



# WYOMING'S TRANSPORTATION SYSTEM

Supporting the economy and connecting our communities.

STATE TRANSPORTATION IMPROVEMENT PROGRAM 2024-2029

[Pete Hallsten](#)

[peter.hallsten@wyo.gov](mailto:peter.hallsten@wyo.gov)

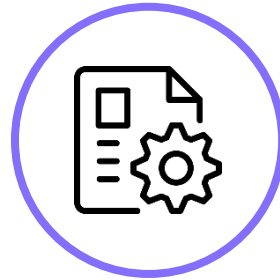
**307-568-3400**



# Purpose



**Need public  
input**



**Need to know what  
local agencies are  
working on**



**Overview of WYDOT and  
Proposed STIP**



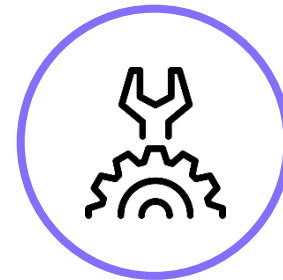
# Road Map



**WYDOT  
Overview**



**STIP  
Development  
and Overview**



**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)



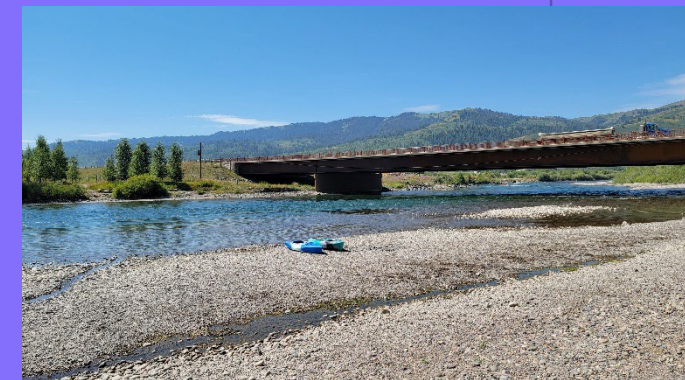
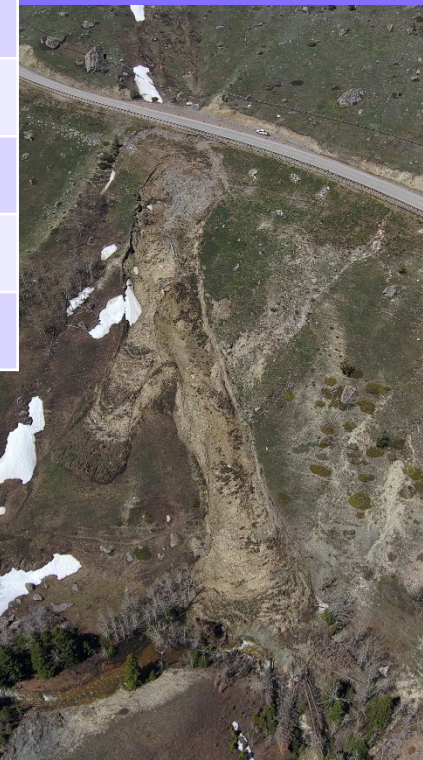


# WYDOT Overview

- Highways: 6,731 Miles of Roads; and 2,805 Bridges

District	1	2	3	4	5	Total
Interstate	247	241	187	237	0	<b>912</b>
US Highways	209	388	550	394	690	<b>2231</b>
State Highways	403	379	188	279	271	<b>1520</b>
Frontage/Other	272	589	466	341	400	<b>2068</b>
<b>Total (Miles)</b>	<b>1131</b>	<b>1597</b>	<b>1391</b>	<b>1251</b>	<b>1361</b>	<b>6731</b>

District	1	2	3	4	5	Total
<b>On-system</b>	<b>367</b>	<b>469</b>	<b>349</b>	<b>515</b>	<b>261</b>	<b>1961</b>
Off-system	139	195	149	161	200	844
<b>Total (Bridges)</b>	<b>506</b>	<b>664</b>	<b>498</b>	<b>676</b>	<b>461</b>	<b>2805</b>



Wyoming Transportation Fact Book -

[https://www.dot.state.wy.us/home/administration/strategic\\_performance/fact\\_book.html](https://www.dot.state.wy.us/home/administration/strategic_performance/fact_book.html)



# Cost Escalation

Bid item changes we are seeing from 1 to 2 years ago:

- Hot Plant Mix - Was \$36-45 Today \$65-75/ton
- Binder - Was \$450-600 Today \$900-1,000/ton (reached a high of \$1,500/ton)
- Mobilization - Was 7-9% Today 9-12%
- Traffic Control - Was 3-5% (Structures 6-8%) Today 6-10% (Structures are 12%)
- Milling - Was \$0.75-\$1.00 Today \$1.20-3/SY
- Chip Seal - Was \$0.75-1.00 Today \$1.50-2/SY
- Fencing - Was \$2-3 Today \$3.5-5/ft
- Reinforced Concrete Approach Slabs - Was \$200-300 Today \$375-500/SY
- Box Beam Guardrail - Was \$45 Today \$80/ft
- Structural Steel - Was \$2-3/lb, now \$4-5/lb

Bottom line: Increases in federal funding not covering the cost of inflation



# Cost Escalation

- Past, Present and Future Projects

FY	STIP Amount	Projects let to Contract	\$ Let to Contract
2022	\$336.2M	103	\$368.2M
2023	\$350.2M	Planned = 99 Anticipated = 84	Anticipated = \$372.2M
2024	~\$320M	Planned = 97	

- Delayed approximately \$70M in FY23 to FY24
- Based on current prices, had to either move projects back or reduce scope to account for approximate \$100M over budget in FY24



# Infrastructure Investment & Jobs Act (IIJA)

Total Anticipated Formula Funding for Wyoming\*

FY	Surface Transportation**	Bridges (BFP)	Electric Vehicles (EV)	Aeronautics	Total Federal
2022	\$341,695,183	\$45,000,000	\$3,963,841	\$50,000,000	\$440,659,024
2023	\$349,679,812	\$45,000,000	\$5,704,011	\$50,000,000	\$450,383,823
2024	\$355,407,542	\$45,000,000	\$5,704,011	\$50,000,000	\$456,111,553
2025	\$362,470,085	\$45,000,000	\$5,704,011	\$50,000,000	\$463,174,096
2026	\$369,673,879	\$45,000,000	\$5,704,152	\$50,000,000	\$470,378,031
Total	\$1,778,926,501	\$225,000,000	\$26,780,026	\$250,000,000	\$2,280,706,527

\* **State and/or local match required in most instances**

\*\***Construction only not Operations**

Federal vs State Funding

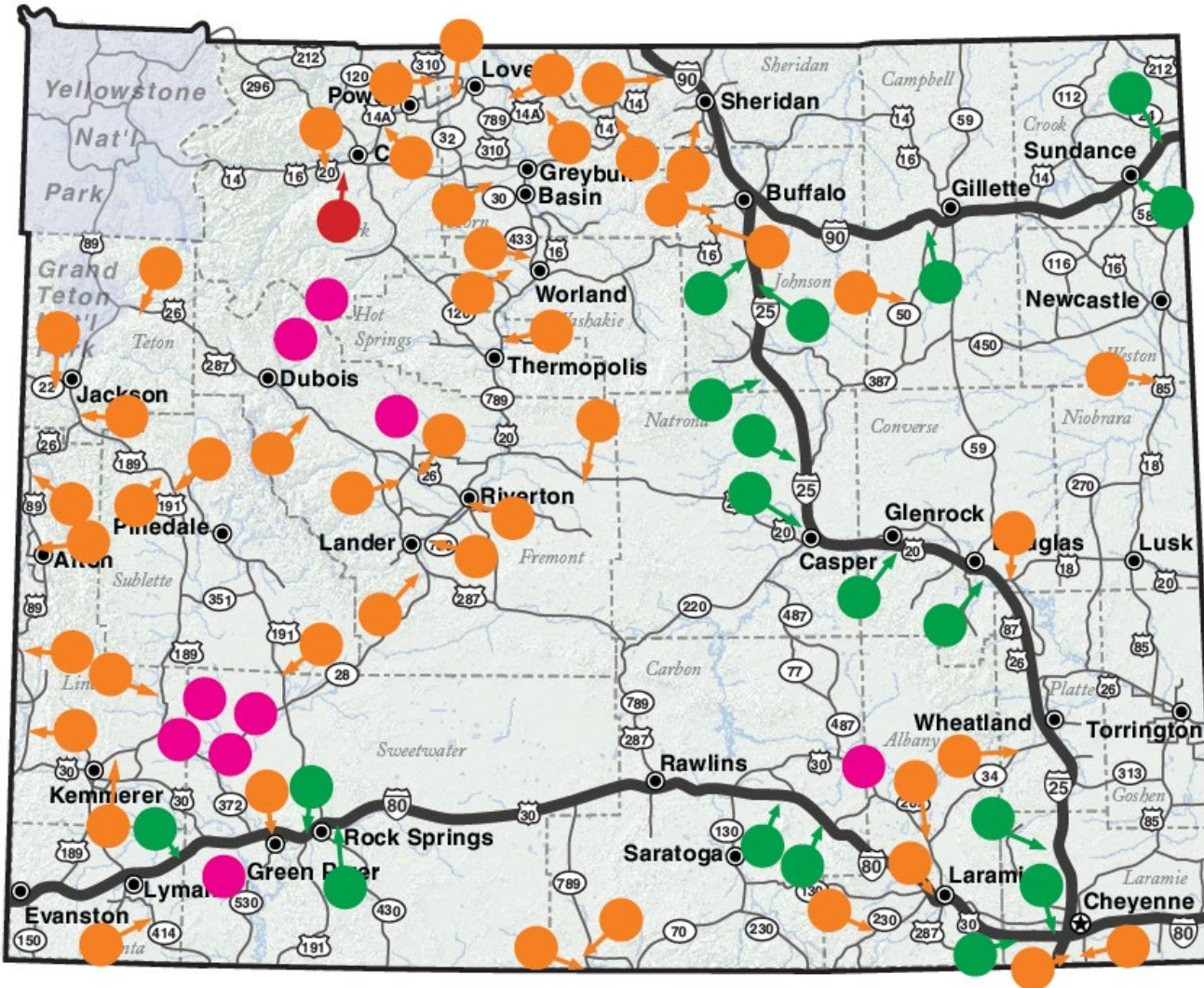
- National Average – 70% State / 30% federal
- Wyoming – 29% State / 71% Federal

- Generally, **\$100M additional funding per year / requires matching funds**
- Congress must still appropriate funding for most core programs on a yearly basis
- Discretionary Grants – competitive grants creating new and increasing existing funding opportunities – **requires matching funds which we likely will not have available**
- Once federal funds start to become available, the agency will use its Guiding Principles to determine the best use of funds to achieve the maximum benefit to Wyoming





# Construction – Ongoing Projects



- Interstate projects
- Two-lane road projects – pilot car – paved surface detour
- Two-lane road projects – gravel or temporary surface detour
- District wide projects



# EV Charging Stations

- NEVI - National Electric Vehicle Infrastructure Program
  - Purpose of the program: The electric vehicle infrastructure funding will help EV drivers to have regular access to charging stations. Includes:
    - Acquisition and installation of EV charging infrastructure and traffic control devices and signs.
    - Operation and maintenance of EV charging infrastructure for up to five years.
    - Data sharing requirements about EV infrastructure to ensure long-term success of equipment installed under the formula program.
  - Requirements:
    - 50 mile minimum distance between charging stations
    - Charging stations placed a minimum of 1 mile from alternative fuel corridor (I-80, I-25, I-90)
    - Minimum of four Direct Current Fast Chargers (DCFC) and 150kW and higher charging capacity in each location
    - Funding is up to 80% federal / 20% matching
  - Once FHWA has approved full build out on the interstates, can look at using remaining NEVI funds on other routes
  - Working on updated NEVI plan – Due August 1
- WYDOT NEVI Plan overview
  - No state funds will be used to build or operate stations, the matching funds will be either private or from a local jurisdiction
  - WYDOT has hired a consultant (HDR) to provide technical matter expertise necessary to design, complete, build, monitor, and operate the stations over the NEVI appropriation life cycle
  - With the assistance of the NEVI consultant, WYDOT will issue a series of Requests for Information (RFI) and/or Requests for Proposal (RFP) to bid out construction, maintenance, and operation of stations along alternative fuel corridors.
  - Continue to work on RFI/RFP for charging stations on the alternate fuel corridors – No set timeline to have out
    - Waiting to see how other states are approaching the use of the NEVI funds
    - Want to minimize risk to department and state on the acquisition and operation of charging stations
  - A copy of the plan and approval letter from FHWA can be found our or website at:  
[https://www.dot.state.wy.us/home/planning\\_projects/zero-emission-vehicles/national-electric-vehicle-infrastructure-\(nevi\)-program.html](https://www.dot.state.wy.us/home/planning_projects/zero-emission-vehicles/national-electric-vehicle-infrastructure-(nevi)-program.html)



# Bridge Formula Program (BFP) - Local Projects

- 2022 Infrastructure Investment and Jobs Act (Bipartisan Infrastructure Law) dedicated funding for bridges
  - Replace or rehabilitate bridges in poor condition
  - \$45 million/year for 5 years (\$225 million)
  - Minimum 15% (\$6.75 million/year) to off-system bridges. 100% federal funds on qualifying bridges
- Planned to address 44 bridges in poor condition
  - Estimated construction costs \$76 million
  - Equates to approximately 45% of funding going to off-system bridges
    - Targets largest and most expensive bridges
    - Allow agency to substitute other poor bridges for replacement in lieu of selected structure
- Have confirmed 32 bridges in the program – several others being looked at
- Selected two consultants (HDR & Jacobs) to perform project management and preliminary engineering activities
- Projects will start to be let in FY25, with last projects going out in FY29
- Seeing large increase in unit bridge costs
  - Average has gone from \$175/sf to \$400/SF
  - Will continue to fund the off-system bridges currently in the program



# Bridge Formula Program (BFP) - Local Projects

District	County / Town	Feature Intersected	Str №	Project Number	Work	Construction FY
1	Carbon Co.	Muddy Creek	DMW	CN06069	Replace	2025
1	Carbon Co.	Rock Creek	DMR	CN06070	Replace	2025
1	Carbon Co.	Four Mile Creek	FPX	CN06071	Replace	2025
1	Carbon Co.	N Platte River	DMK	CN06072	Replace	2026
1	Rawlins	UP RR	CLV	1115901	Rehabilitation	2027
1	Laramie Co.	Lodgepole Creek	DPI	CN02113	Replace	2028

District	County / Town	Feature Intersected	Str №	Project Number	Work	Construction FY
2	Converse Co.	N Platte River	IXD	CN13079	Rehabilitation	2025
2	Converse Co.	Box Elder Creek	DSN	CN13080	Replace	2027
2	Douglas	Antelope Creek	FCI	4809003	Replace	2025
2	Johnson Co.	M Fork Powder River	FNV	CN16025	Replace	2025
2	Natrona Co.	S Fork Powder River	DDK	CN01078	Replace	2029

District	County / Town	Feature Intersected	Str №	Project Number	Work	Construction FY
3	Rock Springs	Bitter Creek	EPH	1684901	Replace	2025
3	State of Wyoming	Big Sandy Creek	MXB	CN23043	Replace	2025
3	Sublette Co.	New Fork River	ENJ	CN23044	Replace	2027
3	Sweetwater Co.	Big Sandy River	ETE	CN04113	Replace	2028
3	Sweetwater Co.	Red Creek	ENX	CN04114	Replace	2028






# Bridge Formula Program (BFP) - Local Projects

District	County / Town	Feature Intersected	Str №	Project Number	Work	Construction FY
4	Campbell Co.	N Fork Dead Horse Creek	DVX	CN17055	Replace	2029
4	Crook Co.	Donkey Creek	DWL	CN18065	Replace	2026
4	Sheridan	Little Goose Creek	EAY	2550501	Replace	2025
4	Sheridan Co.	BN RR	ECY	CN03048	Replace	2026
4	Weston Co.	Unnamed Draw	DYL	CN21014	Replace	2027
4	Weston Co.	Beaver Creek	DYK	CN21015	Replace	2027

District	County / Town	Feature Intersected	Str №	Project Number	Work	Construction FY
5	Big Horn Co.	Shoshone River	EJQ	CN09068	Replace	2026
5	Big Horn Co.	Shell Creek	EJC	CN09069	Replace	2026
5	Fremont Co.	Big Wind River	ELJ	CN10114	Replace	2028
5	Fremont Co.	Wyoming Canal	ELX	CN10115	Replace	2028
5	Fremont Co.	Wind River	ELY	CN10113	Replace	2029
5	Park Co.	Greybull River	EHZ	CN11075	Replace	2026
5	Thermopolis	Big Horn River	EFZ	CN15024	Rehabilitation	2025
5	Washakie Co.	E Fork Sand Creek	FMQ	CN20073	Replace	2026
5	Washakie Co.	Big Cottonwood Creek	FMO	CN20072	Replace	2027
5	Worland	Lower Hanover Canal	DLL	1849602	Replace	2027



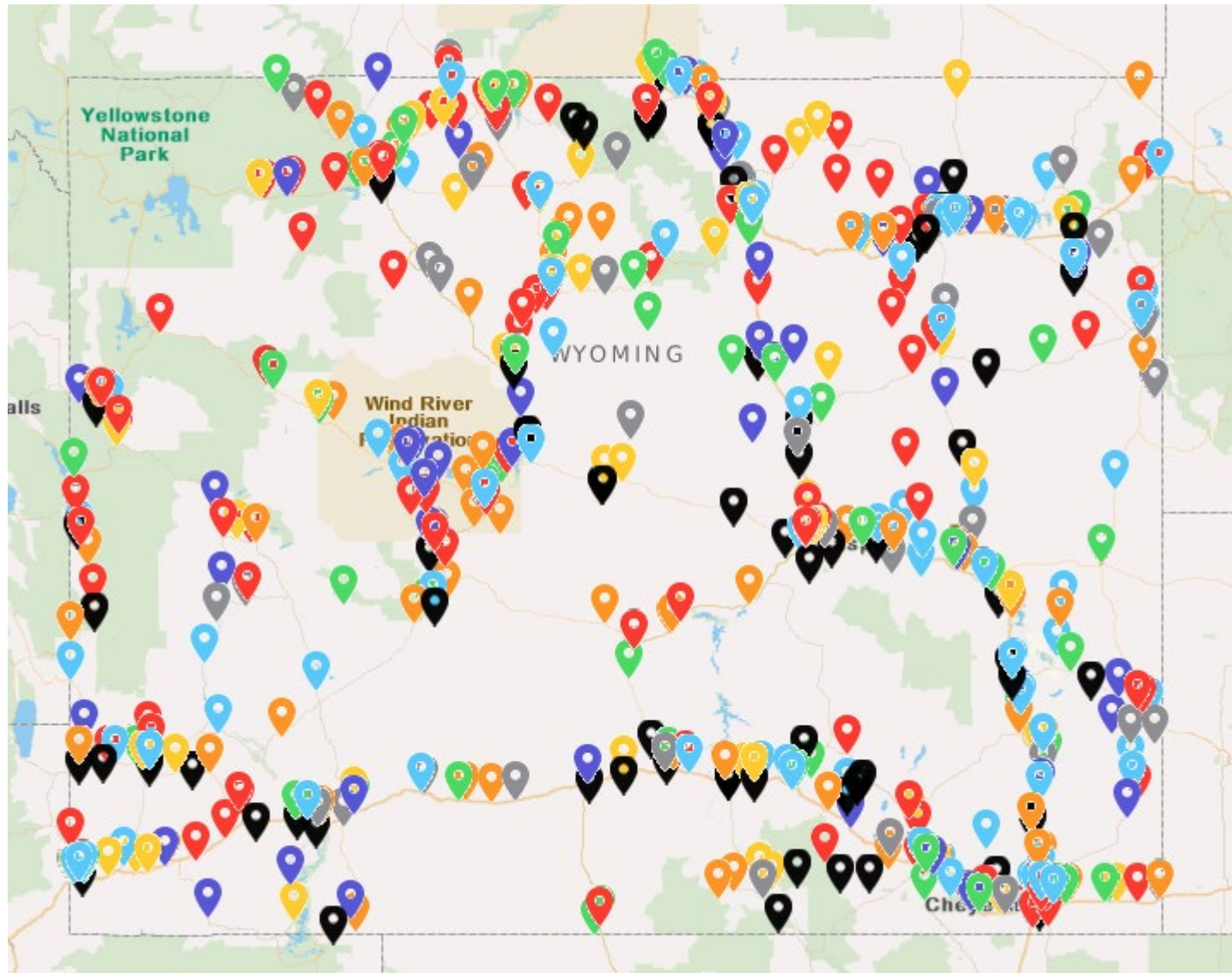
# Grant Opportunities

-  **WYDOT web page – transportation grant opportunities**  
([https://www.dot.state.wy.us/home/business\\_with\\_wydot/grants.html](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.













# STIP Project Map



## Legend

-  2023
-  2024
-  2025
-  2026
-  2027
-  2028
-  2029
-  2030

To view or add a comment,  
go to:  
<https://webapp.dot.state.wy.us/ao/f?p=951:1:14757550149257:::>



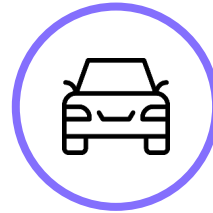


# STIP - What is in the document?

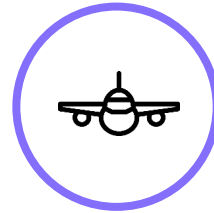
Single source of the Department's projects.



**Highway  
Projects – 6  
Year Plan**



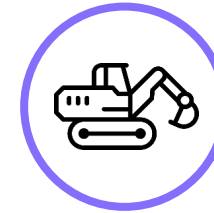
**Transit Projects  
– 1 year plan**



**Aeronautic  
Projects – 5 year  
plan**



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






**Capital  
Improvement  
Projects – 1 year  
plan**



# STIP - What is in the document?

## Big Horn County

### Key to FY 2023 STIP

- 2023
- Future
-  Communications
-  Aeronautics
-  Transit
-  Capital Improvement
- Urban Boundary Inset





# STIP - What is in the document?

## Big Horn County

### Transportation Projects

Fiscal Year: 2023

Trans Comm Dist	Project		General Location Detail Location	Begin RM	End RM	Length	Character of Work	Cost \$1,000						
								PE FY	PE	CE & CON	TOTAL	FED	ST	OTH
5	STP-CR	CN09065	BIG HORN COUNTY COUNTY ROAD 16 1/2/GEORGIA PACIFIC ROAD	0.00	8.12	8.12	RECONSTRUCTION	2021	410	6,214	6,624	5,630	0	994
5	NHPP	N345109	DEAVER TO MONTANA MONTANA STATE LINE/FRANNIE US 310/WY 789	249.42	257.03	7.61	PAVEMENT REHABILITATION	2020	100	2,769	2,870	2,596	273	0
5	STP	P292005	GARLAND TO BYRON SIDON CANAL/US 14A	33.76	38.00	4.24	PAVEMENT REHABILITATION	2020	100	2,020	2,120	1,918	202	0
5	STP	P351032	LOVELL TO BURGESS JUNCTION LOVELL EAST/US 14A	46.71	55.42	8.71	PAVEMENT REHABILITATION	2021	218	5,326	5,544	5,017	527	0
5	HSIP	P351033	LOVELL TO BURGESS JUNCTION US 14A/WARNING SYSTEM	68.50	68.50	0.00	SAFETY IMPROVEMENTS	2021	8	75	84	75	8	0
<b>FY TOTAL:</b>						<b>28.68</b>			<b>\$836</b>	<b>\$16,404</b>	<b>\$17,242</b>	<b>\$15,236</b>	<b>\$1,010</b>	<b>\$994</b>



# STIP - What is in the document?



Wyoming Department of Transportation  
5300 Bishop Blvd  
Cheyenne, WY 82009

## STATE TRANSPORTATION IMPROVEMENT PROJECTS COUNTY TOTAL

WYCN00102SUM

County		Transportation Projects	Communications Projects	Transit Projects	Aeronautics Projects	Total
Big Horn	2023	\$17,242,000	\$0	\$244,000	\$1,350,000	\$18,836,000
	2024	\$11,428,000	\$0	\$0	\$0	\$11,428,000
	2025	\$0	\$0	\$0	\$3,278,000	\$3,278,000
	2026	\$5,490,000	\$0	\$0	\$4,356,000	\$9,846,000
	2027	\$15,964,000	\$0	\$0	\$1,330,000	\$17,294,000
	2028	\$5,485,000	\$0	\$0	\$0	\$5,485,000
	<b>Total</b>		<b>\$55,609,000</b>	<b>\$0</b>	<b>\$244,000</b>	<b>\$10,314,000</b>



# District 5 STIP 2024-2029

Randy Merritt, District Construction Engineer



# Local projects – US14 slide, July 2023



**Between Burgess Junction and Greybull**



# Local projects – Byron project concludes



**Byron paving, September 2023**



# Local projects – US14A warning sign



**US14A warning sign, spring 2023**





# Local Projects – Maintenance crews battle snow

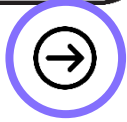


**US14A, April 2023**





# Next Steps



## Contact WYDOT to learn about:

- What we do
- Funding
- Construction Projects
- Opportunities for partnerships



## Visit on-line STIP page

<https://www.dot.state.wy.us/STIP>

See meeting schedules and presentations



## 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?

## Headquarters Contacts

**Mark Gillett**, *Chief Engineer*

(307) 777-4484 | [Mark.Gillett@wyo.gov](mailto:Mark.Gillett@wyo.gov)

**Keith Fulton**, *Assistant Chief Engineer – Engineering and Planning*

(307) 777-4484 | [Keith.Fulton@wyo.gov](mailto:Keith.Fulton@wyo.gov)

**Tom DeHoff**, *Assistant Chief Engineer – Operations*

(307) 777-4484 | [Tom.Dehoff@wyo.gov](mailto:Tom.Dehoff@wyo.gov)

**Sara B. Janes Ellis**, *Local Government Coordinator*

(307) 777-4438 | [Sara.Ellis@wyo.gov](mailto:Sara.Ellis@wyo.gov)

**John Davis**, *Management Services Manager – grant information*

(307) 777-4158 | [John.Davis@wyo.gov](mailto:John.Davis@wyo.gov)



# You're invited! District 5 STIP Meetings – '23

- July 18, Big Horn County STIP Meeting, Basin, 10 a.m.
- July 18, Park County STIP Meeting, Cody, 2 p.m.
- August 8, Fremont County STIP Meeting, Lander, 11 a.m.
- August 15, Washakie County STIP Meeting, Worland, 11 a.m.
- August 15, Hot Springs County STIP Meeting, Thermopolis, 3 p.m.

On the Web:

[dot.state.wy.us/STIP](https://dot.state.wy.us/STIP)



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