



Laramie County

State Transportation
Improvement Program





District 1 Contacts

Tom DeHoff
District Engineer



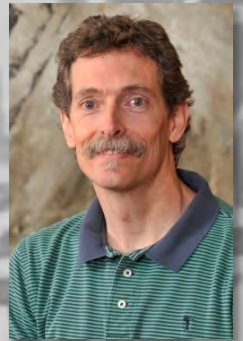
Tim McGary
District
Maintenance
Engineer



Ralph Tarango
District
Construction
Engineer



Randy Griesbach
District Traffic
Engineer





Our Goals Today

Transportation Information Exchange

WYDOT will share its plans for the coming seven years, including the continuing migration from a transportation improvement program to an asset preservation program. In turn, local public and private partners will share their upcoming project plans with WYDOT.





Fixing America's Surface Transportation Act

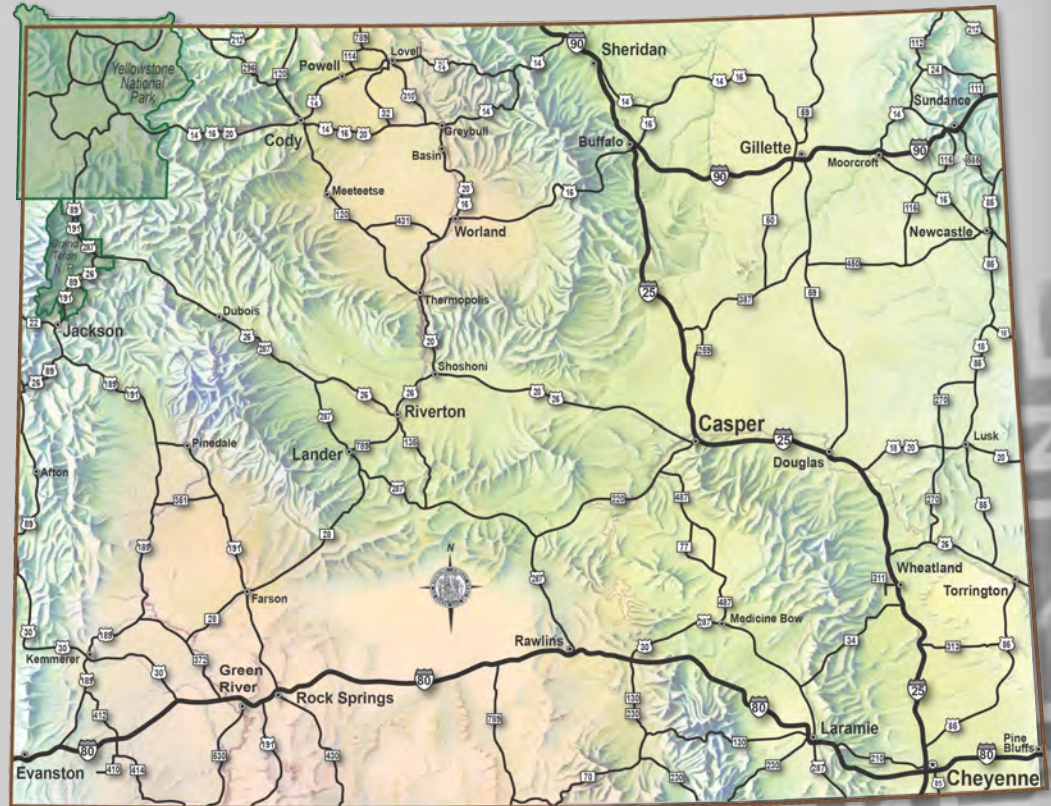
- First federal law in more than a decade that provides long-term funding certainty.
- Bill includes \$225.2 billion from the Highway Trust Fund for highway investment.
 - About a \$20.2 billion increase over five years compared to maintaining fiscal year 2015 funding.
 - About \$207.4 billion out of \$225.2 billion will be apportioned among the states by formula.





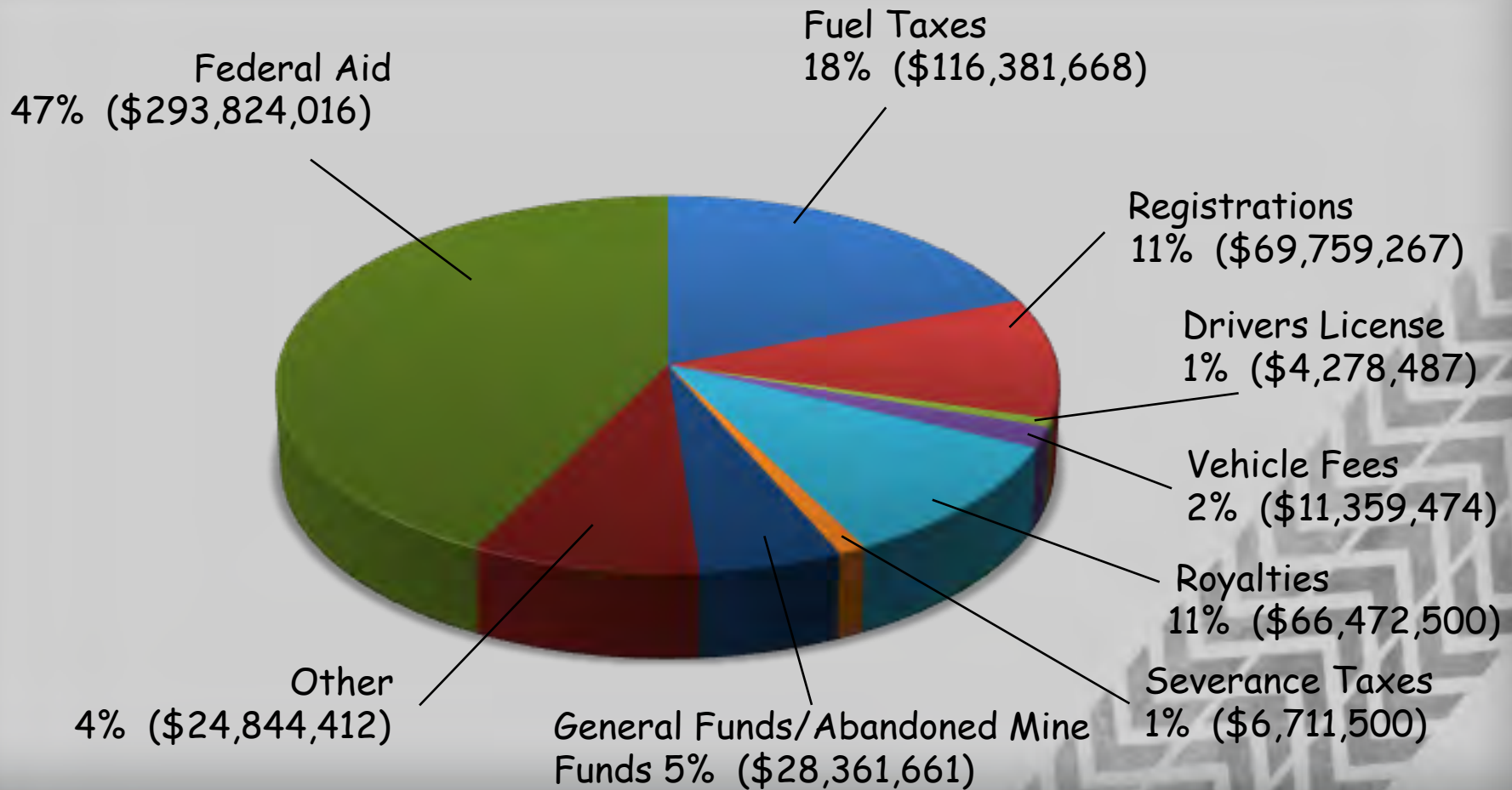
Fixing America's Surface Transportation Act

- Wyoming and other states are expected to get a 5.1 percent increase in formula funds in FY 2016.
- Over the course of the FAST Act, states will then receive between a 2.1 percent to 2.4 percent increase.





Projected Revenue Outlook





2016 Construction Funding Statewide

\$285.4 million

WYDOT intends to let this amount in new construction projects in 2016.

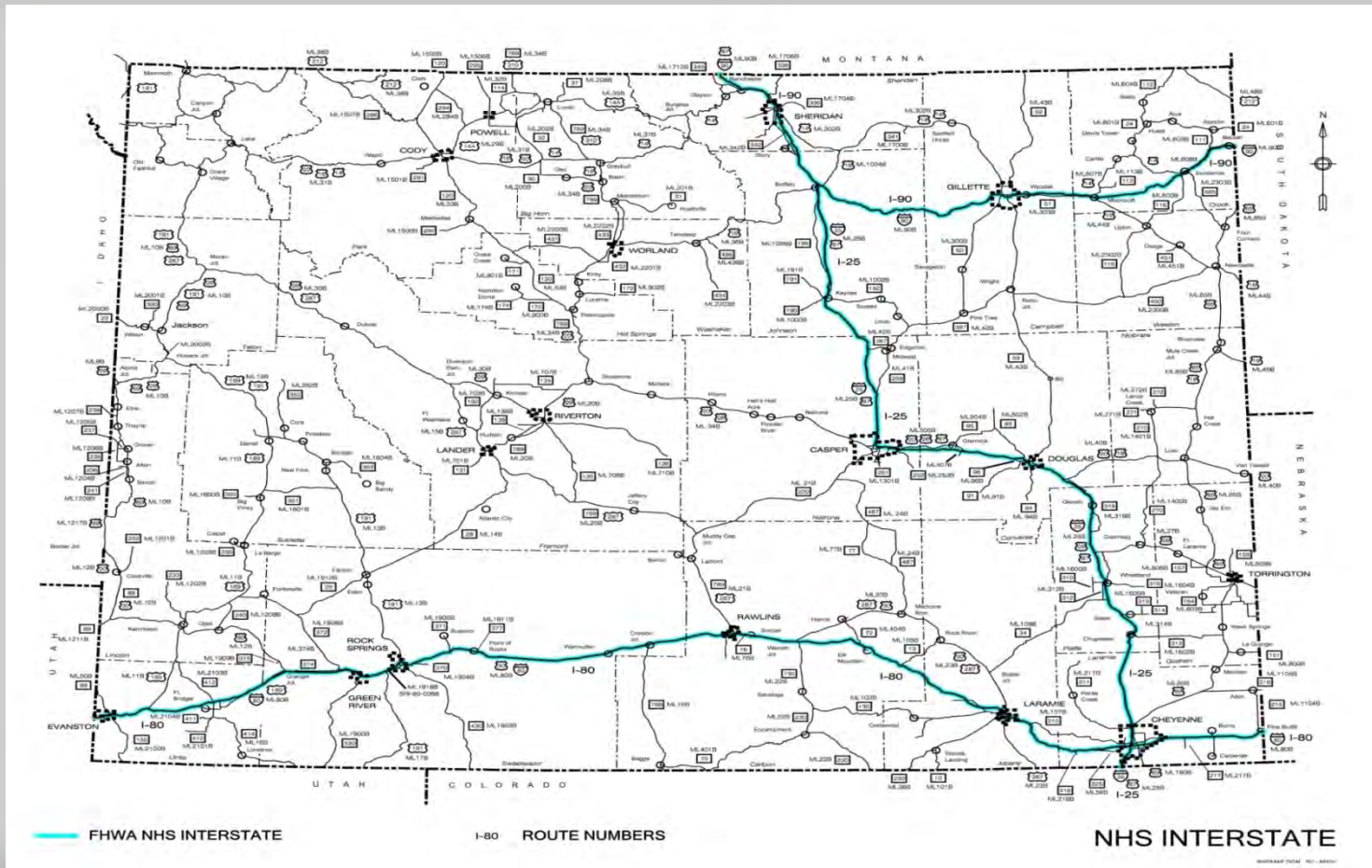
Out of that total:

- **\$136.9** million of those projects will be Interstate projects.
- **\$56.6** million will be NHS-non interstate projects
- **\$91.9** million will be non-NHS projects



Interstate Construction Funding Breakdown: Statewide

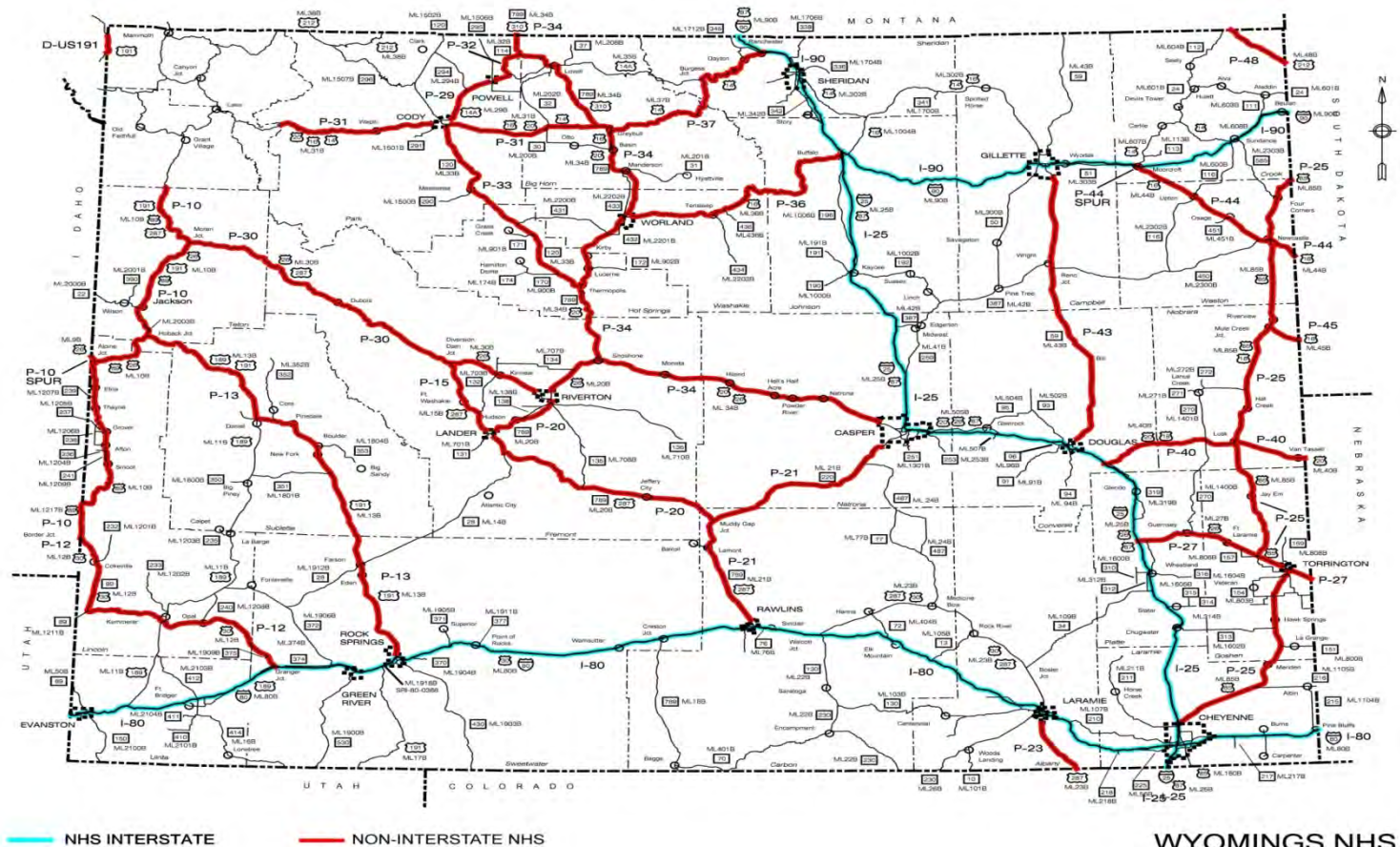
914 miles gets \$136.9 million





Interstate and NHS Construction Funding Breakdown: Statewide

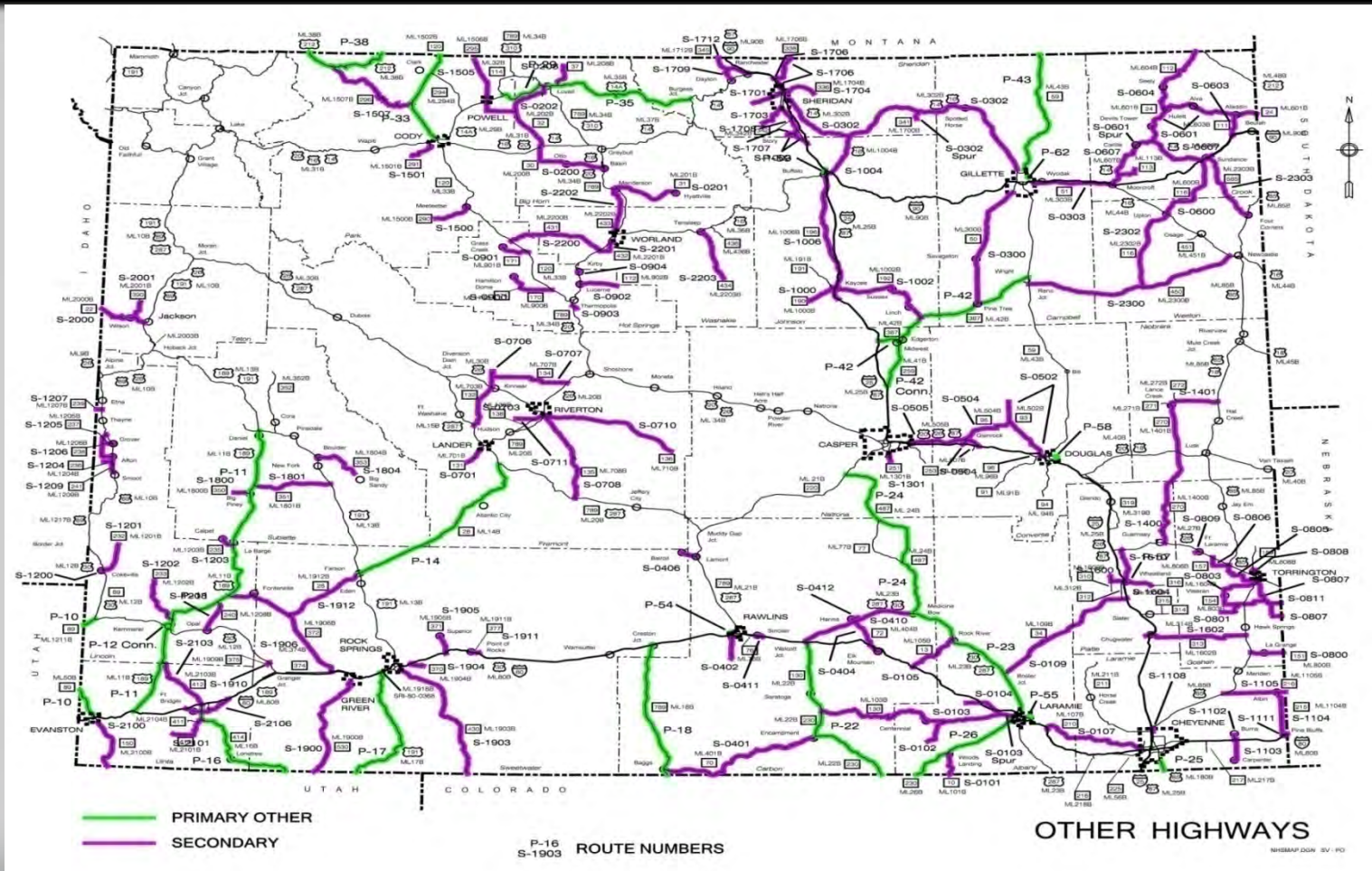
2,042 miles gets \$56.6 million





Non-Interstate and Non-NHS Construction Funding Breakdown: Statewide

4,721 miles gets \$91.9 million



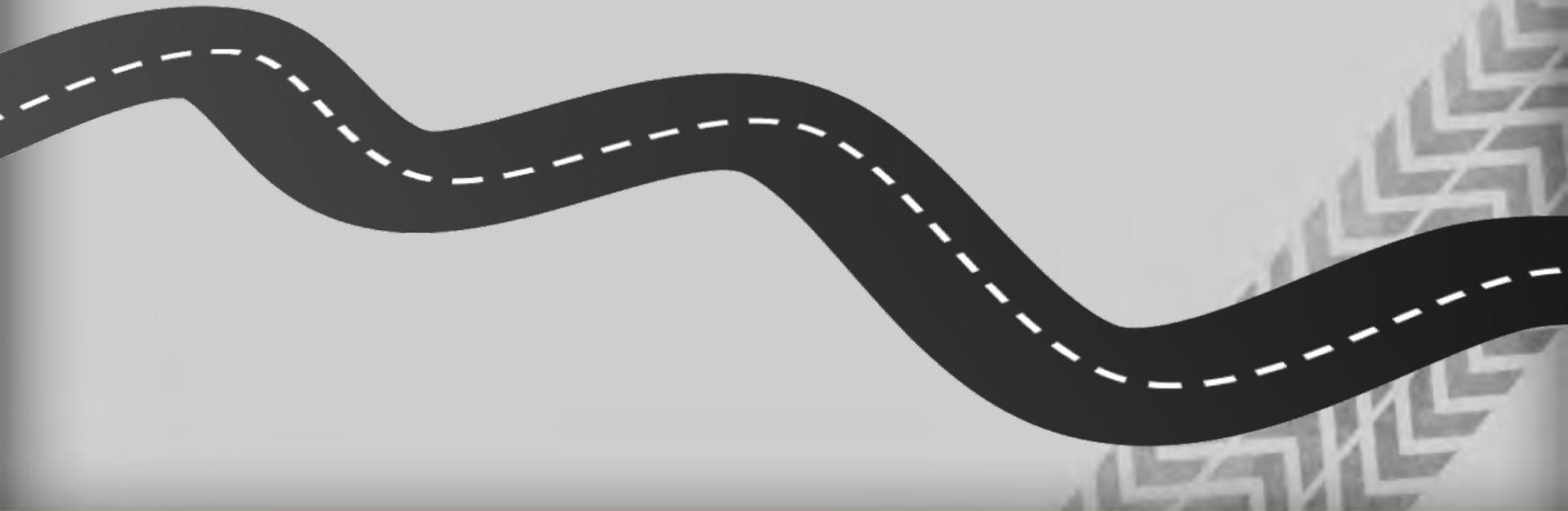


The STIP: A Contemporary Approach

Impact of Funding Restraints Statewide

WYDOT continues movement from a **transportation improvement program** to an **asset preservation program**.

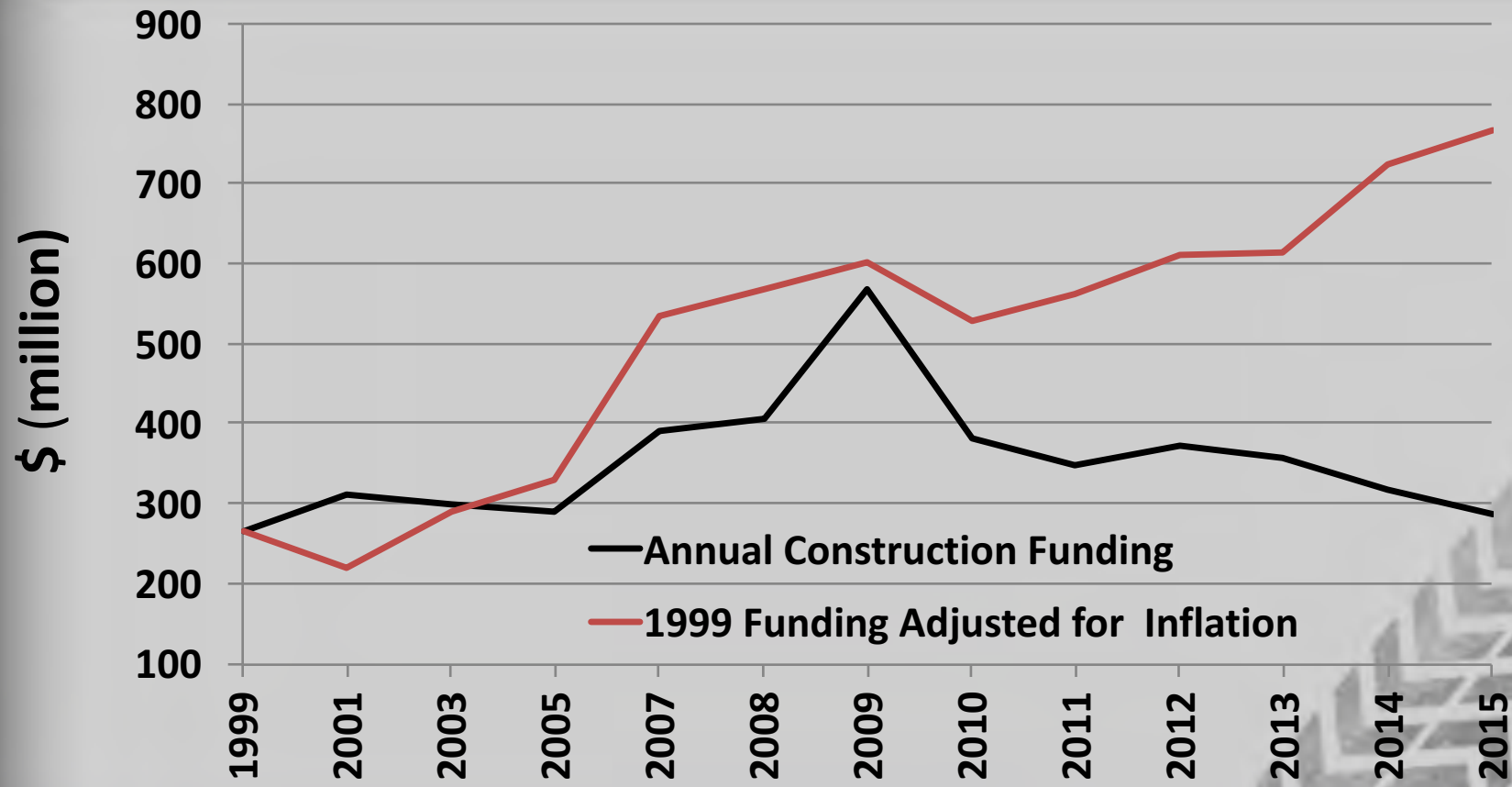
Over the next 20 years this strategy should reduce the decline in the state's overall road condition but the roads will worsen.





Funding vs. Inflation

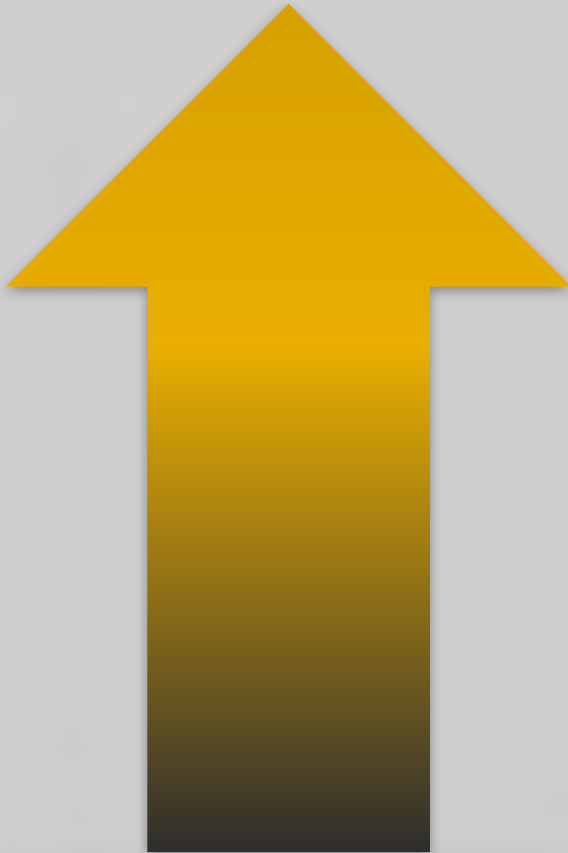
The Purchasing Power of Construction Dollars





Funding vs. Inflation

The Purchasing Power of Construction Dollars



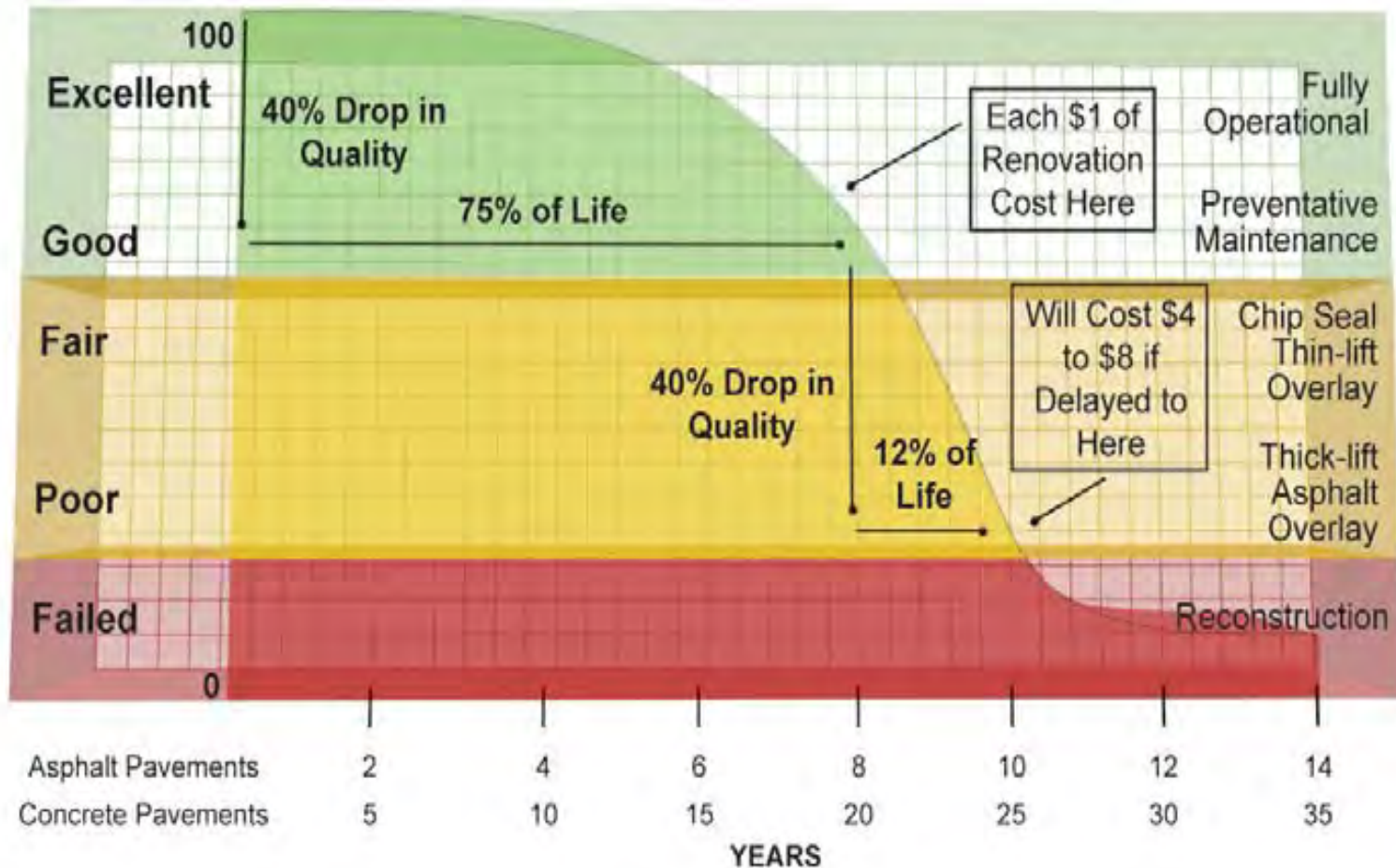
Construction funding would have to increase by **\$482 million** for WYDOT to do the same amount of work on the highway system it did in 1999.

Construction funding would have to increase **\$64 million** each year for WYDOT to maintain the highway system in its current condition.



Road Deterioration vs. Time

Statewide





Construction Costs

Measured per center line mile, not including structure repair cost

- Preventative Rehab - \$0.15 - \$0.45 million
- Thin overlay - \$0.25 - \$0.80 million
- Thick Overlay/Resurface - \$0.56 - \$2.20 million
- Asphalt Reconstruction - \$1.80 - \$5.50 million
- Concrete Reconstruction - \$5.40 - \$7.40 million



Pavement Preservation: Modern Approach

Impact of funding restraints

Pavement preservation projects address only roughness, rutting, cracking, and/or friction problems.



roughness



rutting



cracking



friction

* Pavement preservation projects are *not* intended to widen, straighten or reconstruct.



Emerging Projects: Laramie County

33 projects are planned in the upcoming seven years???

Resident Engineers



Tim Morton



Wayne Shenefelt

Area Maintenance Supervisors



Don Bridges



Tony Avila



Brand Fogg



Kraig Crawford



Emerging Projects FY 2016

Shur-Tite Delineation – Various Locations: \$230,000





Emerging Projects FY 2016

Contract Patching – Various Locations: \$1.2 million





Emerging Projects FY 2016

Slab Repair – Various Locations: \$561,000





Emerging Projects FY 2016

Bridge Rehabilitation – Various Locations: \$1.5 million





Emerging Projects FY 2016

Traffic Signal Work – Various Locations: \$1 million





Emerging Projects FY 2016

Cheyenne to Chugwater (I-25 MP, 16.64-24.20): \$7.6 million





Emerging Projects FY 2016

Pine Bluffs Marginal (I-80, MP 400-402) - Mill, Overlay, Replace Bridges:
\$8.9 million





Emerging Projects FY 2016

Laramie to Cheyenne (I-80, MP 336-341) - Mill, Overlay, Seal Coat: \$8.8 million





Emerging Projects FY 2016

Cheyenne to Torrington (US 85, MP 27-35) - Mill, Overlay, Seal Coat: \$3.3 million





Emerging Projects FY 2016

West Allison Road – Reconstruction: \$2.1 million





Emerging Projects FY 2016

West Allison Road – Sanitary Sewer/Water Systems: \$500,000





Emerging Projects FY 2016

West Lincolnway Enhancements: \$400,000





Emerging Projects FY 2017

Contract Patching – Various Locations: \$750,000





Emerging Projects FY 2017

Driver Services Lot Contract Patching: \$190,000





Emerging Projects FY 2017

Slab Repair – Various Locations: \$1 million





Emerging Projects FY 2017

Bridge Rehabilitation (I-80, MP 359): \$2 million





Emerging Projects FY 2017

Prairie Avenue/Frontier Mall – Roundabout: \$1.8 million





Emerging Projects FY 2017

Cheyenne (South Greeley Highway) – Left Turn Signal, Striping: \$130,000





Emerging Projects FY 2018

Cheyenne to Pine Bluffs Interchange (I-80 EBL, MP 362-372) – Mill, Overlay, Seal Coat: \$7.3 million





Emerging Projects FY 2018

Laramie to Cheyenne (I-80, MP 341-348) – Mill, Overlay, Seal Coat: \$10 million





Emerging Projects FY 2019

Cheyenne/Horse Creek Road (WYO 211, MP 8.3-17) – Mill, Overlay:
\$2.3 million





Emerging Projects FY 2019

Cheyenne to Pine Bluffs Interchange (I-80 WBL, MP 362-372)
Mill, Overlay, Seal Coat: \$8 million





Emerging Projects FY 2019

Cheyenne to Torrington/Gun Barrel (US 85, MP 35-47)
Mill, Overlay, Seal Coat: \$5.8 million





Emerging Projects FY 2019

Cheyenne/Division Ave/Wallick Road – Reconstruction: \$4.5 million





Emerging Projects FY 2020

Cheyenne to Pine Bluffs/Archer-Burns Interchange (I-80, MP 372-382) Level, Overlay, Seal Coat, Replace Two Structures: \$11.3 million





Emerging Projects FY 2020

Cheyenne to Torrington/Gun Barrel North (US 85, MP 47-52)
Mill, Overlay, Seal Coat: \$2.6 million





Emerging Projects FY 2020

Cheyenne to Torrington/Meriden (US 85, MP 52-56)
Mill, Overlay, Seal Coat: \$2.6 million





Emerging Projects FY 2020

Cheyenne/Terry Ranch Road (WYO 223, MP 0-5.7)

Overlay, Seal Coat: \$1.7 million





Emerging Projects FY 2021

Pine Bluffs to Albin (WYO 215, MP 0.9 & 1.7)
Bridge Replacement: \$2 million





Emerging Projects FY 2021

Cheyenne/Warren Ave (Lincolnway – 24th St.)
Mill, Overlay, Seat Coat, ADA, Traffic Signals: \$1.5 million





Emerging Projects FY 2021

Cheyenne to Chugwater/Randall Ave – Horse Creek Interchange (I-25, MP 11.5-17)
Slab Repair, Grind, Seal Coat: \$3 million





Emerging Projects FY 2021

Cheyenne to Pine Bluffs/Burns Interchange (I-80, MP 382-393)
Slab Repair, Grind, Seal Coat: \$6.2 million





Emerging Projects FY 2022

Colorado Line to Cheyenne/Palaminio Section (US 85, MP 0 – 5.9) – Mill, Overlay, Seal Coat: \$3.3 million





Emerging Projects FY 2022

Cheyenne to Pine Bluffs/Pine Bluffs West (I-80, MP 393-400) – Level, Mill, Overlay, Seal Coat: \$7.6 million





Emerging Projects FY 2022

Laramie to Cheyenne/Roundtop Interchange – Central Avenue Interchange
(I-80 MP, 357-362) – Slab Repair, Grind & Seal: \$2.5 million



Local Funding Resources Contact

Local Government Coordinator

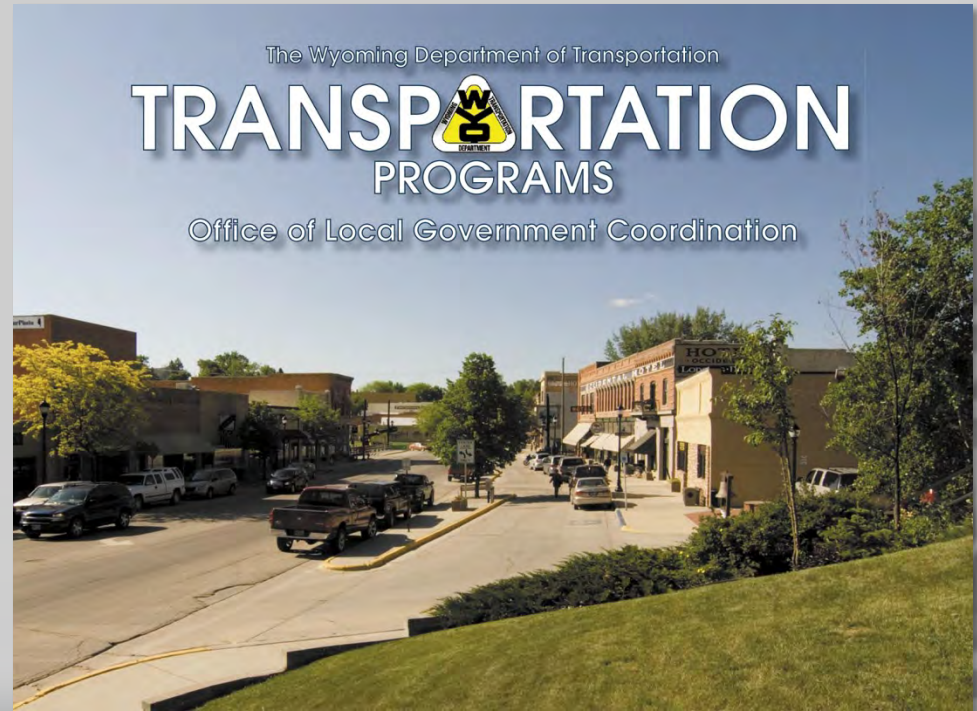
Taylor Rossetti (taylor.rossetti@wyo.gov)

5300 Bishop Blvd.

Cheyenne WY 82009

307-777-4438

www.dot.state.wy.us





Emerging Projects - 2016

- Shur-Tite Delineation – Various Locations: \$230,000
- Contract Patching – Various Locations: \$1.2 million
- Slab Repair – Various Locations: \$561,000
- Bridge Rehabilitation – Various Locations: \$1.5 million
- Traffic Signal Work – Various Locations: \$1 million
- Cheyenne to Chugwater (I-25 MP, 16.64-24.20): \$7.6 million
- Pine Bluffs Marginal (I-80, MP 400-402) - Mill, Overlay, Replace Bridges: \$8.9 million
- Laramie to Cheyenne (I-80, MP 336-341) - Mill, Overlay, Seal Coat: \$8.8 million
- Cheyenne to Torrington (US 85, MP 27-35) - Mill, Overlay, Seal Coat: \$3.3 million
- West Allison Road – Reconstruction: \$2.1 million
- West Allison Road – Sanitary Sewer/Water Systems: \$500,000
- West Lincolnway Enhancements: \$400,000



Emerging Projects - 2017

- Contract Patching – Various Locations: \$750,000
- Driver Services Lot Contract Patching: \$190,000
- Slab Repair – Various Locations: \$1 million
- Bridge Rehabilitation (I-80, MP 359): \$2 million
- Prairie Avenue/Frontier Mall – Roundabout: \$1.8 million
- Cheyenne (South Greeley Highway) – Left Turn Signal, Striping: \$130,000



Emerging Projects - 2018

- Cheyenne to Pine Bluffs Interchange (I-80 EBL, MP 362-372) – Mill, Overlay, Seal Coat: \$7.3 million
- Laramie to Cheyenne (I-80, MP 341-348) – Mill, Overlay, Seal Coat: \$10 million



Emerging Projects - 2019

- Cheyenne/Horse Creek Road (WYO 211, MP 8.3-17) – Mill, Overlay: \$2.3 million
- Cheyenne to Pine Bluffs Interchange (I-80 WBL, MP 362-372) - Mill, Overlay, Seal Coat: \$8 million
- Cheyenne to Torrington/Gun Barrel (US 85, MP 35-47) - Mill, Overlay, Seal Coat: \$5.8 million
- Cheyenne/Division Ave/Wallick Road – Reconstruction: \$4.5 million



Emerging Projects - 2020

- Cheyenne to Pine Bluffs/Archer-Burns Interchange (I-80, MP 372-382) Level, Overlay, Seal Coat, Replace Two Structures: \$11.3 million
- Cheyenne to Torrington/Gun Barrel North (US 85, MP 47-52) - Mill, Overlay, Seal Coat: \$2.6 million
- Cheyenne to Torrington/Meriden (US 85, MP 52-56) - Mill, Overlay, Seal Coat: \$2.6 million
- Cheyenne/Terry Ranch Road (WYO 223, MP 0-5.7) - Overlay, Seal Coat: \$1.7 million



Emerging Projects - 2021

- Pine Bluffs to Albin (WYO 215, MP 0.9 & 1.7) - Bridge Replacement: \$2 million
- Cheyenne/Warren Ave (Lincolnway – 24th St.) - Mill, Overlay, Seat Coat, ADA, Traffic Signals: \$1.5 million
- Cheyenne to Chugwater/Randall Ave – Horse Creek Interchange (I-25, MP 11.5-17) - Slab Repair, Grind, Seal Coat: \$3 million
- Cheyenne to Pine Bluffs/Burns Interchange (I-80, MP 382-393) - Slab Repair, Grind, Seal Coat: \$6.2 million



Emerging Projects - 2022

- Colorado Line to Cheyenne/Palamino Section (US 85, MP 0 – 5.9) – Mill, Overlay, Seal Coat: \$3.3 million
- Cheyenne to Pine Bluffs/Pine Bluffs West (I-80, MP 393-400) – Level, Mill, Overlay, Seal Coat: \$7.6 million
- Laramie to Cheyenne/Roundtop Interchange – Central Avenue Interchange (I-80 MP, 357-362) – Slab Repair, Grind & Seal: \$2.5 million