



WYOMING'S TRANSPORTATION SYSTEM

Supporting the economy and connecting our communities.

STATE TRANSPORTATION IMPROVEMENT PROGRAM 2024-2029

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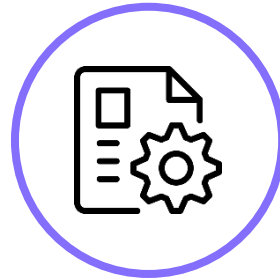
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Purpose



**Need public
input**



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



**Overview of WYDOT and
Proposed STIP**



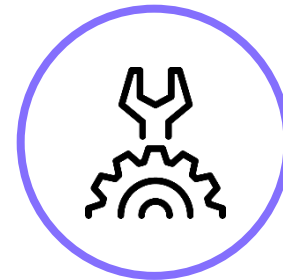
Road Map



**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)



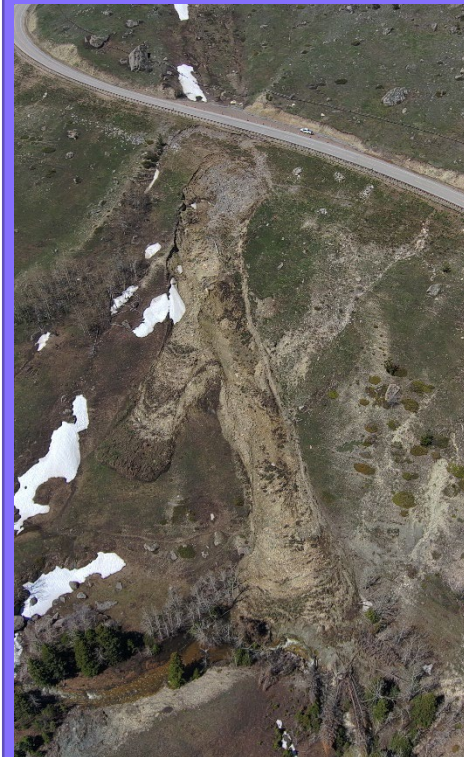


WYDOT Overview

- Highways [~6,700 Miles of Roads and 2000 Bridges

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

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



Wyoming Transportation Fact Book -

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 \$900-1000/ton (had reached a high of \$1500/ton)
 - Mob - 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 -2.00/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
- 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**

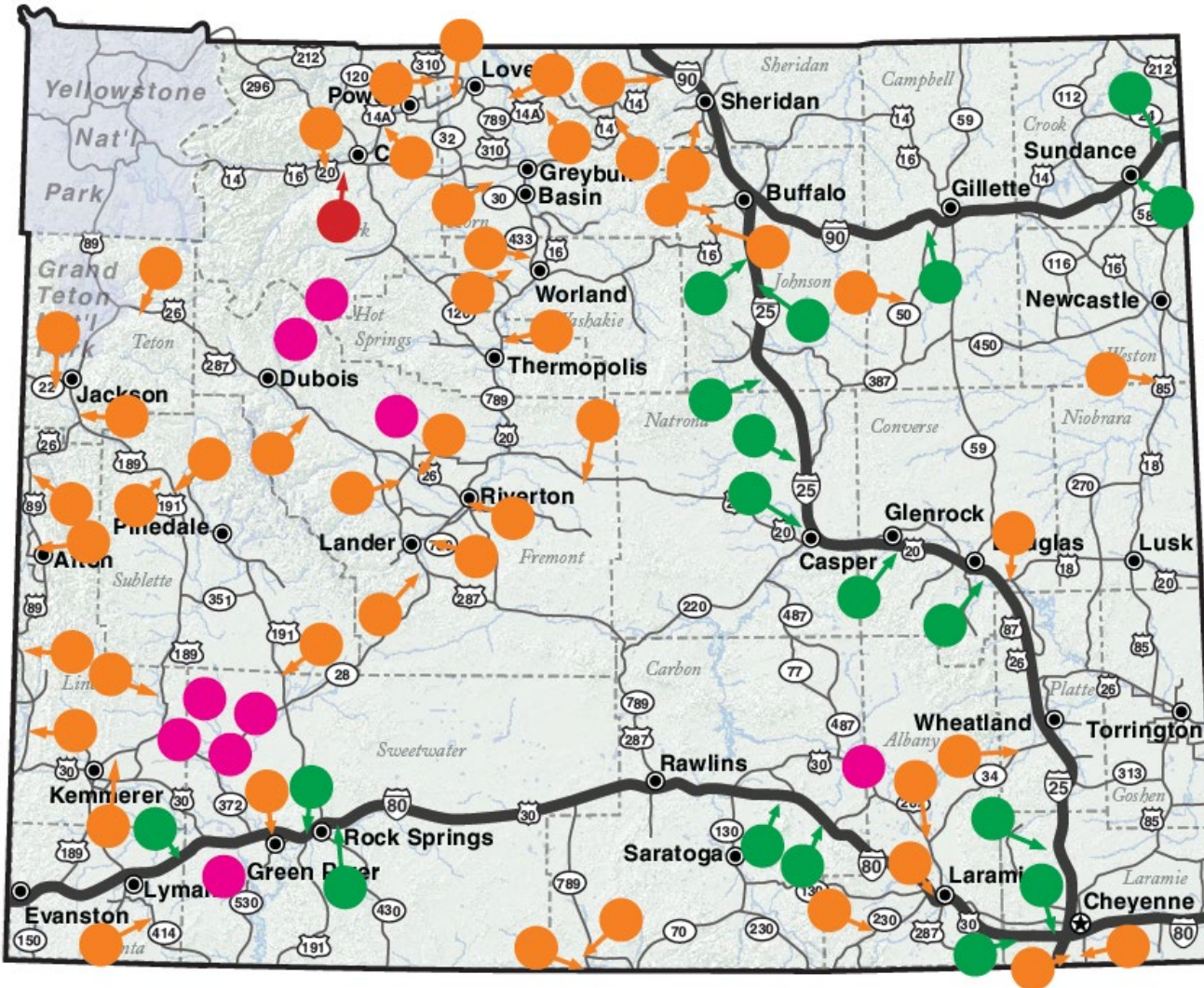
Federal vs State Funding

- 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 No	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 No	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 No	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 No	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 No	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

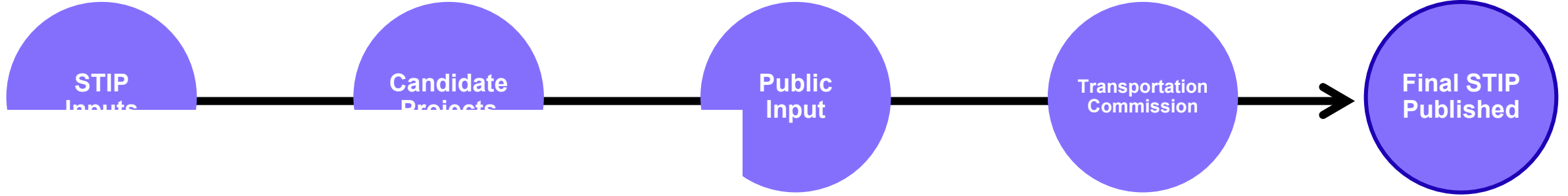
-  **WYDOT web page – Transportation Grant opportunities**
(https://www.dot.state.wy.us/home/business_with_wydot/grants.html)

-  **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 Process Overview



1e - August

September

October 1st

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- Other Projects

- Local Governments

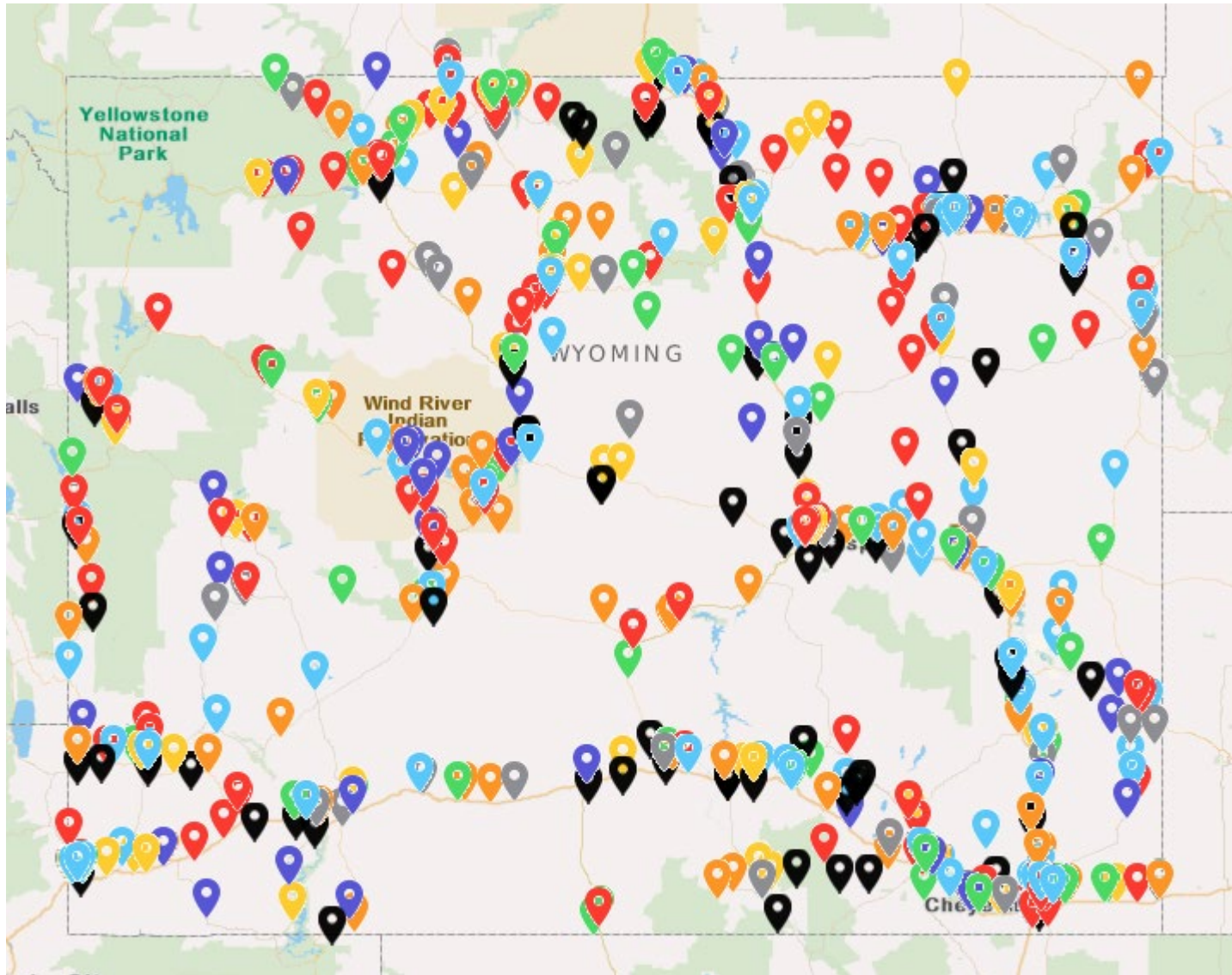
- Approves STIP
- Federal Highway Administration (FHWA) concurs in approval
- Federal Transit Authority concurs in approval



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:::>

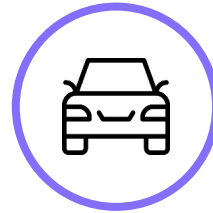


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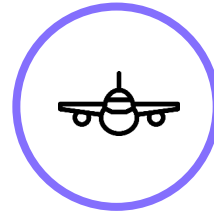
Single source of the Department's projects.



**Highway
Projects – 6
Year Plan**



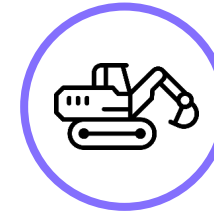
**Transit Projects
– 1 year plan**



**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?

	Wyoming Department of Transportation 5300 Bishop Blvd Cheyenne, WY 82009	STATE TRANSPORTATION IMPROVEMENT PROJECTS ENGINEERING & CONSTRUCTION	WYCN002B
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Natrona County

Aeronautics Projects

Fiscal Year: 2023

Aero Comm Dist	Project	General Location	Character of Work	Cost \$1,000							
				PE FY	PE	CE & COM	TOTAL	FED	ST	OTH	
3	AERD	ACPD01E	CASPER		0	00	00	0	0	04	0
3	AERD	ACPD03C	CASPER	AIRCRAFT RESCUE FIRE TRAINING		0	1,425	1,425	1,336	03	36
3	AERD	ACPD09C	CASPER	PAVEMENT REHABILITATION		0	6,613	6,613	8,200	248	185
FY TOTAL:					90	\$8,098	\$8,098	\$7,536	\$358	\$207	
Grand Total: 2023, Natrona County					\$1,804	\$82,620	\$84,424	\$74,646	\$6,323	\$3,457	

Transportation Projects

Fiscal Year: 2024

Trans Comm Dist	Project	General Location Detail Location	Begin RMI	End RMI	Length	Character of Work	Cost \$1,000							
							PE FY	PE	CE & COM	TOTAL	FED	ST	OTH	
T	M&PI	025416A	CASPER TO JOHNSON COUNTY COUNTY LINE SOUTH 0-25	227.30	225.00	7.90	PAVEMENT RESURFACE	2021	33	2,809	2,900	2,682	210	0
T	STP	0212123	CASPER CY AVENUE AND WYD BOULEVARD INTERCHANGE/WY 220	113.25	113.46	0.21	PAVEMENT REHABILITATION	2000	66	2,119	2,184	1,606	208	0
T	STP	0212124	CASPER POPLAR STREET/CY AVENUE-COLLINS STREET/WY 220	115.30	115.77	0.41	RECONSTRUCTION	2019	287	4,116	4,403	1,985	419	0
T	ARSCT	0212A06	CASPER POPLAR STREET BETWEEN CY AVENUE AND COLLINS DRIVE	115.30	115.77	0.41	UTILITY		0	754	754	0	0	754
FY TOTAL:				8.93			\$385	\$8,658	\$10,243	\$8,653	\$937	\$754		



STIP - What is in the document?

	Wyoming Department of Transportation 5300 Bishop Blvd Cheyenne, WY 82009	STATE TRANSPORTATION IMPROVEMENT PROJECTS COUNTY TOTAL	WYCTN001025UM
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County		Transportation Projects	Communications Projects	Transit Projects	Aeronautics Projects	Total
Natrona	2023	\$75,796,000	\$0	\$530,000	\$8,098,000	\$84,424,000
	2024	\$10,243,000	\$0	\$0	\$1,171,000	\$11,414,000
	2025	\$27,517,000	\$0	\$0	\$60,000	\$27,577,000
	2026	\$24,457,000	\$0	\$0	\$170,000	\$24,627,000
	2027	\$10,500,000	\$0	\$0	\$1,663,000	\$12,163,000
	2028	\$41,321,000	\$0	\$0	\$0	\$41,321,000
	Future Year	\$26,091,000	\$0	\$0	\$0	\$26,091,000
	Total	\$215,925,000	\$0	\$530,000	\$11,162,000	\$227,617,000



District 2 STIP 2024-2029

Natrona County

Includes current projects



Natrona County Projects

2023

- I-25: Reconstruction and bridge replacement between mileposts 188.01 – 188.89 (Between McKinley and F Street Hill)
- I-25: Milling, overlay and bridge replacement between mileposts 219 - 227
- I-25: Walsh Drive bridge replacement and intersection improvements
- WYO 220: Poplar Street reconstruction between Collins Dr. and Yellowstone

2024

- I-25: Microsurface between mileposts 227.12 – 234.85
- Casper Streets: CY Avenue at Wyoming Boulevard – Mill, pavement inlay, curb and gutter, sidewalk and ADA upgrades



Natrona County Projects

2025

- I-25: (Johnson County, TTT section) – Mill, level, overlay, structure rehabilitation, southbound lanes between mileposts 244 – 253
- U.S. 287: (Carbon County) – Mill and overlay between mileposts 33 – 44.77
- WYO 387: Overlay and chip seal between mileposts 102 – 115
- Barnum Road (Johnson County): Bridge replacement at milepost 10.2
- WYO 253: Bridge Replacement at milepost 2.78 (Dry Muddy Creek)
- Bridge Rehabilitation:
 - I-25 at milepost 184.15 (Blackmore Road)
 - WYO 220 at milepost 85.81 (Casper Canal)



Natrona County Projects

2026

- I-25: Pavement and structure reconstruction between mileposts 186.04 – 188
- WYO 192 (Johnson County): Removal of guardrail and slope flattening between mileposts 29.55 – 31.93
- U.S. 20/26: Bridge rehabilitation at milepost 41.19 (S. Fork Powder River)
- Casper Streets: Poplar Street, CY to Collins – Reconstruction, water line replacement, sewer maintenance and enhancements



Natrona County Projects

2027

- I-25: Stock pass replacement at milepost 217.72
- U.S. 287 (Carbon County): Overlay and chip seal between mileposts 44.77 – 51.06
- WYO 258: Overlay and wearing course between Allendale Drive and 12th Street
- WYO 253: In-place recycle between mileposts 1.08 – 10.90
- Natrona County: Bridge replacement on Badwater Road (Badwater Creek)



Natrona County Projects

2028

- I-25: Mill and overlay between mileposts 180 – 184.58
- I-25: Mill and overlay (southbound lanes) between mileposts 160 - 175
- U.S. 20/26: (Old Glenrock Highway) – Overlay and chip seal between mileposts 176.39 – 183.91
- U.S. 287/WYO 789 (Freemont County): Overlay and chip seal between mileposts 58.3 – 65.10
- Casper First Street: Concrete rehabilitation between mileposts 1.2 – 3.86
- Natrona County: Gray Reef Road – bridge replacement (Hogback Draw)



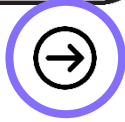
Natrona County Projects

2029

- WYO 258: Mill and overlay between mileposts 10.45 – 12.66
- WYO 487: Bridge rehabilitation at milepost 55.79 (Sand Creek)
- Natrona County: Bridge replacement at Thirty three Mile Road (S. Fork Powder River)



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?

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