

Supporting the economy and connecting our communities.

STATE TRANSPORTATION IMPROVEMENT PROGRAM 2023-2028

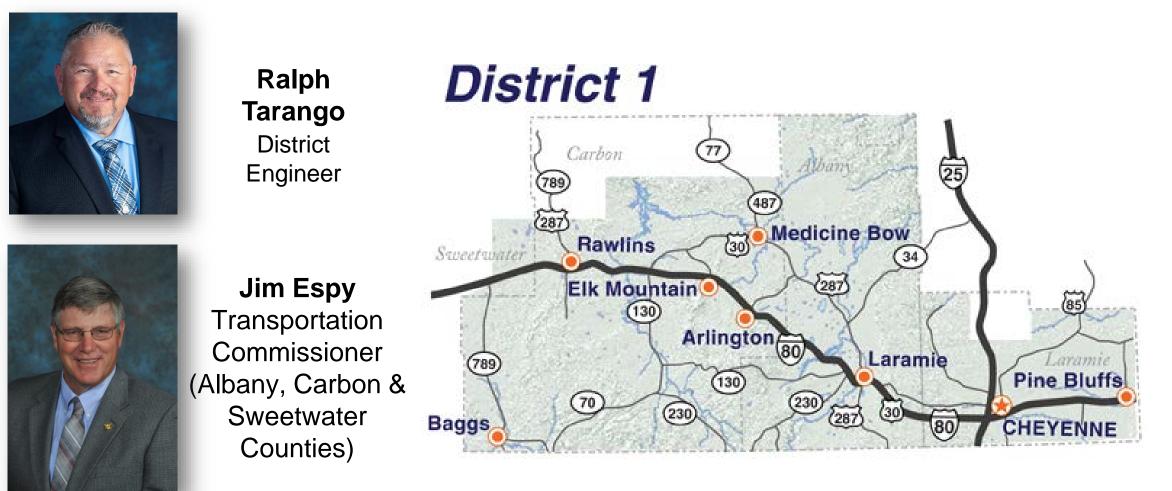
Ralph Tarango

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307-745-2100



People of WYDOT





People of WYDOT

Tim Morton District Maintenance Engineer



Ryan Shields District Construction Engineer



Michael Simmons Wyoming Highway Patrol Captain



Jesse Burgess District Equipment Supervisor



Taylor McCort District Traffic Engineer



Andrea Staley Public Relations Specialist





People of WYDOT

Construction



Steve Cook Resident Engineer



Kory Cramer Resident Engineer

Maintenance



Area Maintenance Supervisor





Al Branscom Foreman



Purpose & Road Map













WYDOT Overview

STIP Development and Overview

Need public input

Need to know what local agencies are working on

District Projects

Next Steps



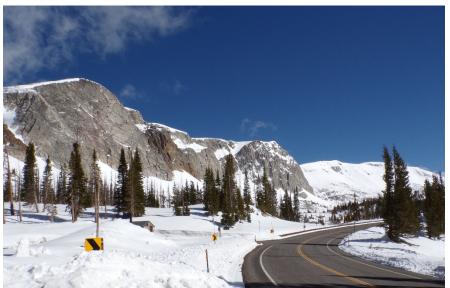
Purpose, Mission, Vision & Values

Purpose: Support Wyoming's economy while safely connecting communities and improving the quality of life.

Mission: Provide a safe and effective transportation system.

Vision: Excellence in Transportation

Values: Respect, Integrity, Dedication, Excellence, Safety (RIDES)





Our Goals

- Ensure a vibrant, safe and competent workforce
- Acquire and responsibly manage resources
- Provide safe, reliable and effective transportation systems
- Provide essential public safety services and effective communication systems
- Create and enhance partnerships with transportation stakeholders
- Encourage and support innovation
- Preserve our history and heritage





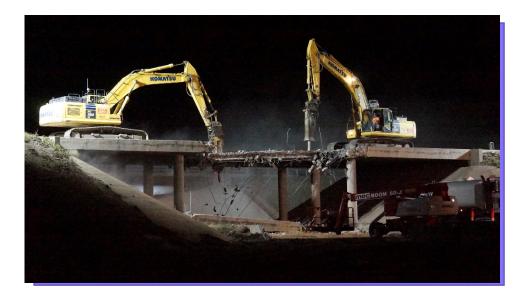
Guiding Principles

- 1. Align expenditures with available revenue amount and source
- 2. Focus on addressing identified critical life safety issues.
- 3. Prioritize WYDOT asset preservation based on condition of the asset to meet established goals (as appropriate)
- 4. Improve operational effectiveness and efficiency
- 5. Prioritize activities to minimize negative impacts to the public
- 6. Address mobility and capacity through system improvements and enhancements



WYDOT Overview

- Highways
 - 6,700 Miles of Roads
 - 6000 Bridges/Structures
 - 42,200 Culverts
 - 800 miles of guardrail
 - 80,000 signs
 - 12,000 miles of fence







WYDOT Overview

- Engineering & Planning
- Construction
- Maintenance
- Equipment
- Facilities
- Traffic / ITS
- Emergency Communications (WyoLink)
- 24-hour Transportation Management Center (TMC)
- Road Condition Website

- Patrol
 - Troopers
 - Ports of Entry
 - Dispatch
 - Executive protection
- Aeronautics
 - Engineering & Construction
 - Planning
 - Air Service Development
 - Unmanned Aerial Systems (UAS)

- Driver's Services (License)
- Compliance & Investigation (motor vehicles and vehicle dealers)
- Motor Vehicles (titles, registration, license plates)
- Support programs
 - Financial services (budget, fuel tax admin, grants/contracts, procurement)
 - HR
 - Employee Safety
 - Public Affairs
 - Planning
 - Transit
 - Local Governments



Infrastructure Investment & Jobs Act (IIJA)

FY	Surface Transportation (Construction)	Bridges	Electric Vehicles	Aeronautics	Total Federal	
2022	\$339,391,760	\$45,000,000	\$3,900,000	\$50,000,000	\$438,291,760	
2023	\$346,180,057	\$45,000,000	\$5,356,005	\$50,000,000	\$446,536,062	
2024	\$353,104,119	\$45,000,000	\$5,356,005	\$50,000,000	\$453,460,124	
2025	\$360,166,662	\$45,000,000	\$5,356,005	\$50,000,000	\$460,522,667	
2026	\$367,370,456	\$45,000,000	\$5,356,005	\$50,000,000	\$467,726,461	
Total	\$1,766,213,054	\$225,000,000	\$25,324,020	\$250,000,000	\$2,266,537,074	

FY 2021 Surface Transportation funding = \$280,451,386

Federal vs State Funding

- National Average 70% State / 30% federal
- Wyoming's Transportation System



WYDOT Unfunded Operating Needs

	Annual	Additional IIJA	Updated Annual
Estimated Unfunded Annual Needs (in millions)	Amount	Provided Amount	Unfunded Need
Surface Transportation	\$196.20	\$72.28	\$123.92
-Construction for Preservation (Roads & Bridges)	\$103.70	\$67.80	\$35.90
-Maintenance (e.g. Surface Patching)	\$9.90	\$0.00	\$9.90
-Traffic (e.g. VSL's, Signals, Striping, Signing)	\$5.70	\$0.00	\$5.70
-Safety (e.g. Shoulders, Guardrail)	\$0.90	\$0.00	\$0.90
-Delayed STIP Projects * (Capacity & Mobility)	\$43.60	\$0.00	\$43.60
-Identified Non-STIP Capacity & Mobility Projects *	\$10.00	\$0.00	\$10.00
-Wildlife Crossings (WWRIIT Identified) *	\$22.40	\$4.48 (1)	\$17.92
Computer Systems	\$6.60	\$0.00	\$6.60
Communications	\$0.80	\$0.00	\$0.80
-Telecommunications Equipment	\$0.80	\$0.00	\$0.80
Highway Patrol	\$17.10	\$0.00	\$17.10
Motor Vehicle Services	\$9.10	\$0.00	\$9.10
-Revenue Information System (RIS)	\$8.00	\$0.00	\$8.00
-Non-RIS	\$1.10	\$0.00	\$1.10
Aeronautics	\$44.70	\$15.00	\$29.70
Fleet / Equipment	\$34.00	\$0.00	\$34.00
Buildings / Facilities	\$43.70	\$0.00	\$43.70
Design and Construction Survey Equipment	\$2.10	\$0.00	\$2.10
Electrical Vehicles Funding	\$0.00	\$3.96 (2)	\$0.00
Total	\$354.30	\$91.24	\$267.02

Unfunded Operating Needs: Financial need that exceeds current revenues. The result being a decreased ability to maintain mission, operating demands, unit needs, and assets in their current condition.

* Delayed surface transportation projects per year over ten years based on total need.

(1) Estimated one project in five years of \$22.4 million.

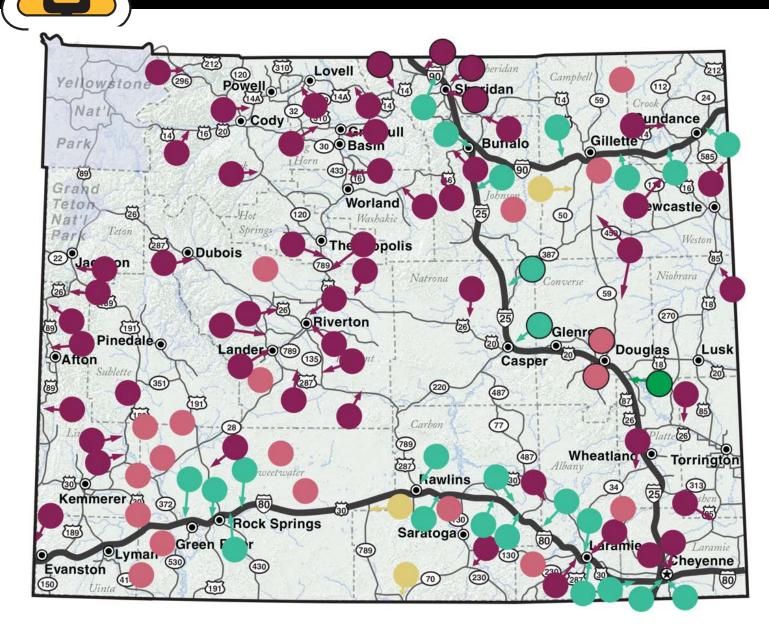
(2) Not included in the calculation as Electrical Vehicles were not part of the Dye Management study.



WYDOT Delayed Construction Projects

Project Number	Description	Cost	Notes		
1806212	I-80 / I-25 Interchange	\$310,000,000	Reconstruction		
N432057	Wright to Gillette / WY 59	\$20,834,031	Widen to 5-Lanes and overlay		
U212019	Cheyenne / College Drive / S Greeley to Fox Farm	\$18,684,126	Widen to 5-Lanes and overlay		
1252171	I-25 / Wheatland to Glendo	\$7,386,482	Reconstruction		
P242015	Shirley Rim to Casper / WY 487	\$15,157,455	Reconstruction		
N342047	Waltman to Shoshoni / US 20/26	\$7,523,112	Passing Lane		
N342048	Shoshoni to Thermopolis / US20 / WY 789	\$3,632,196	Passing Lane		
1708012	Sheridan /Coffeen Ave	\$18,702,499	Widen to 5-Lanes and overlay		

2022 Major Construction Projects



Legend

R

Interstate highway work zones: Generally, there are no delays or detours.

- Travel may be narrowed to one lane
- (on pavement) each way and involve a
- reduced speed limit.

Two-lane road projects: Motorists may be required to stop and wait to follow pilot cars. Usually, any delays are limited to 20 minutes or less and travel is on pavement.

Two-lane road projects: At times, motorists may have to drive on gravel or another temporary surface, typically for two miles or less. Delays are limited, there are no detours unless specifically noted but there may be a pilot car.

District-wide projects: Various locations, may involve reduced speeds.

Not every project is listed

Due to the unpredictable nature of the construction process, not all projects are active all the time. In addition, some short-term projects and smaller projects which disrupt traffic to a lesser degree are not listed. Completion dates are approximate.



EV Charging Stations

- State's Role
 - Ensure the infrastructure exists to support whatever type of vehicle you want to drive.
 - Form a team(s) of (state/federal/local) entities to ensure a coordinated approach.
 - Assist communities in finding available funds to meet community goals.
 - State assets will not be used to install, own or operate ZEV infrastructure
 - Funding is up to 80% federal / 20% matching
- Corridors Designated state alternative fuel corridors (I-80, I-25, I-90)
 - WYDOT will issue separate RFPs for each (corridor) interstate build out
- Milestones
 - May June: Complete NEVI funding plan
 - June: Post NEVI Plan for public comment
 - July: Submit to the Joint USDOT / USDOE Office for review
 - August: Make changes to NEVI plan if required, and resubmit to Joint Office for Review
 - August: Post Request for Proposal for consultant to manage and provide technical oversight for NEVI funded station installations and select
 - September: Receive approval of NEVI plan from the Joint Office; Select NEVI consultant
 - TBD: Publish three Requests for Proposal, one for each Interstate Corridor build out

Bridge Formula Program - Local Projects

- Bridge Formula Program (BFP)
 - WYDOT receives \$45M per year
 - At least \$15 million of funds need to go to address LG poor condition bridges
 - WYDOT identified 44 LG bridge replacement or bridge rehabilitation projects within 29 agencies
 - Projects will be let in FY25-FY29 as designs are completed
 - As letters of concurrence come in from the LGs, projects will be added to the STIP
 - WYDOT looking at a consultant to manage and design the projects



Grant Opportunities



WYDOT web page – Transportation Grant opportunities (https://www.dot.state.wy.us/home/business_with_wydot/grants.html)



Contains information on grants that can be applied for by local governments

- Competitive federal grants
 - Includes guidance documentation
- Zero emission vehicles
- Highway safety behavioral
- Aeronautics
- Local government transportation programs



Links to additional resources and guidebook on the new infrastructure law.



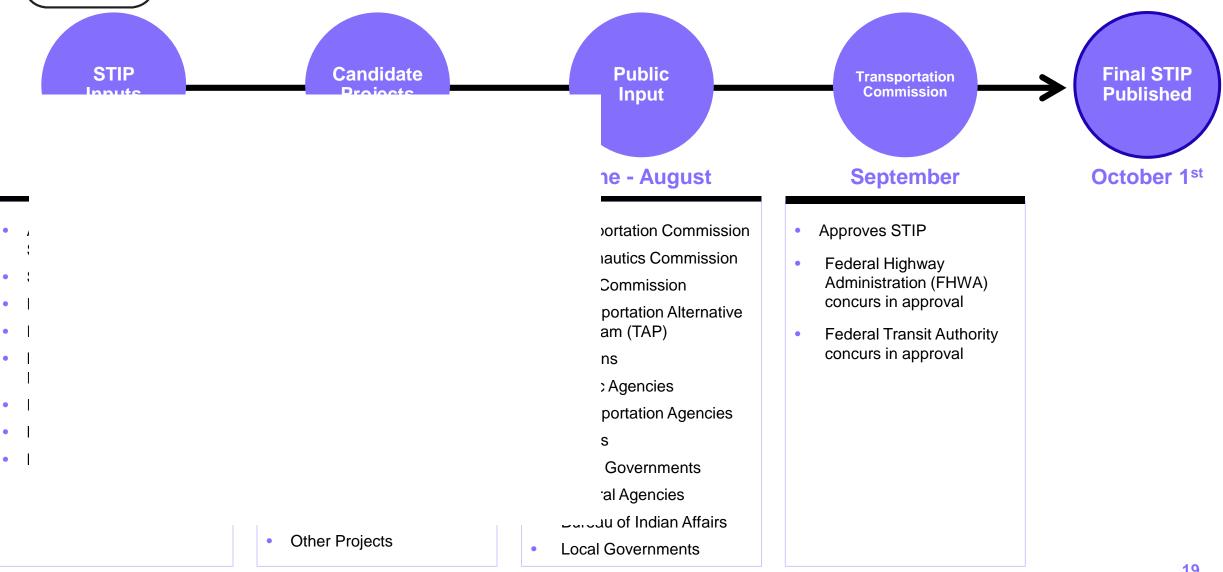
Grant Opportunities

Federal Discretionary/Competitive Grants for Local Governments

- Roads and Bridges
 - Bridge Investment Program*
 - Local and Regional Project Assistance Grants (RAISE)
 - National Culvert Removal, Replacement, & Restoration Grant*
 - National Infrastructure Project Assistance (Megaprojects)*
 - Reconnecting Communities Pilot Program*
 - Rural surface Transportation Grant Program*
 - National Significant Multimodal Freight & Highway Projects (INFRA)
- Safety
 - Railroad Crossing Elimination Grants*
 - Safe Streets and Roads for All*
 - Wildlife Crossings Pilot Program*
- Passenger Rail
 - Federal-State Partnership for Intercity Passenger Rail Grants
 - Railroad Crossing Elimination Program*
 - Restoration & Enhancement Grant Program

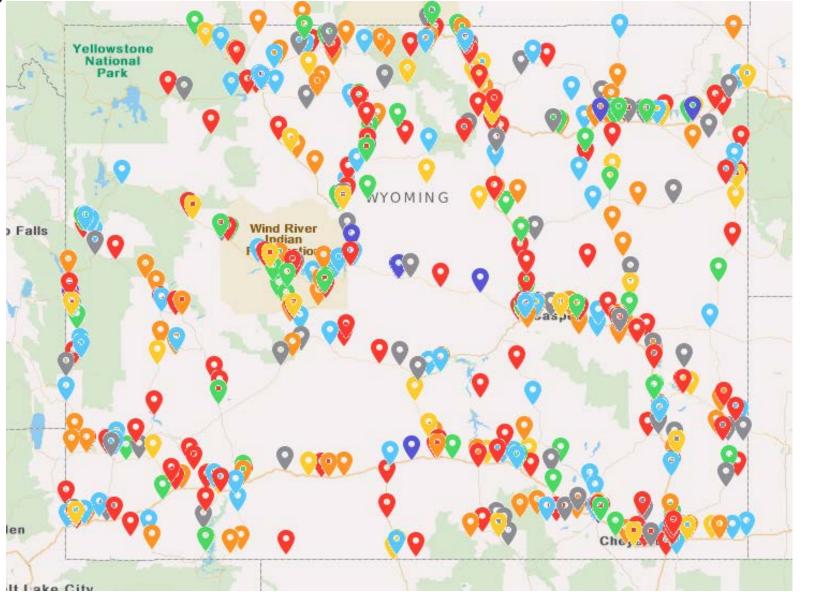
- Public Transportation
 - All Stations Accessibility Program
 - Bus and Bus Facilities Competitive Grants
 - Capital Investment Grants
 - Pilot Program for Enhanced Mobility
 - Strengthening Mobility and Revolutionizing Transportation (SMART) Grants*
- Airports & Aviation
 - Airport Infrastructure Grants*
 - Airport Terminal Program*
- Electric Vehicles
 - Charging Fueling Infrastructure Grants
 (Corridor Charging)*
 - Charging and Fueling Infrastructure Grants (Community Charging)*
 - Low or No Emission (Bus) Grants
 - Low or No Emission (Bus) Grants
- * New Grant Program

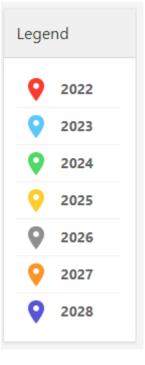
STIP Process Overview

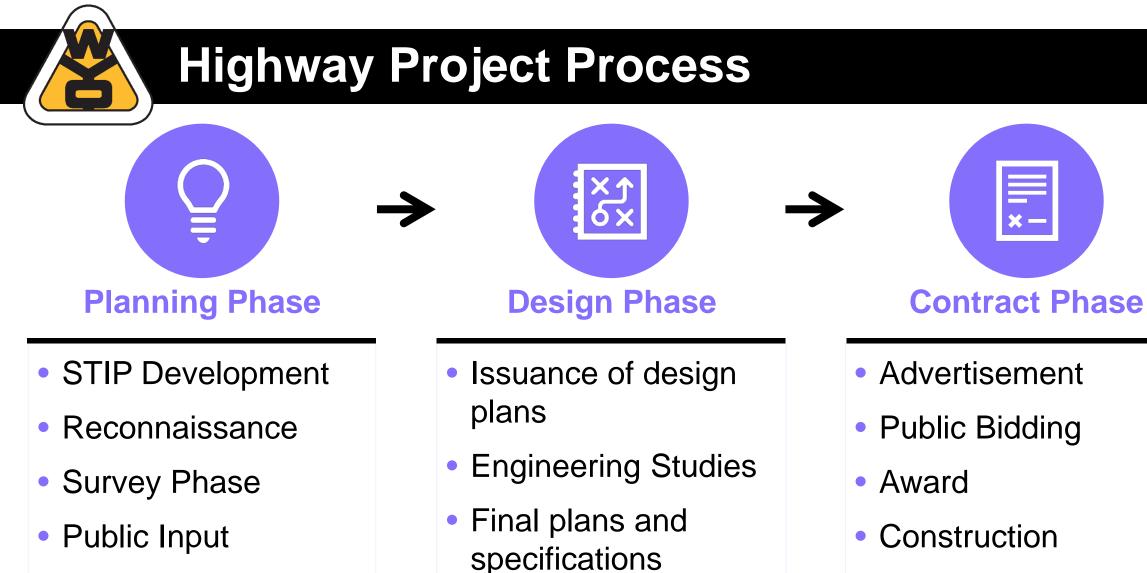




STIP Project Map







Public Meetings as

appropriate

 Public Meetings as appropriate



Single source of the Department's projects.











Highway Projects – 6 Year Plan

Transit Projects – 1 year plan

Aeronautic Projects – 5 year plan

Public Safety Communication s Commission (PSCC) Projects – 1 year plan

Capital Improvement Projects – 1 year plan



Albany County

Key to FY 2022 STIP

2022

Future



Communications



Aeronautics





Transit

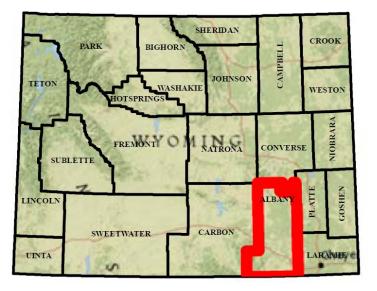


Capital Improvement



Urban Boundary Inset

Map Key









Wyoming Department of Transportation 5300 Bishop Blvd Cheyenne, WY 82009

STATE TRANSPORTATION IMPROVEMENT PROJECTS **ENGINEERING & CONSTRUCTION**

Albany County

Trans	Transportation Projects							Fiscal Year: 2023						
Trans								Cost \$1,000						
Comm Dist	Pro	oject	General Location Detail Location	Begin RM	End RM	Length	Character of Work	PE FY	PE	CE & CON	TOTAL	FED	ST	отн
2	SCP-TC		BOSLER TO WHEATLAND WY 34	0.00	9.70	9.70	PAVEMENT REHABILITATION	2021	259	5,482	5,741	234	5,507	0
2	STP-BR		TRANSPORTATION DISTRICT 1 STRUCTURE NO. DJM, CIT	26.76	26.76	0.00	STRUCTURE REPAIR	2020	18	475	493	446	47	0
2	NHF-BR	1805171	LARAMIE CURTIS STREET INTERCHANGE/I-80 STRUCTURE NO. CXZ	310.45	310.45	0.00	BRIDGE REPLACEMENT	2014	500	9,298	9,798	9,089	709	0
2	STP		LARAMIE TO BOSLER LARAMIE NORTH/US 30	317.50	325.20	7.70	PAVEMENT REHABILITATION	2021	44	4,929	4,973	4,501	473	0
1	HSIP	P261035	LARAMIE WY 130 & WY 230 INTERSECTION/LIGHTING UPGRADE	2.10	2.10	0.00	SAFETY IMPROVEMENTS	2021	8	75	84	75	8	0
FY TOTAL: 17.40 \$829						\$20,259	\$21,089	\$14,345	\$6,744	\$0				
Grand Total: 2023, Albany County \$829						\$20,259	\$21,089	\$14,345	\$6,744	\$0				





Wyoming Department of Transportation 5300 Bishop Blvd Cheyenne, WY 82009

STATE TRANSPORTATION IMPROVEMENT PROJECTS COUNTY TOTAL

County		Transportation Projects	Capital Improvement Projects	Communications Projects	Transit Projects	Aeronautics Projects	Total
	2022	\$4,790,000	\$0	\$0	\$3,179,000	\$2,633,000	\$10,602,000
	2023	\$21,089,000	\$0	\$0	\$0	\$0	\$21,089,000
	2024	\$17,524,000	\$0	\$0	\$0	\$4,373,000	\$21,897,000
Albany	2025	\$8,144,000	\$0	\$0	\$0	\$747,000	\$8,891,000
Albally	2026	\$25,370,000	\$0	\$0	\$0	\$3,610,000	\$28,980,000
	2027	\$17,005,000	\$0	\$0	\$0	\$0	\$17,005,000
	Future Year	\$4,215,000	\$0	\$0	\$0	\$0	\$4,215,000
	Total	\$98,137,000	\$0	\$0	\$3,179,000	\$11,363,000	\$112,679,000



District 1 STIP 2022-2028

Ryan Shields, District Construction Engineer



2022

Current Projects

Wyoming's Transportation System



WYO 230 — Lake Hattie Section

- Mile markers 2.4-11.5
- Mill, overlay chip seal
- Estimated cost: \$5 million





I-80 — Vedauwoo West

- Mile markers 324-330.24
- Mill, overlay, seal coat, structure work
- Estimated cost: \$9.7 million





Laramie Streets — Third Street (U.S. 30/287)

- Intersection of Third St. & Flint St.
- Signalization, curb & gutter, ADA improvements
- Estimated cost: \$850,000





I-80 — Laramie Marginal

- Curtis St. to Third St. (mile markers 310-313)
- Slab repair, high performance wear course, structure rehab
- Estimated cost: \$6.9 million
- Ongoing





District-wide Projects

• Work includes:

- Slab repairs (\$1.4 million)
- Bridge rehabilitation (\$2.4 million)
- Chip seal (\$2.3 million)
- Crack seal (\$500,00)
- Contract patching (\$2.4 million)
- Various locations around district; locations chosen each year based on needs





2023

Upcoming projects

Wyoming's Transportation System



WYO 34 — US 30 Junction East

- Mile markers 0-9.7
- Asphalt overlay, seal coat
- Estimated cost: \$4.7 million





U.S. 30/287 — Laramie North

- Curtis St. north (mile markers 317-327)
- Mill, asphalt overlay, seal coat, chip seal
- Estimated cost: \$4.9 million





I-80 — Curtis St. Interchange Bridge Replacement 2023

- Mile marker 310
- Bridge replacement, interchange ramp work.
- Estimated cost: \$14 million





WYO 130/230 (Snowy Range Road)

- WYO 130/230 intersection (mile marker 2.10)
- Safety Project: Lighting upgrade
- Estimated cost: \$75,000





District-wide Projects

Work includes:

- Bridge rehabilitation (\$747,000)
- Chip seal (\$750,000)
- Crack seal (\$527,000) •
- Contract patching (\$1.7 million)
- Epoxy Striping (\$850,000) ullet
- Various locations around district; locations chosen each year based on needs





2024

Upcoming projects

Wyoming's Transportation System



WYO 13 — Rock River-McFadden

- Mile markers 0-8
- Mill, asphalt overlay, seal coat, structure replacement
- Estimated cost: \$5.3 million





I-80 — Summit Tavern

- Mile marker 327.2-327.8
- Safety Project: High Friction Surface Treatment and potential Snow Fence
- Estimated cost: \$220,000





Laramie Streets — Bill Nye Ave. Phase II

- Boulder Dr. to 19th Street
- New construction & sanitary sewer line
- Estimated cost: \$13 million





District-wide Projects

• Work includes:

- Slab repairs (\$1 million)
- Bridge rehabilitation (\$3 million)
- Chip seal (\$750,000)
- Crack seal (\$500,000)
- Contract patching (\$1 million)
- Various locations around district; locations chosen each year based on needs





2025

Future projects

Wyoming's Transportation System



Laramie Streets — U.S. 30/287 (Third Street)

- Curtis St. to Boswell Dr. (mile markers 327.39-400.84)
- Mill, overlay, ADA improvements, traffic signal replacement, Spring Creek bridge replacement, median work
- Estimated cost: \$11
 million





I-80 — Laramie West Section (Westbound)

- **Curtis St. West** (westbound lanes mile markers 309.9-299.5)
- Mill, asphalt overlay, wear course
- **Estimated cost:** \$9.1 million





US 287 South — Left Turn Lanes

- US 287 South of Laramie
- Safety Project: Add left turn lanes at 1-2 major approaches
- Estimated cost: \$800,000





District-wide Projects

• Work includes:

- Slab repairs (\$500,000)
- Bridge rehabilitation (\$4.1 million)
- Bridge replacements (\$14 million)
- Chip seal (\$500,000)
- Contract patching (\$500,000)
- Pipe lining (\$1.5 million)
- Various locations around district; locations chosen each year based on needs





2026

Future projects

Wyoming's Transportation System



WYO 130 — East of Centennial

- Near turn for WYO 11 (mile markers 17-27.5)
- Mill, asphalt overlay, chip seal
- Estimated cost: \$5.5 million





US 30/287 — Bridge Replacement

- Mile marker 313.89
- Bridge replacement
- Estimated cost: \$1.4 million





I-80 — Laramie West Section (Eastbound)

- Curtis St. West (eastbound lanes mile markers 309.9-299.5)
- Mill, asphalt overlay, wearing course
- Estimated cost: \$8.7 million





District-wide Projects

• Work includes:

- Slab repairs (\$500,000)
- Bridge rehabilitation (\$250,000)
- Bridge replacement (\$3.9 million)
- Chip seal (\$500,000)
- Crack seal (\$250,000)
- Contract patching (\$500,000)
- Various locations around district; locations chosen each year based on needs





2027 Future projects

Wyoming's Transportation System



WYO 130 — West of Laramie

- Mile markers 10-16.9
- Mill, asphalt overlay, chip seal
- Estimated cost: \$9.2 million





I-80 — Laramie East Section

- Mile markers 313.8-319.1
- Resurfacing Mill and Asphalt Overlay
- Estimated cost: \$12.5 million





WY 287 — Laramie South to City Ranch Road

- Mile markers 402.4-404.5
- Safety upgrades, left turn lane, Asphalt overlay
- Estimated cost: \$3.8 million





District-wide projects

• Work includes:

- Slab repairs (\$750,000)
- Bridge rehabilitation (\$5.2 million)
- Chip seal (\$500,000)
- Crack seal (\$500,000)
- Contract patching (\$650,000)
- Various locations around district; locations chosen each year based on needs





2028

Future projects

Wyoming's Transportation System



I-80 – Telephone Canyon

- Mile markers 319-324
- Resurfacing High Performance Wearing Course
- Estimated cost: \$3.3 million





District-wide projects

• Work includes:

- Slab repairs (\$500,000)
- Bridge rehabilitation (\$2.5 million)
- Bridge replacements (\$8.1 million)
- Chip seal (\$500,000)
- Crack seal (\$500,000)
- Contract patching (\$750,000)
- Fencing (\$500,000)
- Various locations around district; locations chosen each year based on needs





Next Steps

Local Governments



Contact WYDOT to learn about opportunities for:

- Funding
- Construction partnerships
- Supply purchases



Visit on-line STIP page starting July 11th



Provide feedback

- Upcoming projects
- Developments

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Next Steps





Visit on-line STIP page

Provide feedback

- On current and upcoming projects
- What are we missing Safety, mobility, congestion, etc.
- What would you like to see in the STIP document?
- What is the best way to present information?

WYDOT is hosting a on-line web page to provide information on the Statewide Transportation Improvement Program (STIP)

See meeting schedules and presentations

Use the Interactive map to see projects and provide comments

The online meeting can be accessed at https://www.dot.state.wy.us/STIP



Supporting the economy and connecting our communities.

STATE TRANSPORTATION IMPROVEMENT PROGRAM 2023-2028

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