

# WYDOT

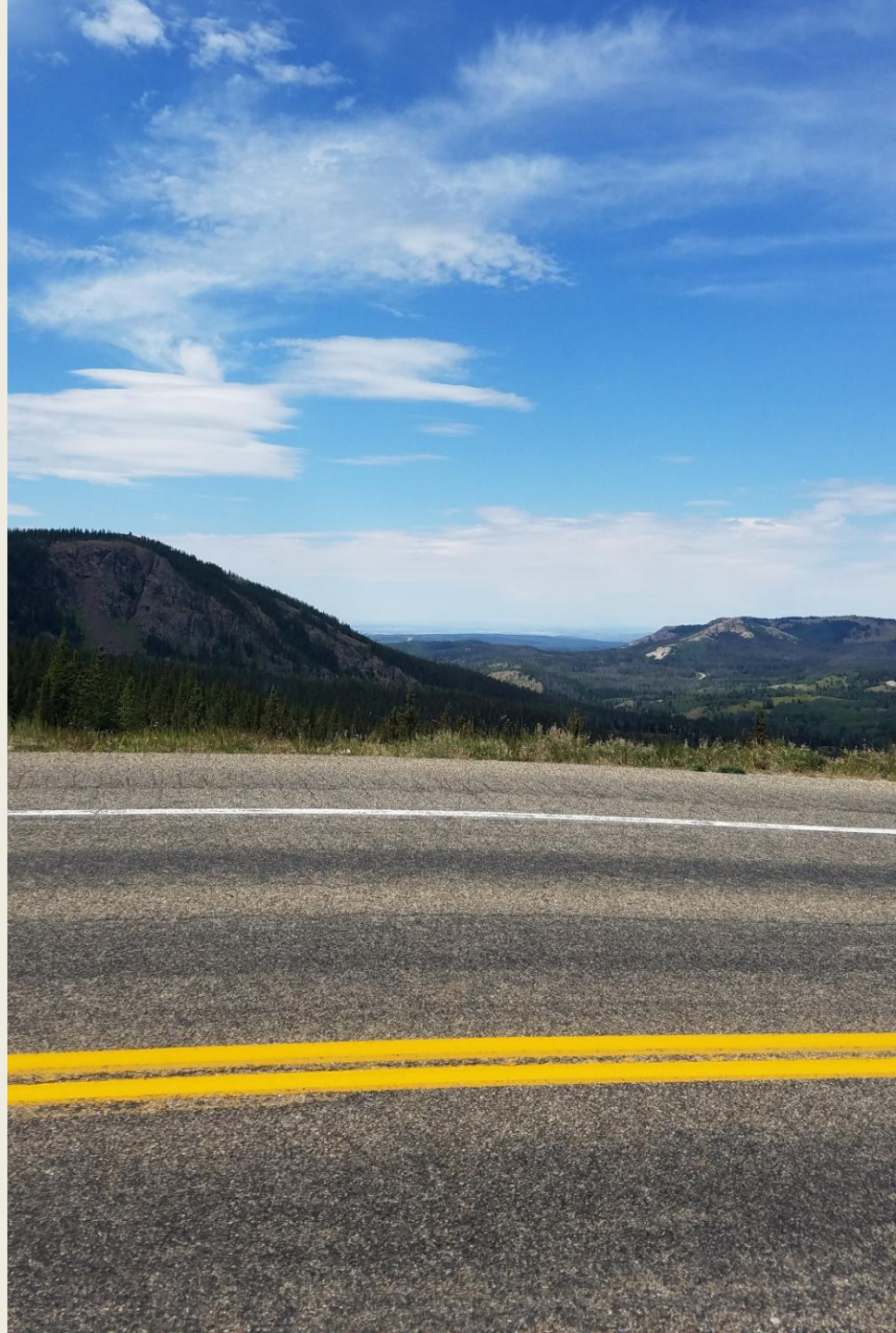
## Partnerships

Building Strong Transportation Together



## 2019 Carbon County STIP Presentation

July 2019



# Meet WYDOT

## District 1 Contacts



**Tom DeHoff**  
District Engineer



**District Headquarters**  
3411 S. 3rd St.  
Laramie, WY 82070  
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

## Carbon County



### Resident Engineers



**Jake Lonn**



**Aaron Spenny**

### Area Maintenance Supervisors



**Marty Mayfield**



**Brand Fogg**

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### Maintenance Foremen



**Merna Carver**  
Baggs



**Rick Ackerman**  
Rawlins



**Bob Martin**  
Medicine Bow



**Billy Zeiger**  
Saratoga



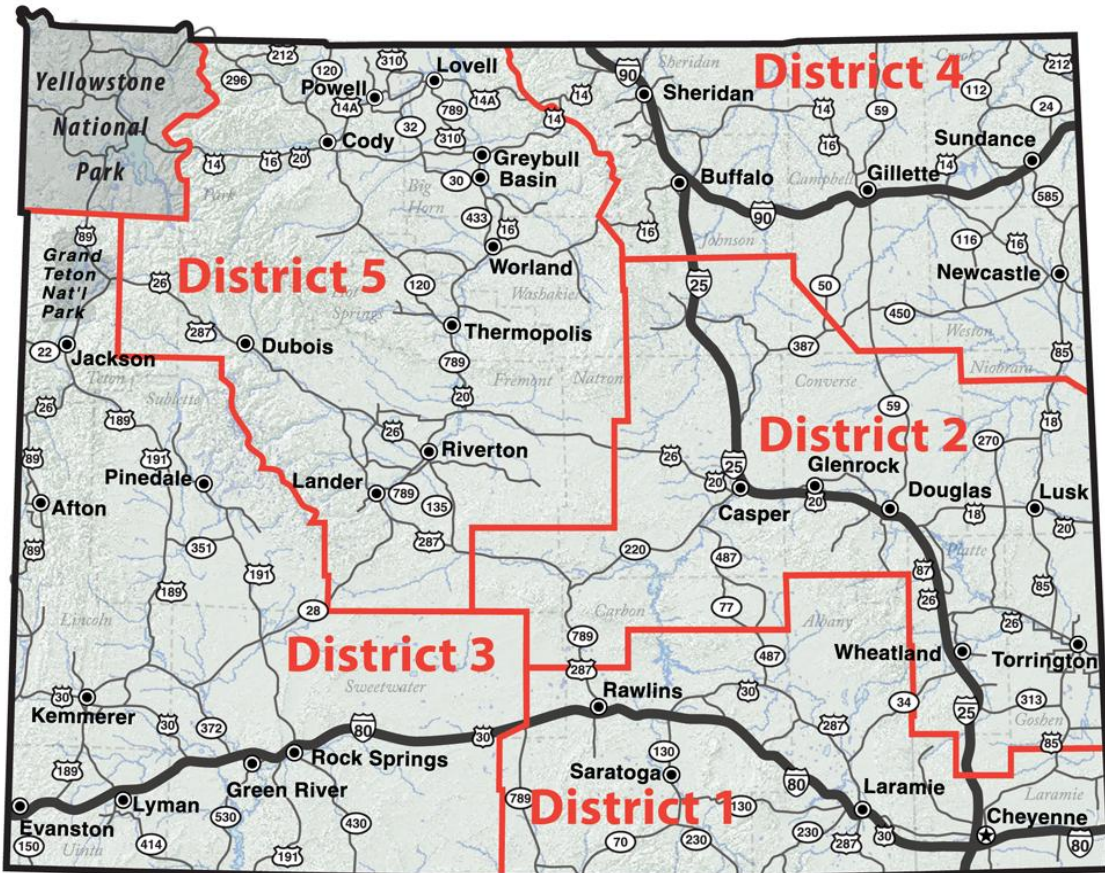
**Tyler Jones**  
Elk Mountain



**Brian O'Connor**  
Arlington



# WYDOT Construction Districts



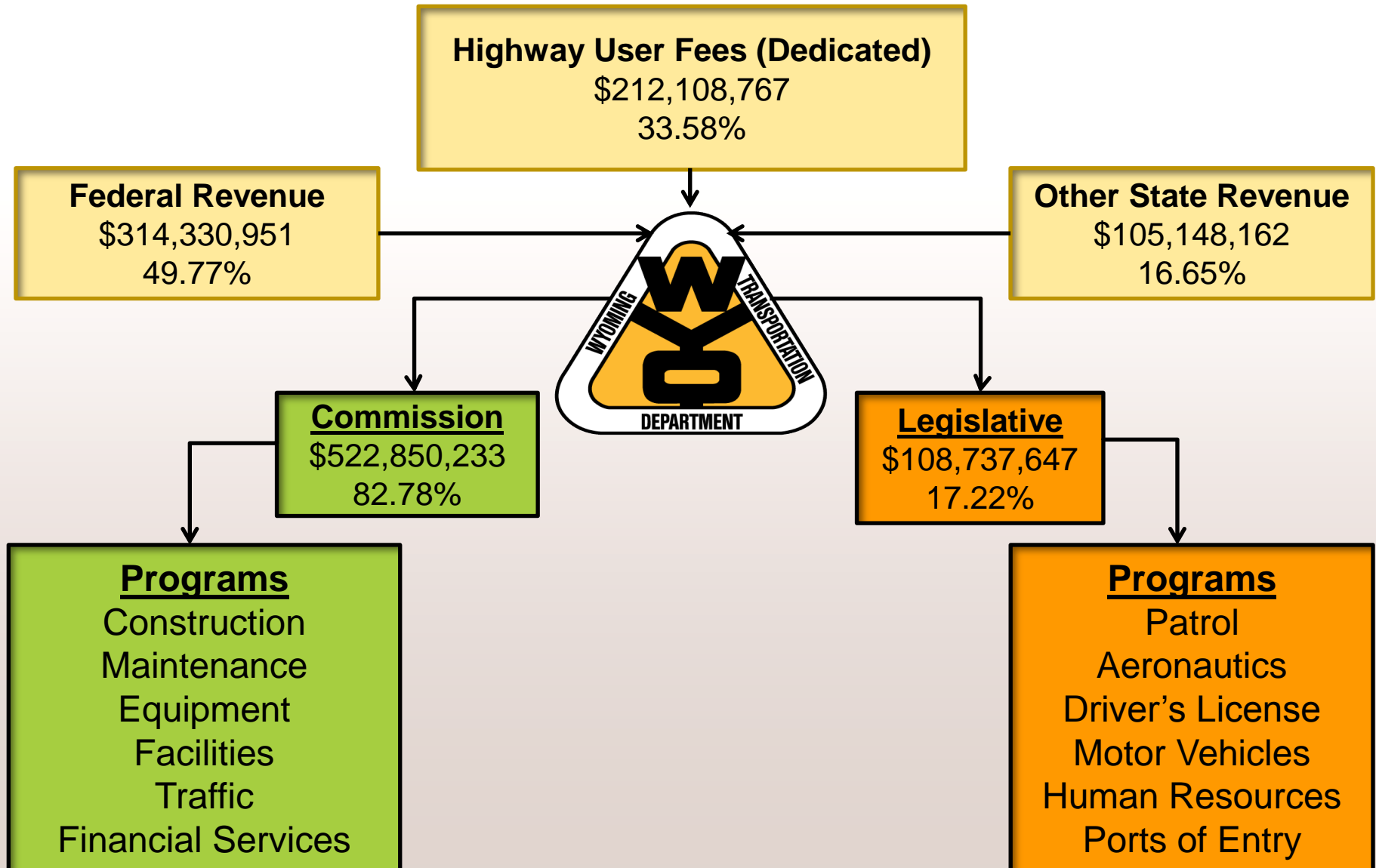
**Most of Carbon County is in District 1, including all municipalities. The remainder is in District 2.**

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

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

# Funding

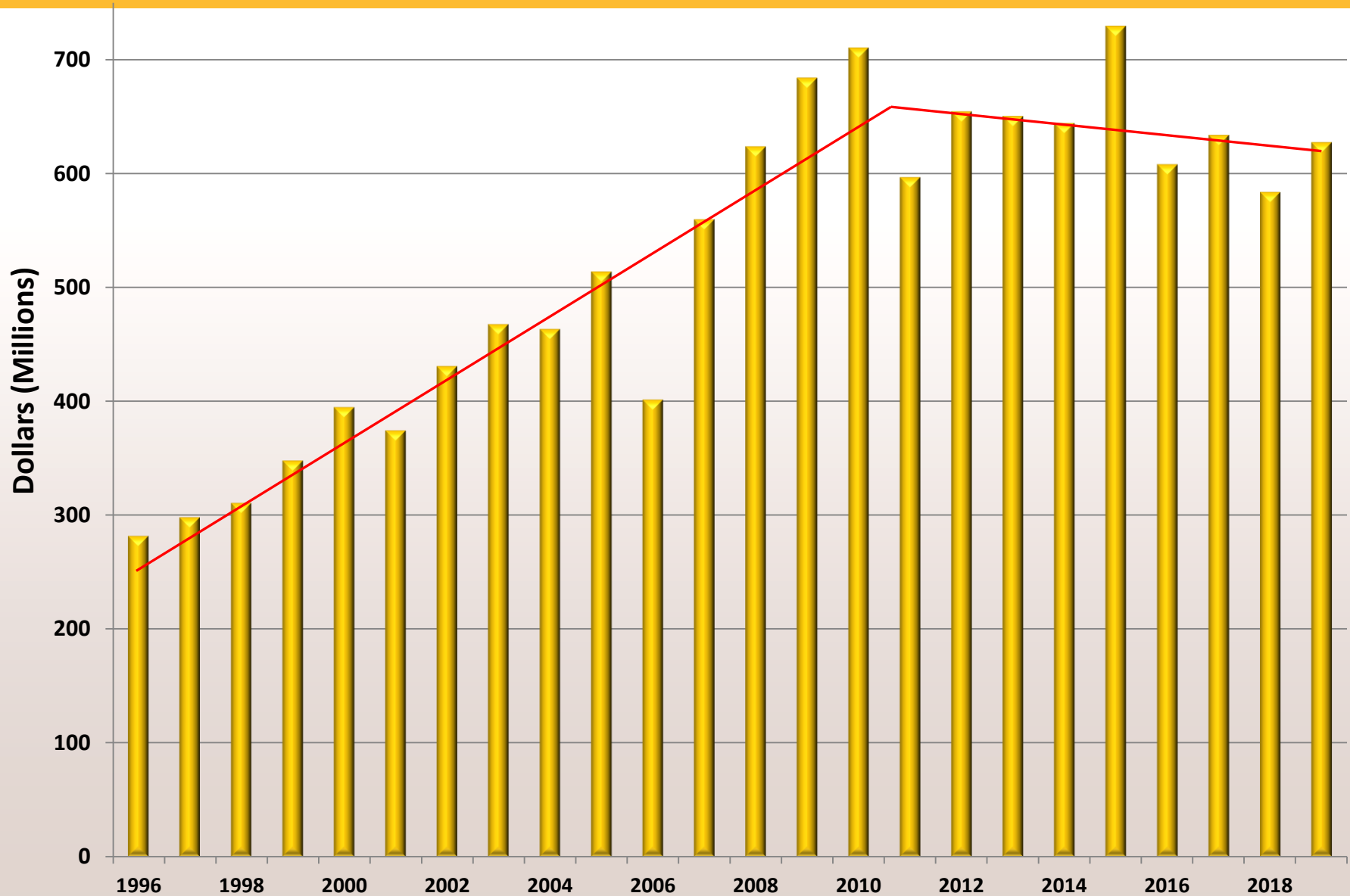
Fiscal Year 2019 - \$631,587,880





# Funding

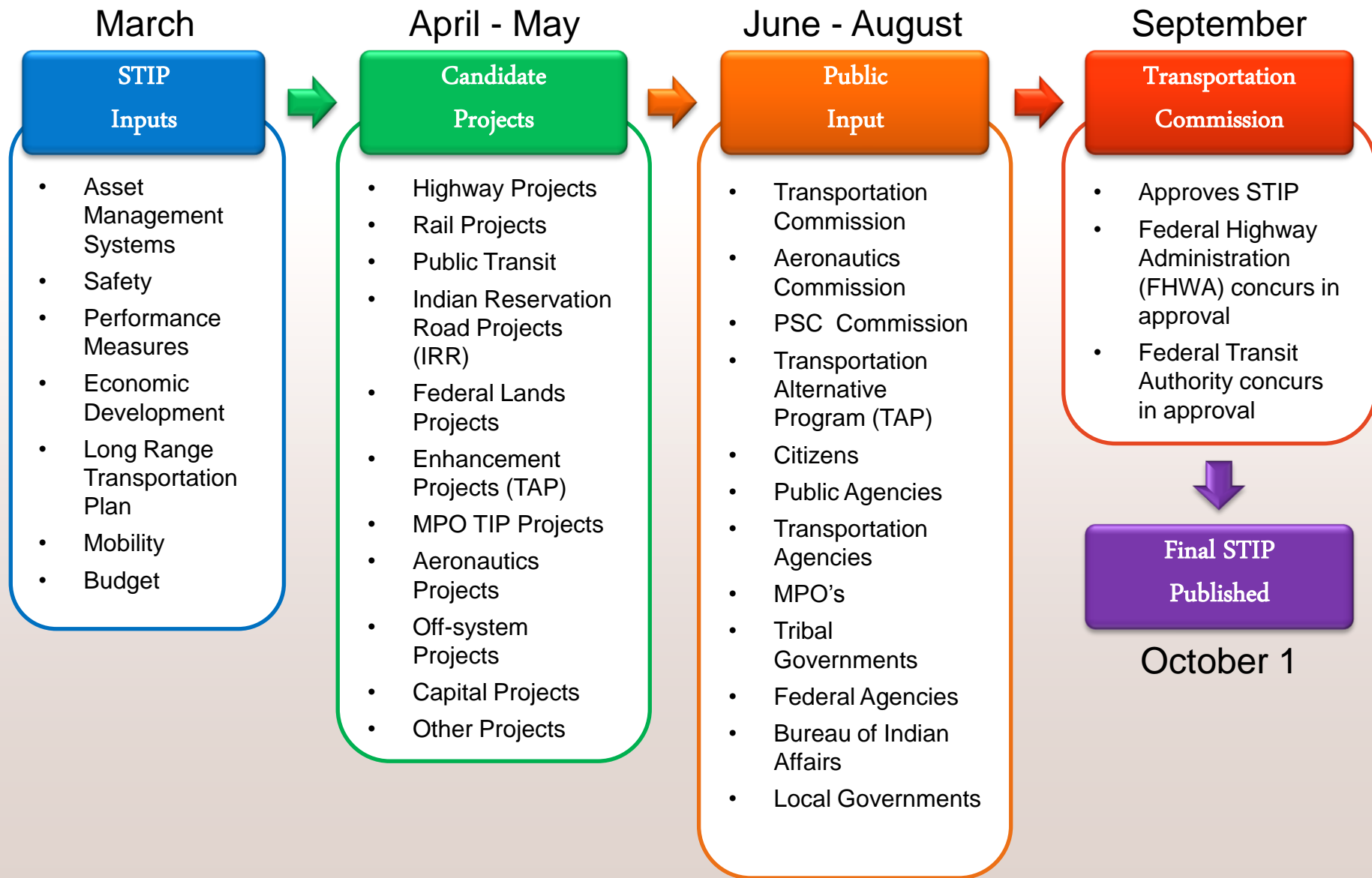
## WYDOT Revenue Trend 1996-2019



# State Transportation Improvement Program (STIP)



## Process Overview



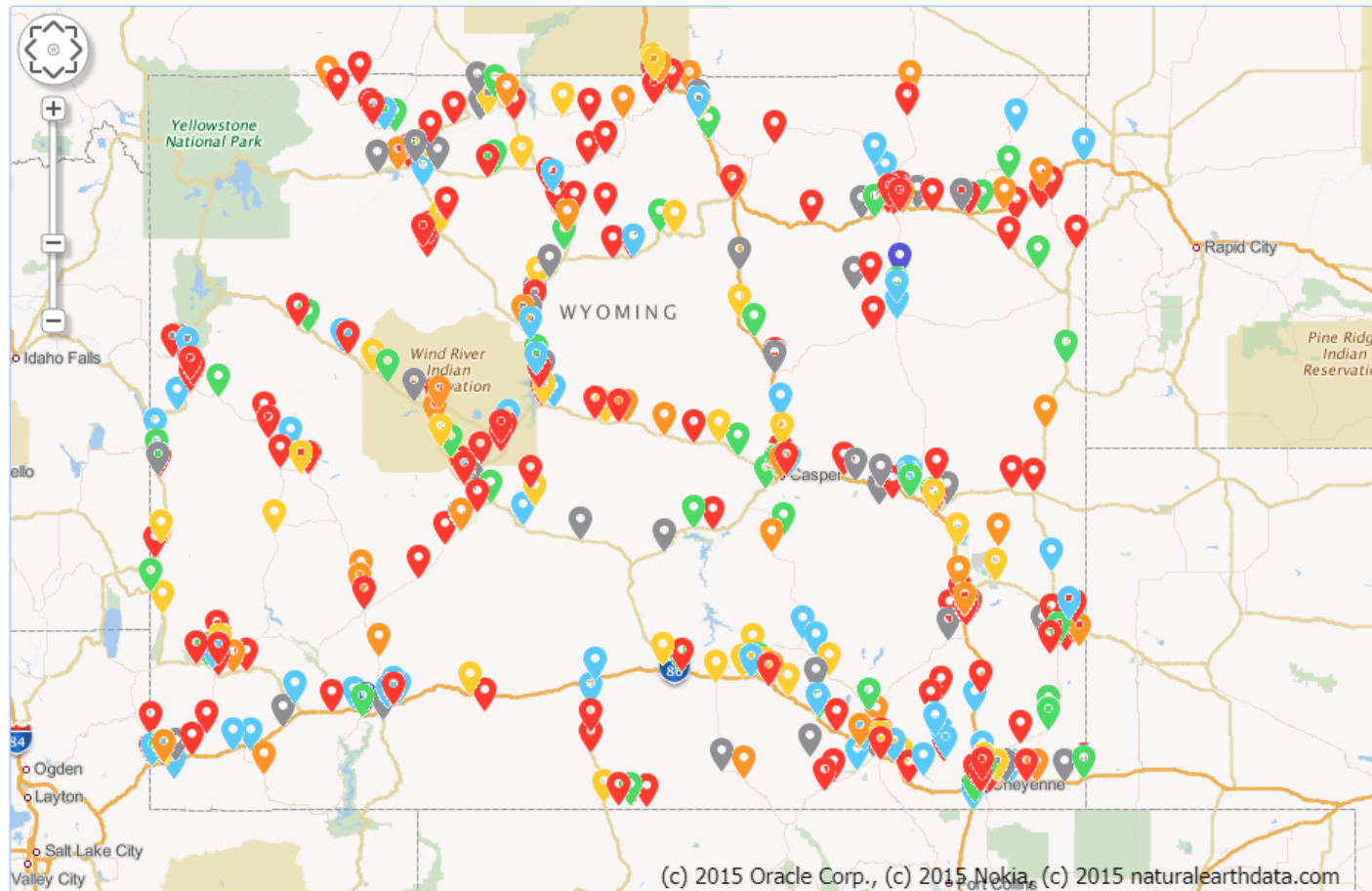
# State Transportation Improvement Program (STIP)

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

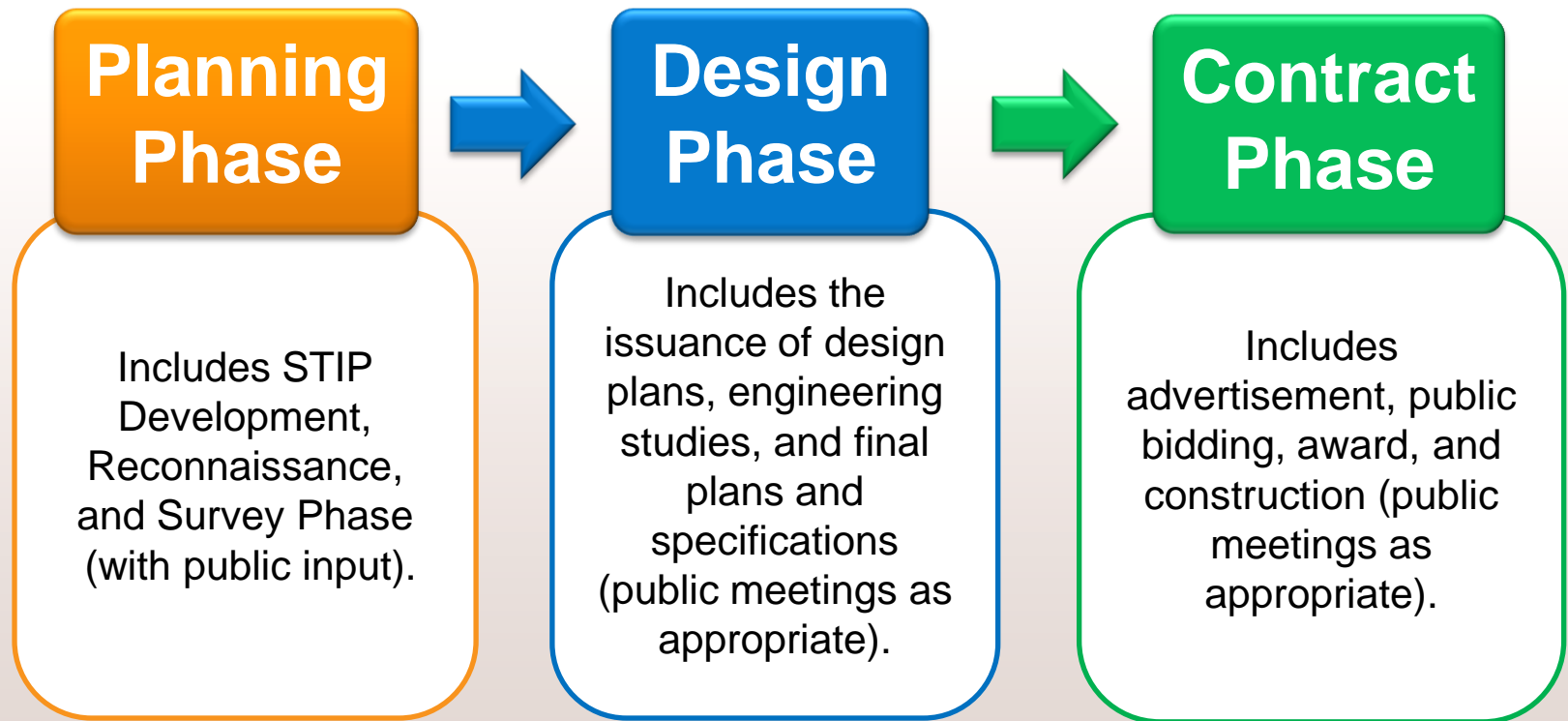
- 2019
- 2020
- 2021
- 2022
- 2023
- 2024
- 2025

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



# State Transportation Improvement Program (STIP)

## Highway Project Process

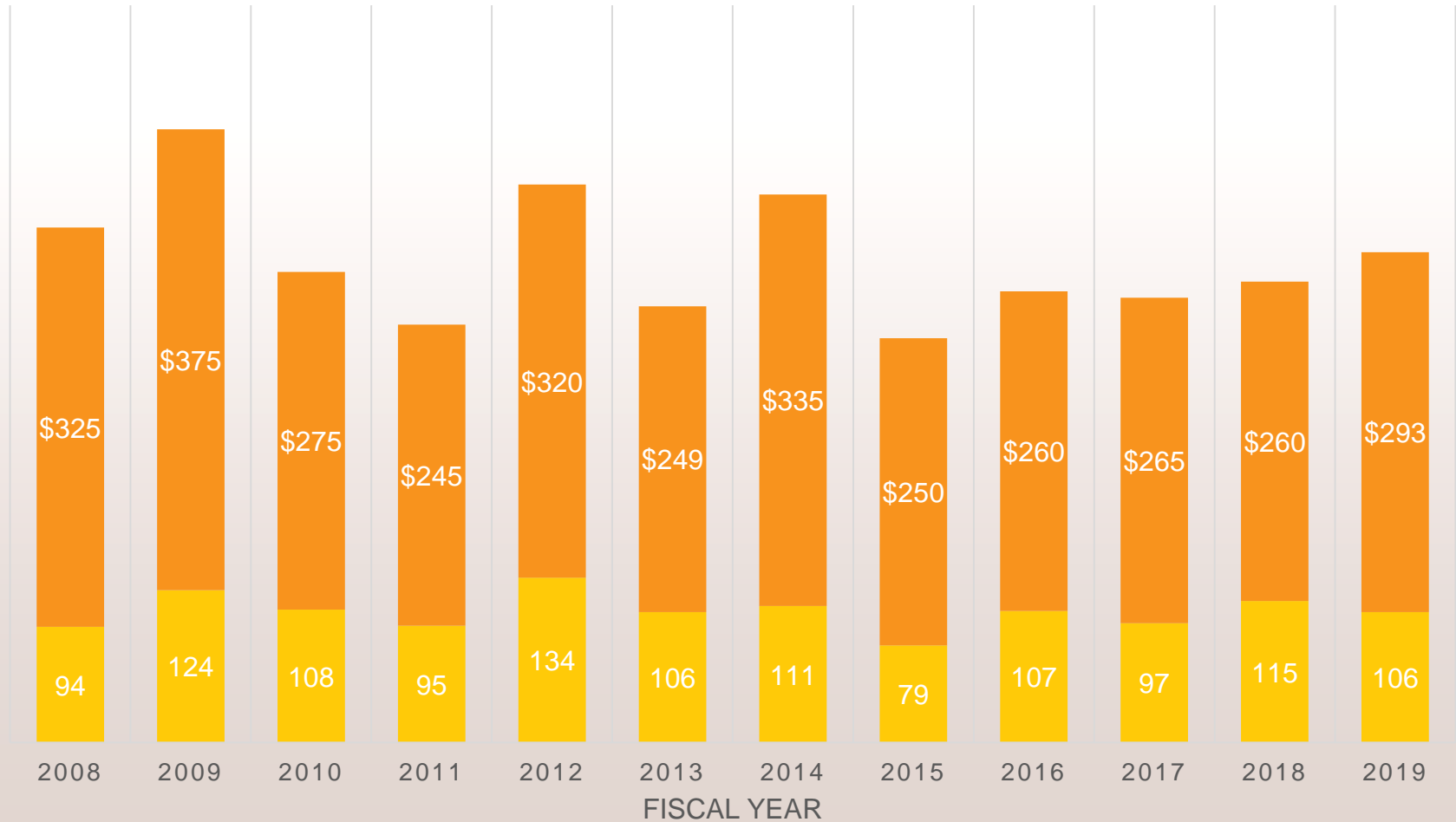


# State Transportation Improvement Program (STIP)

## Number of Projects Let & Cost Per Fiscal Year



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



# State Transportation Improvement Program (STIP)



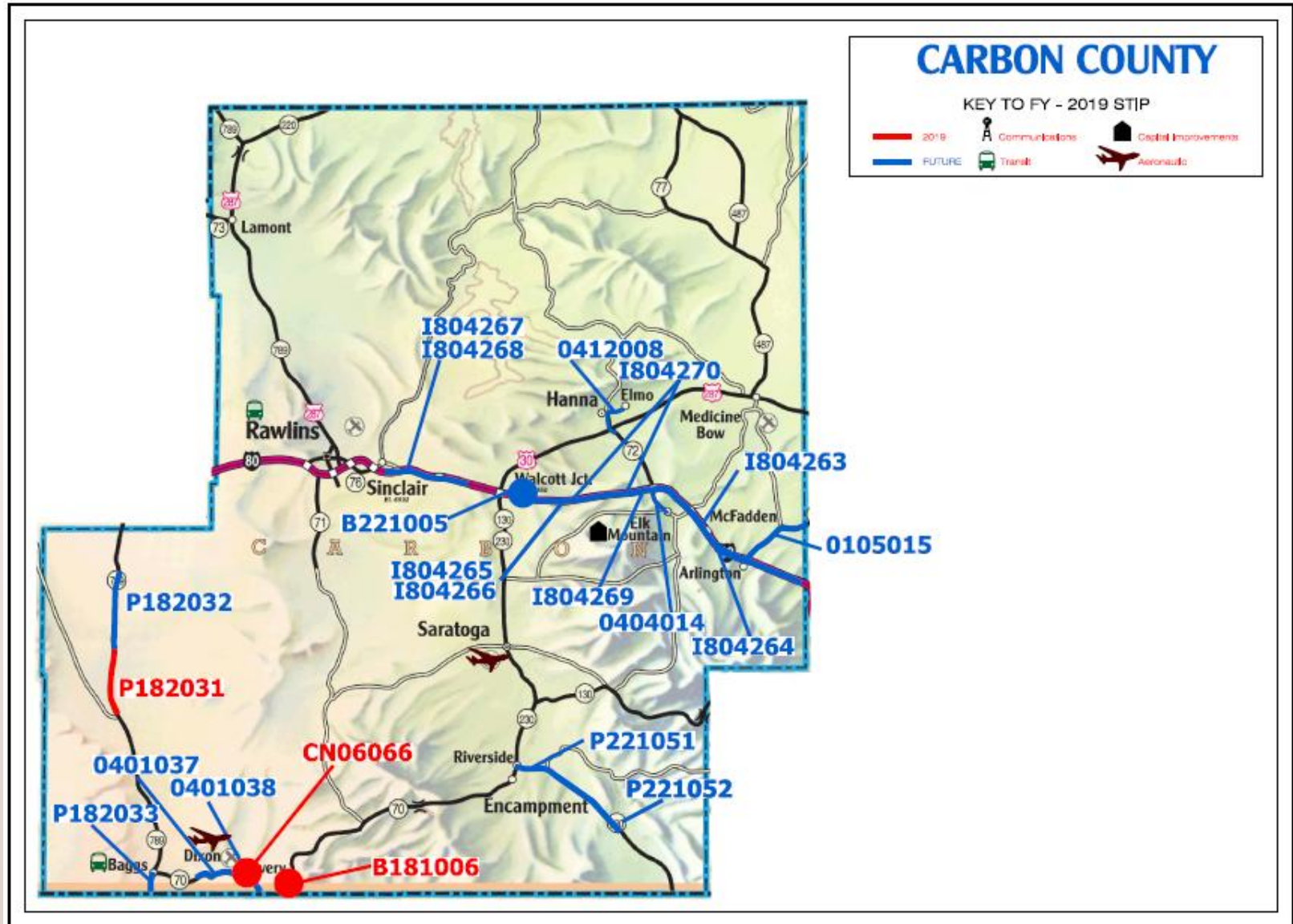
## What's in the document?

- 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 CONSTRUCTION

#### Carbon County

##### Transportation Projects

Fiscal Year: 2019

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	STP-GM	B181006	TRANSPORTATION DISTRICT 1	VARIOUS LOCATIONS	401	17.90	17.90	0.00	FENCING	437	46	0	483
2	STP-BROS	CN06066	CARBON COUNTY	COUNTY ROAD/SAVERY CREEK ROAD; STRUCTURE FRR CN6-561S	5498	0.40	0.40	0.00	BRIDGE REPLACEMENT	524	0	55	579
2	SCP-TC	P182031	CRESTON JUNCTION TO BAGGS	MUDDY CREEK SOUTH/WY 789 STRUCTURE NO. CLO, CLM	18	20.59	30.41	9.82	PAVEMENT REHABILITATION	0	3,850	0	3,850
FY TOTAL:										9.82	\$961	\$3,896	\$55 \$4,912

##### Capital Improvement Projects

Fiscal Year: 2019

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	CIP	PEB2020	ELK MOUNTAIN	* BUILDING 7221: ELK MOUNTAIN MECHANIC'S GARAGE	404	15.20	15.20	0.00	STRUCTURAL FIRE BARRIER	0	20	0	20
2	CIP	PEB2021	ELK MOUNTAIN	* BUILDING 6137: ELK MOUNTAIN MAINTENANCE SHOP	404	15.20	15.20	0.00	HVAC UPGRADE	0	200	0	200
FY TOTAL:										\$0	\$220	\$0	\$220



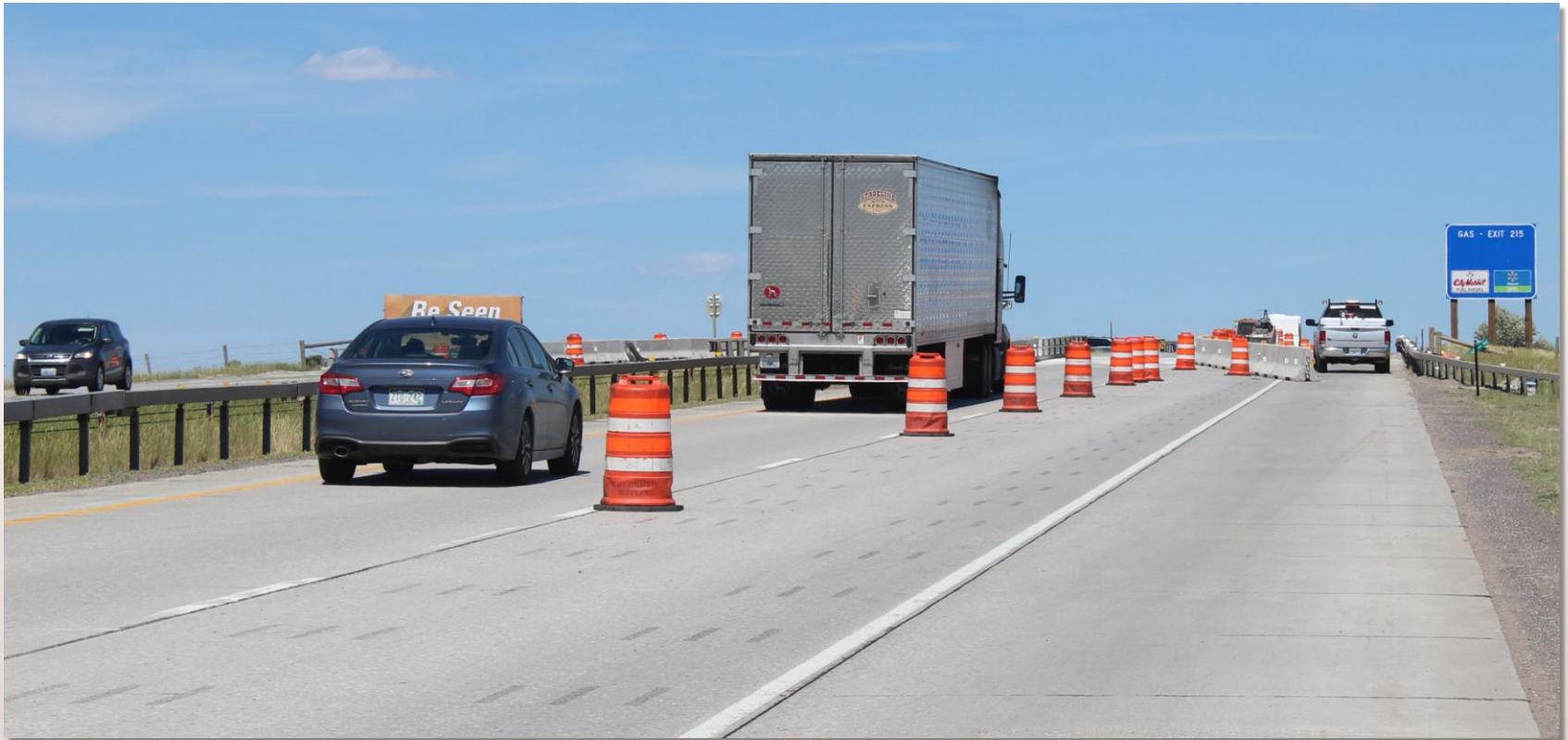
# **District 1 STIP 2019-2025**



# 2019

# Emerging Projects FY 2019

I-80 in Rawlins (MP 210-216) - Slab Repair/Grind/Seal: \$4.5 million



# Emerging Projects FY 2019

**Savery Creek Road - Bridge Replacement: \$579,000**





# Emerging Projects FY 2019

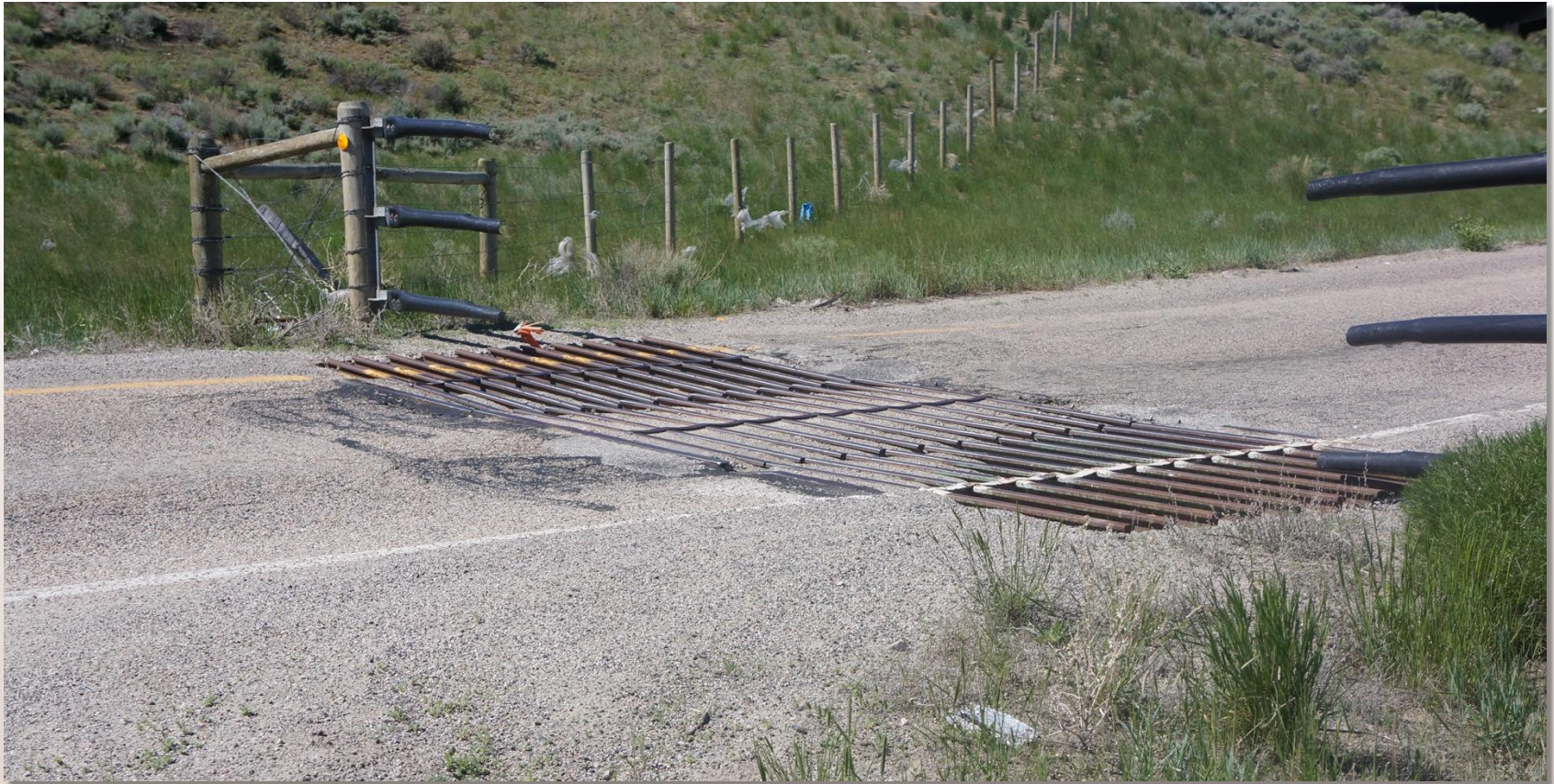
WYO 789 south of Creston Jct. (MP 20-30) - Mill/Overlay/Seal Coat: \$4 million





# Emerging Projects FY 2019

**Cattle Guard Replacement – six on WYO 70 (MP 18-28):\$544,000**





# Emerging Projects FY 2019

WYO 70 near Dixon (MP 6-11) - Mill/Overlay/Seal Coat: \$2.1 million



# Emerging Projects FY 2019

Dust suppression: \$150,000



# Current Projects FY 2019

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



Locations in Carbon County included:

- CIG Rd. – Sinclair, MM 0.00-1.47
- U.S. 287 Bypass – Rawlins, MM 0.77-2.38





# Current Projects FY 2019

**Patching - Locations around District 1: \$1.6 million**



Locations in Carbon County include WYO 487  
in Medicine Bow from MM 0-4.5

# Current Projects FY 2019

**Crack Seal – Locations across District 1: \$500,000**





# 2020

# Emerging Projects FY 2020

**WYO 789 south of Creston Jct. (MP 10-21) - Mill/Overlay/Seal Coat: \$3.5 million**



# 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 Elk Mountain (MP 252-258) - Mill/Overlay Seal Coat: \$9 million**



# Emerging Projects FY 2021

I-80 east of Sinclair (MP 221-227) - Mill/Overlay Seal Coat: \$9.2 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

WYO 789 south of Creston Jct. (MP 0-10) - Mill/Overlay Seal Coat: \$6.1 million





# Emerging Projects FY 2022

I-80 near Halleck Ridge (MP 245-252) - Mill/Overlay Seal Coat: \$10 million



# Emerging Projects FY 2022

I-80 near Arlington (MP 267-275) - Mill/Overlay/Seal Coat: \$10 million



# 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 72 between I-80 and Elk Mountain (MP 12-16) - Mill/Overlay/Seal Coat: \$2.8 million



# Emerging Projects FY 2023

**WYO 72, Hanna to Elmo (MP 0-3) - Mill/Overlay/Seal Coat: \$1.3 million**





# Emerging Projects FY 2023

WYO 789 in Baggs (MP 50-53) - Mill/Overlay/Seal Coat: \$2.3 million



# Emerging Projects FY 2023

**WYO 70 near Savery (MP 11-17) - Mill/Overlay/Seal Coat: \$2.9 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 230 near Riverside (MP 100-110) - Mill/Overlay Seal Coat: \$4.7 million



# Emerging Projects FY 2024

I-80 between Elk Mountain and Wagonhound (MP 258-267) - Mill/Overlay/Seal Coat: \$11.8 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

**WYO 13 between Rock River and McFadden (MP 8-17) - Overlay/Seal Coat: \$1.9 million**



# Emerging Projects FY 2025

## District-wide Projects



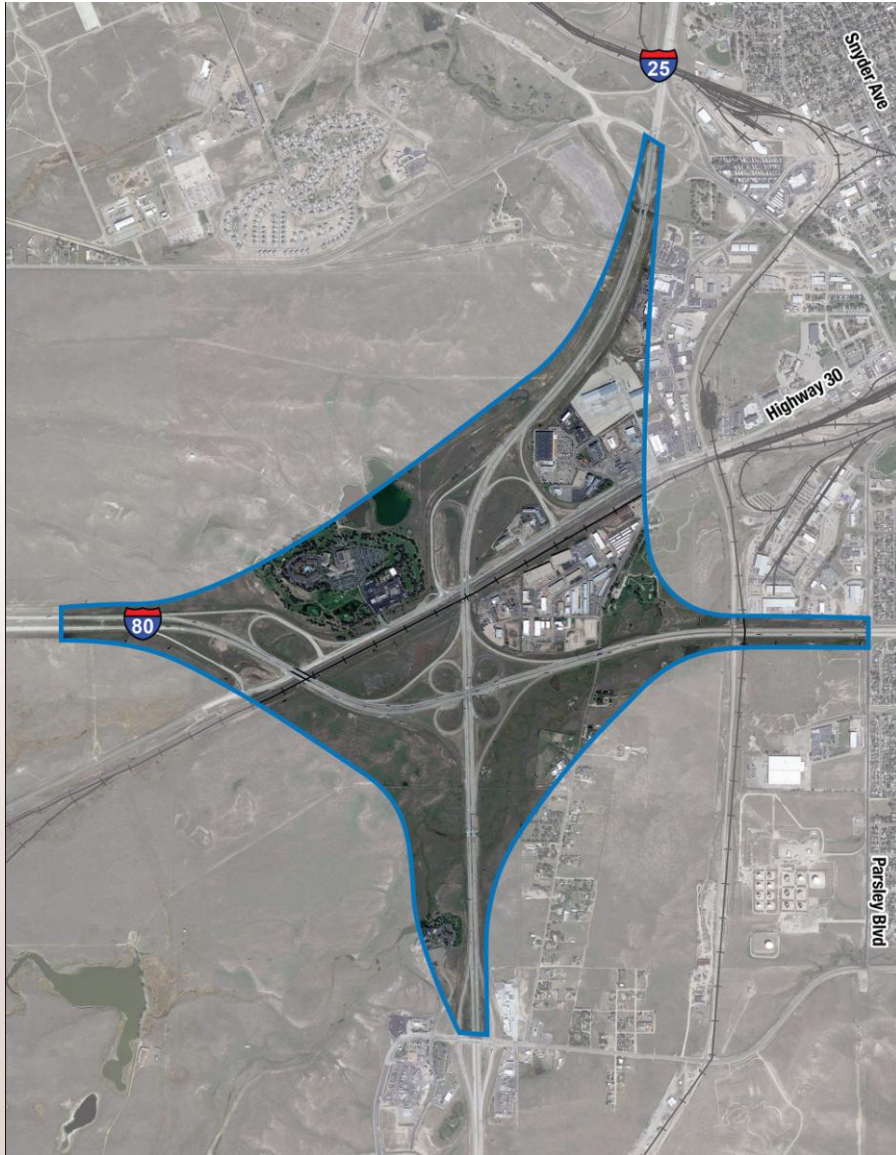
### Locations to be determined across District 1:

- 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](http://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**

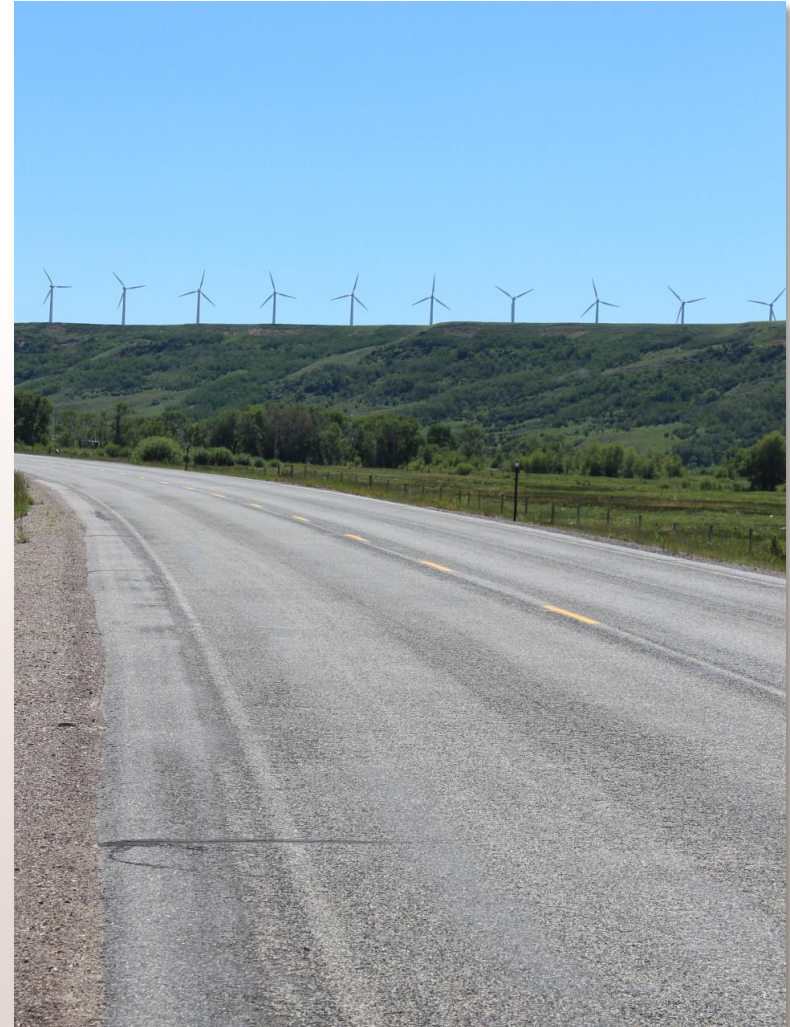
- The future I-25/I-80 interchange project will accommodate growth for years to come
- WYDOT continues to monitor development across the state for effects of population and economic growth, ranging from residential construction to wind power development in Albany and Carbon counties.
- The U.S. 30 project 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



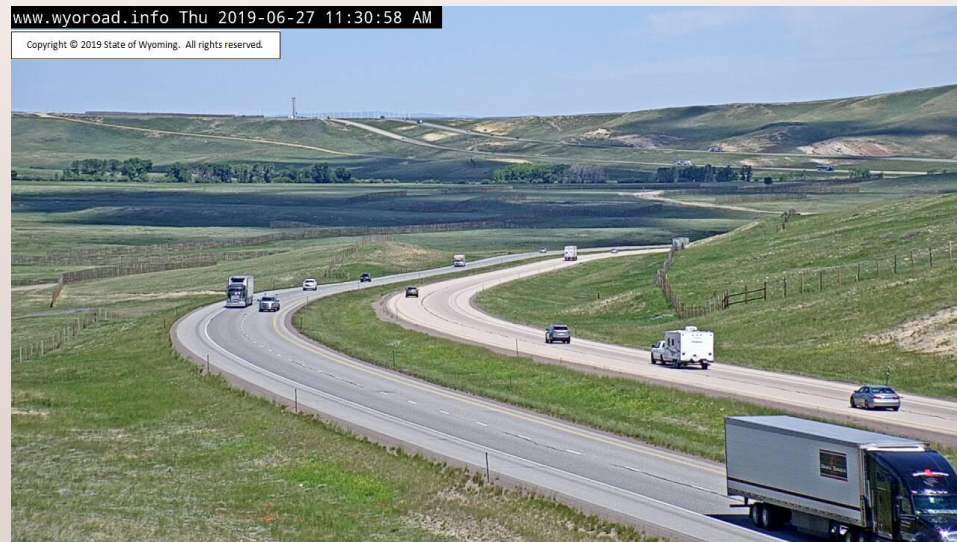
**Three new webcams have been installed in SE Wyoming**



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



**Tom DeHoff**, *District Engineer*

(307) 745-2100 | [Tom.DeHoff@wyo.gov](mailto:Tom.DeHoff@wyo.gov)

**Shelby Carlson**, *Chief Engineer*

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**Mark Gillett**, *Assistant Chief Engineer - Operations*

(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)

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

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

# Thanks



*Thank you for your time.*

*Let us know how we can help.*

*Any questions?*