000
Totals				1,168,000		257,955	95,045	1,521,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	0	0	0
RW	0	0	41,000	0	0
CN	0	0	1,460,000	0	0
Totals	10,000	10,000	1,501,000	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Berwick Creek at Logan Hill Fish Passage Project (MP 0.103) 40077 - Logan Hill Rd 0.000 to 0.227 Remove and replace fish barrier culvert, stream realignment and restoration, and other related work.	WA-14909					44	C P T	0.230	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	RW	2024		0	OTHER	29,500	180,500	210,000
S	CN	2024	PROTECT	1,430,000	OTHER	357,500	0	1,787,500
Totals				1,430,000		387,000	180,500	1,997,500

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
RW	210,000	0	0	0	0
CN	1,787,500	0	0	0	0
Totals	1,997,500	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	2	Countywide Culvert Replacement Various Roads to Remove and replace barrier culverts, provide stream enhancements for fish passage, and replacement of maintenance culverts.	WA-04989					44	C P T			Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	80,000	80,000
S	RW	2024		0		0	5,000	5,000
Totals				0		0	85,000	85,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	10,000	10,000	20,000
RW	5,000	0	0	0	0
Totals	15,000	10,000	10,000	10,000	20,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Countywide Culvert Replacement - Kruger (MP 1.20) 46032 - Kruger Rd 1.18 to 1.22 Title Category - County Culvert Replacement Replacement of maintenance culvert and other related work	WA-13255					44	C P T	0.040	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2024		0	OTHER	20,000	0	20,000
Totals				0		20,000	0	20,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	20,000	0	0	0	0
Totals	20,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Countywide Culvert Replacement - Lucas Creek (MP 4.24) 46005 - Lucas Creek Rd 4.22 to 4.26 Title Category - Countywide Culvert Replacement Replacement of maintenance culvert and other related work	WA-14907					44	C P T	0.040	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0	OTHER	35,000	0	35,000
S	RW	2024		0		0	25,000	25,000
S	CN	2025		0	OTHER	1,390,448	0	1,390,448
Totals				0		1,425,448	25,000	1,450,448

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	25,000	10,000	0	0	0
RW	25,000	0	0	0	0
CN	0	1,390,448	0	0	0
Totals	50,000	1,400,448	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Countywide Culvert Replacement - Lucas Creek (MP 4.39) 46005 - Lucas Creek Rd 4.37 to 4.41 Title Category - Countywide Culvert Replacement Replacement of maintenance culvert and other related work	WA-14908					44	C P T	0.040	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0	OTHER	35,000	0	35,000
S	RW	2024		0		0	25,000	25,000
S	CN	2025		0	OTHER	1,272,248	0	1,272,248
Totals				0		1,307,248	25,000	1,332,248

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	25,000	10,000	0	0	0
RW	25,000	0	0	0	0
CN	0	1,272,248	0	0	0
Totals	50,000	1,282,248	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Countywide Culvert Replacement - Newaukum Valley (MP 2.366) 40028 - Newaukum Valley Road 2.266 to 2.466 Replacement of maintenance culvert and other related work.	WA-15584					44	C P	0.200	CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	Discretionary	211,564		0	52,891	264,455
Totals				211,564		0	52,891	264,455

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	264,455	0	0	0	0
Totals	264,455	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
05	2	Countywide Culvert Replacement - Spencer (MP 5.38) 57061 - Spencer Rd 5.36 to 5.40 Title Category - County Culvert Replacement Replacement of maintenance culvert and other related work	WA-14910					44	C P	0.040	CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2025		0	OTHER	231,600	0	231,600
Totals				0		231,600	0	231,600

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	231,600	0	0	0
Totals	0	231,600	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Countywide Culvert Replacement - Toledo Salmon Creek (MP 1.195 & 1.201) 50910 - Toledo Salmon Creek Rd 1.195 to 1.201 Replacement of maintenance culverts and other related work	WA-15586					44	C P	0.010	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	20,000	20,000
Totals				0		0	20,000	20,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	20,000	0	0	0	0
Totals	20,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	2	Scammon Creek at Graf Fish Passage Project (MP 1.34) 14001 - Graf Rd 1.24 to 1.44 Remove and replace fish barrier culvert, and other related work.	WA-15010					44	C P T	0.200	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	RW	2024		0		0	59,000	59,000
S	CN	2024	PROTECT	1,308,000		0	0	1,308,000
Totals				1,308,000		0	59,000	1,367,000

Expenditure Schedule						
Phase	1st	2nd	3rd	4th	5th & 6th	
RW	59,000	0	0	0	0	0
CN	1,308,000	0	0	0	0	0
Totals	1,367,000	0	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	3	Federal Forest Road Improvements USFS Roads to Maintenance improvements to access Federal Forest lands.	WA-02927					05	P T		CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	30,000	30,000
S	CN	2024		0		0	570,000	570,000
Totals				0		0	600,000	600,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	5,000	5,000	5,000	5,000	10,000
CN	95,000	95,000	95,000	95,000	190,000
Totals	100,000	100,000	100,000	100,000	200,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	4	FEMA Repair Projects Various Countywide to Countywide FEMA repair projects - facilities damaged by disaster events	WA-14046					04	P T W		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	FEMA	851,250	OTHER	141,875	141,875	1,135,000
S	RW	2024	FEMA	142,500	OTHER	23,750	23,750	190,000
S	CN	2024	FEMA	12,403,664	OTHER	2,067,277	2,067,277	16,538,218
Totals				13,397,414		2,232,902	2,232,902	17,863,218

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	310,000	320,000	10,000	0	0
RW	40,000	125,000	0	0	0
CN	2,075,000	5,917,119	7,689,850	0	0
Totals	2,425,000	6,362,119	7,699,850	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
05	5	Preventative Bridge Maintenance 37100 & 91013 Various to Various Deck overlay and patch concrete girders, and other related work. Preventative Maintenance - Hining Rd MP 0.23, #08444600, Galvin Rd MP 1.23, #08605200, & Galvin Rd MP 1.55, #07984700.	WA-14607 see description					47	P		CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	BR	684,250		0	0	684,250
S	CN	2026	BR	4,307,150		0	0	4,307,150
Totals				4,991,400		0	0	4,991,400

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	400,000	284,250	0	0	0
CN	0	0	4,307,150	0	0
Totals	400,000	284,250	4,307,150	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	6	Ceres Hill MP 0.79 Bridge Retrofit 28001 - Ceres Hill Rd 0.79 to N/A Flexure and shear deficiency repair	WA-14916 08309300					14	C P T W		CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2024	BR	457,547		0	71,409	528,956
P	CN	2026	BR	3,423,617		0	0	3,423,617
Totals				3,881,164		0	71,409	3,952,573

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	300,000	228,956	0	0	0
CN	0	0	3,000,000	423,617	0
Totals	300,000	228,956	3,000,000	423,617	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	7	Countywide 3R Program Various Roads to Countywide preservation activities including: CTB, thin lifts of HMA, BST, pavement markers, and shoulder rock on various roads.	WA-02726					06	P T W		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	260,000	260,000
S	RW	2024		0		0	15,000	15,000
S	CN	2024		0	CRAB	3,088,626	2,261,374	5,350,000
Totals				0		3,088,626	2,536,374	5,625,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	60,000	40,000	40,000	40,000	80,000
RW	5,000	2,000	2,000	2,000	4,000
CN	2,600,000	550,000	550,000	550,000	1,100,000
Totals	2,665,000	592,000	592,000	592,000	1,184,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	8	Countywide Paths & Trails Various Locations to Construction and preservation of paths & trails at various locations.	WA-10775					28	P T		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	20,000	20,000
S	RW	2024		0		0	15,000	15,000
S	CN	2024		0		0	90,000	90,000
Totals				0		0	125,000	125,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	5,000	3,000	3,000	3,000	6,000
RW	5,000	2,000	2,000	2,000	4,000
CN	15,000	15,000	15,000	15,000	30,000
Totals	25,000	20,000	20,000	20,000	40,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	8	Countywide Paths & Trails - Swofford Pedestrian Improvements Swofford Rd & Green Mt. Rd to Construction of bike and pedestrian facilities.	WA-10776					28	P T W		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	10,000	10,000
S	RW	2024		0		0	10,000	10,000
S	CN	2024		0		0	110,000	110,000
Totals				0		0	130,000	130,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	0	0	0	0
RW	10,000	0	0	0	0
CN	110,000	0	0	0	0
Totals	130,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	9	Countywide Emergent Construction Projects Various Roads to Design and construction of emergent construction projects, and other related work.	WA-10777					06	P T W			Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	300,000	300,000
S	RW	2024		0		0	60,000	60,000
S	CN	2024		0		0	1,440,000	1,440,000
Totals				0		0	1,800,000	1,800,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	50,000	50,000	50,000	50,000	100,000
RW	10,000	10,000	10,000	10,000	20,000
CN	240,000	240,000	240,000	240,000	480,000
Totals	300,000	300,000	300,000	300,000	600,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	10	Countywide Misc. Safety & Guardrail Various Roads to Perform various safety projects as needed and install guardrail at necessary locations.	WA-02925					21	P T W		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	270,000	270,000
S	RW	2024		0		0	30,000	30,000
S	CN	2024		0		0	1,500,000	1,500,000
Totals				0		0	1,800,000	1,800,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	45,000	45,000	45,000	45,000	90,000
RW	5,000	5,000	5,000	5,000	10,000
CN	250,000	250,000	250,000	250,000	500,000
Totals	300,000	300,000	300,000	300,000	600,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	11	2021 County Safety Program Various Roads Countywide to Countywide Upgrade signs, improve clear zone, flatten slopes, add/upgrade barriers, widen shoulders, remove/modify fixed objects, and reduce pavement edge drop-offs.	WA-14048					21	C P T W		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2024	HSIP	20,000		0	0	20,000
Totals				20,000		0	0	20,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	20,000	0	0	0	0
Totals	20,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	12	/ 2021(073) Railroad Switch Upgrades N/A to N/A Upgrade two manual railroad turnouts on the Washington Royal Line to Dual-Tone, Multi-Frequency (DTMF) power switches at the Blakeslee Junction rail crossing where it intersects Reynolds Avenue.	WA-14420					22			CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2024	NHFP	108,125		0	16,875	125,000
Totals				108,125		0	16,875	125,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	125,000	0	0	0	0
Totals	125,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	13	/ 2021(072) Railroad Track Extension & Road Crossing Closure N/A to N/A Extend Puget Sound & Pacific (PSAP) yard tracks 1 and 2 by 2,300' providing for the minimum capacity of over 6,000' of storage on each track. Closure of Foron Road railroad crossing with roadway cul-de-sacs placed on both sides of the tracks.	WA-14423					22			CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	NHFP	86,500		0	13,500	100,000
S	RW	2024		0		0	5,000	5,000
S	CN	2024	NHFP	1,440,750	MAW	304,000	255,250	2,000,000
Totals				1,527,250		304,000	273,750	2,105,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	100,000	0	0	0	0
RW	5,000	0	0	0	0
CN	2,000,000	0	0	0	0
Totals	2,105,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
04	14	Jackson Hwy Turn Lanes 94000 - Jackson Hwy 2.199 to 2.80 Add turn lanes on Jackson Hwy at Rush Road	WA-14911					01	C P T	0.600	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	20,000	20,000
S	RW	2024		0		0	5,000	5,000
S	CN	2024		0		0	100,000	100,000
Totals				0		0	125,000	125,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	20,000	0	0	0	0
RW	5,000	0	0	0	0
CN	100,000	0	0	0	0
Totals	125,000	0	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	15	Wigley Road Improvements 17912 - Wigley Rd 0.720 to 1.033 Improve by grading, preleveling with HMA, horizontal and vertical alignments will be improved, and other related work.	CRP-2155					03	C P T	0.310	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	10,000	10,000
S	RW	2024		0		0	5,000	5,000
S	CN	2025		0		0	300,000	300,000
Totals				0		0	315,000	315,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	5,000	5,000	0	0	0
RW	5,000	0	0	0	0
CN	0	300,000	0	0	0
Totals	10,000	305,000	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
06	16	Barnes Drive Overlay 50130 - Barnes Dr 0.00 to 0.436 Pavement repair, minor widening, and overlaid with a paved surface.	WA-14917					05		0.440	CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2024		0	CRAB	103,500	11,500	115,000
P	CN	2025		0	CRAB	990,000	110,000	1,100,000
Totals				0		1,093,500	121,500	1,215,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	115,000	0	0	0	0
CN	0	1,100,000	0	0	0
Totals	115,000	1,100,000	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	17	2023 County Safety Program Various Roads Countywide to Countywide Upgrade signs, improve clear zone, flatten slopes, add/upgrade barriers, widen shoulders, remove/modify fixed objects, and reduce pavement edge drop-offs.	WA-15571					21	C P T W		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	HSIP	220,000		0	0	220,000
S	CN	2024	HSIP	1,980,000		0	0	1,980,000
Totals				2,200,000		0	0	2,200,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	220,000	0	0	0	0
CN	900,000	1,080,000	0	0	0
Totals	1,120,000	1,080,000	0	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
05	18	/ H210(008) Centralia Alpha Road Improvements 94001 - Centralia Alpha Rd 10.600 to 11.85 Slope stabilization, intersection improvements, roadway widening, resurfacing with hot mix asphalt, guardrail, and other related work.	WA-06389					03	C P T W	1.250	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2024	STBG(R)	5,428,965	CRAB	1,400,000	0	6,828,965
Totals				5,428,965		1,400,000	0	6,828,965

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
CN	4,000,000	2,276,260	552,705	0	0
Totals	4,000,000	2,276,260	552,705	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	19	Davison Road MP 0.01 Bridge Rehabilitation 68060 - Davison Road 0.01 to N/A Replace deck, stiffen bottom chords, paint steel elements, and other related work.	WA-14604 08442700					14	P		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	BR	417,430		0	65,148	482,578
S	RW	2025	BR	2,000		0	312	2,312
S	CN	2026	BR	1,667,770		0	0	1,667,770
Totals				2,087,200		0	65,460	2,152,660

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	300,000	182,578	0	0	0
RW	0	2,312	0	0	0
CN	0	0	1,667,770	0	0
Totals	300,000	184,890	1,667,770	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
08	20	Swofford Road Rehabilitation 62850 - Swofford Rd 0.000 to 1.777 Improve by grading, preleveling with asphalt class A, horizontal and vertical alignments will be improved, intersection realignment, and other related work.	CRP-2137					03	P T	1.780	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	20,000	20,000
S	RW	2024		0		0	5,000	5,000
S	CN	2026		0		0	750,000	750,000
Totals				0		0	775,000	775,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	0	0	0
RW	5,000	0	0	0	0
CN	0	0	750,000	0	0
Totals	15,000	10,000	750,000	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
16	21	Rush Road Improvements 94006 - Rush Rd 2.600 to 3.164 Major widening, possible curb and gutter, sidewalks, base stabilization, HMA, and other related work.	CRP-2153					03	C G P S T W	0.560	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	130,000	130,000
P	RW	2025		0		0	150,000	150,000
P	CN	2026		0		0	2,400,000	2,400,000
Totals				0		0	2,680,000	2,680,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	5,000	75,000	50,000	0	0
RW	0	100,000	50,000	0	0
CN	0	0	2,400,000	0	0
Totals	5,000	175,000	2,500,000	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	22	Boyd Road Rehabilitation 61451 - Boyd Rd 0.000 to 1.140 Vertical and horizontal improvements, base stabilization, BST, and other related work.	CRP-2151					06	C P T	1.140	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	80,000	80,000
P	RW	2026		0		0	50,000	50,000
P	CN	2026		0		0	350,000	350,000
Totals				0		0	480,000	480,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	60,000	0	0
RW	0	0	50,000	0	0
CN	0	0	350,000	0	0
Totals	10,000	10,000	460,000	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	23	Isbell Road Rehabilitation 61450 - Isbell Rd 0.000 to 1.410 Vertical and horizontal improvements, base stabilization, BST, and other related work.	CRP-2152					06	C P T	1.410	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	80,000	80,000
P	RW	2026		0		0	50,000	50,000
P	CN	2026		0		0	350,000	350,000
Totals				0		0	480,000	480,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	60,000	0	0
RW	0	0	50,000	0	0
CN	0	0	350,000	0	0
Totals	10,000	10,000	460,000	0	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
04	24	Harrison Avenue Improvements 91000 - Harrison Avenue 0.570 to 2.717 Improvements including: widening of the roadway, sidewalks, street lights, storm water, and other related work.	WA-13259					03	C G P S T W	2.150	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	STBG(US)	216,250		0	33,750	250,000
S	PE	2025	STBG(US)	216,250		0	33,750	250,000
S	PE	2026	STBG(US)	216,250		0	33,750	250,000
S	PE	2027	STBG(US)	216,250		0	33,750	250,000
Totals				865,000		0	135,000	1,000,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	250,000	250,000	250,000	250,000	0
Totals	250,000	250,000	250,000	250,000	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
05	25	Skate Creek North Bridge Scour 79908 - Skate Creek Rd N 0.91 to 1.00 Bridge and road scour protection, and other related work.	WA-14049					14		0.090	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024	WFL	267,370		0	41,728	309,098
S	RW	2027		0		0	10,000	10,000
S	CN	2029	WFL	2,685,891		0	419,185	3,105,076
Totals				2,953,261		0	470,913	3,424,174

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	130,000	50,000	129,098	0	0
RW	0	0	0	10,000	0
CN	0	0	0	0	3,105,076
Totals	130,000	50,000	129,098	10,000	3,105,076

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
00	26	North County Industrial Access N/A to N/A Finalize regional design efforts for a direct industrial ingress/egress arterial two-lane, two-way truck route from Interstate 5 to North Lewis County industrial properties.	WA-07344					15	C P T W		CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0	CWA	2,500,000	0	2,500,000
P	PE	2025		0	OTHER	3,500,000	0	3,500,000
P	RW	2026		0	OTHER	2,000,000	0	2,000,000
P	CN	2026		0	OTHER	26,000,000	0	26,000,000
Totals				0		34,000,000	0	34,000,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	2,500,000	1,500,000	1,000,000	1,000,000	0
RW	0	0	1,000,000	1,000,000	0
CN	0	0	3,000,000	3,000,000	20,000,000
Totals	2,500,000	1,500,000	5,000,000	5,000,000	20,000,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	27	Westside Connector To be determined to To be determined New bridge and roadways to provide a westside connection over the Chehalis River	WA-14050					08	C P T W		CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2024		0		0	10,000	10,000
P	PE	2024	Discretionary	432,500		0	67,500	500,000
P	RW	2026	Discretionary	216,250		0	33,750	250,000
P	CN	2028	Discretionary	3,667,600		0	572,400	4,240,000
Totals				4,316,350		0	683,650	5,000,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	50,000	200,000	200,000	50,000
RW	0	0	100,000	100,000	50,000
CN	0	0	0	0	4,240,000
Totals	10,000	50,000	300,000	300,000	4,340,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
04	28	Reynolds Road Improvements 91011 - Reynolds Avenue 0.099 to 0.993 Improvements include widening of the roadway, sidewalks, street lights, storm water, and other related work.	WA-13256					03	C P S T W	0.890	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2028		0	TIB	75,000	25,000	100,000
P	RW	2028		0	TIB	75,000	25,000	100,000
P	CN	2029		0	TIB	1,500,000	500,000	2,000,000
Totals				0		1,650,000	550,000	2,200,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	0	100,000
RW	0	0	0	0	100,000
CN	0	0	0	0	2,000,000
Totals	0	0	0	0	2,200,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	29	Avery Road West Improvements 30081 - Avery Rd W 0.090 to 2.700 Base stabilization and roadway widening for anticipated industrial commercial traffic, and other related work.	WA-02952					03	C G P T	2.610	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2026	STP(R)	164,000		0	26,000	190,000
P	RW	2026	STP(R)	21,000		0	4,000	25,000
P	CN	2027	STP(R)	433,000		0	67,000	500,000
Totals				618,000		0	97,000	715,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	180,000	10,000	0
RW	0	0	20,000	5,000	0
CN	0	0	0	500,000	0
Totals	0	0	200,000	515,000	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
05	30	Tucker Road Improvements 95003 - Tucker Rd 0.000 to 5.549 Improvements include widening to current standards, create shoulders, remove obstacles from the clear-zone, ditches, storm water, paved surfacing, and other related work.	WA-02954					03	C P T	5.550	CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2026		0	CRAB	257,000	28,000	285,000
P	RW	2026		0	CRAB	257,000	28,000	285,000
P	CN	2027		0	CRAB	2,051,000	229,000	2,280,000
Totals				0		2,565,000	285,000	2,850,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	100,000	185,000	0
RW	0	0	100,000	185,000	0
CN	0	0	0	2,280,000	0
Totals	0	0	200,000	2,650,000	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	31	Avery Road West/North Military Road Intersection 30081 - Avery Rd W & 30062 - N Military Rd 0.430 to 0.470 Intersection improvements and signalization, and other related work.	WA-02955					03	C P T	0.040	CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2027		0		0	20,000	20,000
P	CN	2028		0		0	50,000	50,000
Totals				0		0	70,000	70,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	20,000	0
CN	0	0	0	0	50,000
Totals	0	0	0	20,000	50,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
09	32	Teitzel Road Bridge Approach Repair 17381 - Teitzel Rd 0.700 to 0.990 Reconstruct bridge approaches and other related work.	WA-02993					04	C P T	0.290	CE	No

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2028		0		0	30,000	30,000
P	CN	2028		0		0	170,000	170,000
Totals				0		0	200,000	200,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	0	30,000
CN	0	0	0	0	170,000
Totals	0	0	0	0	200,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
19	33	Gallagher Road Extension 11004 - Gallagher Rd 0.000 to 0.970 Construct new urban roadway to Harrison Ave., curb, gutter, sidewalks, illumination, and other related work.	WA-02994					01	C G P S T W	0.970	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2028	Discretionary	50,000	OTHER	50,000	0	100,000
P	RW	2028	Discretionary	15,000	OTHER	15,000	0	30,000
P	CN	2028	Discretionary	485,000	OTHER	485,000	0	970,000
Totals				550,000		550,000	0	1,100,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	100,000	0
RW	0	0	0	30,000	0
CN	0	0	0	970,000	0
Totals	0	0	0	1,100,000	0

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
19	34	Downie Road Extension 40150 - Downie Rd 0.000 to Construct new urban road to Maurin Rd., base stabilization, HMA, and other related work.	WA-02998					01	C G P S T W	0.380	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2028	Discretionary	50,000	OTHER	50,000	0	100,000
P	RW	2028	Discretionary	10,000	OTHER	10,000	0	20,000
P	CN	2028	Discretionary	540,000	OTHER	540,000	0	1,080,000
Totals				600,000		600,000	0	1,200,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	0	100,000
RW	0	0	0	0	20,000
CN	0	0	0	0	1,080,000
Totals	0	0	0	0	1,200,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	35	Highway 603 (4) Rehabilitation 93006 - Hwy 603 10.900 to 11.700 Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.	WA-03004					04	C P T	0.800	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2028		0	CRAB	108,000	12,000	120,000
P	RW	2028		0		0	40,000	40,000
P	CN	2029		0	CRAB	892,000	59,000	951,000
Totals				0		1,000,000	111,000	1,111,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	0	120,000
RW	0	0	0	0	40,000
CN	0	0	0	0	951,000
Totals	0	0	0	0	1,111,000

Six Year Transportation Improvement Program From 2024 to 2029

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
07	36	SR 505 Corridor Improvements. SR 505 Mainline 2.180 to 5.500 Corridor improvements including truck climbing lane, intersection improvements, traffic signals, and other related work.	WA-05043					03	C G P S T W	3.320	CE	Yes

Funding								
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2027		0	OTHER	511,000	511,000	1,022,000
P	RW	2029		0	OTHER	37,500	37,500	75,000
P	CN	2028		0	OTHER	895,500	895,500	1,791,000
Totals				0		1,444,000	1,444,000	2,888,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	225,000	797,000
RW	0	0	0	0	75,000
CN	0	0	0	0	1,791,000
Totals	0	0	0	225,000	2,663,000

	Federal Funds	State Funds	Local Funds	Total Funds
Grand Totals for Lewis Co.	53,440,535	53,557,279	20,202,358	127,200,172

**Lewis County
Department of Public Works
Engineering Division**

**FUNDED PROJECTS
SUMMARY SHEETS**

**Six Year
Transportation
Improvement
Program
2024 - 2029**

**SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM
PROJECT SUMMARY SHEETS LEGEND**

<u>Name of Project</u>	<u>Priority Number</u>
Countywide Bridge/Road Bank Protection	1
Countywide Culvert Replacement	2
Federal Forest Road Improvements	3
FEMA Repair Projects	4
Preventative Bridge Maintenance	5
Ceres Hill Bridge #102 Retrofit	6
Countywide 3R Program	7
Countywide Paths & Trails	8
Countywide Emergent Construction Projects	9
Countywide Misc. Safety & Guardrail	10
2021 County Safety Program	11
Railroad Switch Upgrades	12
Railroad Track Extension & Road Crossing Closure	13
Jackson Hwy Turn Lanes	14
Wigley Road Improvements	15
Barnes Dr Overlay	16
2023 County Safety Program	17
Centralia Alpha Road Improvements	18
Davison Road Bridge Rehabilitation	19
Swofford Road Rehabilitation	20
Rush Road Improvements	21
Boyd Road Rehabilitation	22
Isbell Road Rehabilitation	23
Harrison Avenue Improvements	24
Skate Creek North Bridge Scour	25
North County Industrial Access	26
Westside Connector	27
Reynolds Avenue Improvements	28
Avery Road West Improvements	29
Tucker Road Widening	30
Avery Road West/North Military Road Intersection	31
Teitzel Road Bridge Approach Repair	32
Gallagher Road Extension	33
Downie Road Extension	34
Highway 603 (4) Rehabilitation	35
SR 505 Corridor Improvements	36

PRIORITY NO. 1: COUNTYWIDE BRIDGE/ROAD BANK PROTECTION



Shorey Road Bank Stabilization

Road Number: Various
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2024-2029
ROW: 2024-2029
CONS: 2024-2029

Existing Conditions:

Proposed Conditions:

Lane Widths:

Lane Widths:

Shoulder Widths:

Shoulder Widths

Traffic Count:

3 year accident History:

Property:

Injuries:

Fatalities:

Basis for Project: Countywide bank protection on various roads and bridges.

Proposed Sites:

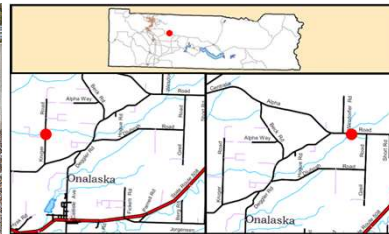
- King MP 12.26 Bridge Scour
- Sargent MP 1.33 Bridge Scour
- Senn MP 0.89 Bridge Scour
- Wildwood MP 10.14 Bridge Scour
- Garrard Creek Scour Repair (MP 2.75-2.81)
- Shorey Bank Stabilization (MP 0.598 - 0.618)

Non-Capital Improvement Projects

Funding:

Local: \$985,089 (6 yr.)/\$271,995 – 2024
BRAC: \$4,036,060 (6 yr.)/\$709,635 – 2024
ER: \$1,742,782 (6 yr.)/\$1,742,782 – 2024
Total Funding: \$6,763,931

**PRIORITY NO. 2: COUNTYWIDE CULVERT REPLACEMENT
Fish Passage and County Maintenance**



Snyder Road Culvert

Road Number: Various
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2024-2029
ROW: 2024
CONS: 2024-2025

Existing Conditions:

Proposed Conditions:

Lane Widths:

Lane Widths:

Shoulder Widths:

Shoulder Widths

Traffic Count:

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Basis for Project: Countywide removal and replacement of barrier culverts, provide stream enhancements for fish passage, and replacement of maintenance culverts.

Non-Capital Improvement Projects

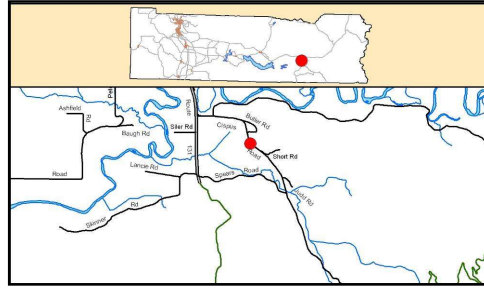
Proposed Sites:

- Lucas Creek Road MP 4.24
- Graf Road, MP 1.34
- Lucas Creek Road MP 4.39
- Kruger Road, MP 1.20
- Newaukum Valley Road, MP 2.366
- Labree Road, MP 0.459
- Spencer Road, MP 5.38
- Logan Hill Road MP 0.103
- Toledo Salmon Creek Road, MP 1.20

Funding:

Local: \$542,436 (6 yr.)/\$407,391 – 2024
Fed/State: \$7,746,815 (6 yr.)/\$3,406,564 – 2024
FBRB = Fish Barrier Removal Board, SRFB = Salmon Recovery Funding Board, PROTECT = Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation Program, AOP = Culvert Aquatic Organism Passage
Total Funding: \$8,289,251

PRIORITY NO. 3: FEDERAL FOREST ROAD IMPROVEMENTS



Road Number:
TIP Ranking:
Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:
Existing Conditions:
Lane Widths:
Shoulder Widths:
Traffic Count:
3 year accident History:
Property:
Injuries:
Fatalities:
Basis for Project: Maintenance improvements to access Federal Forest lands.

Project Timeline:
 PE: 2024-2029
 ROW:
 CONS: 2024-2029
Proposed Conditions:
Lane Widths:
Shoulder Widths:

Proposed Projects:
 -Covel Creek Culvert
 (Pending Forest Service Right-of-way Acquisition)
 -Pavement Repair/Preservation on Federal Forest Roads

Non-Capital Improvement Projects

Funding:
 Local: \$600,000 (6 yr.)/\$100,000 – 2024
 Total Funding: \$600,000

PRIORITY NO. 4: FEMA REPAIR PROJECTS



Road Number:
TIP Ranking:
Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:
Existing Conditions:
Lane Widths:
Shoulder Widths:
Traffic Count:
3 year accident History:
Property:
Injuries:
Fatalities:
Basis for Project: Emergency repair projects on various roads caused by declared natural disasters.

Project Timeline:
 PE: 2024-2027
 ROW: 2024-2026
 CONS: 2024-2027
Proposed Conditions:
Lane Widths:
Shoulder Widths:

Proposed Projects:
 -Rogers Road -Brim Road
 -Carr Road -Burnett Road
 -Rosebrook Road -Meade Hill Road
 -Jones Road -Independence Road
 -Spencer Road -Evans Road

Non-Capital Improvement Projects

Funding:
 Local: \$2,232,902 (6 yr.)/\$134,531 – 2024
 DEM: \$2,232,902 (6 yr.)/\$134,531 – 2024
 FEMA: \$13,397,414 (6 yr.)/\$807,188 – 2024
 Total Funding: \$17,863,219

PRIORITY NO. 5: PREVENTATIVE BRIDGE MAINTENANCE



Hining Road MP 0.23



Galvin Road MP 1.23



Galvin Road MP 1.55

Road Number: Various	
TIP Ranking:	
Priority Array Score:	Project Timeline:
Beginning Milepost:	PE: 2024-2025
Ending Milepost:	ROW:
Total Mileage:	CONS: 2024-2026
Existing Conditions:	Proposed Conditions:
Lane Widths:	Lane Widths:
Shoulder Widths:	Shoulder Widths:
Traffic Count:	
3 year accident History:	
<i>Property:</i>	
<i>Injuries:</i>	
<i>Fatalities:</i>	
Basis for Project: Rusting and exposed rebar due to spalling & failing concrete patches. Bridges are in need of a thin deck concrete overlay due to deterioration of the decks.	

Proposed Sites:

- Hining Road MP 0.23
- Galvin Road MP 1.23
- Galvin Road MP 1.55

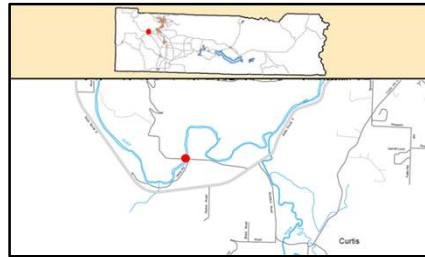
Non-Capital Improvement Projects

Funding:

BRAC: \$4,991,400 (6 yr.)/\$400,000 – 2024

Total Funding: \$ 4,991,400

PRIORITY NO. 6: CERES HILL BRIDGE RETROFIT



Road Number: 28001	
TIP Ranking:	
Priority Array Score:	Project Timeline:
Beginning Milepost:	PE: 2024-2025
Ending Milepost:	ROW:
Total Mileage:	CONS: 2026-2027
Existing Conditions:	Proposed Conditions:
Lane Widths: 12	Lane Widths:
Shoulder Widths:	Shoulder Widths:
Traffic Count: 144	
3 year accident History:	
<i>Property:</i>	
<i>Injuries:</i>	
<i>Fatalities:</i>	
Basis for Project: Bridge replacement.	

Funding:

Local: \$71,409 (6 yr.)/\$40,500 – 2024

BRAC: \$3,881,164 (6 yr.)/\$259,500 – 2024

Total Funding: \$3,952,573

PRIORITY NO. 7: COUNTYWIDE 3R PROGRAM



Proposed 2024:

Chip Seal

Alpine Dr
Alta Ln
Aylesworth
Baker Dr
Berg
Beville
Bluff Mt Way W
Brown E
Cannon
Cedar St
Cispus Dr
Clinton
Cook
Craig
Donahoe
Doty Dryad
Fay
Firwood Dr N
Fowler
Front St
Gleason
Greenhorn

Hadaller
Haskins
Hurd
island View Dr
John St
Johnson
King
Kirkland
Koons
Kruger
Lake Dr
Lake Terrace Dr
Lakeside Dr
Lakewood Dr
Lakewood Pl
Little Hanaford
Longbell
Lusk
McClure
McKinley Ave
Mead Hill
Mineral Creek
Mineral Hill
Murray

Osborne
Owen
Perkins
Pleasant Valley
Proffitt
Ramsaur
Rarey
Reinke
Ryan
Salmon Creek
Salzer
Seminary Hill
Shady Dr
Sherwood Ave
Sliverbrook
Spoonier
Stevens
Streamside Dr
Tanglewood Dr
Telegraph
Tryon
Uden
Wallace
Winston Creek

Cement Treated Base

Anderson
Baugh
Bennett
Blue
Bremgartner
Camus
Cline
Dluhosh
Evans
Falls
Fircrest
Hadaller
Hamilton
Howe
Joppish
Kahout

Hot Mix Asphalt

County Bridge
Approach Repairs

Road Number:
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2024-2029
ROW: 2024-2029
CONS: 2024-2029

Existing Conditions:

Proposed Conditions:

Lane Widths:
Shoulder Widths
Traffic Count:
3 year accident History:
Property:
Injuries:
Fatalities:

Lane Widths:
Shoulder Widths

Basis for Project: Yearly Program – Base stabilization, chip-sealing, and hot mix asphalt overlays.

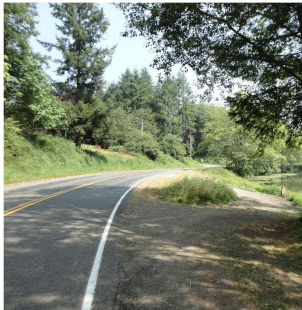
Funding:

Local: \$2,536,374 (6 yr.)/\$2,150,229 – 2024

CAPP: \$3,088,626 (6 yr.)/\$514,771 – 2024

Total Funding: \$5,625,000

PRIORITY NO. 8: COUNTYWIDE PATHS & TRAILS



Road Number: Various

TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2024-2029
ROW: 2024-2029
CONS: 2024-2029

Existing Conditions:

Proposed Conditions:

Lane Widths:
Shoulder Widths
Traffic Count:
3 year accident History:
Property:
Injuries:
Fatalities:

Lane Widths:
Shoulder Widths

Basis for Project: Countywide design, maintenance, and construction of trails and pathways.

Proposed Sites:

Swofford Pedestrian Improvements
Maintaining Existing Trails
Mineral Sidewalks

47.30.050

Expenditures for paths and trails—Minimum amount.

(1) The amount expended by a city, town, or county as authorized by RCW 47.30.030 shall never in any one fiscal year be less than 0.42 percent of the total amount of funds received from the motor vehicle fund.

Funding:

Local: \$255,000 (6 yr.)/\$155,000 - 2024

Total Funding: \$255,000

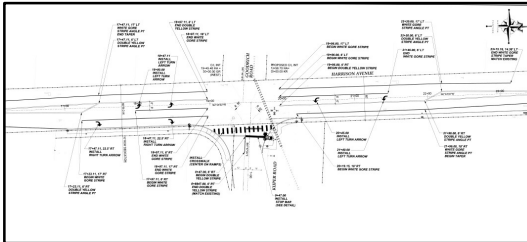
PRIORITY NO. 9: COUNTYWIDE EMERGENT CONSTRUCTION PROJECTS



Road Number: Various
 TIP Ranking:
 Priority Array Score:
 Beginning Milepost:
 Ending Milepost:
 Total Mileage:
 Existing Conditions:
 Lane Widths:
 Shoulder Widths:
 Traffic Count:
 3 year accident History:
 Property:
 Injuries:
 Fatalities:
 Basis for Project: Countywide projects that are necessitated by sudden and unanticipated development, growth, access needs, or legal decisions.

Project Timeline:
 PE: 2024-2029
 ROW: 2024-2029
 CONS: 2024-2029

Funding:
 Local: \$1,800,000 (6 yr.)/\$300,000 - 2024
 Total Funding: \$1,800,000



PRIORITY NO. 10: COUNTYWIDE MISC SAFETY & GUARDRAIL



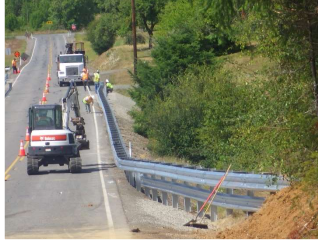
Road Number: Various
 TIP Ranking:
 Priority Array Score:
 Beginning Milepost:
 Ending Milepost:
 Total Mileage:
 Existing Conditions:
 Lane Widths:
 Shoulder Widths:
 Traffic Count:
 3 year accident History:
 Property:
 Injuries:
 Fatalities:
 Basis for Project: Yearly program – Perform various safety projects as needed and install guardrail at necessary locations.

Project Timeline:
 PE: 2024-2029
 ROW: 2024-2029
 CONS: 2024-2029

- Proposed 2024 Guardrail Sites:**
- Accident Repair
 - Storm Damage Repair
- Proposed 2024 Safety:**
- Recessed Pavement Marker Replacements
 - Flexible Guideposts
 - Intersection Safety Improvements
 - Right-of-way Purchase
 - Slope Flattening

Funding:
 Local: \$1,800,000 (6 yr.)/\$300,000 - 2024
 Total Funding: \$1,800,000

PRIORITY NO. 11: 2021 COUNTY SAFETY IMPROVEMENT PROGRAM



Road Number: Various Roads
TIP Ranking:

Priority Array Score: **Project Timeline:**
Beginning Milepost: PE:
Ending Milepost: ROW:
Total Mileage: CONS: 2024

Existing Conditions: **Proposed Conditions:**

Lane Widths: **Lane Widths:**
Shoulder Widths: **Shoulder Widths**

Traffic Count:
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Safety improvements on roadways identified in the County's Local Road Safety Plan.



Proposed Roads:
 Centralia Alpha Road
 Independence Road
 Swofford Road

Funding:
 Local: \$0 (6 yr.)/\$0 - 2024
 HSIP: \$20,000 (6 yr.)/\$20,000 - 2024
Total Funding: \$20,000

PRIORITY NO. 12: RAILROAD SWITCH UPGRADES



City of Centralia is a partner on this project and will provide 50% of the local matching requirement.

Road Number: N/A
TIP Ranking:

Priority Array Score: **Project Timeline:**
Beginning Milepost: PE:
Ending Milepost: ROW:
Total Mileage: CONS: 2024

Existing Conditions: **Proposed Conditions:**

Lane Widths: **Lane Widths:**
Shoulder Widths: **Shoulder Widths**

Traffic Count:
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Project will upgrade two manual railroad turnouts on the WRL to Dual-Tone, Multi-Frequency power switches.

Funding:
 Local: \$16,8758 (6 yr.)/\$16,875 - 2024
 NHFP: \$108,125 (6 yr.)/\$108,125 - 2024
Total Funding: \$125,000

PRIORITY NO. 13: RAILROAD TRACK EXTENSIONS & ROAD CROSSING CLOSURE



City of Centralia is a partner on this project and will provide 50% of the local matching requirement.

Road Number: 12000
 TIP Ranking:

Priority Array Score: **Project Timeline:**
 Beginning Milepost: 0.797 PE: 2024
 Ending Milepost: ROW: 2024
 Total Mileage: CONS: 2024

Existing Conditions: Proposed Conditions:

Lane Widths: 11 Lane Widths:
 Shoulder Widths: 1 Shoulder Widths:
 Traffic Count:
 3 year accident History:

Property: 0
 Injuries: 0
 Fatalities: 0

Basis for Project: Extend Puget Sound & Pacific (PSAP) yard tracks 1 and 2 by 2,300', and closure of Foron Road railroad crossing (092559P @ MP 3.53) with roadway cul-de-sacs or hammerheads placed on both sides of the tracks

Funding:
 Local: \$273,750 (6 yr.)/\$273,750 – 2024
 NHFP: \$1,527,250 (6 yr.)/\$1,527,250 – 2024
 MAW: \$304,000 (6 yr.)/\$304,000 – 2024
 Total Funding: \$2,105,000

PRIORITY NO. 14: JACKSON HWY TURN LANE



Road Number: 94000
 TIP Ranking:

Priority Array Score: **Project Timeline:**
 Beginning Milepost: 2.20 PE:
 Ending Milepost: 2.80 ROW:
 Total Mileage: 0.60 CONS: 2024

Existing Conditions: Proposed Conditions:

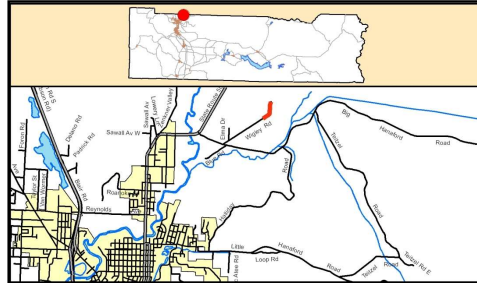
Lane Widths: 11 Lane Widths:
 Shoulder Widths: 7 Shoulder Widths:
 Traffic Count: 4,700
 3 year accident History:

Property: 2
 Injuries: 1
 Fatalities: 0

Basis for Project: Add left-turn lane on Jackson Hwy to Rush Road, and add two-way left-turn lane along developer site frontage.

Funding:
 Local: \$0
 Other Local: \$125,000 (6 yr.)/\$125,000 – 2024
 Total Funding: \$125,000

PRIORITY NO. 15: WIGLEY ROAD IMPROVEMENTS



Road Number: 17912
TIP Ranking:

Priority Array Score: **Project Timeline:**
Beginning Milepost: .72 PE: 2024-2025
Ending Milepost: 1.03 ROW: 2024
Total Mileage: .31 CONS: 2024

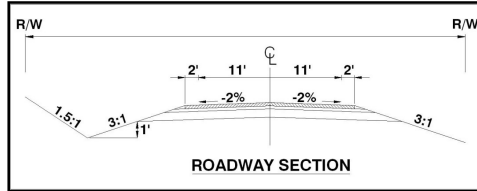
Existing Conditions: **Proposed Conditions:**

(1) Lane Width: 13 **Lane Widths:** 11
Shoulder Widths: **Shoulder Widths:** 2
Traffic Count: 29

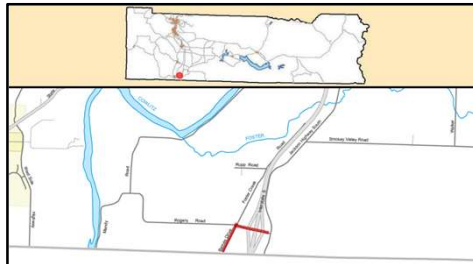
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Improve by grading, pre-leveling with HMA, horizontal and vertical alignments will be improved, install pavement markings, and other related work.

Funding:
Local: \$315,000 (6 yr.)/\$10,000 - 2024
Total Funding: \$315,000



PRIORITY NO. 16: BARNES DRIVE OVERLAY



Road Number: 50130
TIP Ranking:

Priority Array Score: **Project Timeline:**
Beginning Milepost: PE: 2024
Ending Milepost: ROW:
Total Mileage: CONS: 2025

Existing Conditions: **Proposed Conditions:**

Lane Widths: 8.5 **Lane Widths:** 9
Shoulder Widths: **Shoulder Widths:**
Traffic Count: 7

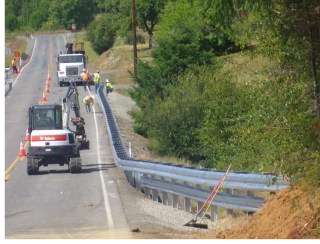
3 year accident History:
Property:
Injuries:
Fatalities:

Basis for Project: Bridge replacement.



Funding:
RAP: \$1,093,000 (6 yr.)/\$103,500 – 2024
Local: \$121,500 (6 yr.)/\$11,500 – 2024
Total Funding: \$1,215,000

PRIORITY NO. 17: 2023 COUNTY SAFETY IMPROVEMENT PROGRAM



Road Number: Various Roads
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2024
ROW:
CONS: 2024-2025

Existing Conditions:

Proposed Conditions:

Lane Widths:
Shoulder Widths:
Traffic Count:

Lane Widths:
Shoulder Widths:

3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Safety improvements on roadways identified in the County's Local Road Safety Plan.

Proposed Roads:

Centralia Alpha Road
Jackson Hwy

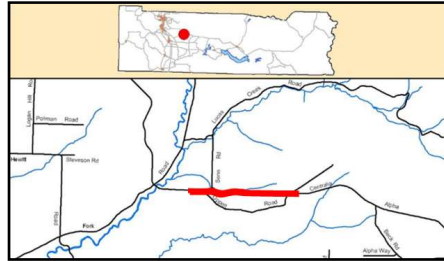
Funding:

Local: \$0 (6 yr.)/\$0 - 2024

HSIP: \$2,200,000 (6 yr.)/\$1,120,000 – 2024

Total Funding: \$2,200,000

PRIORITY NO. 18: CENTRALIA ALPHA ROAD IMPROVEMENTS



Road Number: 94001
TIP Ranking:

Priority Array Score:
Beginning Milepost: 10.60
Ending Milepost: 11.85
Total Mileage: 1.25

Project Timeline:
PE:
ROW:
CONS: 2024-2026

Existing Conditions:

Proposed Conditions:

Lane Widths: 11
Shoulder Widths: 2

Lane Widths: 12
Shoulder Widths: 3

Traffic Count: 517
3 year accident History:
Property: 0
Injuries: 1
Fatalities: 0

Basis for Project: Slope stabilization, intersection improvements, roadway widening, resurfacing with hot mix asphalt, guardrail, and other related work.

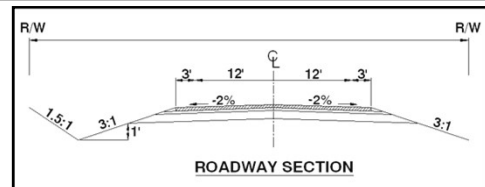
Funding:

Local: \$0 (6 yr.)/\$0 - 2024

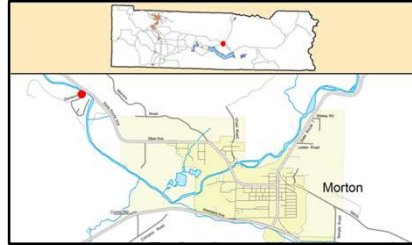
STP(R): \$5,428,965 (6 yr.)/3,460,000 - 2024

RAP: \$1,400,000 (6 yr.)/\$540,000 - 2024

Total Funding: \$6,828,9654



PRIORITY NO. 19: DAVISON BRIDGE REHABILITATION



Road Number: 68060

TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.010
Ending Milepost:
Total Mileage:

Project Timeline:
 PE: 2024-2025
 ROW: 2025
 CONS: 2026

Existing Conditions:

Proposed Conditions:

Lane Widths: 10
Shoulder Widths
Traffic Count: 140
3 year accident History:

Lane Widths:
Shoulder Widths:

Property:
Injuries:
Fatalities:

Basis for Project: Bridge superstructure repairs that will bring the structure up to legal load carrying capacity.



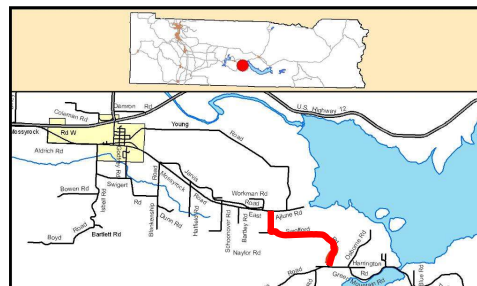
Funding:

Local: \$65,460 (6 yr.)/\$40,500 – 2024

BRAC: \$2,087,200 (6 yr.)/\$259,500 – 2024

Total Funding: \$2,152,660

PRIORITY NO. 20: SWOFFORD ROAD REHABILITATION



Road Number: 62850

TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 1.78
Total Mileage: 1.78

Project Timeline:
 PE: 2024-2025
 ROW: 2024
 CONS: 2025

Existing Conditions:

Proposed Conditions:

Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 534
3 year accident History:

Lane Widths: 11
Shoulder Widths: 2

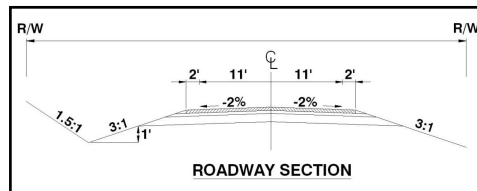
Property: 3
Injuries: 0
Fatalities: 0

Basis for Project: Improve by grading, BST, horizontal and vertical alignments will be improved, and other related work.

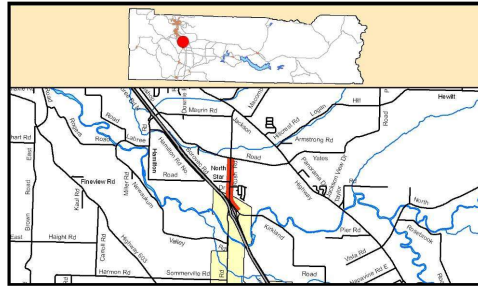
Funding:

Local: \$775,000 (6 yr.)/\$15,000 - 2024

Total Funding: \$775,000



PRIORITY NO. 21: RUSH ROAD IMPROVEMENTS



Road Number: 94006
TIP Ranking:

Priority Array Score:
Beginning Milepost: 2.60
Ending Milepost: 3.16
Total Mileage: .56

Project Timeline:
PE: 2024-2026
ROW: 2024-2025
CONS: 2026

Existing Conditions:

Proposed Conditions:

Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 2,854
3 year accident History:

Lane Widths: 12
Shoulder Widths 8

Property: 1
Injuries: 0
Fatalities: 0

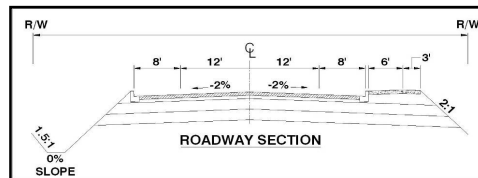
Basis for Project: Major widening, possible curb and gutter, sidewalks, base stabilization, HMA, and other related work.

Funding:

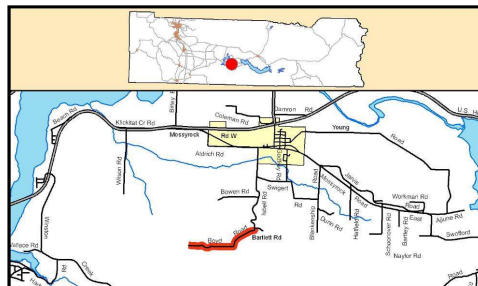
Local: \$0

Other Local: \$2,680,000 (6 yr.)/\$5,000 - 2024

Total Funding: \$2,680,000



PRIORITY NO. 22: BOYD ROAD REHABILITATION



Road Number: 61451
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 1.14
Total Mileage: 1.14

Project Timeline:
PE: 2024-2026
ROW: 2026
CONS: 2026

Existing Conditions:

Proposed Conditions:

Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 113
3 year accident History:

Lane Widths: 11
Shoulder Widths 2

Property: 0
Injuries: 0
Fatalities: 0

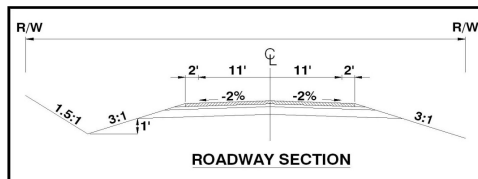
Basis for Project: Vertical and horizontal improvements, base stabilization, BST, and other related work.

Funding:

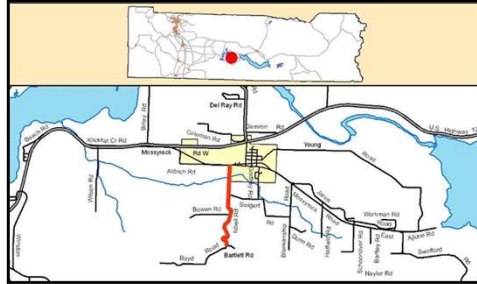
Local: \$10,000 (6 yr.)/\$10,000 - 2024

Other Local: \$470,000

Total Funding: \$480,000



PRIORITY NO. 23: ISBELL ROAD REHABILITATION



Road Number: 61450
 TIP Ranking:
 Priority Array Score:
 Beginning Milepost: 0.00
 Ending Milepost: 1.41
 Total Mileage: 1.41

Project Timeline:
 PE: 2024-2026
 ROW: 2026
 CONS: 2026

Existing Conditions:

Proposed Conditions:

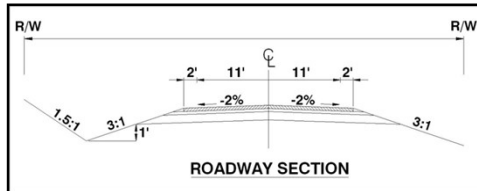
Lane Widths: 11
 Shoulder Widths: 2
 Traffic Count: 246
 3 year accident History:
 Property: 4
 Injuries: 0
 Fatalities: 0

Lane Widths: 11
 Shoulder Widths: 2

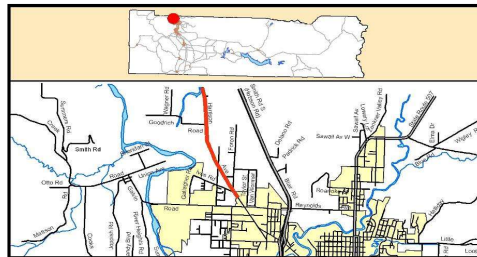
Basis for Project: Vertical and horizontal improvements, base stabilization, BST, and other related work.

Funding:

Local: \$10,000 (6 yr.)/\$10,000 - 2024
 Other-Local: \$470,000
 Total Funding: \$480,000



PRIORITY NO. 24: HARRISON AVENUE IMPROVEMENTS



Road Number: 91000
 TIP Ranking:
 Priority Array Score:
 Beginning Milepost: .55
 Ending Milepost: 2.54
 Total Mileage: 1.99

Project Timeline:
 PE: 2024-2027
 ROW:
 CONS:

Existing Conditions:

Proposed Conditions:

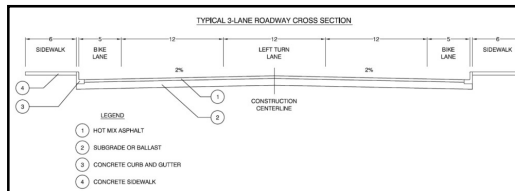
Lane Widths: 12
 Shoulder Widths: 6
 Traffic Count: 10,074
 3 year accident History:
 Property: 27
 Injuries: 11
 Fatalities: 0

Lane Widths: Varies
 Shoulder Widths: Varies

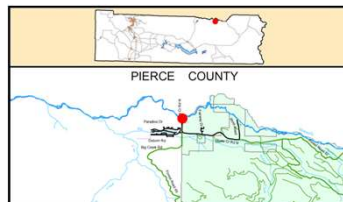
Basis for Project: Roadway design for future development.

Funding:

Local: \$135,000 (6 yr.)/\$33,750 - 2024
 STP(US): \$865,000 (6 yr.)/\$216,250 - 2024
 Total Funding: \$1,000,000



PRIORITY NO. 25: SKATE CREEK NORTH BRIDGE SCOUR



Road Number: 79908
TIP Ranking:

Priority Array Score: **Project Timeline:**
Beginning Milepost: 0.91 **PE:** 2024-2026
Ending Milepost: 1.00 **ROW:** 2027
Total Mileage: 0.09 **CONS:** 2029

Existing Conditions: **Proposed Conditions:**

Lane Widths: 12 **Lane Widths:** 12
Shoulder Widths: 4 **Shoulder Widths:** 4
Traffic Count: 1,213
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0
Basis for Project: Bridge and road bank protection.

Non-Capital Improvement Projects

Funding:

Local: \$470,913 (6 yr.)/\$17,550 – 2024
 FLAP: \$2,953,261 (6 yr.)/\$112,450 – 2024
Total Funding: \$3,424,174

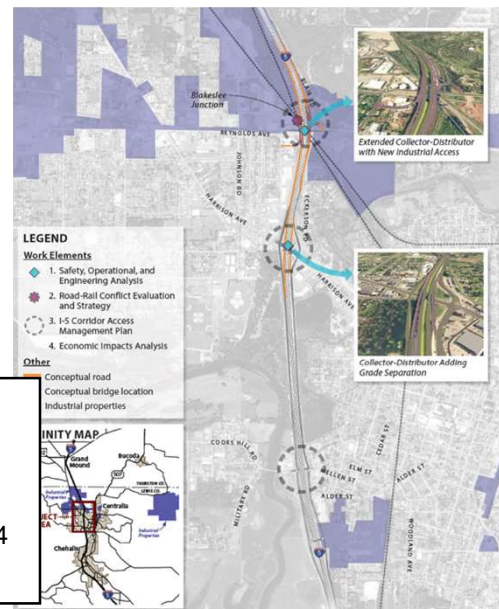
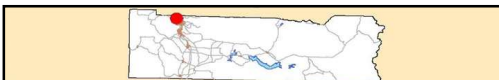
PRIORITY NO. 26: NORTH COUNTY INDUSTRIAL ACCESS

Road Number:
TIP Ranking:

Priority Array Score: **Project Timeline:**
Beginning Milepost: **PE:** 2024-2026
Ending Milepost: **ROW:** 2026
Total Mileage: **CONS:** 2029

Existing Conditions: **Proposed Conditions:**

Lane Widths: **Lane Widths:**
Shoulder Widths: **Shoulder Widths:**
Traffic Count:
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0
Basis for Project: This project proposes to finalize regional design efforts for a direct industrial ingress/egress arterial two-lane, two-way truck route from Interstate 5 to North Lewis County industrial properties.



Funding:

Local: \$0 (6 yr.)/\$0 – 2024
 LEAP: \$31,500,000 (6 yr.)/\$0 – 2024
 CWA: \$2,500,000 (6 yr.)/\$2,500,000 – 2024
Total Funding: \$34,000,000

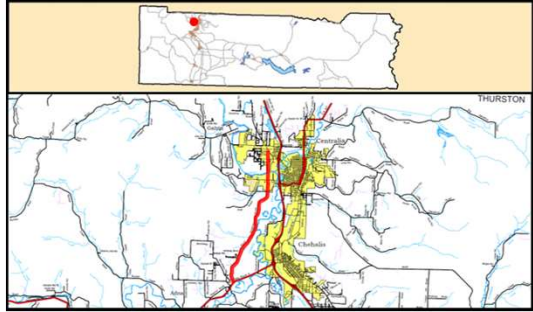
PRIORITY NO. 27: WESTSIDE CONNECTOR



PARTNERSHIP

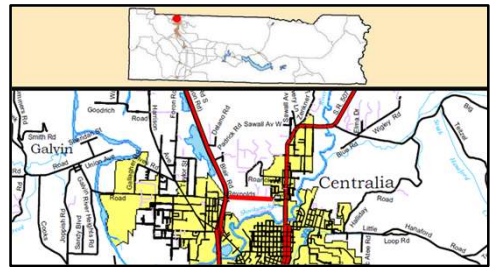
Road Number: Various
 TIP Ranking:
 Priority Array Score:
 Beginning Milepost:
 Ending Milepost:
 Total Mileage: 172.30
 Existing Conditions:
 Lane Widths:
 Shoulder Widths:
 Traffic Count:
 3 year accident History:
 Property:
 Injuries:
 Fatalities:
 Basis for Project: New bridge and roadways to provide a west side connection over the Chehalis River.

Project Timeline:
 PE: 2024-2028
 ROW: 2026
 CONS: 2026-2029
 Proposed Conditions:
 Lane Widths:
 Shoulder Widths:



Funding:
 Local: \$683,650 (6 yr.)/\$10,000 - 2024
 Earmark: \$4,316,350 (6 yr.)/\$0 - 2024
 Total Funding: \$5,000,000

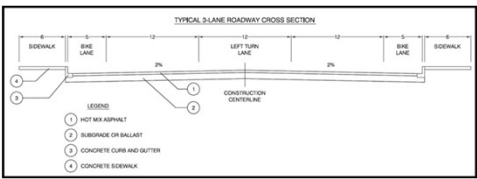
PRIORITY NO. 28: REYNOLDS ROAD IMPROVEMENTS



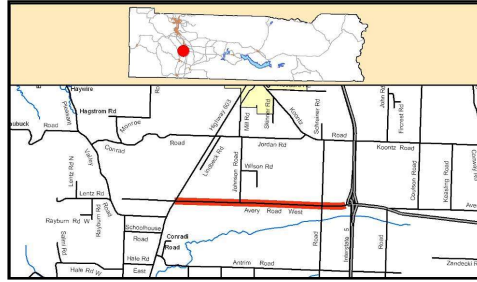
Road Number: 91011
 TIP Ranking:
 Priority Array Score:
 Beginning Milepost: 0.099
 Ending Milepost: 0.993
 Total Mileage: 0.894
 Existing Conditions:
 Lane Widths: 12
 Shoulder Widths: 4
 Traffic Count: 9275
 3 year accident History:
 Property: 6
 Injuries: 5
 Fatalities: 0
 Basis for Project: Improvements include widening of the roadway, sidewalks, street lights, storm water, and other related work.

Project Timeline:
 PE: 2027-2029
 ROW: 2027-2029
 CONS: 2028-2029
 Proposed Conditions:
 Lane Widths: 12 (3)
 Shoulder Widths:

Funding:
 TIB: \$1,650,000 (6 yr.)/\$0 - 2024
 Local: \$550,000 (6 yr.)/\$0 - 2024
 Total Funding: \$2,200,000



PRIORITY NO. 29: AVERY ROAD WEST IMPROVEMENTS



Road Number: 30081
TIP Ranking:

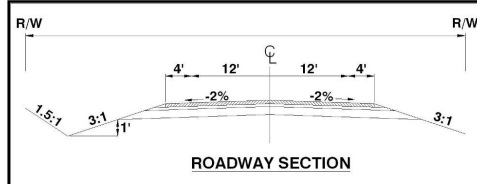
Priority Array Score: **Project Timeline:**
Beginning Milepost: .09 PE: 2026-2027
Ending Milepost: .270 ROW: 2026-2027
Total Mileage: 2.61 CONS: 2027

Existing Conditions: **Proposed Conditions:**

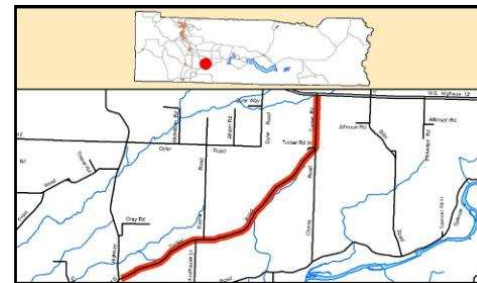
Lane Widths: 12 **Lane Widths:** 12
Shoulder Widths: 2 **Shoulder Widths:** 4
Traffic Count: 1,856
3 year accident History:
Property: 6
Injuries: 4
Fatalities: 0

Basis for Project: Base Stabilization and road widening for anticipated industrial commercial traffic, and other related work.

Funding:
 Local: \$97,000 (6 yr.)/\$0 – 2024
 STP(R): \$618,000 (6 yr.)/\$0 – 2024
Total Funding: \$715,000



PRIORITY NO. 30: TUCKER ROAD WIDENING



Road Number: 95003
TIP Ranking:

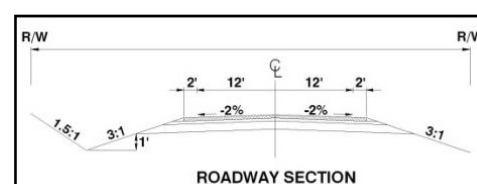
Priority Array Score: **Project Timeline:**
Beginning Milepost: 0.00 PE: 2026-2027
Ending Milepost: 5.50 ROW: 2026-2027
Total Mileage: 5.50 CONS: 2027

Existing Conditions: **Proposed Conditions:**

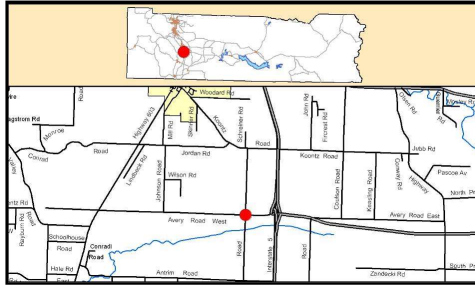
Lane Widths: 12 **Lane Widths:** 12
Shoulder Widths: 1 **Shoulder Widths:** 2
Traffic Count: 1,076
3 year accident History:
Property: 4
Injuries: 3
Fatalities: 0

Basis for Project: Road widening, base stabilization, ditches, storm water, HMA, and other related work.

Funding:
 Local: \$285,000 (6 yr.)/\$0 – 2024
 RAP: \$2,565,000 (6 yr.)/\$0 – 2024
Total Funding: \$2,850,000



PRIORITY NO. 31: AVERY ROAD/N MILITARY INTERSECTION



Road Number: 30081
TIP Ranking:

Priority Array Score:
Beginning Milepost: .43
Ending Milepost: .47
Total Mileage: .04

Project Timeline:
PE: 2027
ROW:
CONS: 2028

Existing Conditions:

Proposed Conditions:

Lane Widths:
Shoulder Widths:
Traffic Count: 3,980/1,069
3 year accident History:
Property: 1
Injuries: 1
Fatalities: 0

Lane Widths:
Shoulder Widths

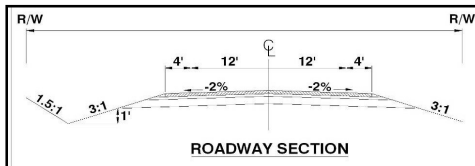
Basis for Project: Signalization and other related work.

Funding:

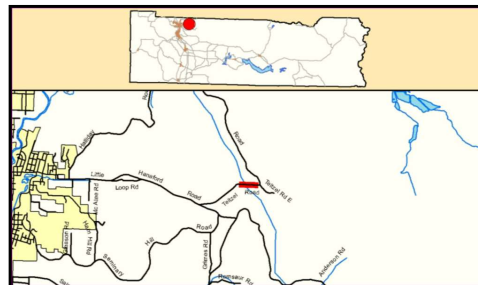
Local: \$50,000 (6 yr.)/\$0 – 2024

Other-Local: \$20,000 (6 yr.)/\$0 – 2024

Total Funding: \$70,000



PRIORITY NO. 32: TEITZEL ROAD BRIDGE APPROACH REPAIR



Road Number: 17381
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.70
Ending Milepost: 0.99
Total Mileage: 0.29

Project Timeline:
PE: 2028
ROW:
CONS: 2028

Existing Conditions:

Proposed Conditions:

Lane Widths: 12
Shoulder Widths: 0
Traffic Count: 151
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0

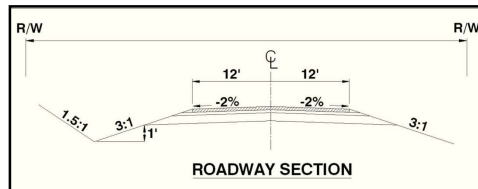
Lane Widths: 12
Shoulder Widths: 0

Basis for Project: Reconstruct bridge approaches and other related work.

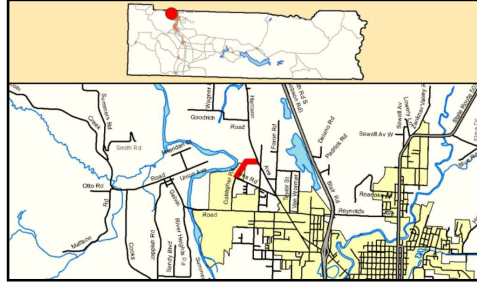
Funding:

Local: \$200,000 (6 yr.)/\$0 – 2024

Total Funding: \$200,000



PRIORITY NO. 33: GALLAGHER ROAD EXTENSION



Road Number: 11004
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 0.97
Total Mileage: 0.97

Project Timeline:
PE: 2028
ROW: 2028
CONS: 2028

Funding:

Other Fed/State: \$1,100,000 (6 yr.)/\$0 – 2024

Total Funding: \$1,100,000

Existing Conditions:

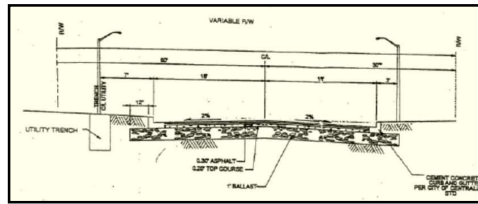
Lane Widths: 0
Shoulder Widths: 0
Traffic Count: N/A
3 year accident History:

Property: 0
Injuries: 0
Fatalities: 0

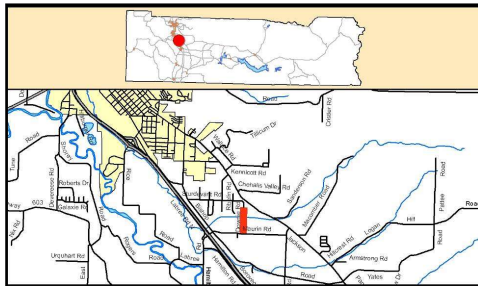
Basis for Project: Construct new urban roadway to Harrison Ave., curb, gutter, sidewalks, illumination, and other related work.

Proposed Conditions:

Lane Widths: 18
Shoulder Widths 0
Curb Gutter & Sidewalk



PRIORITY NO. 34: DOWNIE ROAD EXTENSION



Road Number: 40150
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: -
Total Mileage: 0.38

Project Timeline:
PE: 2028
ROW: 2028
CONS: 2028

Funding:

Other Fed/State: \$1,200,000 (6 yr.)/\$0 – 2024

Total Funding: \$1,200,000

Existing Conditions:

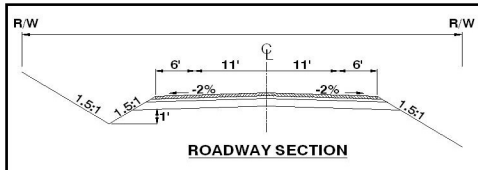
Lane Widths: 0
Shoulder Widths: 0
Traffic Count:
3 year accident History:

Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Construct new urban road to Maurin Rd., base stabilization, HMA, and other related work.

Proposed Conditions:

Lane Widths: 11
Shoulder Widths 6



PRIORITY NO. 35: HWY 603 (4) REHABILITATION



Road Number: 93006
TIP Ranking:

Priority Array Score:
Beginning Milepost: 10.90
Ending Milepost: 11.70
Total Mileage: .80

Project Timeline:
PE: 2028-2029
ROW: 2028-2029
CONS: 2029

Existing Conditions:

Proposed Conditions:

Lane Widths: 13
Shoulder Widths: 1
Traffic Count: 1,896
3 year accident History:

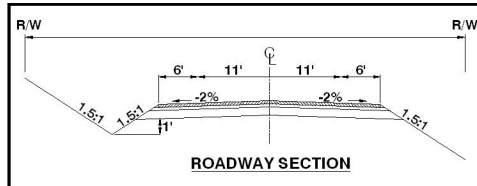
Lane Widths: 11
Shoulder Widths: 6

Property: 2
Injuries: 0
Fatalities: 0

Basis for Project: Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.

Funding:

Local: \$111,000 (6 yr.)/\$0 – 2024
RAP: \$1,000,000 (6 yr.)/\$0 – 2024
Total Funding: \$1,111,000



PRIORITY NO. 36: SR 505 CORRIDOR IMPROVEMENTS

SR 505 Corridor Improvements in order of priority:

- Truck Climbing Lane, PE \$448,000, CN \$1,791,000
- Knowles Rd – Intersection Improvements, PE \$58,000
- Plomondon Rd – Intersection Improvements, PE \$58,000
- N Military Rd – Intersection Improvements, PE \$274,000, ROW \$33,000
- S Military Rd – Intersection Improvements, PE \$184,000, ROW \$42,000



Funding:

Other Fed/State: \$1,444,000
Other-Local: \$722,000
Local: \$722,000
Total Funding: \$2,888,000



Basis for Project: Corridor improvements including: truck climbing lane, intersection improvements, traffic signals, and other related work.

**Lewis County
Department of Public Works
Engineering Division**

**UNFUNDED PROJECTS
FUTURE CONSTRUCTION**

**Six Year
Transportation
Improvement
Program
2024 - 2029**

**2024-2029 SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM
UNFUNDED**

NO.	PROJECT	ROAD NO.	MAINT AREA	BMP	EMP	PROJECT LENGTH	PROJECT COST IN THOUSANDS															PROJECT FUNDING				
							2024			2025			2026			2027-2029			TOTAL			LOCAL	FED	CAPP	RAP	OTHER
							ENG	CONST		ENG	R/W	CONST	ENG	R/W	CONST	ENG	R/W	CONST	ENG	R/W	CONST					
1	JACKSON HIGHWAY REHABILITATION	94000	1	2.810	7.136	4.326								40	0	5368	40	0	5368	5408						
2	JACKSON HWY OVERLAY (3R)	94000	1	2.810	4.480	1.670								10	0	1560	10	0	1560	1570						
3	COOKS HILL RD REHABILITATION	10021	1	1.650	2.160	0.510								25	25	588	25	25	588	638						
4	BISHOP RD OVERLAY (3R)	94008	3	1.764	3.071	1.307								10	0	1280	10	0	1280	1290						
5	N MILITARY RD REHABILITATION	30062	3	0.000	5.790	5.790								250	250	6738	250	250	6738	7238						
6	BUNKER CREEK RD IMPROVEMENTS	24034	2	0.280	0.800	0.520								25	40	585	25	40	585	650						
7	S. MILITARY RD REHABILITATION	30064	3	1.730	2.870	1.140								5	5	1415	5	5	1415	1425						
8	LINCOLN CREEK RD BRIDGE 28 SCOUR	91015	1	8.570										25	20	305	25	20	305	350						
9	CINEBAR RD WIDENING	96004	5	0.000	3.410	3.410								200	200	3863	200	200	3863	4263						
10	DAVIS LAKE RD IMPROVEMENTS	78609	7	2.603	4.555	1.952								25	20	2395	25	20	2395	2440						
11	EVANS RD IMPROVEMENTS	51952	5	2.000	2.330	0.330								20	20	373	20	20	373	413						
12	AIRPORT RD REHABILITATION (3R)	91026	1	1.769	2.833	1.064								5	0	261	5	0	261	266						
13	JOPPISH RD REHABILITATION (3R)	10017	1	0.360	0.500	0.140								5	0	30	5	0	30	35						
14	JORGENSEN RD REHABILITATION (3R)	64007	5	2.800	3.335	0.535								5	0	129	5	0	129	134						
15	MEADE HILL RD REHABILITATION	75450	7	0.612	2.430	1.818								80	80	2113	80	80	2113	2273						
16	ADNA SCHOOL RD IMPROVEMENTS	24040	2	0.000	0.124	0.124								20	10	125	20	10	125	155						
17	S. MILITARY RD REHABILITATION (2)	30064	3	4.204	6.200	1.996								50	50	2395	50	50	2395	2495						
18	KING RD BRIDGE 149 SCOUR	38329	3	1.590										25	20	305	25	20	305	350						
19	KIONA RD REHABILITATION (3R)	75992	7	0.360	1.050	0.690								5	0	168	5	0	168	173						
20	KIONA RD BRIDGE 224 SCOUR	75992	7	0.350										25	20	305	25	20	305	350						
21	GODFREY RD REHABILITATION (3R)	61690	5	0.240	0.492	0.252								5	0	58	5	0	58	63						
22	WALHAUPT RD REHABILITATION (3R)	46007	5	0.000	0.412	0.412								5	0	98	5	0	98	103						
23	FIRCREST RD REHABILITATION (3R)	40007	5	0.000	0.284	0.284								5	0	66	5	0	66	71						
24	PLOEGMAN RD REHABILITATION (3R)	22603	2	0.000	0.270	0.270								5	0	63	5	0	63	68						
25	PIGEON SPRINGS RD REHABILITATION	64022	5	0.000	2.538	2.538								5	0	630	5	0	630	635						
26	ANDERSON RD REHABILITATION (3R)	75380	7	0.730	3.090	2.360								5	0	585	5	0	585	590						
27	SWIGERT RD REHABILITATION (3R)	61455	5	0.000	1.162	1.162								5	0	286	5	0	286	291						
28	GREEN MT RD REHABILITATION	62851	5	3.595	4.395	0.800								35	35	930	35	35	930	1000						
29	SHORT ROAD REHABILITATION	63402	5	0.000	1.314	1.314								5	0	324	5	0	324	329						
30	BLANKENSHIP RD REHABILITATION (3R)	61770	5	0.000	1.001	1.001								5	0	245	5	0	245	250						
31	SAREAULT RD IMPROVEMENTS	55450	5	0.000	1.451	1.451								50	50	1714	50	50	1714	1814						
32	HAMILTON RD REHABILITATION (3R)	40032	3	0.682	2.058	1.376								5	0	339	5	0	339	344						
33	HADALLER RD REHABILITATION (3R)	60310	5	0.000	1.170	1.170								5	0	288	5	0	288	293						
34	BLUE RD REHABILITATION (3R)	62750	5	0.000	0.325	0.325								5	0	76	5	0	76	81						
35	DLUHOSH RD REHABILITATION (3R)	46033	5	0.000	2.047	2.047								5	0	507	5	0	507	512						
36	BERRY RD BRIDGE 163 SCOUR	32000	3	1.910										25	20	305	25	20	305	350						
37	MESKILL RD IMPROVEMENTS	27820	2	0.000	1.170	1.170								20	10	1433	20	10	1433	1463						
38	MINERAL HILL RD IMPROVEMENTS	79660	7	1.000	1.900	0.900								30	30	1065	30	30	1065	1125						

**Lewis County
Department of Public Works
Engineering Division**

ANNUAL CONSTRUCTION PROGRAM

**Six Year
Transportation
Improvement
Program
2024 - 2029**

ANNUAL CONSTRUCTION PROGRAM FOR 2024

(A) TOTAL CONSTRUCTION PROGRAM - columns (14)+(15)
 (B) PUBLISHED COUNTY FORCES LIMIT
 (C) TOTAL COUNTY FORCES CONST PROGRAM-column (15)

TOTAL \$'S
\$16,056,527
\$1,279,231
\$1,030,000

AGENCY ACTION:	COUNTY >>	LEWIS
DATE RECOMMENDED PROG. SUBMITTED		09/27/2023
DATE OF ENVIRONMENTAL ASSESSMENT		
DATE OF FINAL ADOPTION		11/21/2023
ORDINANCE/RESOLUTION NO.		23-370
DATE OF AMENDMENT		

** Line (C) must be smaller than Line (B) **

(1) ITEM NUMBER	(2) 6 YEAR ROAD PROGRAM ITEM NO.	(3) ROAD LOG NO.	(4) ROAD/PROJECT NAME AND LOCATION <small>(Include brief termini description or MP's; Bridge #)</small>	(5) PROJECT LENGTH <small>(Miles)</small>	(6) FUNCTIONAL CLASS	(7) PROJECT TYPE(S)	(8) ENVIRONMENTAL ASSESSMENT	(9)-(11) SOURCES OF FUNDS			(12)-(15) ESTIMATED EXPENDITURES				(16) GRAND TOTAL ALL 595.	(17) COMMISSIONER DISTRICT
								(9) COUNTY FUNDS	(10) OTHER FUNDS		(12) PRELIM. & CONST. ENGRING 595.10	(13) RIGHT OF WAY 595.20	(14) CONSTRUCTION			
									AMOUNT	PROGRAM SOURCE			CONTRACT	COUNTY FORCES <small>\$1,279,140</small>		
			Non-Capital Improvement Projects													
01	1	-	Countywide Bridge/Road Bank Protection (Various Roads)	-	-	FA, OTH		100,000			25,000		75,000		100,000	All
02	1	91009	Garrard Creek Road Scour Repair (MP 2.75-2.81)	0.06	07	OTH		1,350	8,650	ER			10,000		10,000	1
03	1	24017	King Road Bridge Scour (MP 12.26)	-	08	FA, OTH		19,786	126,775	BR	135,000	11,561			146,561	2
04	1	30501	Sargent Road Bridge Scour (MP 1.33)	-	09	FA, OTH		15,061	96,500	BR	100,000	11,561			111,561	2
05	1	46004	Senn Road Bridge Scour (MP 0.89)	-	09	FA, OTH		35,451	227,146	BR	262,597				262,597	3
06	1	40098	Shorey Road Bank Stabilization (MP 0.598 - 0.618)	0.02	18	OTH		270,645	1,734,132	ER	150,000	10,000	1,844,777		2,004,777	2
07	1	92004	Wildwood Road Bridge Scour (MP 10.14)	-	07	FA, OTH		40,455	259,214	BR	299,669				299,669	2
08	2	-	Countywide Culvert Replacement (Various Roads)	-	-	DR, FP		35,000			30,000	5,000			35,000	All
09	2	46032	Kruger Road Culvert Replacement (MP 1.20)	-	09	DR, FP			20,000	FBRB, SRFB			20,000		20,000	3
10	2	40077	Berwick Creek at Logan Hill Fish Passage Project (MP 0.103)	-	19	DR, FP		180,500	1,817,000	PROTECT, SRFB		210,000	1,787,500		1,997,500	2
11	2	50910	Toledo Salmon Creek Road (MP 1.195 & 1.201)	-	09	DR, FP		20,000			20,000				20,000	3
12	2	46005	Lucas Creek Culvert Replacement (MP 4.24)	-	09	DR, FP		25,000	25,000	FBRB	25,000	25,000			50,000	3
13	2	46005	Lucas Creek Culvert Replacement (MP 4.39)	-	09	DR, FP		25,000	25,000	FBRB	25,000	25,000			50,000	3
14	2	14001	Scammon Creek at Graf Fish Passage Project (MP 1.34)	-	09	DR, FP		59,000	1,308,000	PROTECT		59,000	1,308,000		1,367,000	1
15	2	40024	Berwick Creek at Labree Fish Passage Project (MP 0.459)	-	19	DR, FP		10,000			10,000				10,000	2
16	2	40028	Newaukum Valley Road (MP 2.366)	-	09	DR, FP		52,891	211,564	AOP	264,455				264,455	2
17	3	-	Federal Forest Road Improvements	-	-	3R, OTH		100,000			5,000		95,000		100,000	NA
18	4	-	FEMA Repair Projects (Various Roads)	-	-	DR, OTH										All
19	4	56800	Brim Road Culvert (MP 1.90)	-	08	DR		2,500	17,500	FEMA, DEM	20,000				20,000	3
20	4	37550	Burnett Road Slide (MP 0.468)	-	09	OTH		6,250	43,750	FEMA, DEM	50,000				50,000	2
21	4	78270	Carr Road Slide (MP 0.2) - Downhill Site	-	09	OTH		6,250	43,750	FEMA, DEM	50,000				50,000	3
22	4	78270	Carr Road Slide (MP 0.26-0.28)	0.02	09	OTH		73,281	512,969	FEMA, DEM	30,000		556,250		586,250	3
23	4	51952	Evans Road Culvert (MP 5.371)	-	09	DR		2,500	17,500	FEMA, DEM	20,000				20,000	3
24	4	10024	Independence Road Slide (MP 2.95)	-	08	OTH		2,500	17,500	FEMA, DEM	20,000				20,000	1
25	4	17190	Jones Road Culvert (MP 1.71)	-	09	DR		23,750	166,250	FEMA, DEM	165,000	25,000			190,000	1
26	4	75450	Meade Hill Road Slide (MP 0.77-0.82)	0.05	09	OTH		2,500	17,500	FEMA, DEM	20,000				20,000	3
27	4	40023	Rogers Road Slide (MP 0.14)	-	09	OTH		6,250	43,750	FEMA, DEM	50,000				50,000	2
28	4	45009	Rosebrook Road Slide (MP 0.49-0.56)	0.07	09	OTH		2,500	17,500	FEMA, DEM	20,000				20,000	3
29	4	57061	Spencer Road Slide Repair (MP 5.172-5.276)	0.10	07	OTH		6,250	43,750	FEMA, DEM	50,000				50,000	3
30	5		Preventative Bridge Maintenance	-	-	FA, OTH			400,000	BR	400,000				400,000	1 & 2
31	6	28001	Ceres Hill Bridge Retrofit (MP 0.79)	-	09	BR		40,500	259,500	BR	300,000				300,000	2

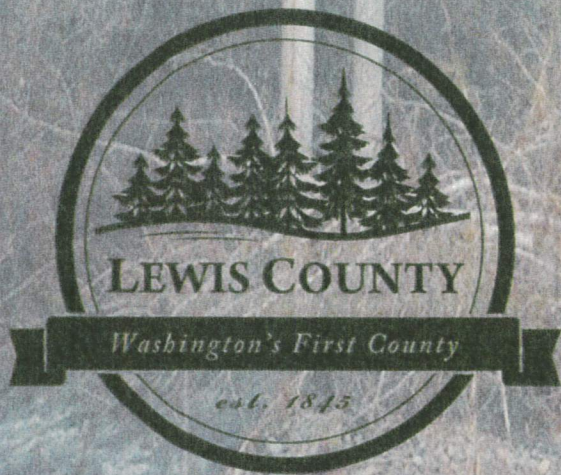
(1) ITEM NUMBER	(2) 6 YEAR ROAD PROGRAM ITEM NO.	(3) ROAD LOG NO.	(4) ROAD/PROJECT NAME AND LOCATION (Include brief termini description or MP's; Bridge #)	(5) PROJECT LENGTH (Miles)	(6) FUNCTIONAL CLASS	(7) PROJECT TYPE(S)	(8) ENVIRONMENTAL ASSESSMENT	(9)-(11) SOURCES OF FUNDS			(12)-(16) ESTIMATED EXPENDITURES					(17) COMMISSIONER DISTRICT
								(9) COUNTY FUNDS	(10)-(11) OTHER FUNDS		(12) PRELIM. & CONST. ENGRING 595.10	(13) RIGHT OF WAY 595.20	(14) CONSTRUCTION		(16) GRAND TOTAL ALL 595.	
									AMOUNT	PROGRAM SOURCE			CONTRACT	COUNTY FORCES <i>\$1,279,140</i>		
32			Capital Improvement Projects													
33	7	-	Countywide 3R Program (Various Roads)	-	-	3R		2,150,229	514,771	CAPP	60,000	5,000	1,800,000	800,000	2,665,000	All
34	8	-	Countywide Paths & Trails	-	-	P&T		25,000		P&T	5,000	5,000		15,000	25,000	All
35	8	62851	Swofford Pedestrian Improvements (Green Mt. Road MP 0.000 - 1.500)	1.50	09	P&T		130,000		P&T	10,000	10,000	10,000	100,000	130,000	3
36	9	-	Countywide Emergent Construction Projects (Various Roads)	-	-	RC, 3R		300,000			50,000	10,000	225,000	15,000	300,000	All
37	10	-	Countywide Misc. Safety & Guardrail (Various Roads)	-	-	SAFETY		300,000			45,000	5,000	150,000	100,000	300,000	All
38	11	-	2021 County Safety Program	-	-	SAFETY		0	20,000	HSIP			20,000		20,000	1 & 3
39	12	-	Railroad Switch Upgrades	-	-	OTH		16,875	108,125	NHFP			125,000		125,000	1
40	13	-	Track Extensions & Road Closure	-	-	OTH		273,750	1,831,250	NHFP, MAW	100,000	5,000	2,000,000		2,105,000	1
41	14	94000	Jackson Hwy Turn Lanes (MP 2.199-2.800)	0.60	16	RC		125,000		Other	20,000	5,000	100,000		125,000	2
42	15	17912	Wigley Road Improvements (MP 0.720 - 1.033)	0.31	09	3R		10,000		Other	5,000	5,000			10,000	1
43	16	50130	Barnes Drive Overlay (MP 0.00-0.436)	0.44	08	3R		11,500	103,500	RAP	115,000				115,000	3
44	17	-	2023 County Safety Program	-	-	SAFETY			1,120,000	HSIP	220,000		900,000		1,120,000	All
45	18	94001	Centralia Alpha Road Improvements (MP 10.60 - 11.85)	1.25	07	NA, RC			4,000,000	STP(R), RAP			4,000,000		4,000,000	3
46	19	68060	Davison Bridge Rehabilitation (MP 0.01)	-	09	BR		40,500	259,500	BR	300,000				300,000	3
47	20	62850	Swofford Road Rehabilitation (MP 0.000 - 1.777)	1.78	08	NA, RC		15,000			10,000	5,000			15,000	3
48	21	94006	Rush Road Improvements (MP 2.600 - 3.164)	0.56	16	3R		5,000		Other	5,000				5,000	2
49	22	61451	Boyd Road Rehabilitation (MP 0.00 - 1.14)	1.14	09	3R		10,000			10,000				10,000	3
50	23	61450	Isbell Road Rehabilitation (MP 0.000 - 1.41)	1.41	09	3R		10,000			10,000				10,000	3
51	24	91000	Harrison Avenue Improvements & Planning Study (MP 0.55 - 2.54)	1.99	16	RC OTH		33,750	216,250	STP(U)	250,000				250,000	1
52	25	79908	Skate Creek North Bridge Scour (MP 0.91 - 1.00)	0.09	07	FA, OTH		17,550	112,450	FLAP	130,000				130,000	3
53	26	-	North County Industrial Access (To Be Determined)	-	-	NA			2,500,000	CWA	2,500,000				2,500,000	1
54	27	-	Westside Connector	-	-	BR, NA		10,000			10,000				10,000	1
55			Project Types													
56			NA - New Alignment RC - Reconstruction 3R - Rehabilitate, Resurface, Restore 2R - Resurface, Restore FA - Federal/Aid Bridge BR - Short Span or Other Bridge DR - Drainage Structure HMA - Hot Mix Asphalt							IS - Intersection SAFETY - Signing, Striping, Markings, etc. FERRY - Ferry P&T - Paths & Trails SW - Sidewalks, ADA ILLM - Illumination FP - Fish Passage OTH - Other						
57																
58																
59																
PAGE / PROGRAM TOTALS, CONSTRUCTION								4,649,324	18,246,046		6,401,721	437,122	15,026,527	1,030,000	22,895,370	

**Lewis County
Department of Public Works
Engineering Division**

ANNUAL BRIDGE REPORT

**Six Year
Transportation
Improvement
Program
2024 - 2029**

2023 ANNUAL BRIDGE REPORT



LEWIS COUNTY
PUBLIC WORKS

Submitted October 2023



Lewis County Public Works

2023 Annual Bridge Report

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Cover Photo Chandler Bridge #18

Credits

Joe Byers, Lead Inspector
Jay Noonan, Assistant Inspector



Geoff Soderquist, P.E., County Engineer

11/8/23

Date



Wesley Anderson, P.E., Assistant County Engineer

11/8/23

Date



Joe Byers, Senior Engineer Bridge-Non-P.E.

11-8-23

Date



Jay Noonan, Assistant Inspector

11/8/23

Date



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2023 Annual Bridge Report

Submitted: October 2023

This bridge report is prepared by Lewis County Public Works Engineering Services Bridge Department each year to fulfill requirements of the Washington Administrative Code (WAC) 136-20-060. This WAC requires the County Engineer's report of bridge inspections as follows:

Each county engineer shall furnish the county legislative authority with a written report of the findings of the bridge inspection effort. This report shall be made available to said authority and shall be consulted during the preparation of the proposed six-year transportation program revision. The report shall include the county engineer's recommendations as to replacement, repair, or load restriction for each deficient bridge. The resolution of adoption of the six-year transportation program shall include assurances to the effect that the county engineer's report with respect to deficient bridges was available to said authority during the preparation of the program.



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Acronyms

The following is a list of common acronyms widely used in the bridge inspection field:

ADT	Average Daily Traffic
BRAC	Bridge Replacement Advisory Committee
CFR	Code of Federal Regulations
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FO	Functionally Obsolete
HBRRP	Highway Bridge Replacement and Rehabilitation Program
NBI	National Bridge Inventory
SNBI	Specifications for the National Bridge Inventory
NSTM	Nonredundant Steel Tension Member
SC	Scour Critical
SD	Structurally Deficient
SID	Structure Identification Number
SR	Sufficiency Rating
UBIT	Under Bridge Inspection Truck
WAC	Washington Administrative Code
WSDOT	Washington State Department of Transportation



Lewis County Public Works

2023 Annual Bridge Report

Crumb Road Culvert Replacement



Crumb Rd MP 0.17, Bridge # 195 Pre-Construction



Crumb Rd MP 0.17, Bridge # 195 Mid-Construction



Lewis County Public Works

2023 Annual Bridge Report



Crumb Rd MP 0.17, Bridge # 195 Post-Construction



Centralia Alpha Road Culvert Replacement



Centralia Alpha Rd MP 15.79, Bridge # 87 Pre-Construction



Centralia Alpha Rd MP 15.79, Bridge # 87 Mid-Construction



Centralia Alpha Rd MP 15.79, Bridge # 87 Post-Construction



Highlights and Changes in 2023

Lewis County replaced two culverts with bridges, Crumb MP 0.17 #195 and Centralia Alpha MP 15.79 #87 were added to the County's inventory this last year. The County now has 206 NBI reportable bridges.

Per CFR 650.311, all bridges are to be inspected every 24 months. Lewis County team members completed 121 routine and short span bridge inspections during the 2022-2023 cycle inspections, from September through March.

Lewis County also provided bridge inspection services for the City of Winlock, the Town of Pe Ell, the City of Napavine and Wahkiakum County. Routine inspections are performed on these structures and soundings if needed.

Summary of Bridge Inventory

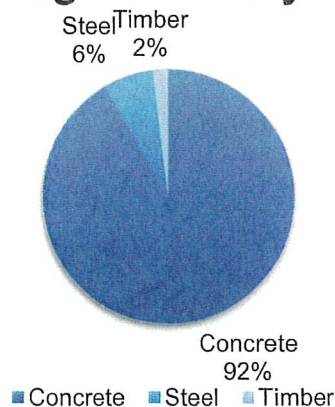
Lewis County's Road system covers a vast 1,042 miles of roadway; and within that system are 206 NBI reportable bridges and 17 short span bridges that make up the Lewis County Bridge Inventory. The County's inventory is comprised of 187 concrete structures, 13 steel structures, and 4 timber structures. Several of the concrete and steel structures also contain some timber components.

One of the County's bridges are classified as structurally deficient (SD), 25 classified as functionally obsolete (FO), and 108 are coded as scour critical. A list of functionally obsolete and structurally deficient bridges is shown in Exhibit C pg. 31 and these bridges should be considered for future replacement or rehabilitation.

The Kernahan Bridge, #31157A, spans the Nisqually River and it connects Lewis County to Pierce County in the Ashford area. It is owned and inspected by Pierce County, but there is a shared maintenance agreement between the two counties. This bridge is not included in Lewis County's bridge inventory.

Lewis County has one pedestrian bridge, parallel to the Airport Road Bridge. This foot bridge is a steel structure, and it is inspected biennially. Since there is no vehicular traffic and the bridge is only open to pedestrians and bicyclists, it is not included in the bridge inventory.

Bridge Inventory





Scour Critical Bridges

In 1997, federally mandated scour evaluations were completed. Based on these evaluations and information taken from soundings performed, Lewis County has 108 scour critical bridges. Additional inspection is required at each scour critical bridge.

Structures are determined to be scour critical by the thalweg's location in relation to the footings (the thalweg is the deepest part of the stream channel) or if they have unknown foundation information (such as unknown footing elevations). Additionally, once a bridge is considered scour critical, it remains a scour critical bridge even if countermeasures have been installed.

There is a specific scour code used in SNBI to inform inspectors and reviewers of the scour nature of each bridge. Code 3 is scour critical and code 7 is scour critical with the countermeasures installed. Of Lewis County's 99 scour critical bridges, 32 are scour critical because of the thalweg location (code 3), 54 are scour critical because of unknown foundations (code U), and 13 are scour critical with the countermeasures installed (code 7).

During the inspection of these bridges, soundings are taken, and a streambed cross-section is made to continuously monitor the thalweg's location, depth, and migration throughout the channel. Scour critical bridges also receive additional inspections during or immediately after flood events as well.

Bridges acknowledged with unknown foundations are generally bridges built pre-1960. Plans for these bridges do not exist. When no plans are available, it is difficult to know what the foundation type is or what the depth of the foundation is compared to the thalweg. With the unknown foundation designation, these bridges are scour critical as well.

Other Local Agency Bridges

In addition to the Lewis County's bridge inventory, inspection services are provided to other political subdivisions upon request. The County currently works with two cities, one town, and one county under inter-local agreements and conditions set forth in the Revised Code of Washington (RCW) Chapter 39.34. The County's services are provided primarily to other agencies that lack resources and expertise to inspect their own bridge inventory. In the 2022-2023 inspection cycle the County inspected 3 bridges for the City of Winlock, 2 bridges for the Town of Pe Ell and 21 bridges for Wahkiakum County. City of Napavine's bridge is scheduled for the 2023-2024 inspection cycle.

Total Number of Agency Bridges	
# Of Bridges	Agency
1	City of Napavine
2	Town of Pe Ell
3	City of Winlock
21	Wahkiakum County



Short Span Bridges

The Highway Bridge Replacement and Rehabilitation Program (HBRRP) excludes short span bridges, of less than 20 feet, from receiving federal funding. There are 17 short span bridges in the bridge inventory (see Appendix A).

Even though these structures are non-NBI reportable they are included in Lewis County's bridge files, inspected with routine inspections, and observed for scour critical findings for safety of the traveling public.



Katula MP 0.05, Bridge # 140 built in 1952

Bridge Inspection: Findings and Recommendations

Bridge inspections are performed in accordance with the Specifications for the National Bridge Inventory (SNBI) and in conformance with 23 CFR 650.3. These standards mandate that all public agencies with bridge inventory inspect and report the findings at a minimum of once every 24 months (routine inspection). The inspector uses these standards (routine, non-redundant steel tension member, or underwater) to document the current condition of each bridge element listed. The deficiencies are coded to SNBI standards and show the degree of deterioration in various elements. The three primary elements are: deck, superstructure, and substructure. Special inspections are required for: bridges that have non-redundant steel tension members; bridges that have footings under water which cannot be seen or measured during low water times of the year (underwater inspection); or bridges that require equipment to get close visual access to bridge members (special equipment inspection).

Typically, steel truss bridges have non-redundant steel tension members. These are made of several steel members that are in tension loading. If one of the tension members fails, the bridge will suffer a complete failure. Bridges with non-redundant steel tension members are also inspected on a 24-month frequency.



Underwater Inspections are required every five years on bridges with piers that extend below low-water levels. Lewis County currently has Galvin Bridge footings inspected by the Washington State Department of Transportation (WSDOT) dive team for its underwater inspection. A list of special inspections with details on inspection frequencies can be found in Exhibit A.



Galvin Bridge #75, built in 1969 is a bridge that requires an underwater inspection every five years

Every year the results of our inspection program are forwarded to WSDOT for review. Once the report has been accepted by WSDOT, it is available for the Federal Highway Administration (FHWA). A signed copy of each bridge inspection report is kept on file Lewis County.

The SNBI also has other factors which contribute to developing the overall rating of a bridge. Sufficiency Rating (SR) is a calculated score based on numbers assigned to all inspection factors reviewed by the inspector. The SR is a number from 0 to 100, with 100 being an entirely sufficient bridge, and 0 being an entirely insufficient or deficient bridge. Items that go into the determination of the SR include load bearing capacity; average daily traffic; length of detour; geometry of the bridge; and the risk of scour at bridge foundations within waterway crossings.

As deterioration progresses, the coding values drop and work orders for repairs are issued. In the case where the coding factors are extremely low, recommendations are made for replacement or rehabilitation. Bridges with identified deficiencies may be inspected or monitored at more frequent intervals.

As of March 31, 2023, Lewis County has 25 bridges that are functionally obsolete (FO) with an SR less than 96 (See Exhibit C for the list of FO bridges). Only those bridges that have an SR 80 and below are eligible for federal rehabilitation funding.

Special inspection equipment is used to inspect Lewis County steel truss structures and steel girder bridges. Currently Lewis County has an agreement with the City of Seattle to rent their Under Bridge Inspection Truck (UBIT) with an operator and driver. UBIT inspections enable the inspector to be within arm's reach of bridge elements as required by NBI standard.



Exhibit A – Lewis County Special Bridge Inspection

Bridge	Name	Special Inspection	Last	2020	2021	2022	2023	2024
1	Davison MP 0.01	NSTM	Mar-7		X		X	
12	Skate Crk South MP 0.45	NSTM	Mar-28		X		X	
36	Coughlin MP 0.05	NSTM	Mar-8		X		X	
75	Galvin MP 1.55	Underwater	Aug-12					X
93	Ferrier MP 3.49	NSTM	Sep-14	X		X		X
99	Hendrickson MP 0.03	NSTM	Mar-8		X		X	
102	Ceres Hill MP 0.79	Equipment Inspection	Apr-1			X		X
113	Kollock MP 0.19	Equipment Inspection	Mar-20		X		X	
117	Thompson MP 0.55	NSTM	Sep-1	X		X		X
125	Mays MP 0.05	NSTM	Sep-2	X		X		X
190	Toledo Salmon Crk MP 3.33	Equipment Inspection	Mar-20				X	



Bridge Load Ratings

The FHWA has mandated that all bridges undergo a new load rating to include Special Haul Vehicles (SHV) and Emergency Vehicles (EV). The EV are required to be load rated if they are within one road-mile from access to and from the National Network of highways. Lewis County has 39 additional bridges evaluated for the SHV and EV this year by Tran Tech Engineering LLC., a consulting engineering firm.

These bridges are being evaluated to ensure Lewis County follows National Bridge Inspection Standard (SNBI) requirements to meet posting provisions to determine safe live-load capacity on all unrestricted loads. Special Haul and Emergency Vehicles as defined by AASHTO Manual for Bridge Evaluation (MBE) for load ratings and posted bridges have been added to the load rating requirements.

FHWA has established a timeline to be met with compliance by all agencies. These timelines are as follows:
(Excerpt from Federal Highway Administration's Load Rating of Specialized Hauling Vehicles dated Nov. 15, 2013)

Group 1: Bridges with the shortest span not greater than 200 feet should be re-rated after their next NBIS inspection, but no later than December 31, 2017, that were last rated by:

- a) either Allowable Stress Rating (ASR) or Load Factor Rating (LFR) method and have an operating rating for the AASHTO Routine Commercial Vehicle either Type 3, Type 3S2, or Type 3-3 less than 33 tons (English), 47 tons (English), or 52 tons (English) respectively; or
- b) Load and Resistance Factor Rating (LRFR) method and have a legal load rating factor for the AASHTO Routine Commercial Vehicle, either Type 3, Type 3S2 or Type 3-3, less than 1.3.

Group 2: Rate those bridges not in Group 1 no later than December 31, 2022.

For either group, if a re-rating is warranted due to changes of structural condition, loadings, or configuration, or other requirements, the re-rating should include SHVs.

Lewis County has 28 bridges that fit in the group 1 category. Work on load rating these structures began in 2014. All 28 load ratings have been completed. In addition to the group 1 load ratings, 2 additional new structures have been completed. The final cost of the group 1 category load ratings is \$274,000.

There were 108 Group 2 bridges including 2 newly constructed bridges in 2023 that had remained to be load rated. Sixty-nine of these bridges were able to be deferred from being SHV load rated. For a bridge to have a deferred SHV load rating it must meet certain criteria in multiple fields. Of the 39 remaining bridges to be load rated 19 have been completed and 20 are currently being load rated. All 108 group 2 bridges will be load rated by the end of 2023. This work has been completed by a consulting engineering firm through an on-call consultant contract. The total cost of the Group 2 bridges to be load rated is \$398,000.



Load Width and/or Height Restricted Bridges

Each bridge is required to have a "Load Rating" calculation. The Load Rating establishes how much weight the bridge can safely carry for several standard configurations of vehicle axle loads. Bridges with weight restrictions are load posted.

Lewis County has bridges with load restrictions. As of June 30, 2022, Davison #1, Wildwood #5, Hining #8, Teague #24, Lincoln Cr. #28, Centralia Alpha #44, Shorey #69, Ceres Hill #102, Leonard #199, and Frase #200 are the load restricted bridges in Lewis County's inventory.

Bridges that have traffic portals of 15 feet or less in height are required to be posted with height restrictions. See Exhibit B, next page, for bridges with height, width and/or load restrictions.



Ferrier Bridge #93 is posted with height restrictions



Hendrickson Bridge #99 with width restrictions



Davison Bridge #1 is posted with weight restrictions



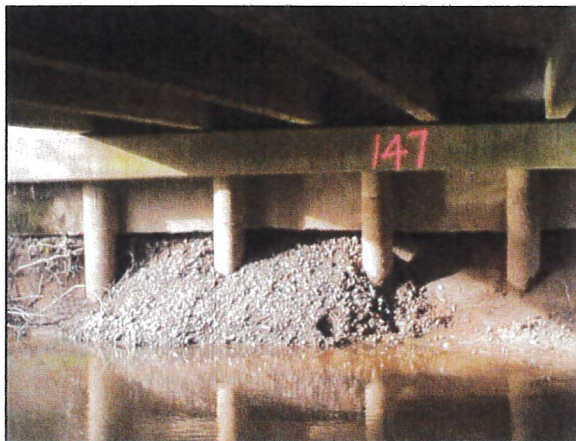
Exhibit B - Lewis County Crossings -Width/Height/Weight Restrictions

Bridge #	Roadway	Crossing	Width Restriction	Height Restriction	Weight Restriction
1	Davison MP 0.01	Tilton River	17		X
4	Elk Creek MP 2.84	Elk Creek	14		
5	Wildwood MP 0.05	Stillwater Creek			X
8	Hining MP 0.23	Olequa Creek			X
24	Teague MP 0.08	Lincoln Creek			X
28	Lincoln Creek MP 8.57	Lincoln Creek			X
36	Coughlin MP 0.05	S FK Newaukum River	16.8		
44	Centralia Alpha	N. Fork Newaukum River			X
69	Shorey MP 0.48	Newaukum River			X
93	Ferrier MP 3.49	Olequa Creek	17.6	11'9"	
99	Hendrickson MP 0.03	Stillwater Creek	17.6		
102	Ceres Hill MP 0.79	Chehalis River	16.2		X
113	Kollock MP 0.19	Olequa Creek	14		
114	Rock Creek MP 0.03	Rock Creek	14		
124	Hope Creek MP 0.94	Hope Creek	14		
131	Burri MP 0.13	Lake Creek	14		
139	Elk Creek MP 2.96	Eight Creek	14		
148	Cook MP 0.07	Lake Creek	16		
163	Berry MP 1.91	Stearns Creek	16.2		
190	Toledo Salmon Crk MP 3.33	Salmon Creek	14		
199	Leonard MP 2.52	Lacamas Creek			X
200	Frase MP 0.22	Kearney Creek			X



2021 BRAC Approved Funding for Bridge Replacement and Rehabilitation

Bridge #	Name	Repair or Replacement	Sufficiency Rating
172	Sargent MP 1.33	Scour Repair	87.75
147	King MP 12.26	Scour Repair	82.97



King Bridge #147



Sargent Bridge #172



2022 BRAC Approved Funding for Bridge Replacement and Rehabilitation

Bridge #	Name	Repair or Replacement	Sufficiency Rating
1	Davison MP 0.01	Bridge Rehabilitation	7.16
3	Wildwood MP 10.14	Scour Repair	78.01
8	Hining MP 0.23	Girder Repair	80.12
75	Galvin MP 1.55	Deck Sealing and Overlay	81.74
77	Senn MP 0.89	Scour Repair	90.69
112	Galvin MP 1.23	Deck Sealing and Overlay	88.86



Davison MP 0.01 Bridge #1



Davison MP 0.01 Bridge #1



Wildwood MP 10.14 Bridge #3



Wildwood MP 10.14 Bridge #3



Lewis County Public Works

2023 Annual Bridge Report



Hinning MP 0.23 Bridge #8



Hinning MP 0.23 Bridge #8



Galvin MP 1.55 Bridge #75



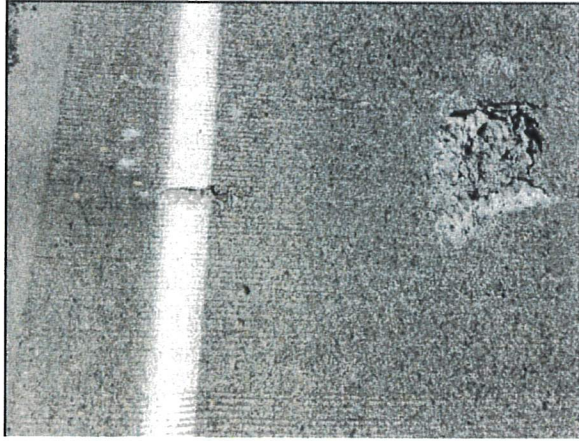
Galvin MP 1.55 Bridge #75



Senn MP 0.89 Bridge #77



Senn MP 0.89 Bridge #77



Galvin MP 1.23 Bridge #112



Galvin MP 1.23 Bridge #112



2023 State/Federal Funded Fish Passage Projects

Lewis County will be adding one culvert/ bridge to their inventory in 2023. Two 5' by 3.5' corrugated metal squash pipe culverts spanning an unnamed tributary of the Middle Fork Newaukum River on Kruger Road at M.P. 1.20 will be replaced with a 21' wide by 11' high concrete box culvert. Kruger Road M.P. 1.20 was awarded to Steele Trucking Inc. Once the culvert has been constructed it will be inspected and assigned a bridge number.

Lewis County will be adding two bridges/culverts to their inventory in 2024 through the State/Federal Funded Fish Passage Projects. A 24' by 11' concrete box culvert will replace the existing 11' by 7' short span bridge on Logan Hill Road at M.P. 0.10 spanning Berwick Creek. A 24' by 13' concrete box culvert will replace the existing 12' by 8' corrugated metal squash pipe culvert on Graf Road M.P. 1.34 spanning Scammon Creek.



Kruger Road MP 1.20 inlet



Kruger Road MP 1.20 outlet



Logan Hill Road MP 0.10 roadway



Logan Hill Road MP 0.10 inlet



Graf Road MP 1.34 inlet



Graf Road MP 1.34 looking out

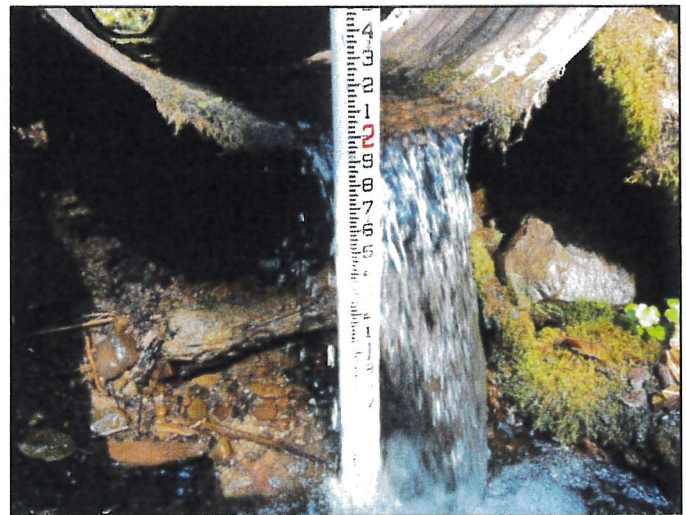


2023 State Funded Fish Passage Projects

Lewis County will be adding two bridges/culverts to their inventory in 2024 through the State Funded Fish Passage Projects. A 24' by 12' concrete box culvert will replace the existing 3' diameter corrugated metal pipe on Lucas Creek Road at M.P. 4.24 spanning an unnamed tributary to Lucas Creek. A 20' by 13' concrete box culvert will replace the existing 6' by 4' corrugated metal squash pipe culvert on Lucas Creek Road M.P. 4.39 spanning an unnamed tributary to Lucas Creek.



Lucas Creek Road MP 4.24 outlet



Lucas Creek Road MP 4.24 outlet drop



Lucas Creek Road MP 4.39 inlet



Lucas Creek Road MP 4.39 outlet



2023 County Funded Bridge Repair Project

Lewis County has awarded the FERRIER MP 3.49 bridge repair project to Massana Construction. The FERRIER bridge was built in 1924 and is a steel trough truss main span with wooden approach spans and is located on Ferrier Road at mile post 3.49. Recently there has been damage to the upper members of both portals (end of the bridge) and an upper cross bracing at the middle of the bridge from an over height truck. This bridge is posted at both bridge ends for height restrictions.

Repairs for this project are fabrication of new steel upper member at both ends and in the middle. Once fabricated the bent steel connected to the bridge will be members and replaced one at a time then the connection points will be painted.



Ferrier Bridge #93 bent cross bracing



Ferrier Bridge #93 bent portal bracing



Lewis County Bridge Sufficiency Ratings – 2023

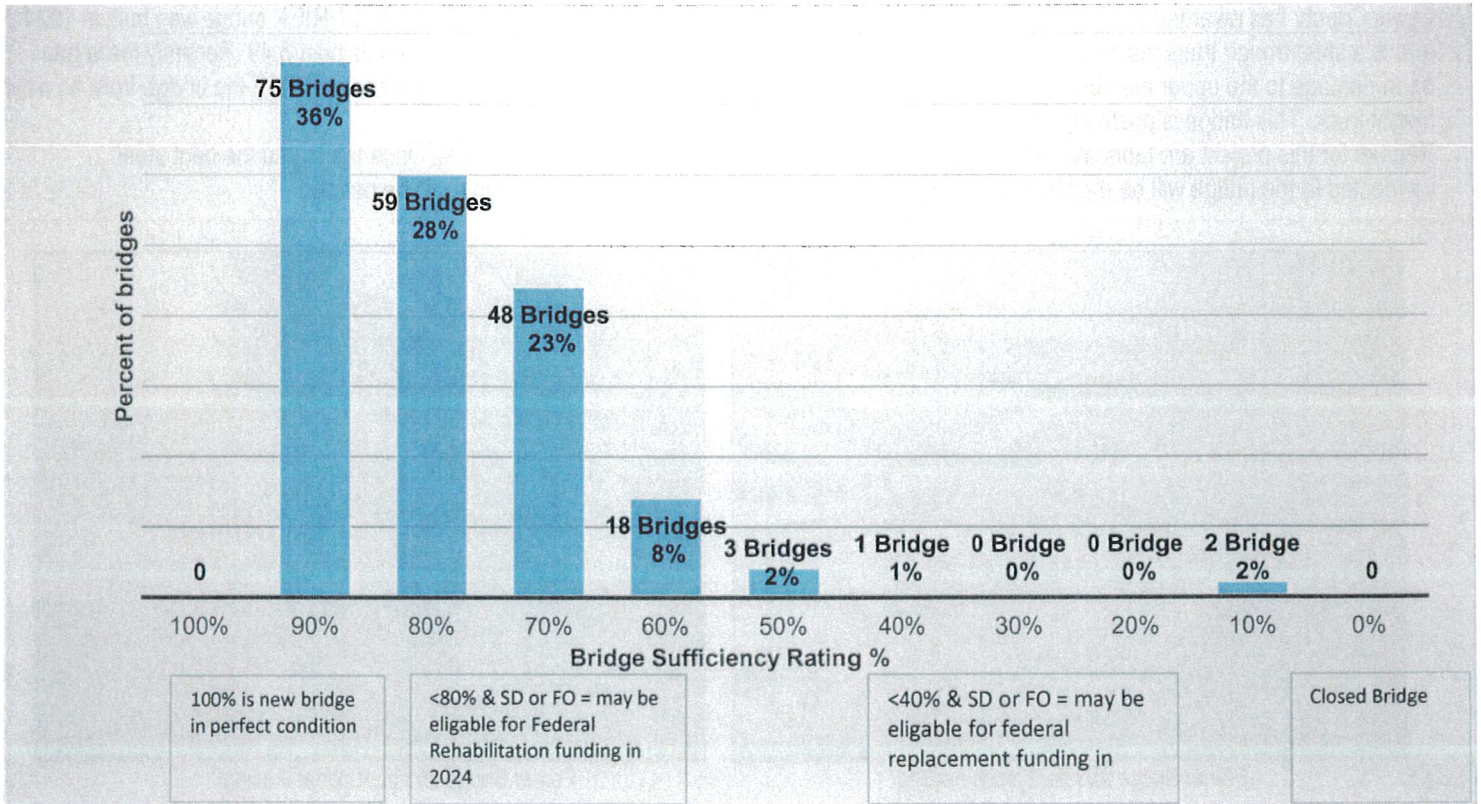




Exhibit C – Future Replacement/Rehabilitation Candidates

The following county bridges are listed, as of March 31, 2023, as functionally obsolete (FO) which is defined by FHWA as follows: a structure whose condition or design has impacted its ability to adequately carry its intended traffic loads. An FO bridge is one in which the deck geometry, load carrying capacity, clearance, or approach roadway alignment has reduced its ability to adequately meet the traffic needs. These bridges are below accepted design standards. Those bridges meeting the criteria for both SD and FO are only labeled SD, the structural deficiency overrides the functional obsolescence, and the bridge will be considered in the SD classification. At the top of the list for rehabilitation candidates is the Ceres Hill MP 0.79, Bridge #102. This bridge is a box girder single lane bridge built in 1948. A recent in-depth inspection revealed a series of structural defects that triggered a revised load rating to be completed. As a result of the new load rating the bridge was posted for below legal loading of multiple axle vehicles. Funding has been requested to assist in the cost of a repair to return the bridge back to its non-restrictive load carrying capacity.

Functionally Obsolete Bridges			
Bridge #	Name	Sufficiency Rating	SD/FO
1	Davison MP 0.01	7.16	SD
8	Hining MP 0.23	80.12	FO
13	Airport MP 1.42	74.71	FO
36	Coughlin MP 0.05	57.06	FO
41	Jylha MP 0.01	87.45	FO
45	Beaver Creek MP 0.02	95.33	FO
50	Teitzel MP 0.79	83.19	FO
69	Shorey MP 0.48	67.40	FO
80	Hyppa MP 0.01	82.76	FO
81	Kruger MP 0.69	67.88	FO
84	Pigeon Springs MP 1.95	82.62	FO
93	Ferrier MP 3.49	71.64	FO
99	Hendrickson MP 0.03	65.84	FO
102	Ceres Hill MP 0.79	10.98	FO
114	Rock Creek MP 0.03	75.8	FO
124	Hope Creek MP 0.94	72.99	FO
128	Shorey MP 0.81	78.46	FO
133	Jackson Hwy MP 1.96	50.22	FO
139	Elk Creek MP 2.96	69.85	FO
148	Cook MP 0.07	78.21	FO
163	Berry MP 1.91	77.27	FO
166	Brown West MP 0.11	68.74	FO
174	Stover MP 0.03	75.29	FO
196	Mandy MP 2.02	74.57	FO
212	Meade Hill MP 0.61	67.40	FO
228	Hwy 603 MP 13.39	64.36	FO



Maintenance and Repair Recommendations

The majority of bridge repair and maintenance work is done by county crews, with support from various vendors. This work includes cleaning minor painting and replacing existing components which have deteriorated (see Exhibit D). Other routine maintenance may include minor fascia repairs in wing walls, retaining walls, asphalt approaches, concrete repair, and bridge cleaning.

Bridges with Scour Concerns			
Bridge #	Name & Mile Post	Year Built	Scour Code
3	Wildwood MP 10.14	1955	3
39	Independence MP 0.33	1956	5
42	Independence MP 3.42	1956	5
66	North Fork MP 0.35	1958	5
77	Senn MP 0.89	1966	3
78	Labree MP 1.18	1970	3
99	Hendrickson MP 0.03	1927	3
130	Curtis Hill MP 3.28	1960	3
147	King MP 12.26	1960	3
149	King MP 1.59	1958	U
172	Sargent MP 1.33	1972	3
209	Wilson MP 0.23	1957	U

Exhibit D – Work Orders Completed in 2022-2023

Name	Date Noted	Comments
Various Bridges	2022-2023	Brush removal for routine inspections
Various Bridges	2022-2023	Bridge cleaning
Various Bridges	2022-2023	Wooden debris removal under bridges
Various Bridges	2022-2023	Spall repair with epoxy compound



Bridge Construction History 2002-2022

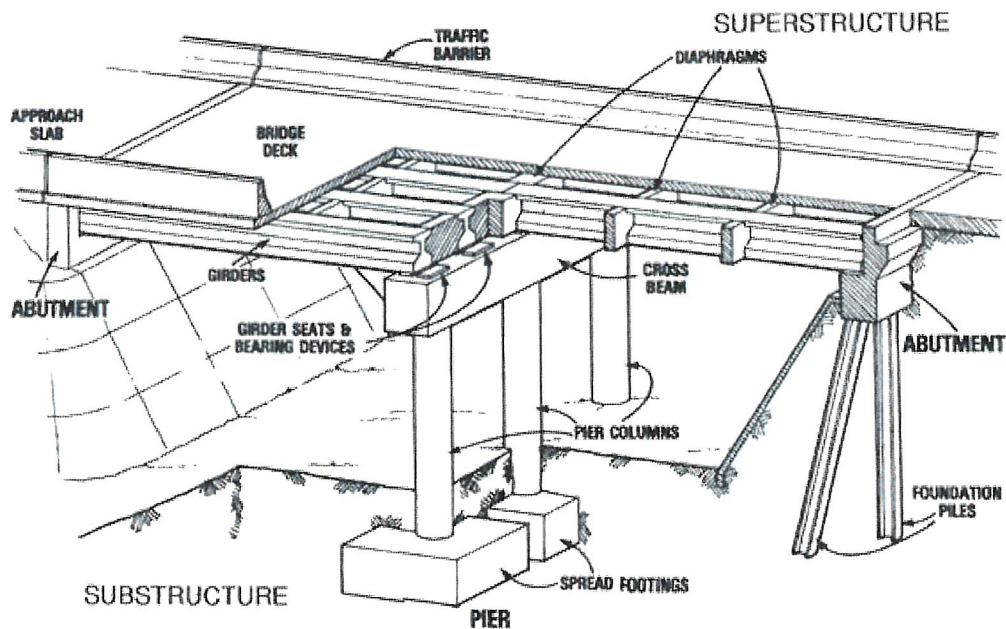
Legend
 *County Forces
 ** LCPW Contractor

YEAR BUILT, REBUILT OR
 REHABILITATED

	BRIDGE #	BRIDGE #	BRIDGE #
2022	**195	**87	
2021	**79	**223	
2020	**179	**170	
2019	**168	**169	
2018	**127		
2017	** 88		
2016	** 31		
2015	**125		
2014	*205		
2013	*83		
2011	** 20		
2010	** 55		
2009	* 76	* 110	
2007	** 51	** 73	** 74
2006	** 111	**71	
2005	** 109		
2004	** 33	** 108	
2003	** 14	** 21	
2002	** 54		

Glossary of Bridge Terms

Basic Bridge Parts



Abutment – a substructure supporting the end of a single span, or the extreme end of a multi-span super structure and, in general, retaining or supporting the bridge approach fill.

Approach Span – the span or spans connecting the abutment with the main span or spans.

Back Wall – the top-most portion of an abutment functioning primarily as a retaining wall to contain approach roadway fill.

Beam – a linear structural member designed to span from one support to another.

Bent – a supporting unit of the beams of a span made up of one or more column or column-like members connected at their top-most ends by a cap, strut, or other horizontal member.

Bracing – a system of tension or compression members, or a combination of these, connected to the parts to be supported or strengthened by a truss or frame. It transfers wind, dynamic, impact, and vibratory stresses to the substructure and gives

rigidity throughout the complete assemblage. Can also refer to diagonal members that tie two or more columns of a bent together.

Box Girder – a support beam that is a hollow box; its cross-section is a rectangle or square.

Cap – the horizontally-oriented, top-most piece or member of a bent sewing to distribute the beam loads upon the columns and to hold the beams in their proper relative positions.

Cast-In-Place – concrete poured within form work on site to create a structural element in its final position.

Catwalks – temporary foot bridges, used by bridge inspection personnel.

Chord – in a truss, the upper-most and the lower-most longitudinal members, extending the full length of the truss.



Column – a vertical structural member that transfers dead and live load from the bridge deck and girders to the footings or shafts.

Column Cross Brace – transverse brace between two main longitudinal members.

Compression – a type of stress involving pressing or squeezing together, tends to shorten a member, opposite of tension.

Culvert – a pipe or small structure used for drainage under a road, railroad, or other embankment. A culvert with a span length greater than 20 feet is included in the National Bridge Inventory and receives a rating using the NBI scale.

Dead Load – a static load due to the weight of the structure itself.

Deck – the roadway portion of a bridge that provides direct support for vehicular and pedestrian traffic.

Deck Bridge – a bridge in which the supporting members are all beneath the roadway.

Deck Truss – a bridge whose roadway is supported from beneath by a truss.

Diagonal – a sloping structural member of a truss or bracing system.

Elastomeric Pads – rectangular pads made of neoprene, found between the sub-structure and superstructure that bear the entire weight of the superstructure. Elastomeric pads can deform to allow for thermal movements of the superstructure.

End Wall – the wall located directly under each end of a bridge that holds back approach roadway fills. The end wall is part of the abutment.

Expansion Joint – a joint designed to provide means for expansion and contraction movements produced by temperature changes, load, or other forces.

Fatigue – cause of structural deficiencies, usually due to repetitive loading over time.

Footing – the enlarged, lower portion of a sub-structure that distributes the structure load either to the earth or to supporting piles; the most common footing is the concrete slab; “footer” is a colloquial term for footing.

Fracture Critical Member – a member in tension or with a tension element whose failure would probably cause a portion of or the entire bridge to collapse.

Girder – a main support member for the structure that usually receives loads from floor beams and stringers; also, any large beam, especially if built up.

Hanger – a tension member serving to suspend an attached member.

Hinge – a point in structure at which a member is free to rotate.

Live Load – vehicular traffic, wind, water, and/or earthquakes.

Lower Chord – the bottom horizontal member of a truss.

Main Beam – a beam supporting the spans and bearing directly onto a column or wall.

Member – an individual angle, beam, plate, or built piece intended to become an integral part of an assembled frame or structure.

Oscillation – a periodic movement back and forth between two extreme limits. An example is the string of a guitar that has been plucked. Its vibration back and forth is one oscillation. A vibration is described by its size (amplitude), its oscillation rate (frequency), and its timing (phase). In a suspension bridge, oscillation results from energy collected and stored by the bridge. If a part of the bridge must store more energy than it can store, that part will fail.

Pier – a structure comprised of stone, concrete, brick, steel, or wood that supports the ends of the spans of a multi-span superstructure at an intermediate location between abutments. A pier is usually a solid structure as opposed to a bent, which is made up of columns.

Pile – a linear (vertical) member of timber, steel, concrete, or composite materials driven into the earth to carry structure



loads into the soil.

Pile Bent – a row of driven or placed piles with a pile cap to hold them in their correct positions; see "Bent."

Plate Girder – a large, solid web plate with flange plates attached to the web plate by flange angles or fillet welds. Typically fabricated from steel.

Post or Column – a member resisting compressive stresses, in a vertical or near vertical position.

Pre-Cast Girder – fabricated off site of Portland Cement Concrete, reinforcing steel and post-tensioning cables. These girders are shipped to the construction site by truck and hoisted into place by cranes.

Reinforced Concrete – concrete with steel reinforcing bars bonded within it to supply increased tensile strength and durability.

Scour – erosive action of removing streambed material around bridge substructure due to water flow. Scour is of particular concern during high-water events.

Short Span Bridge – these bridges have a single NBIS span length of 20 feet or less. They are typically supported by timber piles or shallow concrete footings.

Soffit – the underside of the bridge deck or sidewalk.

Spall – a concrete deficiency wherein a portion of the concrete surface is popped off from the main structure due to the expansive forces of corroding steel rebar underneath. This is especially common on older concrete bridges.

Span – the distance between piers, towers, or abutments.

Steel – a very hard and strong alloy of iron and carbon

Stringer – a longitudinal beam (less than 30 feet long) supporting the bridge deck, and in large bridges, framed into or upon the floor beams.

Sufficiency Rating – the sufficiency rating is a numeric value 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.

Substructure – the abutment, piers, grillage, or other structure built to support the span or spans of a bridge superstructure and distributes all bridge loads to the ground surface. Includes abutments, piers, bents, and bearings.

Superstructure – the entire portion of a bridge structure which primarily receives and supports traffic loads and in turn transfers the reactions to the bridge substructure; usually consists of the deck and beams or, in the case of a truss bridge, the entire truss.

Tension – type of stress involving an action which pulls apart.

Tie – a member carrying tension.

Torsion – a twisting force or action.

Trestle – a bridge structure consisting of beam spans supported upon bents. Trestles are usually made of timber and have numerous diagonal braces, both within each bent and from bent to bent.

Truss – a rigid, jointed structure made up of individual straight pieces arranged and connected, usually in a triangular pattern, to support longer spans.

Truss Bridge – a bridge having a pair of trusses for the superstructure.

Upper Chord – the top longitudinal member truss.

Web – the portion of a beam located between and connected to the flanges.

Welded Joint – a joint in which the assembled elements and members are united through fusion of metal.

Wheel Rail – a timber curb fastened directly to the deck, most found on all-timber bridges.

Wing Wall – walls that slant outward from the corners of the overall bridge that support roadway fill of the approach.



APPENDIX A

Lewis County | 17 Short Span Bridges
Lewis County | 99 Scour Critical Bridges
Lewis County | 8 Culverts
Lewis County Bridge Inventory



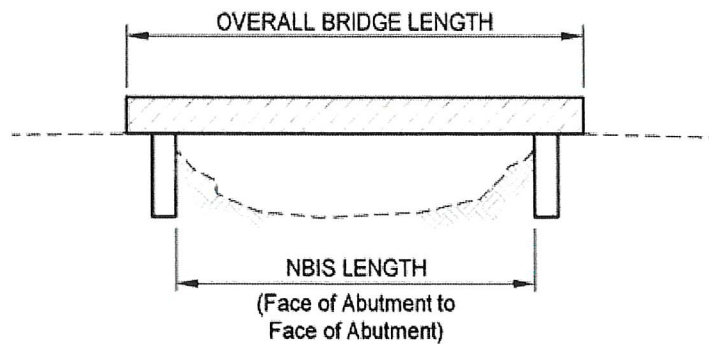
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Lewis County | 17 Short Span Bridges

Bridge	Name	Length-Ft	Width-Ft	Traffic	Year Built	Detour Length
26	Teague MP 0.57	21	20	105	1956	*
43	Big Hanaford MP 0.67	22	32	693	1985	9
57	Salzer Valley MP 3.27	21	28	443	1984	6
85	Jorgensen MP 1.82	20	24	662	1961	9
86	Little Hanaford MP 5.08	22	28.8	184	1997	*
121	Ingalls MP 0.22	16	20	212	1956	35
133	Jackson Hwy MP 1.96	22	36	5609	1926	6
134	Logan Hill MP 0.10	11	24	1108	1954	2
140	Katula MP 0.05	18	20	49	1952	*
151	Conrad MP 1.98	15	20	18	1957	4
157	Coal Creek MP 1.72	22	29.7	1010	1976	12
175	Silverbrook MP 5.34	21	23.2	96	1969	6
182	Peters Creek MP 0.19	18	24	4	1964	*
202	Van Hoesen MP 0.43	22	20	47	1957	*
208	Isbell MP 0.17	14	20	275	1958	3
217	Peters MP 0.62	20	24.2	244	1964	8
227	Jeffries MP 0.85	22	22.5	101	1962	2

*= detour route not available or greater than 99 miles



Short Span Bridges:

Bridges with an NBIS length of 20 feet or less are classified as short span bridges and are not eligible for BRAC funding under the current federal funding policy. There are currently no short span bridges recommended for replacement or rehabilitation.



Lewis County | 99 Scour Critical Bridges

Bridge #	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour	Scour
3	Wildwood MP 10.14	124	22.2	284	1955	36	3
5	Wildwood MP 0.05	150	24.3	239	1962	36	3
6	Lost Valley MP 0.29	180	28.3	157	1995	10	3
11	Twin Oaks MP 1.37	34	24	867	1950	7	U
12	Skate Creek MP 0.53	392	26	1331	1953	79	7
13	Airport MP 1.42	61	25	7230	1952	2	U
15	Wildwood MP 4.81	130	28.4	174	1970	36	3
16	Brim Creek MP 0.23	95	24	95	1960	6	3
17	Kirkland MP 0.31	223	28	674	1973	2	3
27	Tauscher MP 1.99	49	24	39	1951	4	U
28	Lincoln Creek MP 8.57	87	30	266	1977	35	3
30	Ingalls MP 2.11	50	21.5	248	1953	35	U
36	Coughlin MP 0.05	100	16.8	27	1922	*	7
37	Garrard Creek MP 4.35	59	24	107	1965	22	U
38	Garrard Creek MP 5.09	43	28	175	1972	22	U
40	Nelson MP 0.16	63	20	87	1955	*	U
44	Centralia Alpha MP 10.03	140	24.1	839	1960	3	3
49	Big Hanaford MP 6.68	30	20	189	1955	16	3
52	Elk Creek MP 0.85	162	20.4	325	1951	6	U
53	Little Hanaford MP 5.35	31	20.2	137	1957	2	U
58	Middle Fork MP 0.41	158	24	1424	1956	3	3
61	Drews Prairie MP 1.21	101	28	309	1971	1	U
62	Proffit MP 0.05	36	24	146	1960	6	U
63	Pe Ell McDonald MP 8.68	180	24.4	235	1959	12	7
64	Reynolds Ave MP 0.52	24	33	10213	1955	10	U
65	Bishop MP 1.54	22	0	3654	1955	5	U
67	Toledo Salmon Ck MP 2.74	28	0	104	1955	*	U
69	Shorey MP 0.48	380	24	2826	1960	6	U
75	Galvin MP 1.55	400	28	1941	1969	10	3
77	Senn MP 0.89	60	24	45	1966	2	3
78	Labree MP 1.18	180	28	750	1970	3	3
81	Kruger MP 0.69	25	18.2	248	1950	99	U
82	Blanchard MP 0.87	32	28	173	1955	2	U
89	Boistfort MP 4.59	440	28	847	1982	29	7
91	North Fork MP 6.11	161	24	274	1962	*	3
94	North Fork MP 7.19	175	25	212	1963	*	U



Bridge #	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour	Scour
95	North Fork MP 4.83	145	28	441	1980	3	7
99	Hendrickson MP 0.03	157	17.6	78	1927	*	U
102	Ceres Hill MP 0.79	200	16.2	144	1948	13	7
103	Deep Creek MP 3.18	53	30	66	1978	*	3
104	Tooley MP 0.84	118	28	103	1977	5	3
105	Jackson Hwy So. MP 1.01	217	34.2	1368	1923	5	3
106	Deep Creek MP 3.44	50	30	55	1978	*	3
107	Cannon MP 2.01	110	28	757	1976	*	7
112	Galvin MP 1.23	382	28	1941	1993	10	3
114	Rock Creek MP 0.03	76	14	17	1985	*	3
117	Thompson Road MP 0.55	162	21.7	12	1936	1	3
120	Stearns Hill MP 0.08	45	28	9	1984	*	7
122	Bunker MP 0.26	30	20	25	1955	*	U
123	Bunker MP 0.71	30	20	24	1955	*	U
128	Shorey MP 0.81	30	24.3	2814	1955	7	7
129	Ceres Hill MP 7.18	113	24	159	1963	7	3
130	Curtis Hill MP 3.28	46	24	642	1960	9	3
135	Jackson Hwy MP 4.56	82	36	3427	1926	8	U
136	Jackson Hwy MP 4.62	82	36	3427	1926	8	U
137	Jackson Hwy MP 4.67	55	36	3427	1926	8	U
139	Elk Creek MP 2.96	31	14	95	1983	*	3
142	Lech MP 0.24	30	20	14	1953	*	U
143	Pe Ell McDonald MP 6.35	30	21.2	229	1958	12	U
144	Pe Ell McDonald MP 7.31	30	23.8	280	1956	12	U
145	Roundtree MP 0.29	28	20.4	32	1960	*	U
146	Lost Valley MP 0.83	30	20	106	1953	9	U
147	King MP 12.26	46	26	148	1960	2	3
149	King MP 1.59	31	20.8	225	1958	9	U
152	Telegraph MP 0.77	23	24	102	1954	8	U
153	Telegraph MP 0.55	30	24	122	1965	8	U
154	Minkler MP 0.04	26	24	691	1951	6	U
156	Antrim MP 0.57	30	20	261	1958	3	U
159	Taylor MP 0.45	30	20.2	80	1954	*	U
161	Pleasant Valley MP 2.46	32	28	407	1982	5	7
164	Pleasant Valley MP 5.45	80	32	474	1975	2	3
165	Brown West MP 0.34	28	25	235	1950	1	U
166	Brown West MP 0.11	28	18.1	235	1950	1	U
167	Haywire MP 2.80	24	24	168	1963	5	U
172	Sargent MP 1.33	74	28	621	1972	5	3



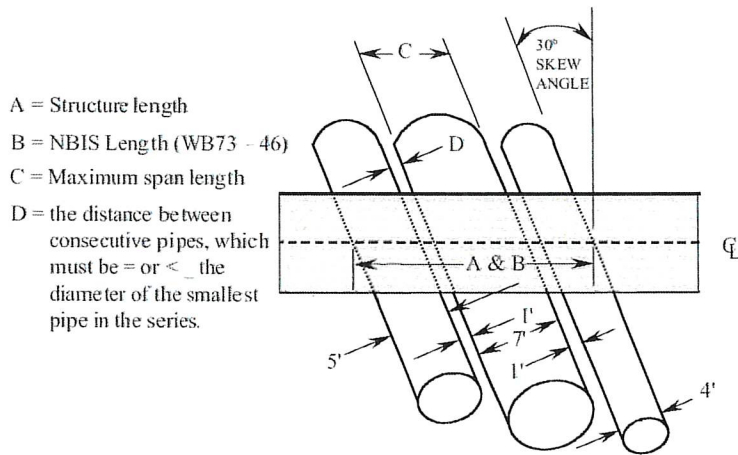
Bridge #	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour	Scour
183	Stowell MP 1.42	32	24	332	1960	6	U
185	Baker MP 0.58	112	20	23	1936	1	U
186	Baker MP 0.70	72	20	18	1936	*	U
187	Jackson Hwy MP 12.36	27	36	985	1926	8	U
188	Schmit MP 1.73	65	20.5	10	1953	*	U
189	Jackson Hwy MP 12.40	27	36	985	1926	8	U
190	Toledo Salmon Ck MP 3.33	87	14	31	1977	*	7
191	Jackson Hwy MP 12.12	27	36	936	1926	8	U
193	Skate Creek S. MP 0.45	92	26.6	1359	1955	75	U
194	Walker MP 0.68	24	20	76	1957	3	U
196	Mandy MP 2.02	78	20	142	1953	4	U
199	Leonard MP 2.52	32	26	1725	1962	4	U
200	Frase MP 0.22	53	19.2	4	1967	*	3
201	Oyler MP 3.24	30	24	398	1952	7	7
206	Roundtop MP 0.07	63	28	18	1989	*	3
207	Mineral Creek MP 0.44	52	24	364	1967	*	3
209	Wilson MP 0.23	24	20	105	1957	*	U
210	Salmon Creek MP 0.19	60	20	192	1953	*	U
211	Anderson MP 0.56	60	24.2	83	1965	5	3
212	Meade Hill MP 0.61	36	20.5	245	1958	4	U
214	Cispus MP 3.01	31	24.2	254	1952	5	U
221	Stowell MP 0.57	30	30.8	325	1955	4	7
224	Kiona MP 0.35	50	24.2	724	1962	8	U
229	Hwy 603 MP 0.14	377	28	1697	1991	6	3

*=detour not available or greater than 99 miles

Lewis County | 8 Culverts

Bridge	Name	Length-Ft	Lanes	Traffic	Year	Detour Length
21	Howe MP 2.60	31	2	40	2003	5
65	Bishop MP 1.54	22	2	3654	1955	5
67	Toledo Salmon CK MP	28	2	104	1955	*
71	Lucas Creek MP 5.17	21	2	9	2006	*
73	Pattee MP 0.82	21	2	52	2007	*
110	Carr MP 2.74	24	2	10	2009	*
160	Henriot MP 0.48	32	2	349	1975	5
192	Jackson Hwy MP 14.00	48	2	932	1926	8

*=detour not available or greater than 99 miles



$$\text{Opening Distance} = 18' = 5' + 1' + 7' + 1' + 4'$$

$$A \text{ (normal to the pipes)} = \frac{18'}{\cos(30)} = \frac{18'}{.867} = 20.76' \text{ (Code: } 2\theta\text{)}$$

$$C = \frac{18'}{\cos(30)} = 8.08' \text{ (Code: } 8\text{')}$$



Lewis County Bridge Inventory

Bridge	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour Length
1	Davison MP 0.01	103	17.3	117	1924	*
2	Holcomb MP 0.81	25	29.3	163	1940	6
3	Wildwood MP 10.14	124	22.2	284	1955	36
4	Elk Creek MP 2.84	54	14	95	1952	*
5	Wildwood MP 0.05	150	24.3	239	1962	36
6	Lost Valley MP 0.29	180	28.3	157	1995	10
7	Newaukum Valley MP 2.38	24	24.4	230	1950	7
8	Hining MP 0.23	76	23.7	29	1957	1
9	Maschke MP 0.03	120	26	37	1974	*
10	Wildwood MP 5.19	204	22.4	191	1955	36
11	Twin Oaks MP 1.37	34	24	867	1950	7
12	Skate Creek MP 0.53	392	26	1331	1953	79
13	Airport MP 1.42	61	25	7230	1952	2
14	Big Hanaford MP 9.50	70	29.6	36	2003	*
15	Wildwood MP 4.81	130	28.4	174	1970	36
16	Brim Creek MP 0.23	95	24	95	1960	6
17	Kirkland MP 0.31	223	28	674	1973	2
18	Chandler MP 1.37	158	24	69	1962	3
19	Goodrich MP 0.50	154	24	180	1961	*
20	Jackson Hwy MP 4.49	179	40	3565	2011	8
21	Howe MP 2.60	31	0	40	2003	5
22	Lincoln Creek MP 1.02	144	29.7	710	1976	35
23	Hadaller MP 0.42	112	26	438	1961	*
24	Teague MP 0.08	68	24	43	1964	*
25	Boistfort MP 1.09	204	24.3	686	1958	7
26	Teague MP 0.57	21	20	105	1956	*
27	Tauscher MP 1.99	49	24	39	1951	4
28	Lincoln Creek MP 8.57	87	30	266	1977	35
29	Lincoln Creek MP 9.83	120	28	269	1997	35
30	Ingalls MP 2.11	50	21.5	248	1953	35
31	Lincoln Creek MP 11.91	60	29.7	218	2016	*
32	Harrison Ave MP 2.54	71	40	9304	1926	11
33	Falls MP 3.12	102	30.5	99	2004	*
34	Garrard Creek MP 0.07	73	24	219	1968	22
35	Garrard Creek MP 0.22	40	24	192	1965	22
36	Coughlin MP 0.05	100	16.8	27	1922	*



Bridge	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour Length
37	Garrard Creek MP 4.35	59	24	107	1965	22
38	Garrard Creek MP 5.09	43	28	175	1972	22
39	Independence MP 0.33	104	24	273	1956	18
40	Nelson MP 0.16	63	20	87	1955	*
41	Jylha MP 0.01	74	28	56	1971	*
42	Independence MP 3.42	82	26	523	1956	18
43	Big Hanaford MP 0.67	22	32	693	1985	9
44	Centralia Alpha MP 10.03	140	24.1	839	1960	3
45	Beaver Creek MP 0.02	134	28	109	1982	2
46	Pleasant Vly Est MP 0.29	67	28	189	1976	*
47	Big Hanaford MP 1.13	70	32	798	1974	10
48	Big Hanaford MP 2.11	51	32	561	1974	10
49	Big Hanaford MP 6.68	30	20	189	1955	16
50	Teitzel MP 0.79	46	24	110	1966	8
51	Deep Creek MP 3.93	78	28	10	2007	*
52	Elk Creek MP 0.85	162	20.4	325	1951	6
53	Little Hanaford MP 5.35	31	20.2	137	1957	2
54	Annonen MP 0.14	140	28	47	2002	2
55	Chandler MP 0.06	240	28	500	2010	6
56	Elk Creek MP 0.18	220	24.3	325	1963	6
57	Salzer Valley MP 3.27	21	28	258	1984	6
58	Middle Fork MP 0.41	158	24	1424	1956	3
59	Haywire MP 2.40	22	25	238	1940	5
60	Haywire MP 2.55	23	20	238	1940	2
61	Drews Prairie MP 1.21	101	28	309	1971	1
62	Proffit MP 0.05	36	24	146	1960	6
63	Pe Ell McDonald MP 8.68	180	24.4	235	1959	12
64	Reynolds Ave MP 0.52	24	33	10213	1955	10
65	Bishop MP 1.54	22	0	3654	1955	5
66	North Fork MP 0.35	204	24	1493	1958	3
67	Toledo Salmon Ck MP 2.74	28	0	104	1955	*
68	Centralia Alpha MP 0.17	69	28	1732	1983	12
69	Shorey MP 0.48	380	24	2826	1960	6
70	Leonard MP 0.32	150	28	1929	1992	9
71	Lucas Creek MP 5.17	21	0	6	2006	*
72	Alvord MP 0.32	47	24	25	1964	*
73	Pattee MP 0.82	21	30	52	2007	*
74	Logan Hill MP 1.10	28	30.2	1001	2007	4
75	Galvin MP 1.55	400	28	1941	1969	10



Bridge	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour Length
76	Anderson MP 0.05	26	21.4	36	2009	*
77	Senn MP 0.89	60	24	45	1966	2
78	Labree MP 1.18	180	28	750	1970	3
79	Cousins MP 3.15	45	28.1	168	2021	*
80	Hyppa MP 0.01	73	24	23	1968	*
81	Kruger MP 0.69	25	18.2	248	1950	*
82	Blanchard MP 0.87	32	28	173	1955	2
83	Wildwood MP 2.99	30	25	170	2013	39
84	Pigeon Springs MP 1.95	32	18.3	35	1954	*
85	Jorgensen MP 1.82	20	24	662	1961	9
86	Little Hanaford MP 5.08	22	28.8	194	1997	*
87	Centralia Alpha MP 15.79	26	28.6	498	2022	5
88	Pleasant Vly Est MP 3.45	26	27.9	13	2017	*
89	Boistfort MP 4.59	440	28	847	1982	29
90	North Fork MP 0.70	300	34	1259	2000	6
91	North Fork MP 6.11	161	24	274	1962	*
92	Chilvers MP 1.55	28	30	774	1980	4
93	Ferrier MP 3.49	153	17.6	215	1924	5
94	North Fork MP 7.19	175	25	212	1963	*
95	North Fork MP 4.83	145	28	441	1980	3
96	Jorgensen MP 0.45	170	27.9	798	1996	9
97	Gish MP 0.03	170	28.2	495	1996	8
98	Guerrier MP 0.01	170	28.2	261	1996	*
99	Hendrickson MP 0.03	157	17.6	78	1927	*
100	Winlock Vader MP 0.26	116	24.3	1662	1928	2
101	Tauscher MP 2.64	123	28	270	1991	4
102	Ceres Hill MP 0.79	200	16.2	144	1948	13
103	Deep Creek MP 3.18	53	30	66	1978	*
104	Tooley MP 0.84	118	28	103	1977	5
105	Jackson Hwy So. MP 1.01	217	34.2	1368	1923	5
106	Deep Creek MP 3.44	50	30	55	1978	*
107	Cannon MP 2.01	110	28	757	1976	*
108	Jones MP 0.06	130	24	11	2004	*
109	Mineral Creek MP 1.21	200	28	168	2005	*
110	Carr MP 2.74	24	38.6	10	2009	*
111	Silverbrook MP 2.61	130	34	462	2006	1
112	Galvin MP 1.23	382	28	1941	1993	10
113	Kollock MP 0.19	95	14	45	1977	*
114	Rock Creek MP 0.03	76	14	17	1985	*



Bridge	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour Length
115	Osborn MP 0.27	61	24	301	1968	*
116	Craig MP 0.48	100	28	125	1978	5
117	Thompson Road MP 0.55	162	21.7	12	1936	1
118	Bunker Creek MP 3.46	72	28	676	1983	35
119	Bunker Creek MP 3.50	111	28	676	1983	35
120	Stearns Hill MP 0.08	45	28	9	1984	*
121	Ingalls MP 0.22	16	20	225	1956	35
122	Bunker MP 0.26	30	20	25	1955	*
123	Bunker MP 0.71	30	20	24	1955	*
124	Hope Creek MP 0.94	40	14	1	2000	*
125	Mays Bridge MP 0.05	209	28	302	2015	7
126	Twin Oaks MP 0.32	107	30	923	1979	7
127	Bunker Creek MP 5.95	29	26.5	422	2018	35
128	Shorey MP 0.81	30	24.3	2814	1955	7
129	Ceres Hill MP 7.18	113	24	159	1963	7
130	Curtis Hill MP 3.28	46	24	642	1960	9
131	Burri MP 0.13	60	14	47	1988	*
133	Jackson Hwy MP 1.96	22	36	5609	1926	6
134	Logan Hill MP 0.10	11	24	994	1954	2
135	Jackson Hwy MP 4.56	82	36	3427	1926	8
136	Jackson Hwy MP 4.62	82	36	3427	1926	8
137	Jackson Hwy MP 4.67	55	36	3427	1926	8
138	Elk Creek MP 1.56	26	20	202	1952	*
139	Elk Creek MP 2.96	31	14	95	1983	*
140	Katula MP 0.05	18	20	71	1952	*
141	Beam MP 0.39	33	24	23	1972	*
142	Lech MP 0.24	30	20	14	1953	*
143	Pe Ell McDonald MP 6.35	30	21.2	229	1958	12
144	Pe Ell McDonald MP 7.31	30	23.8	280	1956	12
145	Roundtree MP 0.29	28	20.4	32	1960	*
146	Lost Valley MP 0.83	30	20	106	1953	9
147	King MP 12.26	46	26	148	1960	2
148	Cook MP 0.07	55	16	25	1994	*
149	King MP 1.59	31	20.8	225	1958	9
150	Coma MP 1.89	46	24	66	1960	3
151	Conrad MP 1.98	15	20	18	1957	4
152	Telegraph MP 0.77	23	24	102	1954	8
153	Telegraph MP 0.55	30	24	122	1965	8
154	Minkler MP 0.04	26	24	691	1951	6



Lewis County Public Works

2023 Annual Bridge Report

Bridge	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour Length
155	North Military MP 4.54	40	34	2252	1995	7
156	Antrim MP 0.57	30	20	261	1958	3
157	Coal Creek MP 1.72	22	29.7	999	1976	12
158	Coal Creek MP 1.81	30	29.7	1047	1976	12
159	Taylor MP 0.45	30	20.2	80	1954	*
160	Henriot MP 0.48	32	39	304	1975	5
161	Pleasant Valley MP 2.46	32	28	407	1982	5
162	Pleasant Valley MP 2.91	53	28	496	1987	5
163	Berry MP 1.91	55	16.2	20	1994	*
164	Pleasant Valley MP 5.45	80	32	474	1975	2
165	Brown West MP 0.34	28	25	235	1950	1
166	Brown West MP 0.11	28	18.1	235	1950	1
167	Haywire MP 2.80	24	24	168	1963	5
168	Pigeon Springs MP 0.50	21	28.3	69	2019	*
169	Middle Fork MP 7.07	24	27.4	482	2019	4
170	Snyder MP 0.20	21	29	212	2020	*
171	Scheuber MP 3.45	29	30	888	1978	11
172	Sargent MP 1.33	74	28	621	1972	5
173	Magnus MP 0.10	40	28	36	1985	*
174	Stover MP 0.03	68	24	42	1967	*
175	Silverbrook MP 5.34	21	23.2	96	1969	6
176	Cedar Creek MP 1.87	59	30	63	1977	*
177	Silverbrook MP 4.07	52	28	95	1975	3
178	Nicholson MP 0.45	33	24	98	1972	*
179	Graf MP 1.01	62	28.8	480	2020	1
180	Collins MP 0.48	30	24	259	1962	3
182	Peters Creek MP 0.19	18	24	4	1964	*
183	Stowell MP 1.42	32	24	332	1960	6
185	Baker MP 0.58	112	20	23	1936	1
186	Baker MP 0.70	72	20	18	1936	*
187	Jackson Hwy MP 12.36	27	36	985	1926	8
188	Schmit MP 1.73	65	20.5	10	1953	*
189	Jackson Hwy MP 12.40	27	36	985	1926	8
190	Toledo Salmon Ck MP 3.33	87	14	31	1977	*
191	Jackson Hwy MP 12.12	27	36	936	1926	8
192	Jackson Hwy MP 14.00	33	30	932	1926	8
193	Skate Creek S. MP 0.45	92	26.6	1359	1955	75
194	Walker MP 0.68	24	20	76	1957	3
195	Crumb MP 0.17	29	28	15	2022	*



Bridge	Bridge Name	Length-Ft	Curb to Curb	Traffic	Year Built	Detour Length
196	Mandy MP 2.02	78	20	142	1953	4
197	Spencer MP 5.38	24	28.2	363	1958	9
198	Tucker MP 0.01	33	32	1205	1974	9
199	Leonard MP 2.52	32	26	1725	1962	4
200	Frase MP 0.22	53	19.2	4	1967	*
201	Oyler MP 3.24	30	24	398	1952	7
202	Van Hoesen MP 0.43	22	20	47	1957	*
203	Panisco MP 0.34	40	24	45	1973	*
204	Cinebar MP 1.33	40	32	482	1975	21
205	Godfrey M P 0.29	23	22	77	2014	2
206	Roundtop MP 0.07	63	28	18	1989	*
207	Mineral Creek MP 0.44	52	24	364	1967	*
208	Isbell MP 0.17	14	20	275	1958	3
209	Wilson MP 0.23	24	20	105	1957	*
210	Salmon Creek MP 0.19	60	20	192	1953	*
211	Anderson MP 0.56	60	24.2	83	1965	5
212	Meade Hill MP 0.61	36	20.5	245	1958	4
214	Cispus MP 3.01	31	24.2	254	1952	5
215	Cline MP 7.86	50	28	45	2000	20
216	Peters MP 0.25	28	24.7	192	1964	8
217	Peters MP 0.62	20	24.2	244	1964	8
218	Peters MP 0.72	32	24.2	244	1964	8
219	Peters MP 1.13	83	24.2	244	1964	8
220	Temple MP 0.35	32.5	24	53	1990	2
221	Stowell MP 0.57	30	30.8	325	1955	4
223	Townsend MP 0.22	64	18.4	1	2021	*
224	Kiona MP 0.35	50	24.2	724	1962	8
225	Riffe MP 0.14	30	24	6	1962	*
227	Jeffries MP 0.85	22	22.5	101	1962	2
228	Hwy 603 MP 13.39	119	26	2472	1945	1
229	Hwy 603 MP 0.14	377	28	1697	1991	6

*Denotes detour route not available or greater than 99 miles



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APPENDIX B

Lewis County, Washington
Commissioner Districts



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Lewis County Public Works

2023 Annual Bridge Report

Appendix C

Emergency Bridge Inspection Priority Rating



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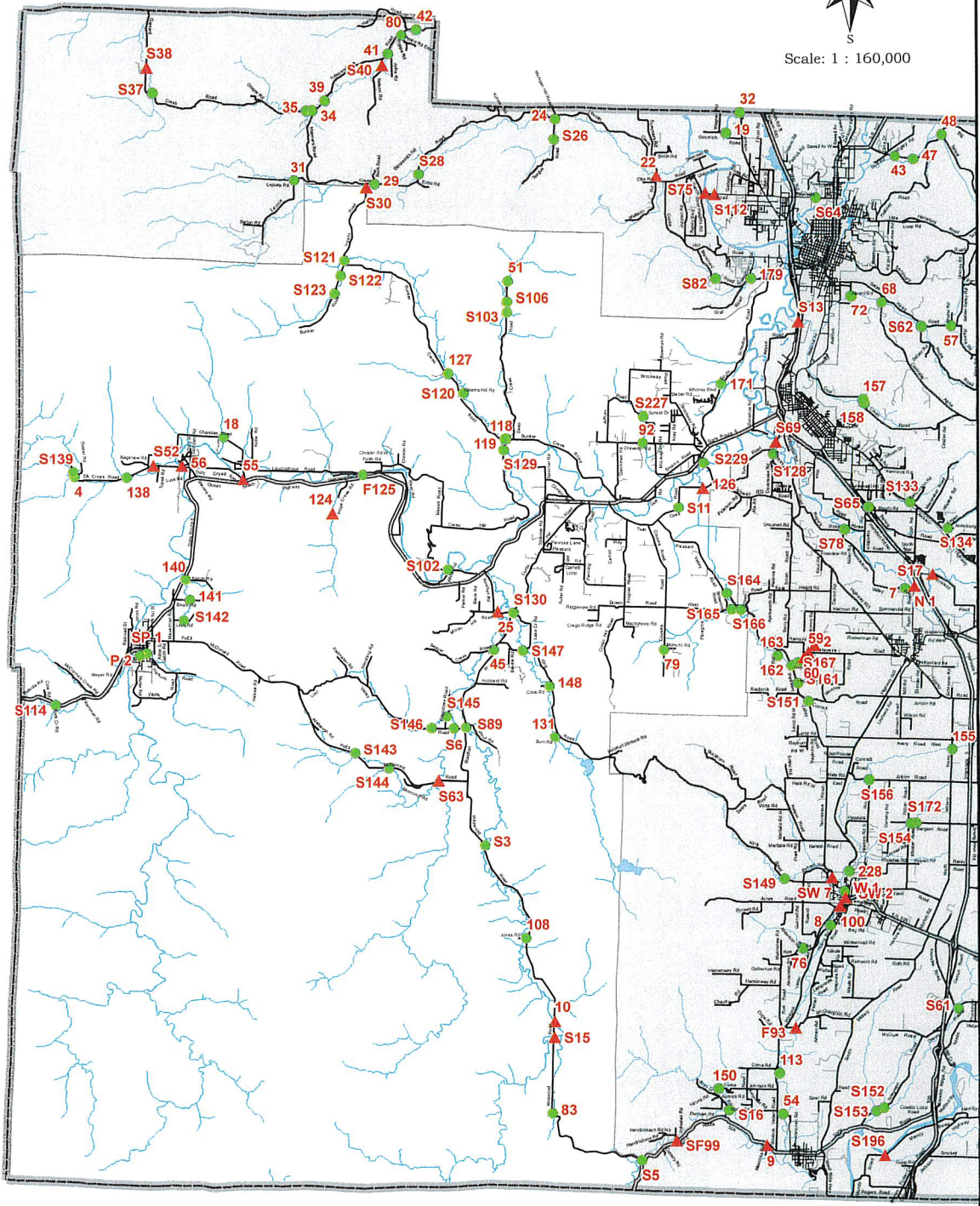
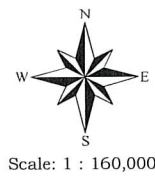


Appendix D

Emergency Bridge Inspection and Liquefaction susceptibility



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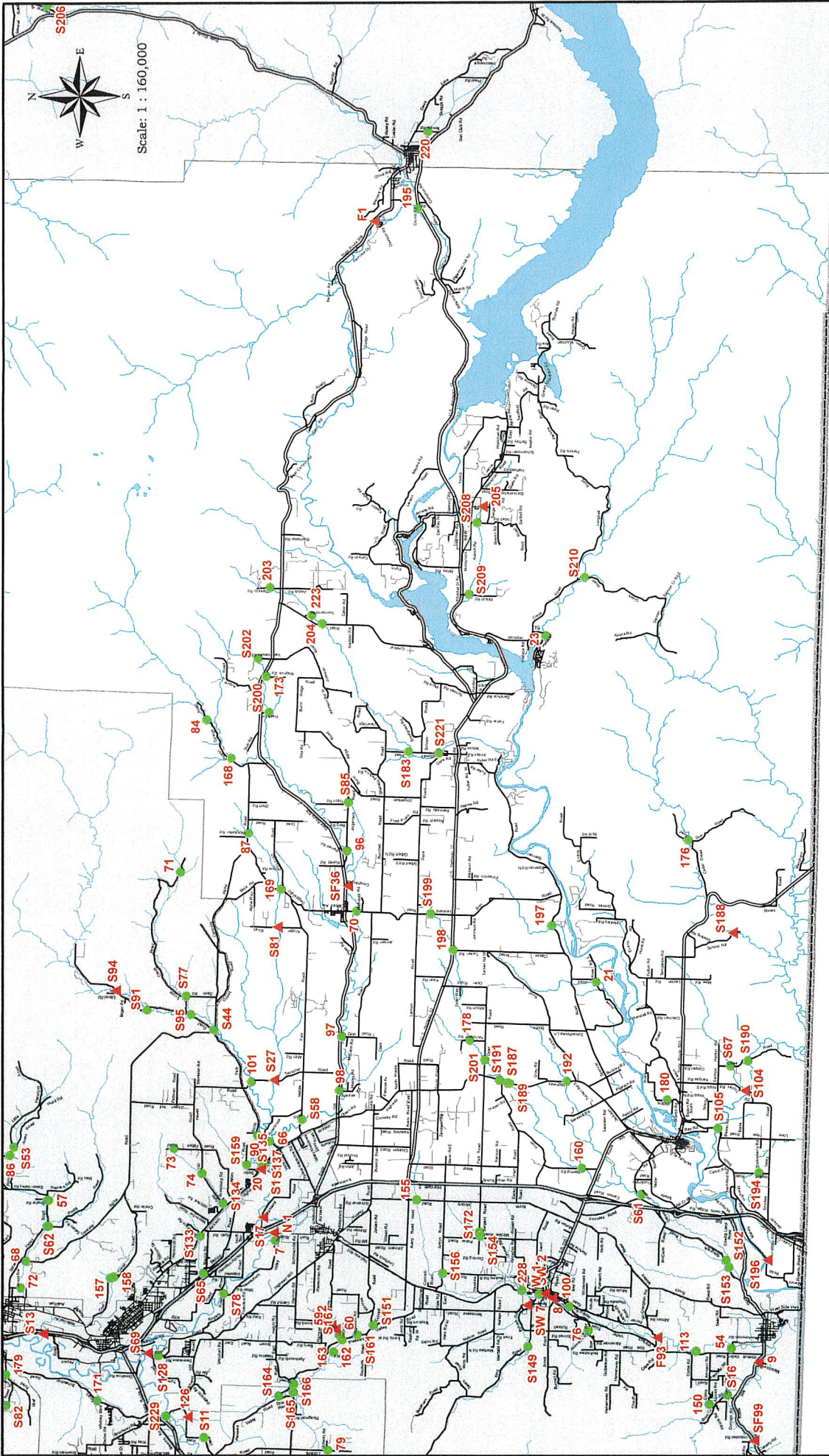
- Earthquake**
- ▲ High Damage Potential - Priority 1
 - Moderate Damage Potential - Priority 2
- Flood**
- S - Scour Critical Bridges
- Loading / Special inspection**
- F - Fracture Critical

Area 2 Bridges

Emergency Event Inspections

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.

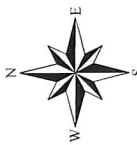




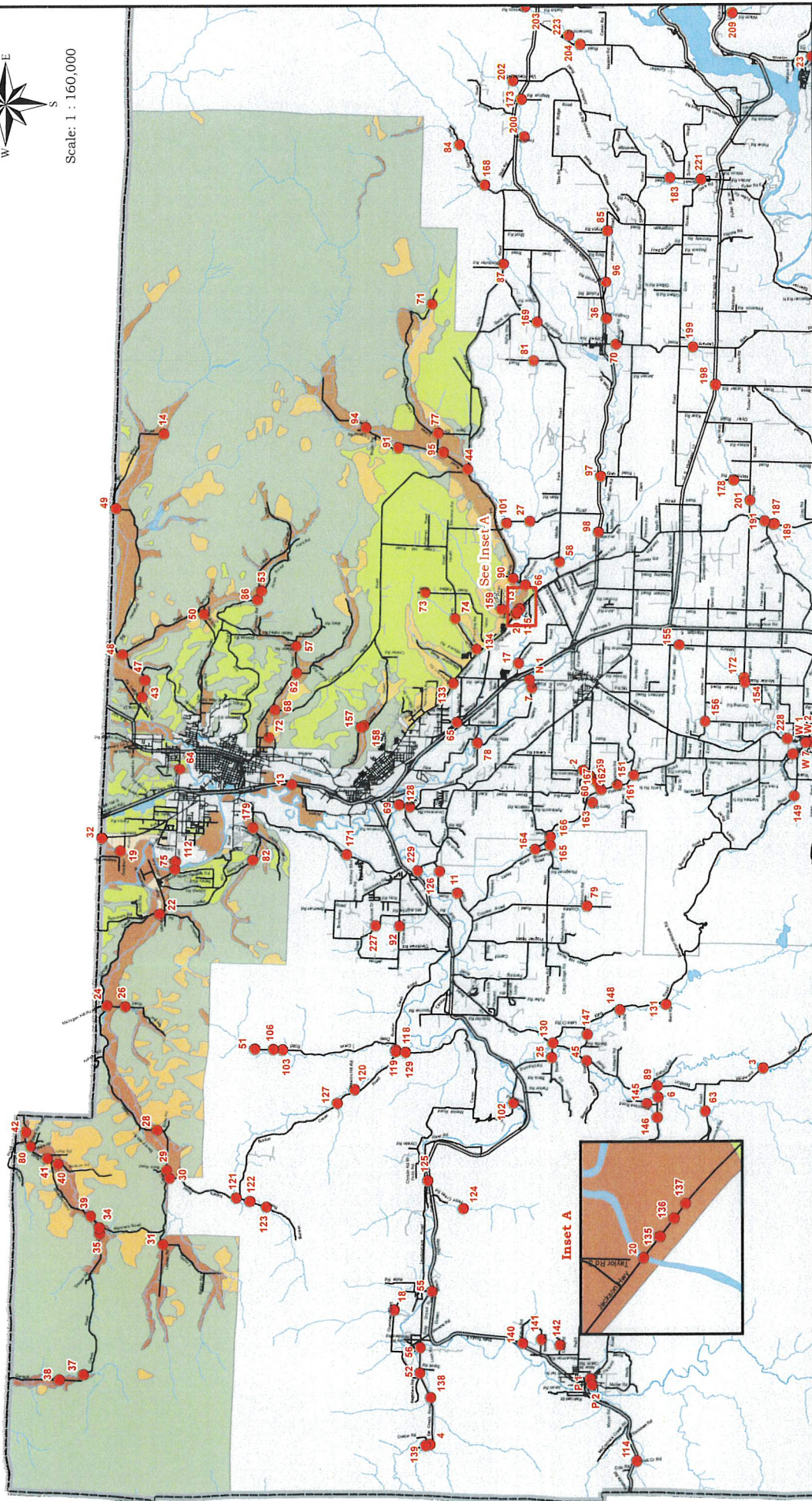
This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.

Area 5 Bridges Emergency Event Inspections

- | | |
|---|--|
| <p>Earthquake</p> <ul style="list-style-type: none"> ▲ High Damage Potential - Priority 1 ● Moderate Damage Potential - Priority 2 | <p>Flood</p> <ul style="list-style-type: none"> S = Severe Critical Bridges <p>Loading / Special Inspection</p> <ul style="list-style-type: none"> ▲ Fracture Critical |
|---|--|



Scale: 1 : 160,000

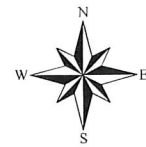


Liquefaction Susceptibility

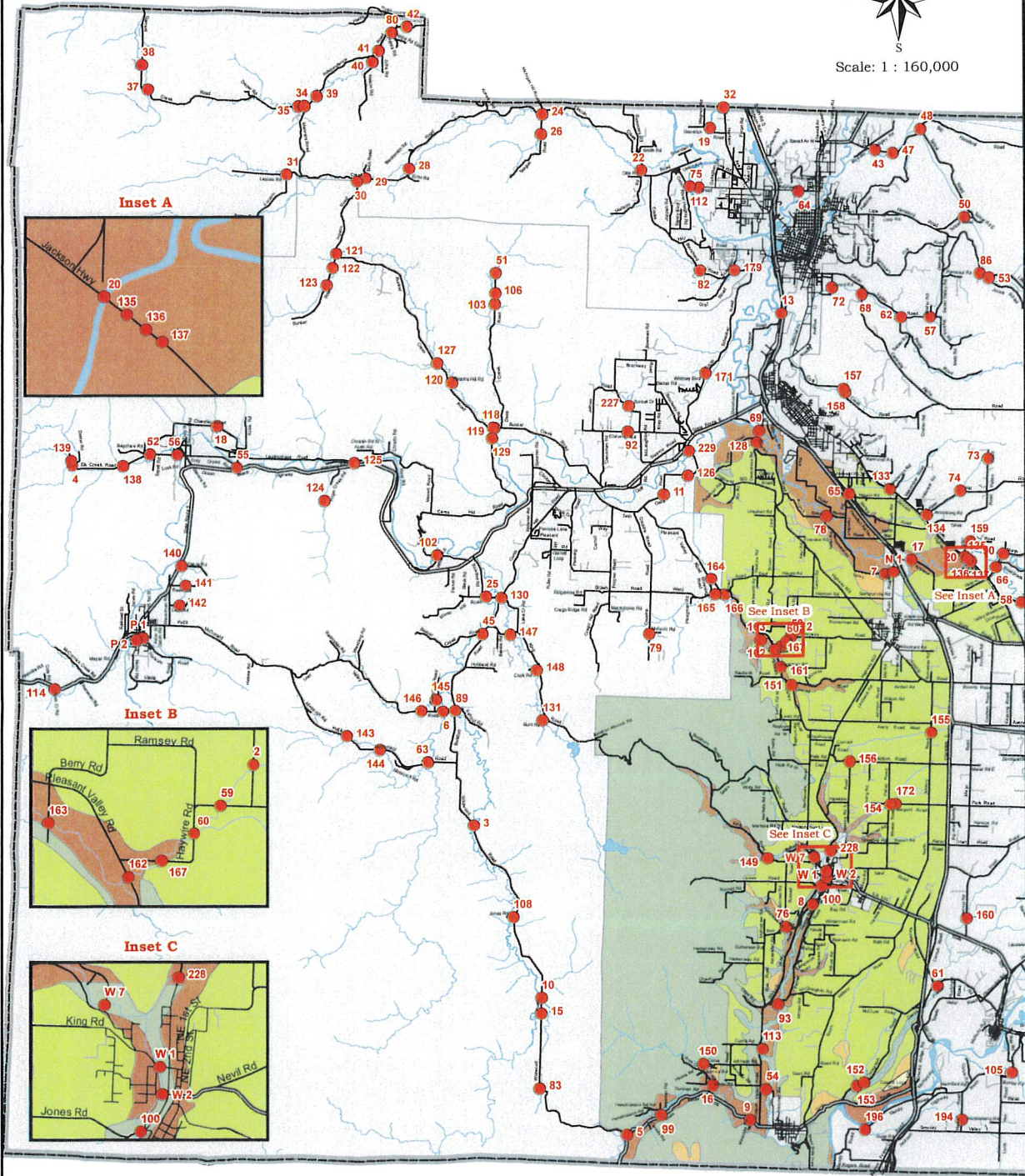
- Moderate to High
- Low
- Very Low
- Bedrock

Area 1 Bridges Liquefaction Susceptibility

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.



Scale: 1 : 160,000



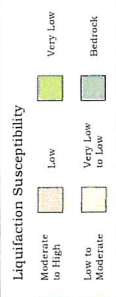
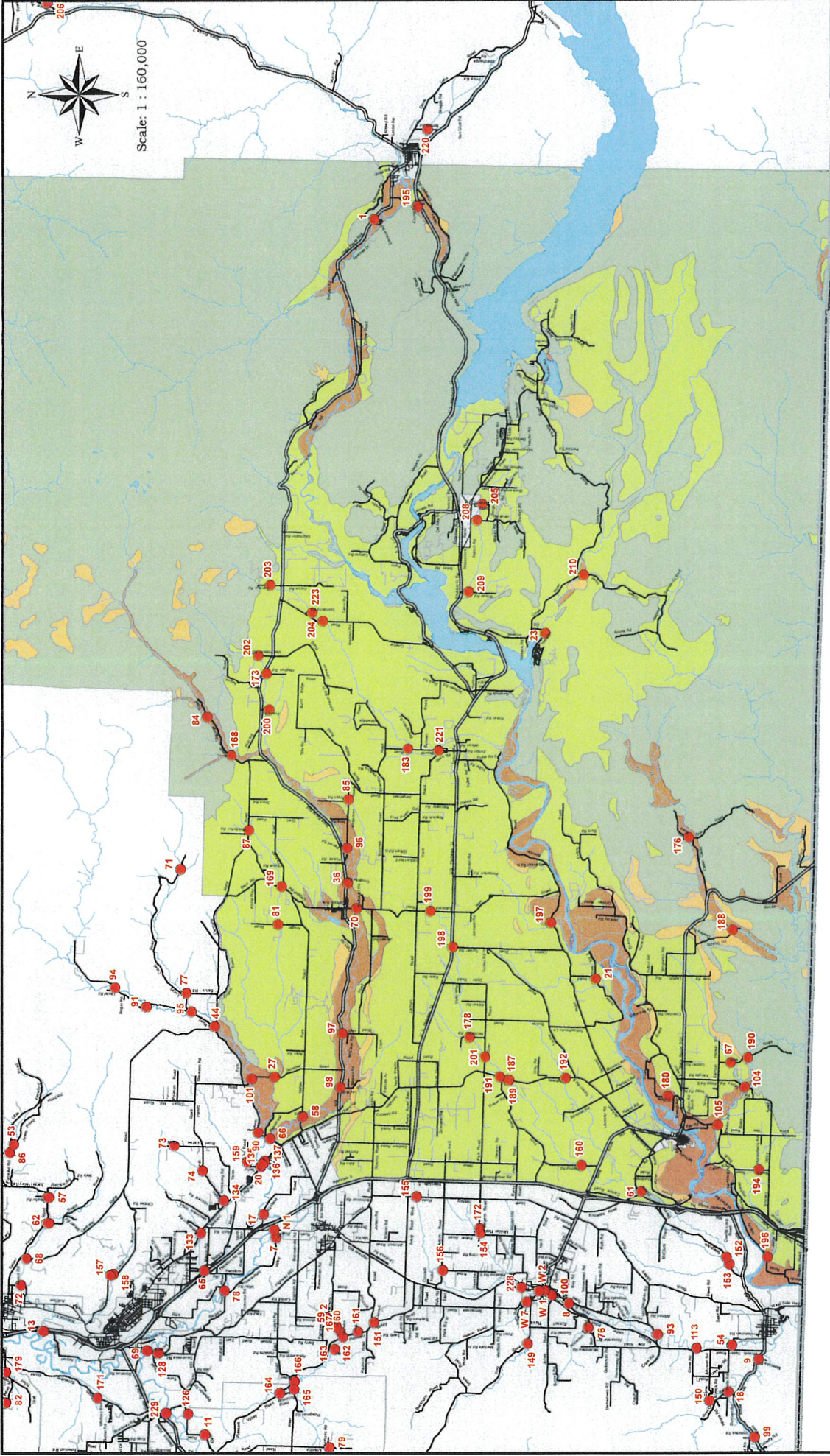
Liquefaction Susceptibility

- Moderate to High
- Low to Moderate
- Low
- Very Low
- Very Low
- Bedrock
- Very Low to Low

Area 3 Bridges

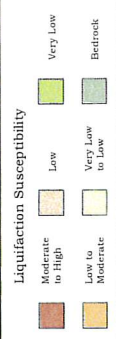
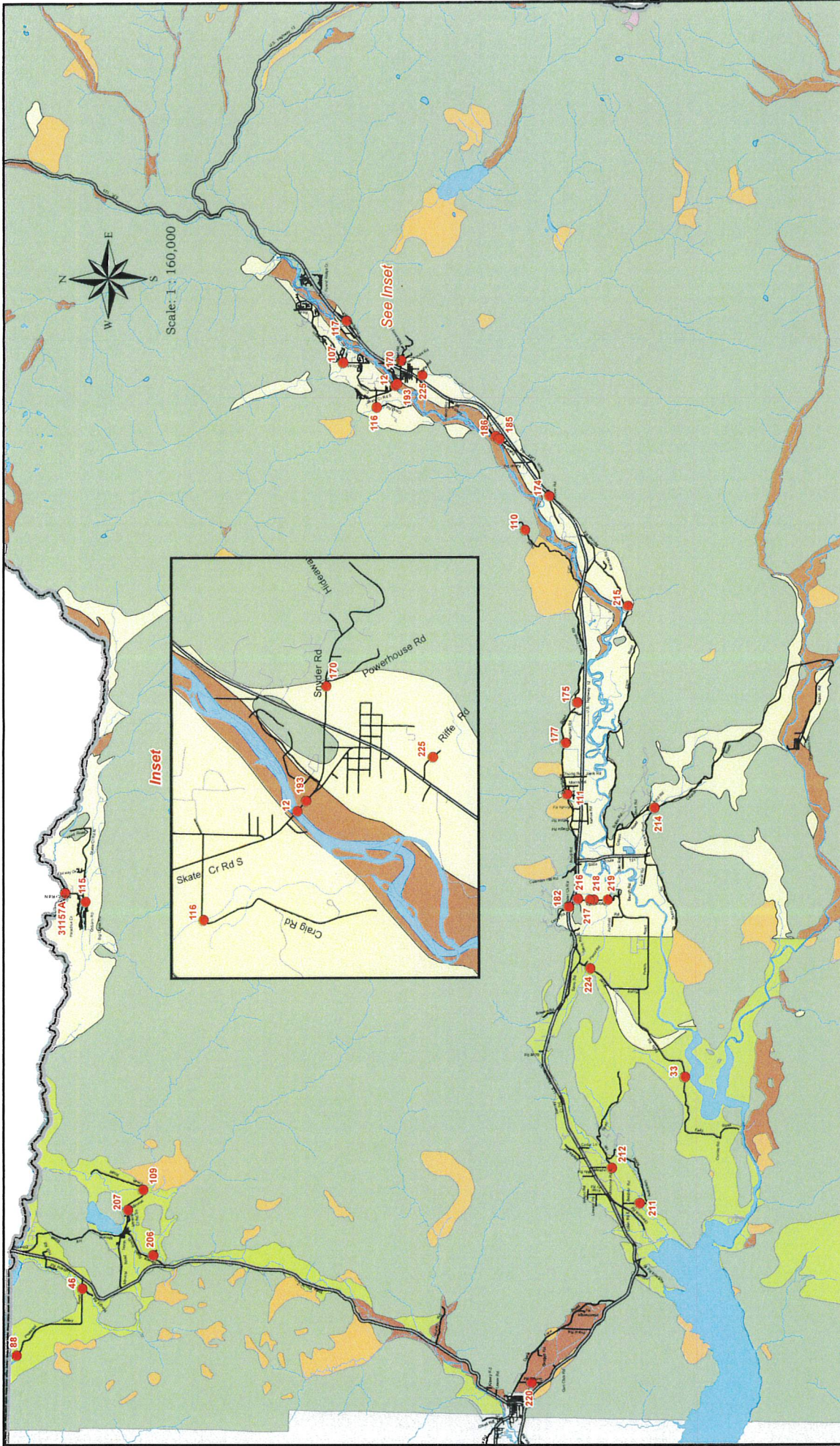
Liquefaction Susceptibility

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.



Area 5 Bridges Liquefaction Susceptibility

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.



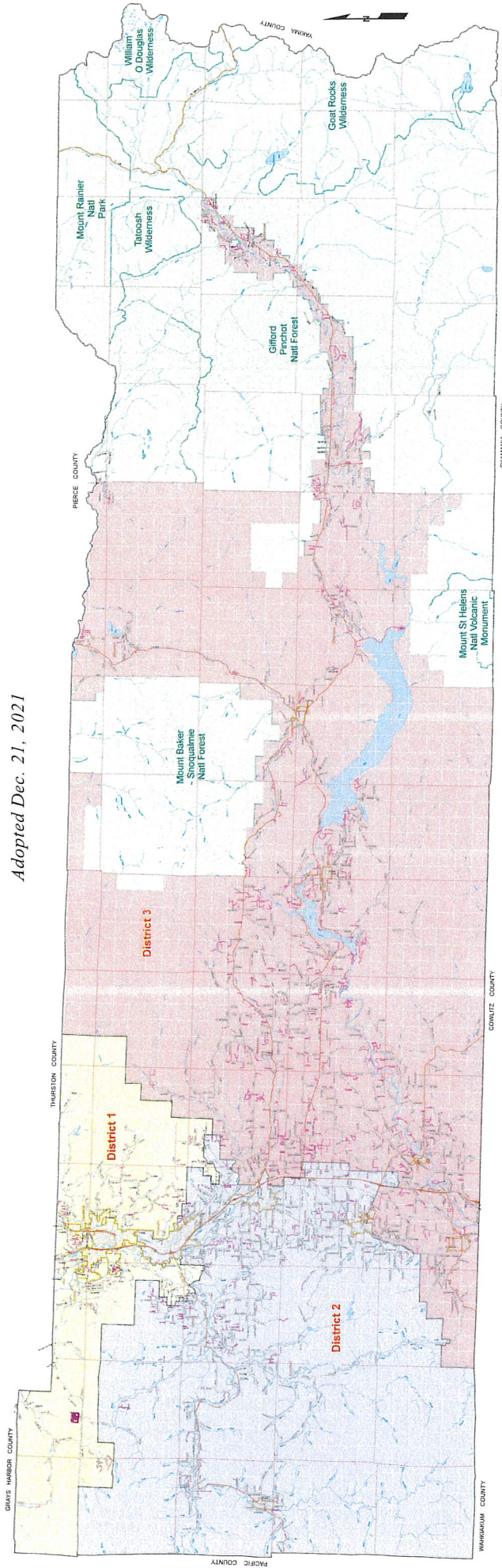
Area 7 Bridges Liquefaction Susceptibility

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.

Lewis County, Washington

COMMISSIONER DISTRICTS

Adopted Dec. 21, 2021



LEWIS COUNTY

COMMISSIONER DISTRICT #1

COMMISSIONER DISTRICT #2

COMMISSIONER DISTRICT #3

CITY LIMITS

State Route

County Road

City Street

Private Road

Forest Road

State Route

County Road

City Street

Private Road

Forest Road

State Route

County Road

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Private Road

Forest Road

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BRIDGE #	MAINTENANCE AREA 1 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
13	AIRPORT MP 1.42	1.42	1	U	S
72	ALVORD MP 0.32	0.32	2	5	
43	BIG HANAFORD MP 0.67	0.67	2	5	
47	BIG HANAFORD MP 1.13	1.13	2	5	
48	BIG HANAFORD MP 2.11	2.11	2	5	
49	BIG HANAFORD MP 6.68	6.68	2	3	S
14	BIG HANAFORD MP 9.50	9.50	2	5	
82	BLANCHARD MP 0.87	0.87	2	U	S
68	CENTRALIA ALPHA MP 0.17	0.17	2	5	
44	CENTRALIA ALPHA MP 10.03	10.03	2	3	S
157	COAL CREEK MP 1.72	1.72	2	5	
158	COAL CREEK MP 1.81	1.81	2	5	
112	GALVIN MP 1.23	1.23	1	3	S
75	GALVIN MP 1.55	1.55	1	3	S
34	GARRARD CREEK MP 0.07	0.07	2	5	
35	GARRARD CREEK MP 0.22	0.22	2	5	
37	GARRARD CREEK MP 4.35	4.35	2	U	S
38	GARRARD CREEK MP 5.09	5.09	1	U	S
19	GOODRICH MP 0.50	0.50	2	5	
179	GRAF MP 1.01	1.01	2	5	
32	HARRISON AVE MP 2.54	2.54	2	5	
80	HYPPA MP 0.01	0.01	2	5	
39	INDEPENDENCE MP 0.33	0.33	2	5	
42	INDEPENDENCE MP 3.42	3.42	2	5	
133	JACKSON HWY MP 1.96	1.96	2	U	S
20	JACKSON HWY MP 4.49	4.49	1	5	
135	JACKSON HWY MP 4.56	4.56	2	U	S
136	JACKSON HWY MP 4.62	4.62	2	U	S
137	JACKSON HWY MP 4.67	4.67	2	U	S
41	JYLHA MP 0.01	0.01	2	5	
22	LINCOLN CREEK MP 1.02	1.02	1	5	
31	LINCOLN CREEK MP 11.91	11.91	2	8	
28	LINCOLN CREEK MP 8.57	8.57	1	3	S
29	LINCOLN CREEK MP 9.83	9.83	2	5	
86	LITTLE HANAFORD MP 5.08	5.08	2	5	
53	LITTLE HANAFORD MP 5.35	5.35	2	U	S
134	LOGAN HILL MP 0.10	0.10	2	U	S
74	LOGAN HILL MP. 1.10	1.10	2	5	
71	LUCAS CREEK MP 5.17	5.17	2	5	
40	NELSON MP 0.16	0.16	1	U	S
66	NORTH FORK MP 0.35	0.35	2	5	
90	NORTH FORK MP 0.70	0.70	2	8	
95	NORTH FORK MP 4.83	4.83	2	7	S
91	NORTH FORK MP 6.11	6.11	2	3	S

BRIDGE #	MAINTENANCE AREA 1 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
94	NORTH FORK MP 7.19	7.19	1	U	S
73	PATTEE MP 0.82	0.82	2	5	
62	PROFFIT MP 0.05	0.05	2	U	S
64	REYNOLDS AVE MP 0.52	0.52	2	U	S
57	SALZER VALLEY MP 3.27	3.27	2	5	
77	SENN MP 0.89	0.89	2	3	S
159	TAYLOR MP 0.45	0.45	2	U	S
24	TEAGUE MP 0.08	0.08	2	5	
26	TEAGUE MP 0.57	0.57	2	U	S
50	TEITZEL MP 0.79	0.79	2	5	
(bold Type) Priority inspection of a seismic or major flood event					
Updated on 6-5-23					

BRIDGE #	MAINTENANCE AREA 2 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
141	BEAM MP 0.39	0.39	2	5	
45	BEAVER CREEK MP 0.02	0.02	2	5	
25	BOISTFORT MP 1.09	1.09	1	5	
89	BOISTFORT MP 4.59	4.59	2	7	S
166	BROWN WEST MP 0.11	0.11	2	U	S
165	BROWN WEST MP 0.34	0.34	2	U	S
118	BUNKER CREEK MP 3.46	3.46	2	5	
119	BUNKER CREEK MP 3.50	3.50	2	5	
127	BUNKER CREEK MP 5.95	5.95	2	5	
122	BUNKER MP 0.26	0.26	2	U	S
123	BUNKER MP 0.71	0.71	2	U	S
131	BURRI MP 0.13	0.13	2	5	
102	CERES HILL MP 0.79	0.79	2	7	S
129	CERES HILL MP 7.18	7.18	2	3	S
55	CHANDLER MP 0.06	0.06	1	5	
18	CHANDLER MP 1.37	1.37	2	5	
92	CHILVERS MP 1.55	1.55	2	5	
148	COOK MP 0.07	0.07	2	5	
79	COUSINS MP 3.15	3.15	2	5	
130	CURTIS HILL MP 3.28	3.28	2	3	S
103	DEEP CREEK MP 3.18	3.18	2	3	S
106	DEEP CREEK MP 3.44	3.44	2	3	S
51	DEEP CREEK MP 3.93	3.93	2	8	
56	ELK CREEK MP 0.18	0.18	1	5	
52	ELK CREEK MP 0.85	0.85	1	U	S
138	ELK CREEK MP 1.56	1.56	2	5	
4	ELK CREEK MP 2.84	2.84	2	5	
139	ELK CREEK MP 2.96	2.96	2	3	S
124	HOPE CREEK MP 0.94	0.94	1	5	
229	HWY 603 MP 0.14	0.14	2	3	S
121	INGALLS MP 0.22	0.11	2	U	S
30	INGALLS MP 2.11	2.11	1	U	S
227	JEFFRIES MP 0.85	0.85	2	U	S
108	JONES MP 0.06	0.06	2	5	
140	KATULA MP 0.05	0.05	2	5	
147	KING MP 12.26	12.26	2	3	S
142	LECH MP 0.24	0.24	2	U	S
6	LOST VALLEY MP 0.29	0.29	2	3	S
146	LOST VALLEY MP 0.83	0.83	2	U	S
125	MAYS BRIDGE MP 0.05	0.05	2	8	NSTM
143	PE ELL MCDONALD MP 6.35	6.35	2	U	S
144	PE ELL MCDONALD MP 7.31	7.31	2	U	S
63	PE ELL MCDONALD MP 8.68	8.68	1	7	S
164	PLEASANT VALLEY MP 5.45	5.45	2	3	S

BRIDGE #	MAINTENANCE AREA 2 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
114	ROCK CREEK MP 0.03	0.03	2	3	S
145	ROUNDTREE MP 0.29	0.29	2	U	S
171	SCHEUBER MP 3.45	3.45	2	5	
120	STEARNS HILL MP 0.08	0.08	2	7	S
126	TWIN OAKS MP 0.32	0.32	1	5	
11	TWIN OAKS MP 1.37	1.37	2	U	S
3	WILDWOOD MP 10.14	10.14	2	3	S
83	WILDWOOD MP 2.99	2.99	2	5	
15	WILDWOOD MP 4.81	4.81	1	3	S
10	WILDWOOD MP 5.19	5.19	1	5	
BRIDGE #	CITY IN AREA 2 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
PE ELL 1	STOWE CRK-KELSO STREET	N/A	2	U	S
PE ELL 2	3RD ST BRIDGE	N/A	2	5	
(bold Type) Priority inspection of a seismic or major flood event					
Updated on 6-5-23					

BRIDGE #	MAINTENANCE AREA 3 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
76	ANDERSON MP 0.05	0.05	2	5	
54	ANNONEN MP 0.14	0.14	2	8	
156	ANTRIM MP 0.57	0.57	2	U	S
163	BERRY MP 1.91	1.91	2	5	
65	BISHOP MP 1.54	1.54	2	U	S
16	BRIM CREEK MP 0.23	0.23	2	3	S
150	COMA MP 1.89	1.89	2	5	S
151	CONRAD MP 1.98	1.98	2	3	S
93	FERRIER MP 3.49	3.49	1	5	NSTM
59	HAYWIRE MP 2.40	2.40	1	5	
60	HAYWIRE MP 2.55	2.55	1	5	
167	HAYWIRE MP 2.80	2.80	2	U	S
99	HENDRICKSON MP 0.03	0.03	1	U	S/NSTM
8	HINING MP 0.23	0.23	2	5	
2	HOLCOMB MP 0.81	0.81	1	5	
228	HWY 603 MP 13.39	13.38	2	5	
149	KING MP 1.59	1.59	2	U	S
17	KIRKLAND MP 0.31	0.31	1	3	S
113	KOLLOCK MP 0.19	0.19	2	5	
78	LABREE MP 1.18	1.18	2	3	S
9	MASCHKE MP 0.03	0.03	1	5	
154	MINKLER MP 0.04	0.04	2	U	S
7	NEWAUKUM VALLEY MP 2.38	2.38	2	5	
155	NORTH MILITARY MP 4.54	4.54	2	5	
161	PLEASANT VALLEY MP 2.46	2.46	2	7	S
162	PLEASANT VALLEY MP 2.91	2.91	2	5	
172	SARGENT MP 1.33	1.33	2	3	S
69	SHOREY MP 0.48	0.48	1	U	S
128	SHOREY MP 0.81	0.81	2	7	S
153	TELEGRAPH MP 0.55	0.55	2	U	S
152	TELEGRAPH MP 0.77	0.77	2	U	S
5	WILDWOOD MP 0.05	0.05	2	3	S
100	WINLOCK VADER MP 0.26	0.26	1	5	
BRIDGE #	CITY IN AREA 3 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
NAPAVINE-1	RUSH ROAD / NEWAUKUM	1.84	1	5	
WINLOCK-1	FIR STREET / OLEQUA	13.33	2	5	
WINLOCK-2	WALNUT STREET / OLEQUA	0.02	1	7	S
WINLOCK-7	TENNESSEE	10.02	1	7	S
(bold Type) Priority inspection of a seismic or major flood event					
Updated on 6-5-23					

BRIDGE #	MAINTENANCE AREA 5 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
176	CEDAR CREEK MP 1.87	1.87	2	5	
87	CENTRALIA ALPHA MP 15.79	15.79	2	5	
204	CINEBAR MP 1.33	1.33	2	5	
180	COLLINS MP 0.48	0.48	2	5	
36	COUGHLIN MP 0.05	0.05	1	7	S/NSTM
195	CRUMB MP 0.17	0.17	2	5	
1	DAVISON MP 0.01	0.01	1	5	NSTM
61	DREWS PRAIRIE MP 1.21	1.21	2	U	S
200	FRASE MP 0.22	0.22	2	3	S
97	GISH MP 0.03	0.03	2	5	
205	GODFREY M P 0.29	0.29	2	5	
98	GUERRIER MP 0.01	0.01	2	5	
23	HADALLER MP 0.42	0.42	2	5	
160	HENRIOT MP 0.48	0.48	2	5	
21	HOWE MP 2.60	2.60	2	5	
208	ISBELL MP 0.17	0.17	2	U	S
191	JACKSON HWY MP 12.12	12.12	2	U	S
187	JACKSON HWY MP 12.36	12.36	2	U	S
189	JACKSON HWY MP 12.40	12.40	2	U	S
192	JACKSON HWY MP 14.00	14.00	2	5	
105	JACKSON HWY SO. MP 1.01	1.01	2	3	S
96	JORGENSEN MP 0.45	0.45	2	5	
85	JORGENSEN MP 1.82	1.82	2	U	S
81	KRUGER MP 0.69	0.69	1	U	S
70	LEONARD MP 0.32	0.32	2	5	
199	LEONARD MP 2.52	2.52	2	U	S
173	MAGNUS MP 0.10	0.10	2	5	
196	MANDY MP 2.02	2.02	1	U	S
58	MIDDLE FORK MP 0.41	0.41	2	3	S
169	MIDDLE FORK MP 7.07	7.07	2	5	
178	NICHOLSON MP 0.45	0.45	2	5	
201	OYLER MP 3.24	3.24	2	7	S
203	PANISCO MP 0.34	0.34	2	5	
168	PIGEON SPRINGS MP 0.50	0.50	2	5	
84	PIGEON SPRINGS MP 1.95	1.95	2	5	
210	SALMON CREEK MP 0.19	0.19	2	U	S
188	SCHMIT MP 1.73	1.73	1	U	S
197	SPENCER MP 5.38	5.38	2	5	
221	STOWELL MP 0.57	0.57	2	7	S
183	STOWELL MP 1.42	1.42	2	U	S
27	TAUSCHER MP 1.99	2.00	1	U	S
101	TAUSCHER MP 2.64	2.65	2	5	
67	TOLEDO SALMON CK MP 2.74	2.74	2	U	S
190	TOLEDO SALMON CK MP 3.33	3.33	2	7	S

BRIDGE #	MAINTENANCE AREA 5 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
104	TOOLEY MP 0.84	0.84	1	3	S
223	TOWNSEND MP 0.22	0.22	2	5	
198	TUCKER MP 0.01	0.01	2	5	
202	VAN HOESEN MP 0.43	0.43	2	U	S
194	WALKER MP 0.68	0.68	2	U	S
209	WILSON MP 0.23	0.23	2	U	S
(bold Type) Priority inspection of a seismic or major flood event					
Updated on 6-5-23					

BRIDGE #	MAINTENANCE AREA 7 BRIDGE NAME	MILE POST	PRIORITY EARTHQUAKE INSPECTIONS	SCOUR CODE	SCOUR CRITICAL / NSTM
211	ANDERSON MP 0.56	0.56	2	3	S
185	BAKER MP 0.58	0.58	1	U	S
186	BAKER MP 0.70	0.70	1	U	S
107	CANNON MP 2.01	2.01	2	7	S
110	CARR MP 2.74	2.74	2	5	
214	CISPUS MP 3.01	2.07	2	U	S
215	CLINE MP 7.86	7.86	2	5	
116	CRAIG MP 0.48	0.48	2	5	
33	FALLS MP 3.12	3.12	1	9	
224	KIONA MP 0.35	0.35	1	U	S
212	MEADE HILL MP 0.61	0.61	2	U	S
207	MINERAL CREEK MP 0.44	0.44	2	3	S
109	MINERAL CREEK MP 1.21	1.50	1	8	
115	OSBORN MP 0.27	0.27	2	5	
182	PETERS CREEK MP 0.19	0.19	2	5	
216	PETERS MP 0.25	0.25	2	5	
217	PETERS MP 0.62	0.62	2	5	
218	PETERS MP 0.72	0.72	2	5	
219	PETERS MP 1.13	1.13	1	5	
46	PLEASANT VLY EST MP 0.29	0.29	2	5	
88	PLEASANT VLY EST MP 3.45	3.45	2	5	
225	RIFFE MP 0.14	0.14	2	5	
206	ROUNDTOP MP 0.07	0.07	2	3	S
111	SILVERBROOK MP 2.61	2.61	2	5	
177	SILVERBROOK MP 4.07	4.07	2	5	
175	SILVERBROOK MP 5.34	5.34	2	5	
12	SKATE CREEK MP 0.53	0.53	1	7	S/NSTM
193	SKATE CREEK S. MP 0.45	0.45	2	U	S
170	SNYDER MP 0.20	0.20	2	5	
174	STOVER MP 0.03	0.03	2	5	
220	TEMPLE MP 0.35	0.35	2	5	
117	THOMPSON ROAD MP 0.55	0.55	1	3	S/NSTM
(bold Type) Priority inspection of a seismic or major flood event					
Updated on 6-5-23					

**Lewis County
Department of Public Works
Engineering Division**

5-YEAR ROAD EQUIPMENT PURCHASES

**Six Year
Transportation
Improvement
Program
2024 - 2029**

Public Works Department - Roads Fund

(5-Year Replacement Projections)

	#	2024	#	2025	#	2026	#	2027	#	2028
Engineering										
Sedans										
4x2 Pick-up										
4x4 Pick-up			1	30,000			1	32,000	1	33,000
SUV									1	35,000
Crew Cab										
PW Roads Maintenance										
4x4 Pick-up			5	175,000	5	175,000	4	150,000	4	140,000
4x2 Pick-up					1	30,000				
1-Ton Flatbed										
2-Yd Dump					1	90,000	1	90,000		
Chemical Spray Truck	2	400,000								
Trk-Mtd Sign Board										
Traffic Control										
4x4 Pick-up			1	32,000	1	32,000			2	66,000
4x2 Pick-up										
SUV										
1-Ton										
MP Shop										
Central Shop Service Truck	1	110,000								
Total Motor Pool	3	\$510,000	7	\$237,000	8	\$327,000	6	\$272,000	8	\$274,000

Public Works Department - Roads Fund

(5-Year Replacement Projections)

ROADS EQUIPMENT	#	2024	#	2025	#	2026	#	2027	#	2028
2-Yd Dump (5-32)										
5-Yd Dump										
12-Yd Dump / Pups	3	1,200,000	2	800,000	2	800,000	3	1,200,000	3	1,200,000
Aerial Manlift										
Air Compressor										
Aqua Jet Truck										
Backhoes	1	175,000								
Breaker (Excav mtd)										
Brush Chipper										
Chip Spreader										
Conveyor (HTC)										
Coring Drill										
Crack Router										
Crack Sealer App										
De-Icer										
Excavator										
Flat-Bed Trk										
Forklift										
Fuel System			1	250,000						
Grader	1	400,000								
Guard Rail Truck										
Highway Sweeper					1	75,000			1	80,000
Hydro Seeder										
Jack Hammer										
Loader										
Lowboy Tractor										
Lowboy Trailer	2	250,000								
Oil Distributor										
Paint Striper										
Patch King										
Portable Msg. Sign										
Portable Lt. Towers										
Portable Signal Station										
Sanders										
Snow Plow										
Stump Grinder										
Tractor Brush Cutter	1	275,000			1	300,000				
Tractor Mower										
Trailer - 2 Axle										
Vacuum Sweeper										
Vibratory Roller										
Water tanks (slip-in)										
Water Truck										
Welder/Hoist										
BobCat Skidsteer										
Used Purchases	1	100,000	1	100,000	1	100,000	1	100,000	1	100,000
Total Central Shop	9	\$2,400,000	4	\$1,150,000	5	\$1,275,000	4	\$1,300,000	5	\$1,380,000
Annual Total	12	\$2,910,000	11	\$1,387,000	13	\$1,602,000	10	\$1,572,000	13	\$1,654,000