

WYDOT

Partnerships

Building Strong Transportation Together



2019 Albany County STIP Presentation

July 2019



Meet WYDOT

District 1 Contacts



Tom DeHoff
District Engineer



District Headquarters
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307-745-2100

Jim Espy
Transportation
Commissioner
(Albany and Carbon
Counties)



District 1



Meet WYDOT

District 1 Contacts



**Ralph
Tarango**
District
Maintenance
Engineer



Tim Morton
District
Construction
Engineer



**Capt. Tom
Stoker**
Wyoming
Highway
Patrol



**Dick
Demoney**
District
Equipment
Supervisor



**Randy
Griesbach**
District Traffic
Engineer



**Matt
Murphy**
Public
Relations
Specialist



Meet WYDOT

Albany County



Construction



Steve Cook
Resident
Engineer



Kory Cramer
Resident
Engineer

Maintenance



Tye Fix
Area Maintenance Supervisor

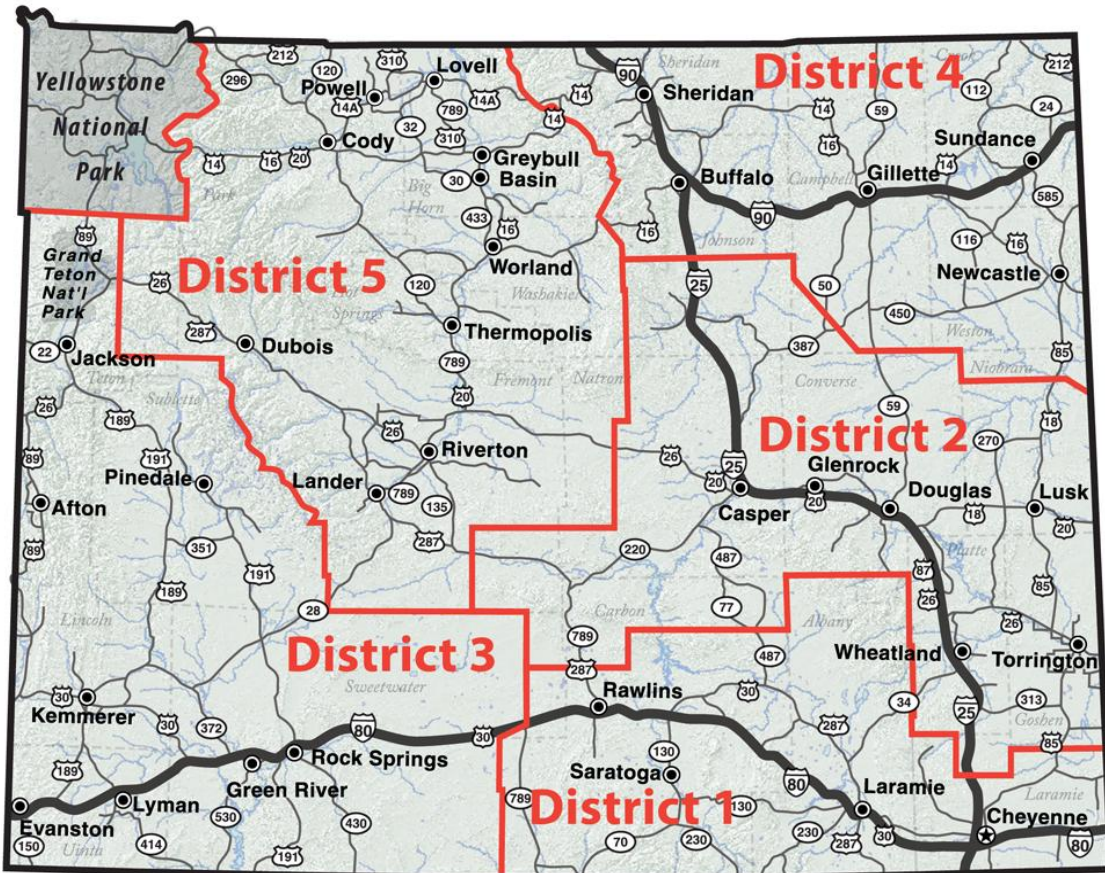


Brett Baker
Foreman



Al Branscom
Foreman

WYDOT Construction Districts



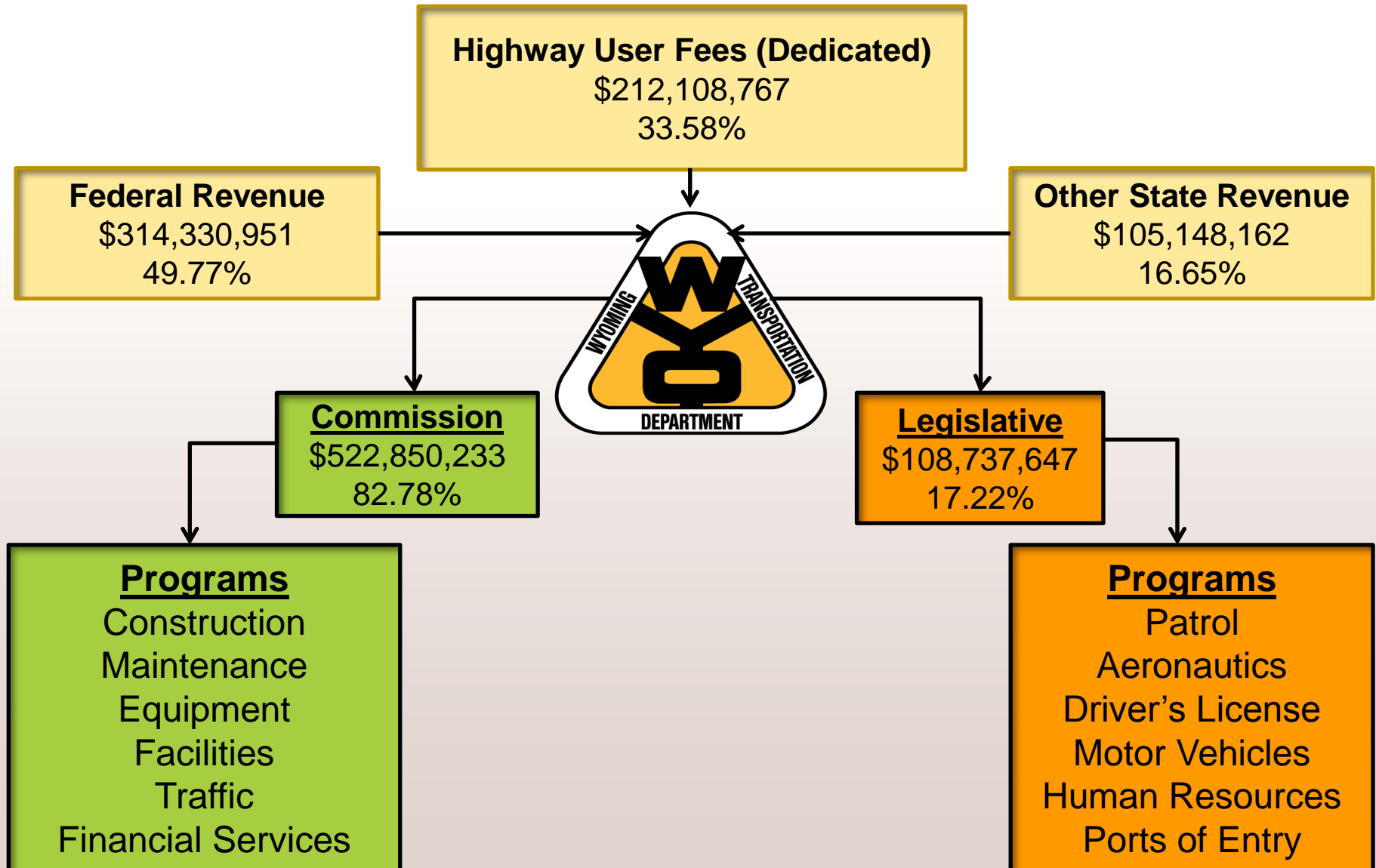
Albany County is in District 1, including both municipalities.

District 1 also includes most of Laramie County, most of Carbon County, and a small part of Sweetwater County.

- **Funding**
- **STIP Development and Overview**
- **District Projects**
- **Local Updates**
- **Partnership Opportunities**

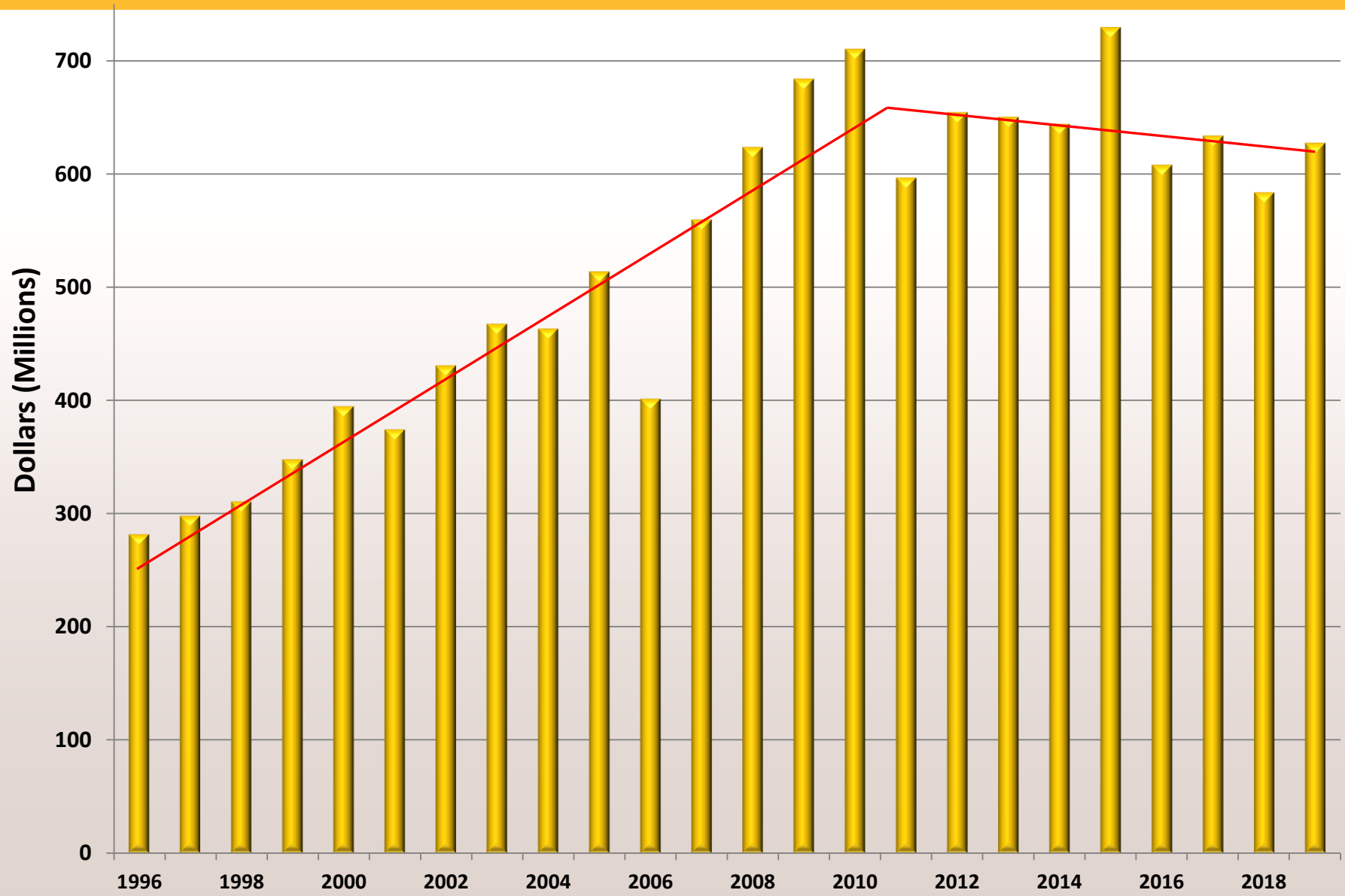
Funding

Fiscal Year 2019 - \$631,587,880



Funding

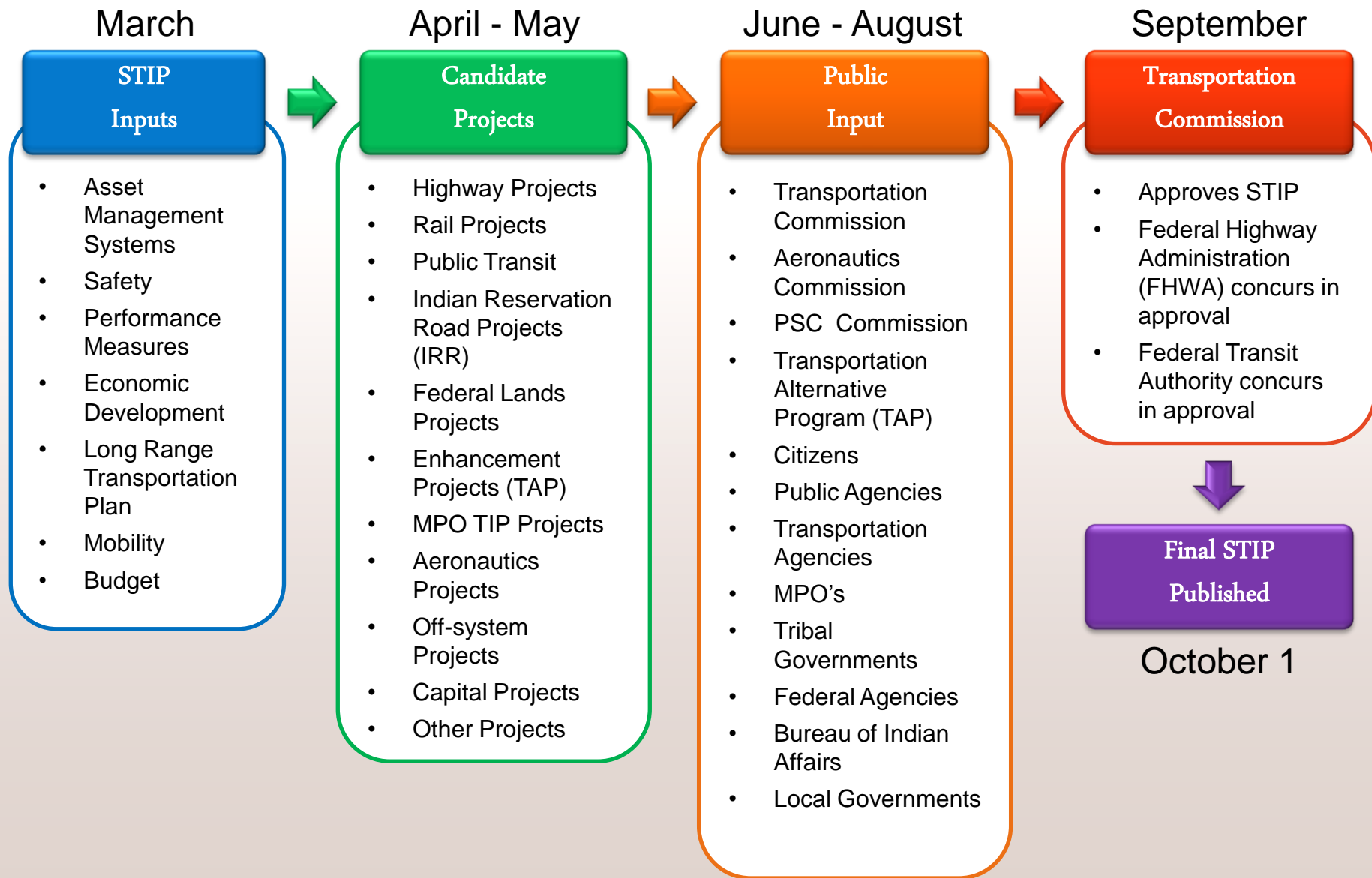
WYDOT Revenue Trend 1996-2019



State Transportation Improvement Program (STIP)



Process Overview



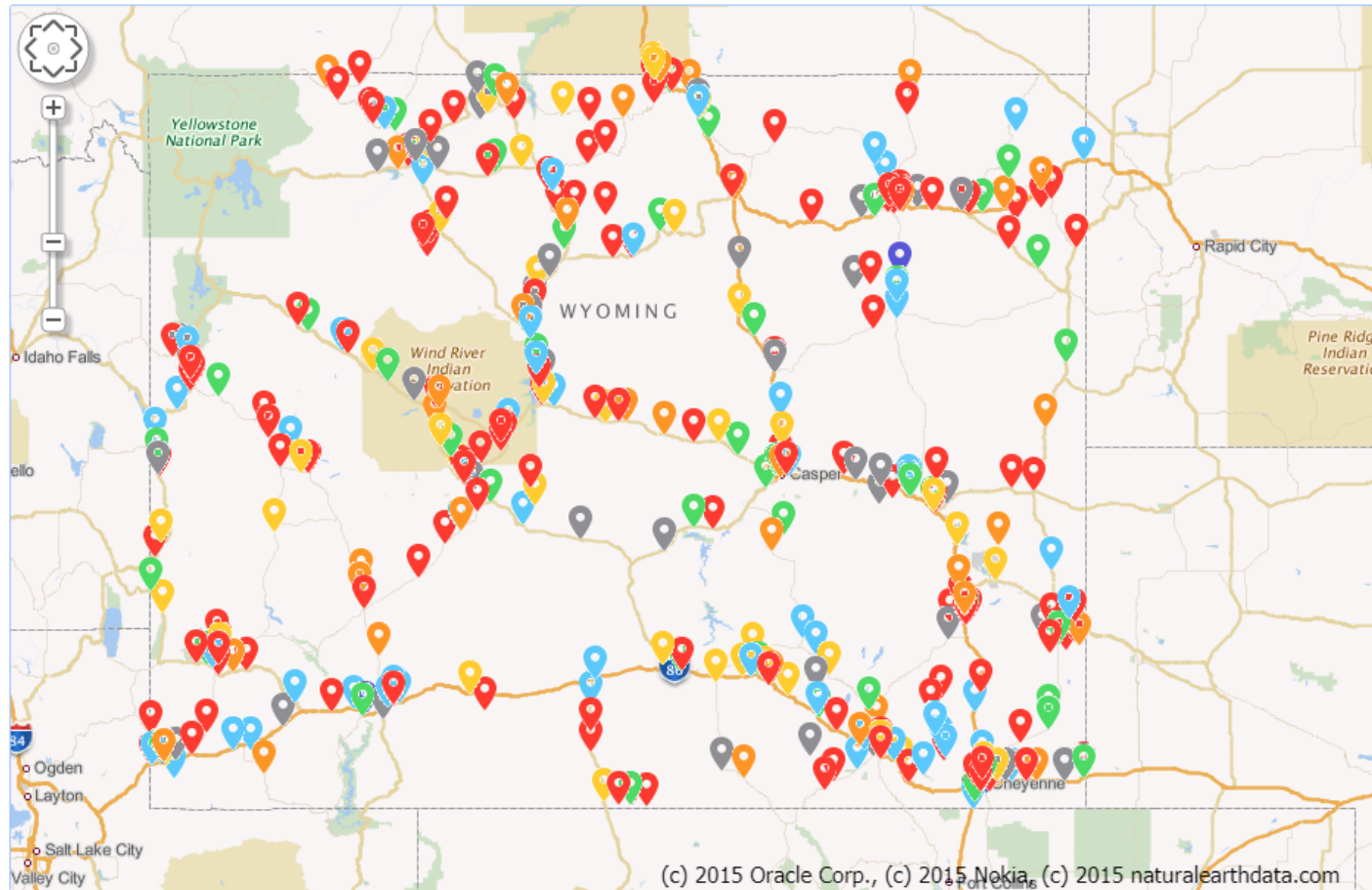
State Transportation Improvement Program (STIP)

Project Map - <https://webapp.dot.state.wy.us/> and click 'STIP'



- State Transportation Improvement Program (STIP)
- Map
- Add A Comment
- View All Comments

Map



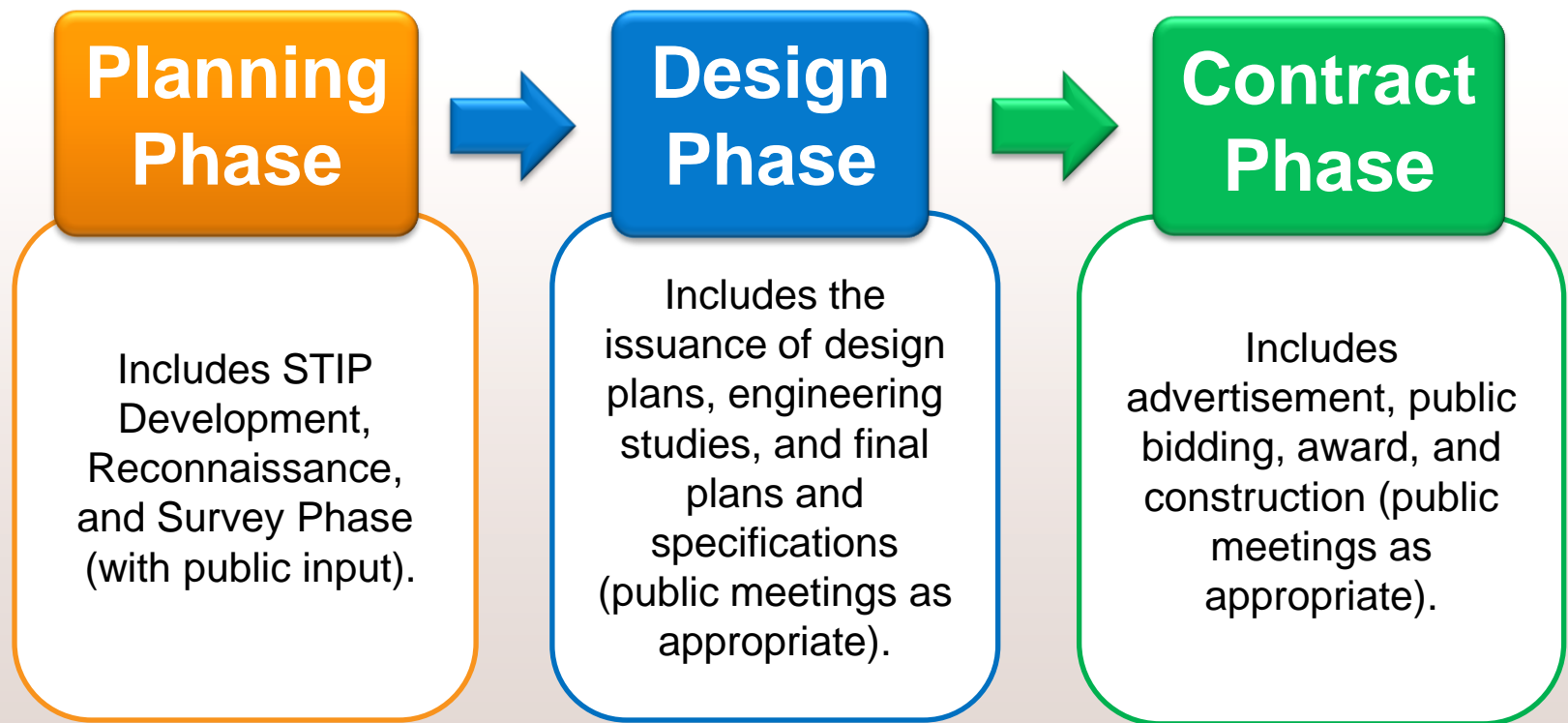
Legend

- 2019
- 2020
- 2021
- 2022
- 2023
- 2024
- 2025

(c) 2015 Oracle Corp., (c) 2015 Nokia, (c) 2015 naturalearthdata.com

State Transportation Improvement Program (STIP)

Highway Project Process

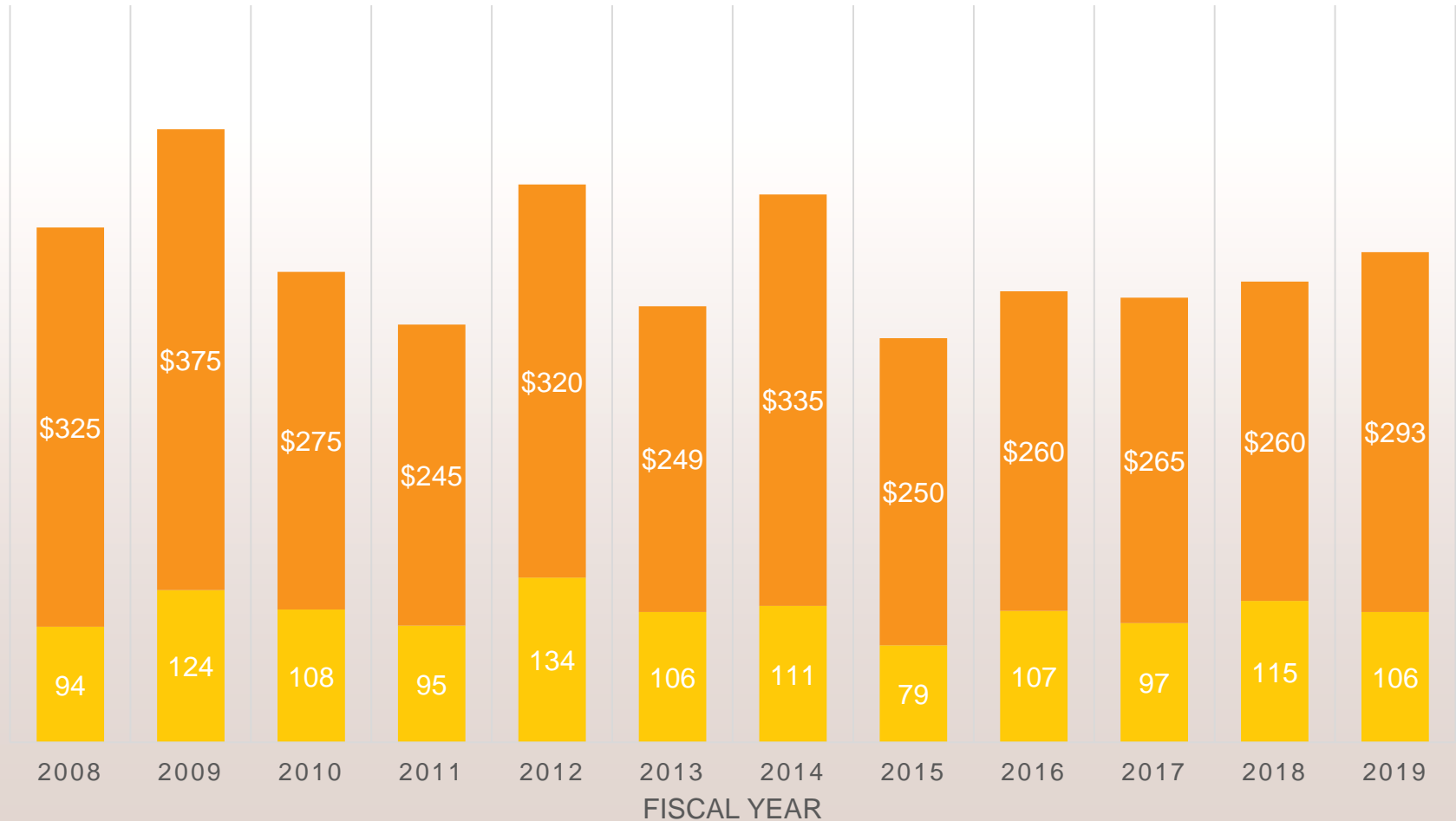


State Transportation Improvement Program (STIP)

Number of Projects Let & Cost Per Fiscal Year



■ Number of Projects Let ■ Cost Per Fiscal Year (Millions)



State Transportation Improvement Program (STIP)

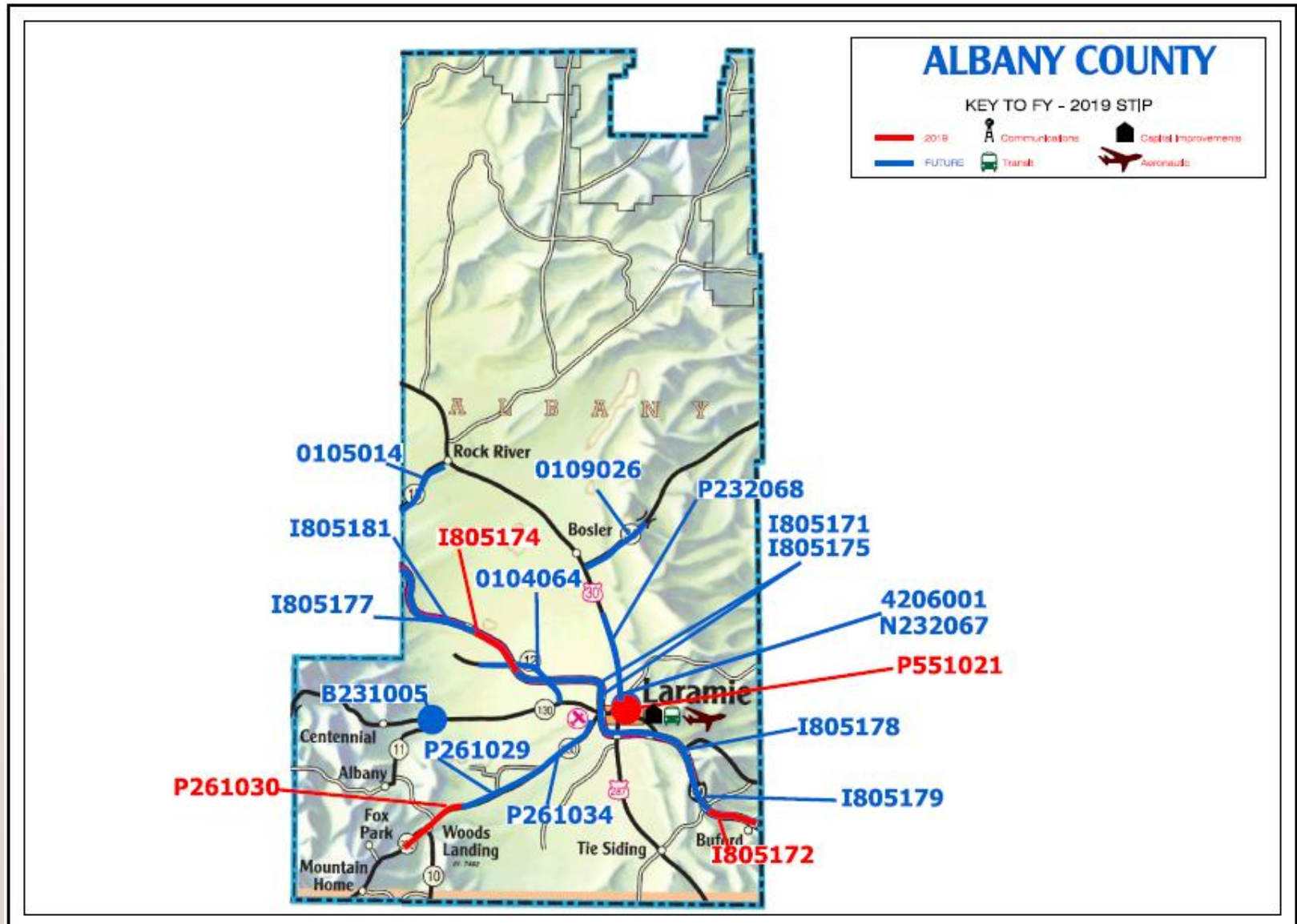


What's in the document?

- Highway Projects – 6 year plan
- Transit Projects
- Aeronautic Projects
- Public Safety Communications Commission (PSCC) Projects
- Capital Construction Projects

State Transportation Improvement Program (STIP)

What's in the document?



State Transportation Improvement Program (STIP)



What's in the document?



Wyoming Department of Transportation
5300 Bishop Blvd
Cheyenne, WY 82009

STATE TRANSPORTATION IMPROVEMENT PROJECTS ENGINEERING

Albany County

Transportation Projects

Fiscal Year: 2020

Trans Comm Dist	Project		General Location	Detail Location	LRS ID	Begin RM	End RM	Length	Character of Work	Cost \$1000			
										Federal	State	Other	Total
2	SCP-TC	0104064	LARAMIE	HERRICK LANE/WY 12	104	0.10	12.18	12.08	PAVEMENT REHABILITATION	0	3,418	0	3,418
2	NHPPI	1805178	LARAMIE TO CHEYENNE	TELEPHONE CANYON STRUCTURE NO. BLJ	80	319.00	324.00	5.00	STRUCTURE REPAIR	3,562	278	0	3,840
2	HSIP	1805181	TRANSPORTATION DISTRICT 1	I-80/SIGN UPGRADE	80	280.90	336.60	55.70	SAFETY IMPROVEMENTS	835	65	0	900
2	SCP-TC	P261029	LARAMIE TO WOODS LANDING	HARMONY/WY 230	26	11.50	22.16	10.66	PAVEMENT REHABILITATION	0	4,811	0	4,811
FY TOTAL:								83.44		\$4,397	\$8,572	\$0	\$12,969

District 1 STIP 2019-2025

2019

Current Projects FY 2019

WYO 230, Harmony – Mountain Home (MP 22-33) - Resurfacing: \$4.7 million



Current Projects FY 2019

Laramie/Grand Ave (3rd-15th Street): Mill/Overlay/ADA/Traffic Signals: \$2.6 million



Current Projects FY 2019

I-80, (MP 330-336): Mill, Overlay, Seal Coat: \$8.7 million



Current Projects FY 2019

I-80, Herrick Lane – Quealy Dome (MP 291-300) - Mill, Overlay, Seal Coat: \$12 million



Current Projects FY 2019

Chip seal work - Locations around District 1: \$1.6 million



Locations in Albany County included:

- WYO 34, MM 9.7-22.36



Current Projects FY 2019

District-wide Projects



Locations elsewhere across District 1:

- Contract patching: \$3.1 million
- Crack seal: \$500,000
- Slab repair: \$2.2 million
- Bridge rehab: \$4 million

2020

Emerging Projects FY 2020

WYO 230, west of Laramie (MP 11-22) - Mill, Overlay, Seal Coat: \$4.8 million



Emerging Projects FY 2020

I-80, Telephone Canyon (MP 319-324) - HPWC/Bridge Rehab: \$4.1 million



Emerging Projects FY 2020

WYO 12, Herrick Lane (MP 0-12) - Overlay, Seal Coat: \$4.3 million



Emerging Projects FY 2020

I-80 Sign Upgrade: \$900,000

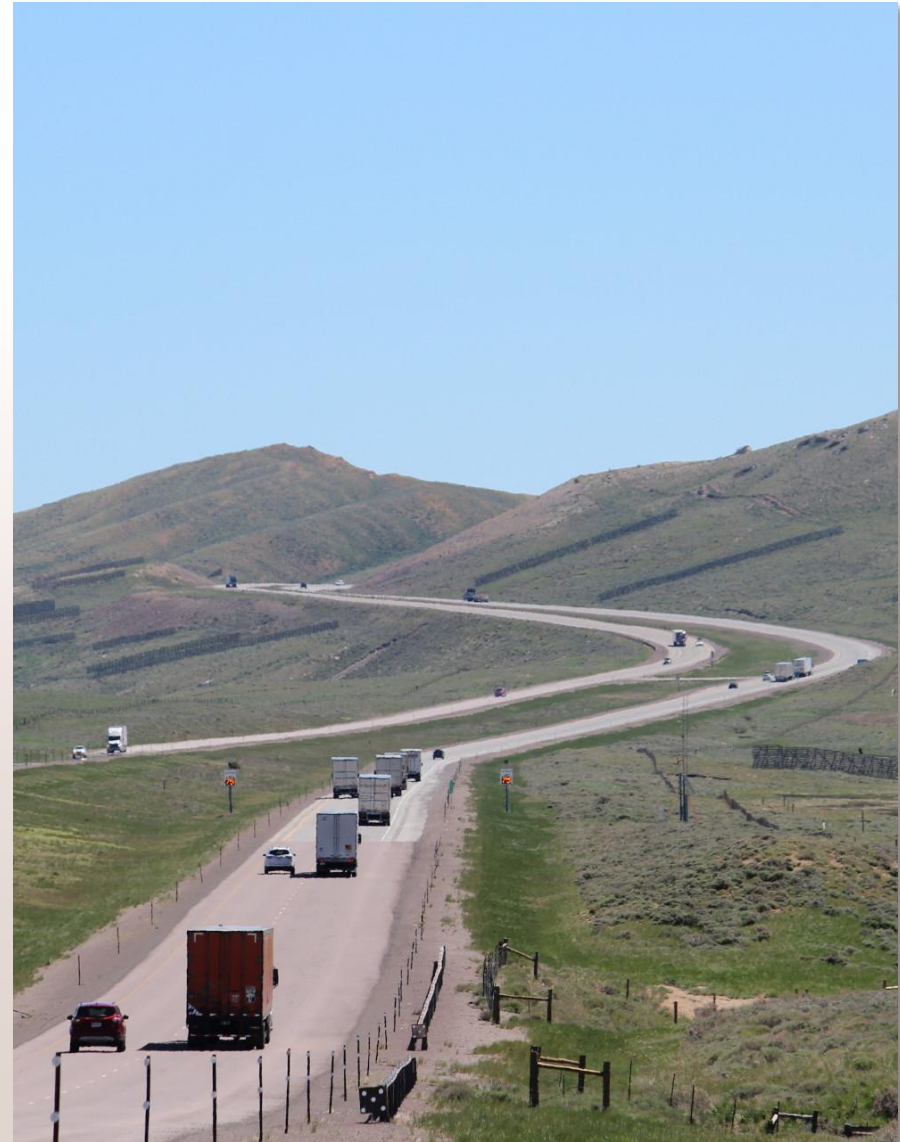


BUILD Grant – I-80 Winter Freight

New Climbing Lanes, Truck Parking Areas



- In December 2018, Wyoming was awarded a \$20 million BUILD grant from the federal government
- The funding will be used to add climbing lanes on I-80 westbound at Cooper Cove and eastbound at Halleck Ridge
- In addition, two truck parking areas will be built at Quealy Dome and Sinclair, each for about 100 trucks
- Construction will begin in 2020



Emerging Projects FY 2020

District-wide Projects



Locations to be determined across District 1:

- Chip seal: \$1.8 million
- Contract patching: \$2.8 million
- Crack seal: \$500,000
- Slab repair: \$500,000
- Bridge rehab/epoxy overlay: \$1.5 million
- Thermoplastic marking: \$270,000
- Epoxy Striping: \$550,000



2021

Emerging Projects FY 2021

I-80, near Quealy Dome (MP 282-291) - Mill, Overlay, Seal Coat: \$13.1 million



Emerging Projects FY 2021

I-80 Marginal, Curtis Street to 3rd Street (MP 310-313) - Slab Repair, HPWC: \$5.6 million



Emerging Projects FY 2021

District-wide Projects



Locations to be determined across District 1:

- Chip seal: \$1 million
- Contract patching: \$1 million
- Crack seal: \$500,000
- Slab repair: \$1.6 million
- Bridge rehab: \$4.7 million
- Bridge rehab/epoxy overlay: \$1.2 million
- Epoxy striping: \$550,000



2022

Emerging Projects FY 2022

I-80, Summit to Vedauwoo (MP 324-330) - Mill, Overlay, Seal Coat: \$11.6 million



Emerging Projects FY 2022

Laramie – Bill Nye Avenue, Boulder to 15th, extend Cortthell - New Construction: \$6.3 million



Emerging Projects FY 2022

3rd Street and Flint Street - New Traffic Signal: \$425,000



Emerging Projects FY 2022

District-wide Projects



Locations to be determined across District 1:

- Chip seal: \$500,000
- Contract patching: \$800,000
- Crack seal: \$225,000
- Slab repair: \$500,000
- Bridge rehab: \$200,000
- Bridge rehab/epoxy overlay: \$1.1 million

2023

Emerging Projects FY 2023

WYO 34, east of Bosler (MP 0-9) - Overlay, Seal Coat: \$5.6 million



Emerging Projects FY 2023

WYO 230, west of Laramie (MP 2.4-11.5) - Mill, Overlay, Seal Coat: \$4.4 million



Emerging Projects FY 2023

I-80, Curtis Street Interchange (MP 310) - Bridge Replacement: \$7.3 million



Emerging Projects FY 2023

District-wide Projects



Locations to be determined across District 1:

- Chip seal: \$400,000
- Contract patching: \$500,000
- Crack seal: \$250,000
- Slab repair: \$250,000
- Bridge rehab: \$250,000
- Guardrail: \$1 million

2024

Emerging Projects FY 2024

WYO 13, west of Rock River (MP 0-8) - Mill, Overlay, Seal Coat, Bridge Replacement: \$5.4 million



Emerging Projects FY 2024

District-wide Projects



Locations to be determined across District 1:

- Chip seal: \$750,000
- Contract patching: \$1 million
- Crack seal: \$500,000
- Slab repair: \$500,000
- Bridge rehab: \$250,000

2025

Emerging Projects FY 2025

Laramie/3rd Street (Curtis-Boswell) - Mill, Overlay, ADA, Traffic Signals: \$5.8 million



Emerging Projects FY 2025

District-wide Projects

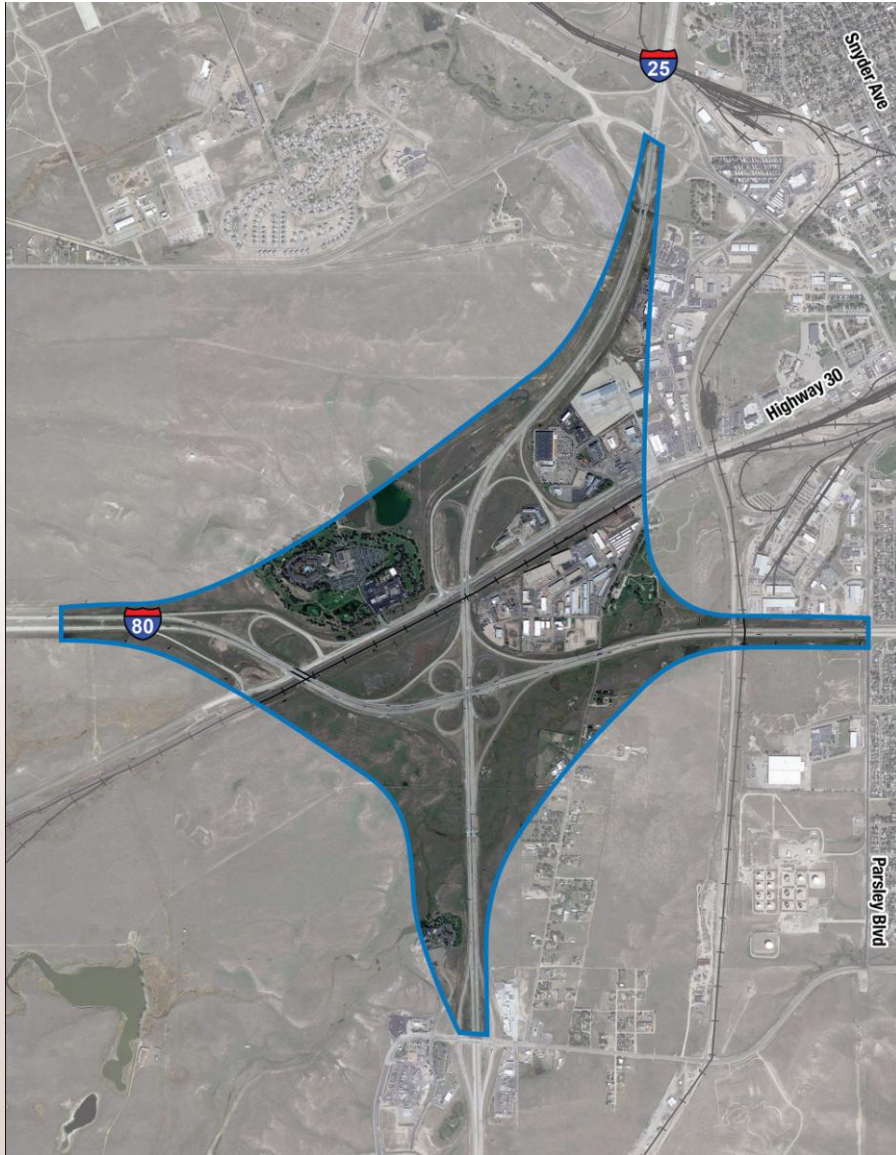


Locations to be determined across District 1:

- Chip seal: \$500,000
- Contract patching: \$500,000
- Crack seal: \$250,000
- Slab repair: \$250,000
- Bridge rehab: \$480,000

Local Updates

I-25/I-80 Interchange Study



- WYDOT and Jacobs Engineering are currently in design work of the I-25/I-80 interchange in Cheyenne.
- The result of this effort will produce 60% design plans for the project.
- No money is available to fund the project, but WYDOT plans to apply for federal grants for construction.
- Public meetings have been held, including one on May 1. More will be held in the future.
- The project website is at www.i25i80.com.

Southeast Wyoming Growth



- More than one in four Wyoming residents live in Southeast Wyoming/ District 1 (Laramie, Albany, Carbon counties)
- Cheyenne and Laramie County remain the largest city and county in the state.
- Laramie County grew 7.7% from 2010 to 2018. With 98,976 residents, it is close to breaking the 100,000 mark in the next few years.
- The city of Laramie has passed Gillette to become Wyoming's third-largest city (as of 2018 estimates).
- Laramie and Albany counties have consistently grown over the last decade, while Carbon County has lost a small number of population.

This presents new challenges for WYDOT...

Southeast Wyoming Growth



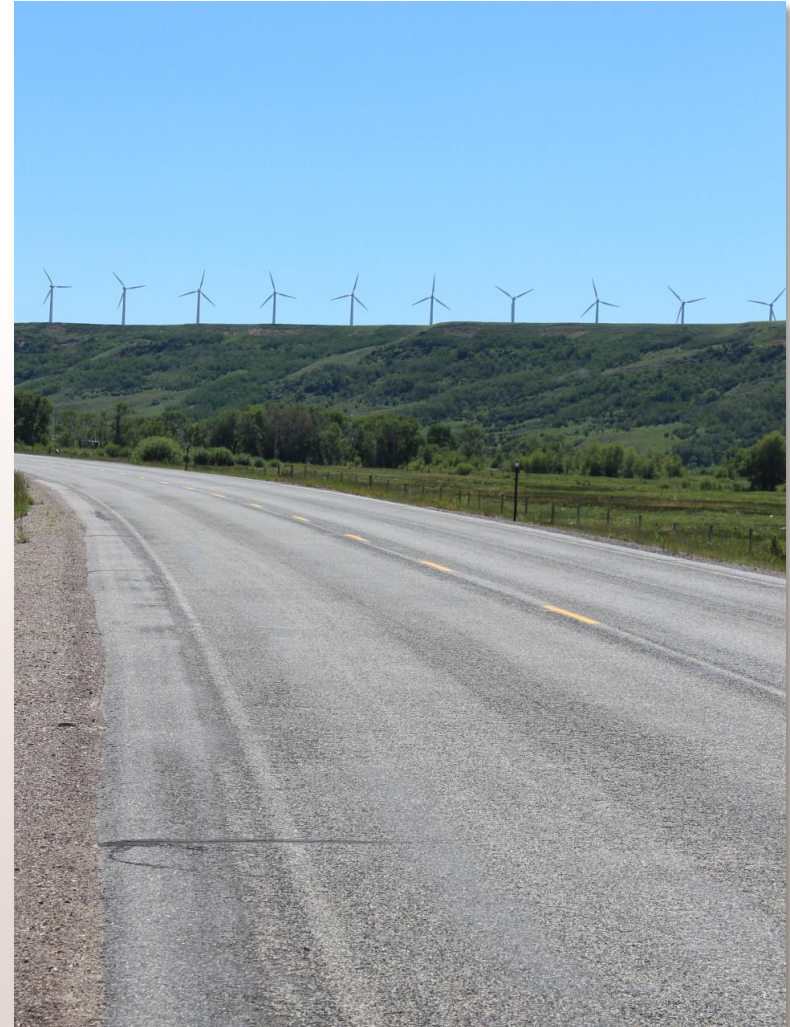
WYDOT recognizes this trend and is adjusting the STIP accordingly

- The future I-25/I-80 interchange project will accommodate growth for years to come
- WYDOT continues to monitor development across the state for effects of population and economic growth, ranging from residential construction to wind power development in Albany and Carbon counties.
- The U.S. 30 project in 2024 will widen that highway to five lanes from Pershing Boulevard east to the UPRR. This will accommodate expected growth in east Cheyenne.
- The College Drive widening project in 2025 will result in a right-angle intersection that will match the planned Sweetgrass development in southeast Cheyenne.

Wind Development



- New wind farms are set to be installed over the next few years in Carbon, Albany, and Laramie counties.
- WYDOT has been working with wind energy companies to create road use agreements for construction.
- WYDOT will do our best to help companies with their development while also considering road maintenance and the safety of the traveling public.



WYO 230 Truck Concerns



- WYDOT representatives met with local residents on June 24 about concerns over water protection and truck crashes on WYO 230 in Albany County
- WHP is currently increasing patrols and plans to increase commercial vehicle enforcement
- WYDOT is adding chevron signs on curves and will install a new truck warning sign this year.



World War II Vet Funeral Procession



- A recently DNA-identified World War II veteran was transported from DIA to Laramie on June 26.
- WYDOT allowed the High Plains Road bridge (I-25, Exit 4) to be closed so that fire companies could set up equipment and a flag on the bridge.
- WYDOT also worked with ACFD1 and the Laramie Fire Department for similar agreements in Albany County.



2018 Wildfires



Two major wildfires affected Southeast Wyoming in 2018

- The Badger Creek Fire in Albany County forced the closure of WYO 230 and WYO 10 and burned 21,310 acres
- The Ryan Fire in Carbon County threatened WYO 230 at times and burned 28,585 acres
- WHP and WYDOT maintenance crews assisted USFS, fire crews, and law enforcement with road closures
- Maintenance also fixed burned fences



New Webcams



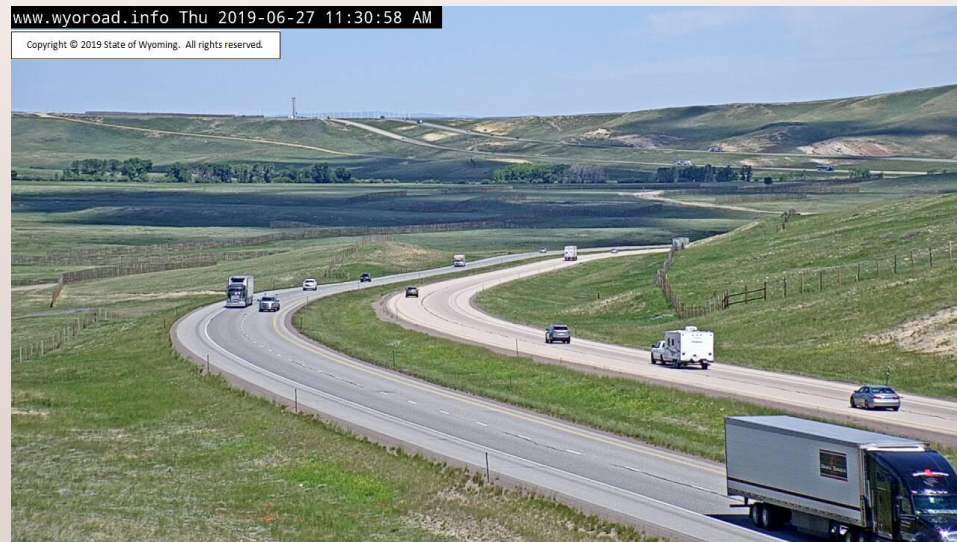
Three new webcams have been installed in SE Wyoming



WYO 230 at MM 33 – top of canyon



U.S. 287 at MM 414 – North of Tie Siding



I-80 at MM 284 – Strouss Hill

Snowy Range Road Bridge Opening



The new Snowy Range Road Bridge opened on July 16, 2018

- A grand opening ceremony was held that was attended by around 200 people
- Residents could walk the bridge the day before it opened
- The bridge was named “Project of the Year” by the Wyoming Engineering Society
- WYDOT continues to analyze traffic patterns created by the new bridge.



Emergency Assistance



WYDOT and WHP assisted with a road closure during the June 6, 2018 Laramie tornado and a service road closure for a UPRR crash on Oct. 5, 2018



Laramie Maintenance repairs fencing destroyed by the June 2018 tornado.



Cheyenne Maintenance and WHP assisted with the UPRR derailment in October 2018.



Partnership Opportunities

WYDOT Partnerships



- **Funding Opportunities**
- **Construction Partnerships**
- **Supply Purchases**



WYDOT Partnerships

Funding Opportunities – Local Government Coordination



- **Bridge Replacement “Off System” (BROS)**
- **Context Sensitive Amenities (CSAs)**
- **Industrial Road Program (IRP)**
- **Transportation Alternatives Program (TAP)**
- **Congestion Mitigation Air Quality (CMAQ)**



WYDOT Partnerships

Funding Opportunities – Local Government Coordination



- **High Risk Rural Road Program (HRRR)**
- **Federal Lands Access Program (FLAP)**
- **Commission Road Improvement Program (CRIP)**
- **Public Transportation**



WYDOT Partnerships

Construction Partnerships



- **Aggregate Stockpiles**
- **Signs & Striping**
- **Chip Seal**
- **Sidewalk & Lighting**
- **Fence**
- **Recycled Asphalt Pavement**
- **Pavement**
- **Water & Sanitary Sewer Line**
- **Utility Upgrades**

WYDOT Partnerships

Supply Purchases – Piggybacking & Joint Bid



- Bulk Sodium Chloride
- Crack Sealing Material
- Survey Stakes
- Duty Jackets
- Work Wear
- Road Oil
- Drug & Alcohol Testing Services
- Solid & Liquid Anti-Icers
- Reflective Sheeting
- Fabricated Steel
- Propane

- Fuel (gasoline & diesel)
- Striping Paint
- Paint Beads
- Road Salt

- Vehicles
- Equipment

Local Government Coordination

Contacts



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Thanks



Thank you for your time.

Let us know how we can help.

Any questions?