



WYOMING'S TRANSPORTATION SYSTEM

Supporting the economy and connecting our communities.

STATE TRANSPORTATION IMPROVEMENT PROGRAM 2021-2026

[Peter Hallsten, P.E., District Engineer, Basin](#)

Peter.Hallsten@wyo.gov

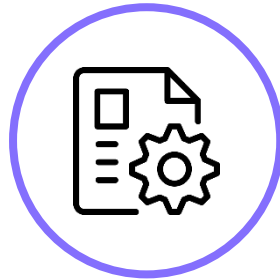
307-568-3400



Purpose



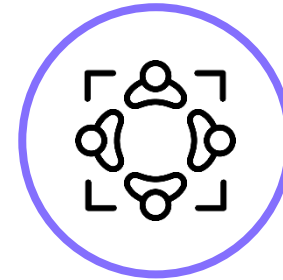
**Need public
input**



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



Overview of WYDOT



**How can we work
together?**



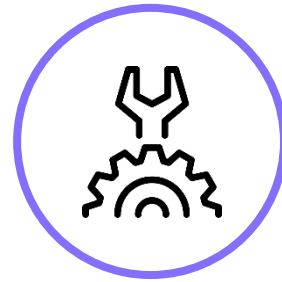
Road Map



**WYDOT
Funding**



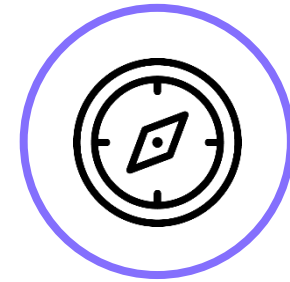
**STIP
Development
and Overview**



**District
Projects**



**Partnership
Opportunities**



Next Steps



Guiding Principles

1. Align expenditures with available revenue amount and source
2. Focus on addressing identified critical life safety issues.
3. Prioritize WYDOT asset preservation based on condition of the asset to meet established goals (as appropriate)
4. Improve operational effectiveness and efficiency
5. Prioritize activities to minimize negative impacts to the public
6. Address mobility and capacity through system improvements and enhancements



Fiscal Year 2020 – Total Funding

\$678,434,243

Fiscal Year 2020 Total Funding

51.49%

Federal Revenue

\$349,327,216

32.59%

**Highway User Fees
(Restricted)**

\$221,095,710

15.92%

**Other State
Revenue**

\$108,011,317



Fiscal Year 2020 – Funding Allocation

Commission

84% - \$569,856,596

Programs

- Construction
- Maintenance
- Equipment
- Facilities
- Traffic
- Financial Services

Legislative

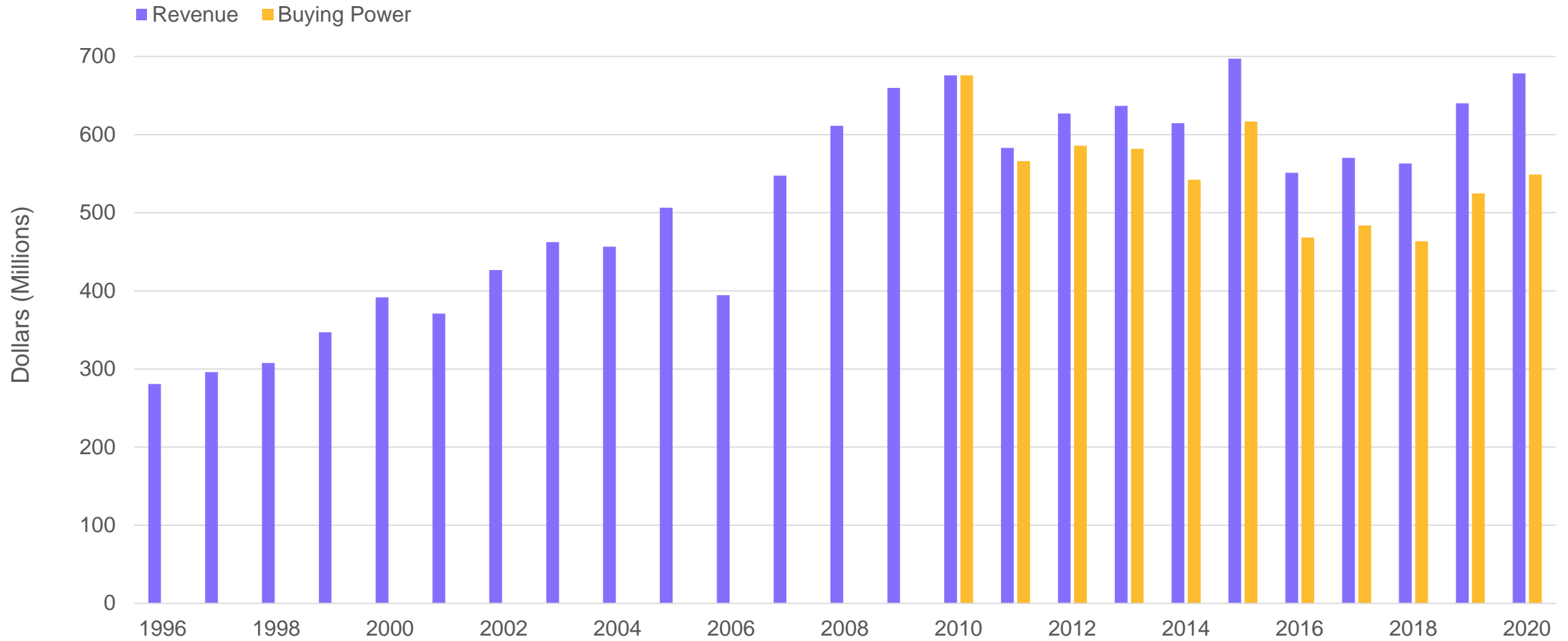
16% - \$108,577,647

Programs

- Patrol
- Aeronautics
- Driver's License
- Motor Vehicles
- Human Resources
- Ports of Entry



WYDOT Revenue & Buying Power





WYDOT Funding Discussion

Ongoing Transportation Needs Study

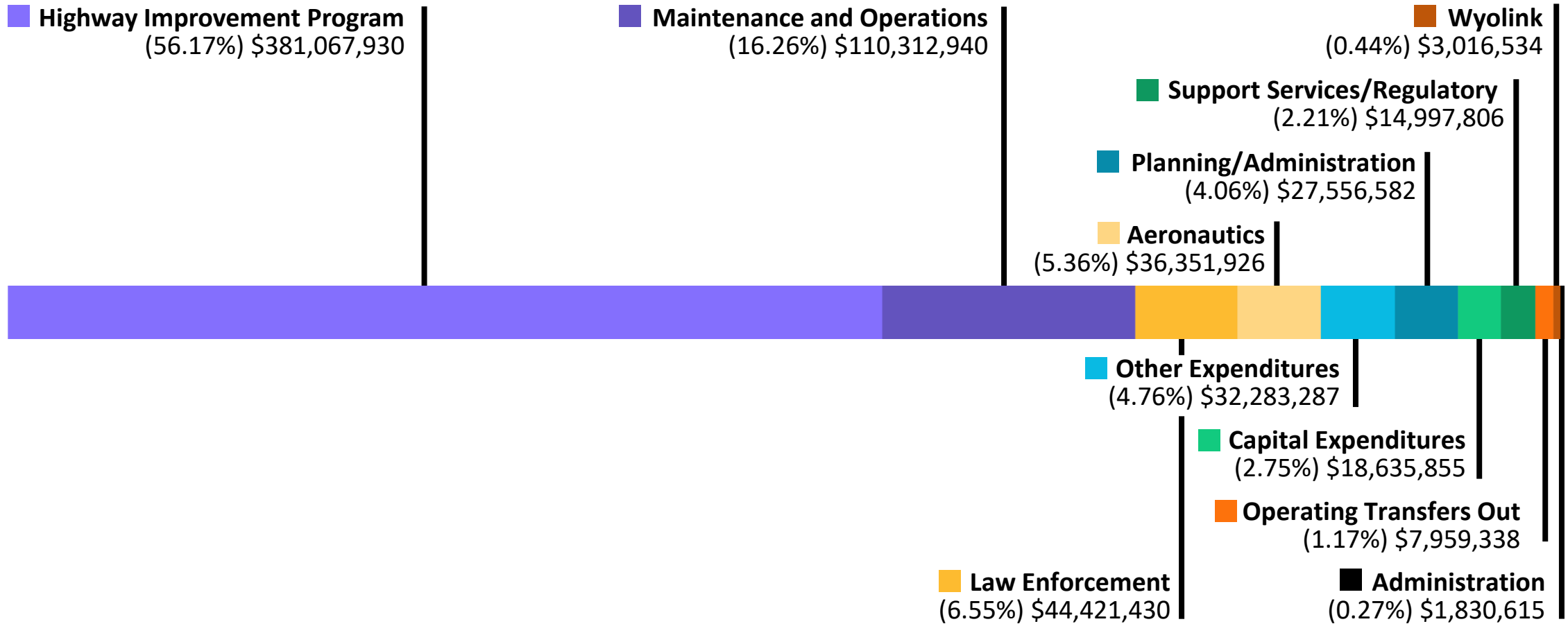
- Determine overall department needs
- Develop priorities
- Trade-off analysis

COVID-19 Pandemic

- Reduced travel - highpoint was an approximate 40% reduction
- Reduced fuel tax income
 - FY 2020 - approximately \$11M
 - FY 2021 - approximately \$23M



FY 2020 Expenditures





2020 Funding Made Available to Cities & Counties

Roadways

- **\$23.3M Total**
 - \$14.9M is option and \$8.4M required
 - \$20.4M federal funds and \$2.9M state funds
- **Includes:** Urban areas, BROS, RR crossings, Enhancements, TAP, CMAQ, CRIP, IRP, Community snow removal, and T² (UW)

Airports

- **\$32.8M Total**
 - \$22.6M federal funds and \$10.2M state funds

Transit - Public Transportation

- **\$14.7M Total**
- \$13.2M federal funds and \$1.5M state funds



WYDOT Unfunded Operating Needs

Operating Need	Annual Cost
Surface Transportation	
Construction	\$69,000,000
Maintenance	\$3,395,000
Revenue Information System (RIS)	
Annual Maintenance	\$6,800,000
Telecommunications	\$650,000
Airport Improvement Program	\$11,962,000
Fleet Equipment	\$16,121,000
Wyolink	\$5,224,000
BUILDINGS (Pending Results Of Third Party Building Assessment)	
Construction	\$19,350,000
Rehabilitation/Remodel	\$2,150,000
Maintenance	\$927,500
Total	\$135.6 M



State Funding Budget Modifications

- Studying: Pool cars, building leases, Ports of Entry (POE), and driver services
- Hiring Timing
- Industrial Road Program (IRP)
- Living Snow Fence
- NHTSA match (externals)
- Travel restrictions
- Custodial service in Cheyenne buildings, including landscaping
- Reduce ride targets and pavement bonus on secondary roads
- WyoLink - towers for non-WYDOT purposes
- Wyoming Cooperative Highway Landscape Grant Application
- Community Snow Removal Payment
- Reduce winter maintenance activities
- Reduce Supplementary Information Signs
- Stop applying for discretionary grants
- Closing Select Rest Areas
- Let seasonal closures open later
- Reduce the number of new highway construction project let to contract
- Reduce regular summer maintenance



Rest Area Closures

<u>Name</u>	<u>Highway</u>	<u>Nearest Town</u>	<u>Nearest Service (Miles)</u>
Lusk	US 18	Lusk	1
Guernsey	US 26	Guernsey	2
Greybull	US 16	Greybull	2
Moorcroft	I-90	Moorcroft	0
Star Valley	US 89	Thayne	3
Ft. Steele	I-80	Sinclair	7
Sundance	I-25	Sundance	0
Upton	US 16	Upton	0
Orin Junction	I-25	Douglas	0
Chugwater	I-25	Chugwater	0



WYDOT Highway Assets

Asset Needs

- 6,806 Miles of Roads
- 5,923 Bridges/Structures
- 42,200 Culverts
- 800 miles of guardrail
- 80,000 signs
- 12,000 miles of fence

Other needs

- Mobility/Capacity
- Safety
- Wildlife
- Active Transportation
- Roadside Features
- ITS

Balancing Our Funds



Delayed Construction Projects

Project Number	Description	Cost	Notes	FY
I806212	I-80 / I-25 Interchange	\$310,000,000	Reconstruction	New
N432057	Wright to Gillette / WY 59	\$20,834,031	Widen to 5-Lanes and overlay	2026
4206001	Laramie Streets - Bill Nye Ave	\$9,045,984	New construction	2022
U212018	Cheyenne / College Drive / S Greeley to Fox Farm	\$18,684,126	Widen to 5-Lanes and overlay	2025
I252171	I-25 / Wheatland to Glendo	\$7,386,482	Reconstruction	2024
P242015	Shirley Rim to Casper / WY 487	\$15,157,455	Reconstruction	2026
N342047	Waltman to Shoshoni / US 20/26	\$7,523,112	Passing Lane	2022
N342048	Shoshoni to Thermopolis / US20 / WY 789	\$3,632,196	Passing Lane	2022
2203018	Tensleep / Big Trails / WY 434	\$1,800,001	2" Overlay and chipseal	2025
1708012	Sheridan / Coffeen Ave	\$18,702,499	Widen to 5-Lanes and overlay	2022



STIP Process Overview

April - May

STIP Inputs

Candidate Projects

June - August

Public Input

September

Transportation Commission

- Transportation Commission
- Aeronautics Commission
- PSC Commission
- Transportation Alternative Program (TAP)
- Citizens
- Public Agencies
- Transportation Agencies
- MPO's
- Tribal Governments
- Federal Agencies
- Bureau of Indian Affairs
- Local Governments

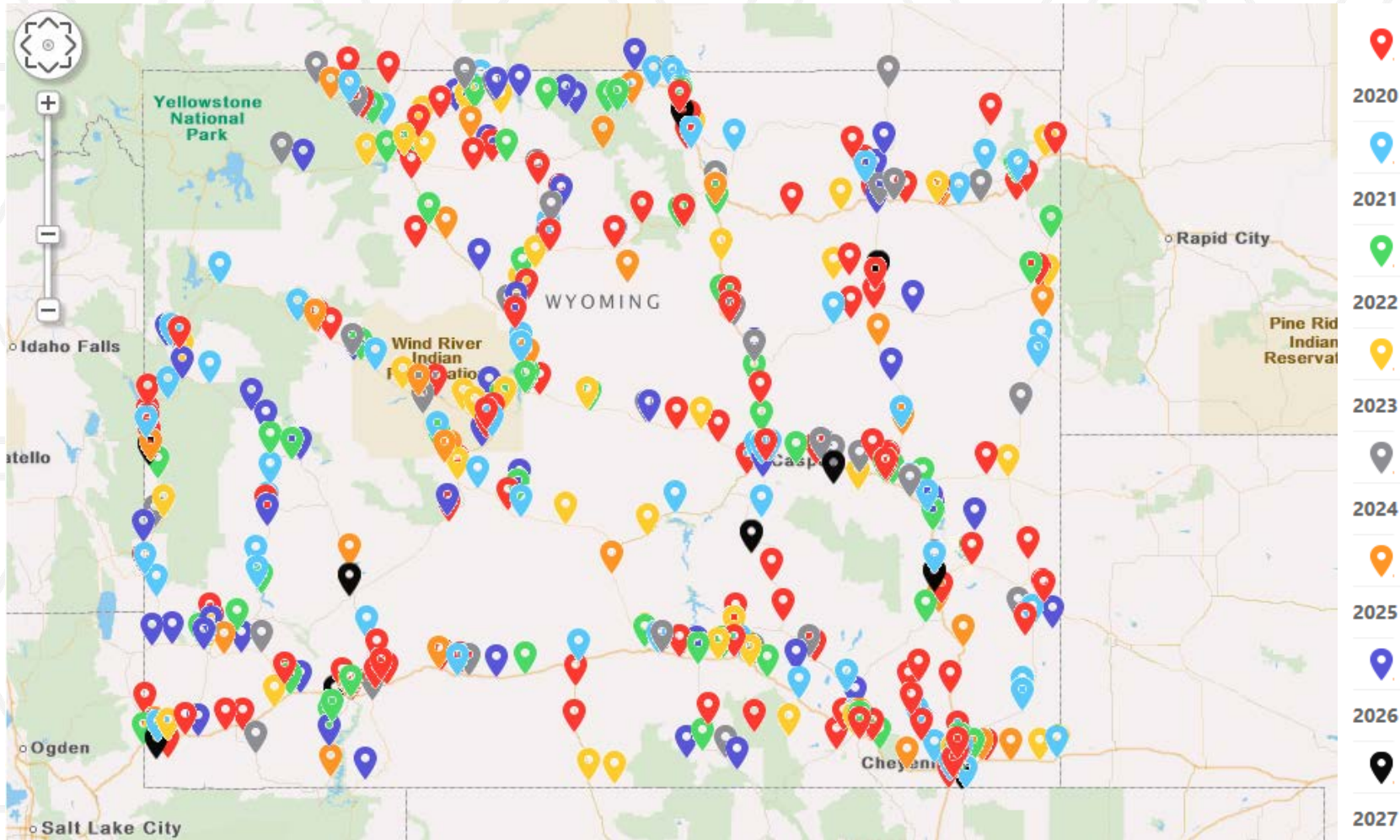
- Approves STIP
- Federal Highway Administration (FHWA) concurs in approval
- Federal Transit Authority concurs in approval

October 1st

Final STIP Published



STIP Project Map





Highway Project Process

Planning Phase

- STIP Development
- Reconnaissance
- Survey Phase
- Public Input

Design Phase

- Issuance of design plans
- Engineering Studies
- Final plans and specifications
- Public Meetings as appropriate

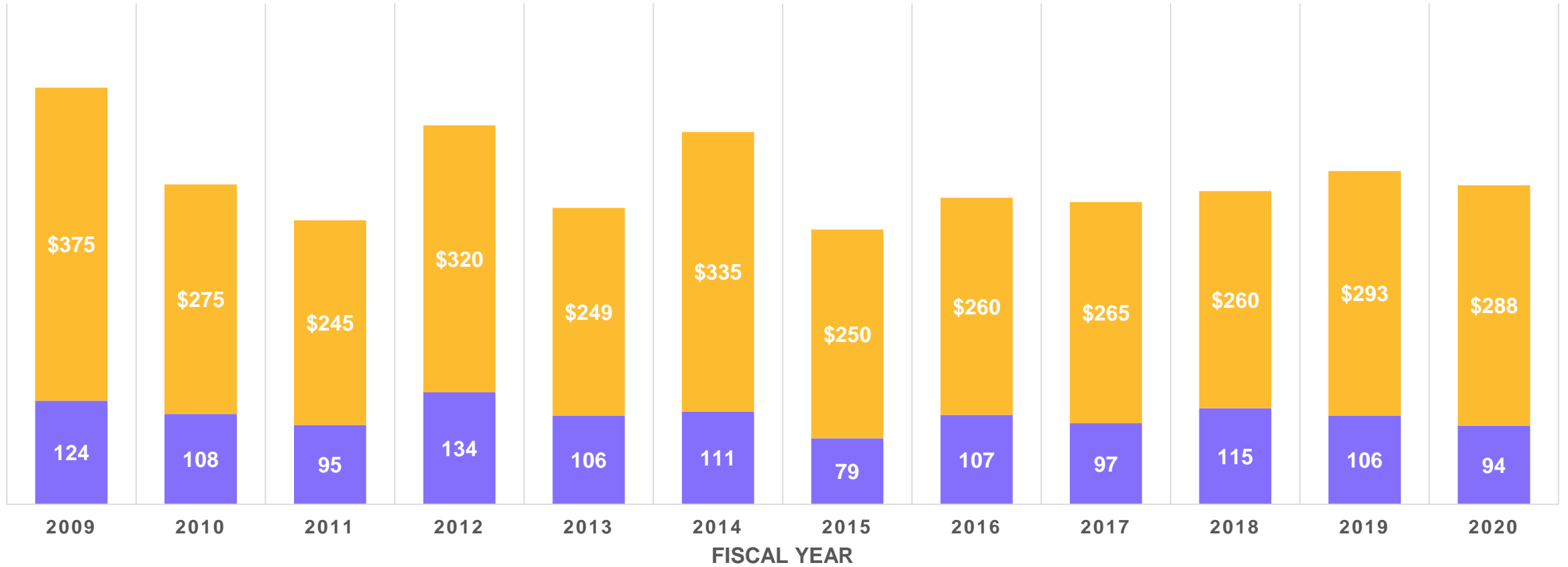
Contract Phase

- Advertisement
- Public Bidding
- Award
- Construction
- Public Meetings as appropriate



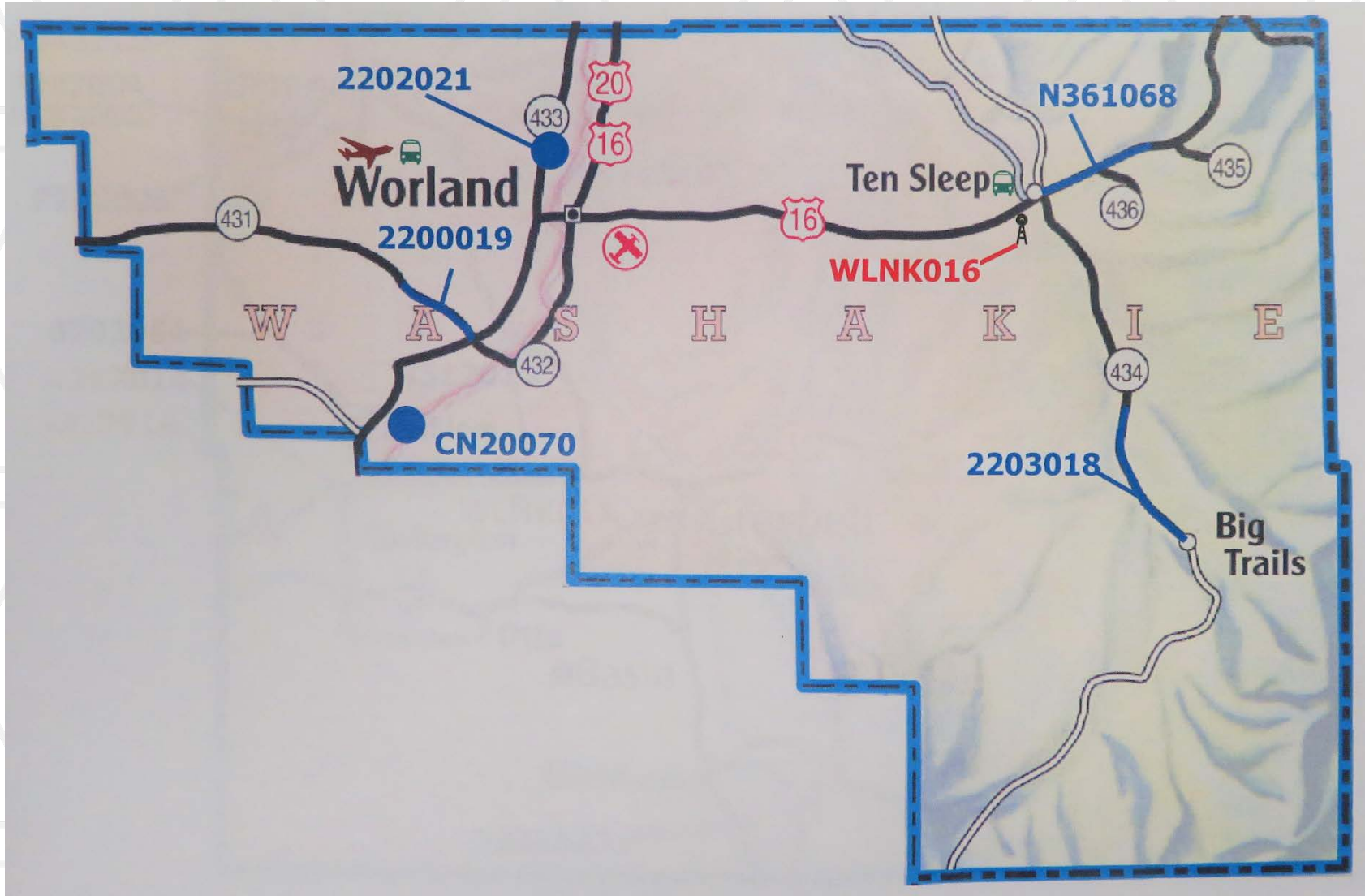
Number of Projects Let & Cost Per Fiscal Year

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





STIP - What is in the document?





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Wyoming Department of Transportation
5300 Bishop Blvd
Cheyenne, WY 82009

STATE TRANSPORTATION IMPROVEMENT PROJECTS ENGINEERING & CONSTRUCTION

WYCN002B

Washakie County

Transportation Projects

Fiscal Year: 2021

Trans Comm Dist	Project		General Location Detail Location	Begin RM	End RM	Length	Character of Work	Cost \$1,000						
								PE	CE	CON	TOTAL	FED	ST	OTH
5	STP	2202021	WORLAND TO MANDERSON WEST RIVER ROAD SECTION/WY 433 STRUCTURE NO. CXF, CXG, CXH	4.14	5.50	1.36	BRIDGE REPLACEMENT	100	602	6,023	6,725	6,085	640	0
5	HRRR	HR20506	WASHAKIE COUNTY LOWER NORWOOD ROAD LPA-WASHAKIE COUNTY	0.00	15.20	15.20	SAFETY IMPROVEMENTS	0	0	83	83	75	0	8
5	NHPP	N361068	WORLAND TO BUFFALO TEN SLEEP EAST/US 16 STR NOS. CDW, CDX, CDY, CDZ	26.76	34.08	7.32	PAVEMENT REHABILITATION	200	369	3,689	4,258	3,853	405	0
FY TOTAL:				23.88				\$300	\$971	\$9,795	\$11,066	\$10,013	\$1,045	\$8

Communications Projects

Fiscal Year: 2021

Trans Comm Dist	Project		General Location Detail Location	Begin RM	End RM	Length	Character of Work	Cost \$1,000						
								PE	CE	CON	TOTAL	FED	ST	OTH
5	STP	WLNK018	TEN SLEEP SOUTH OF HIGHWAY 16/ADJACENT TO MEADOWLARK SKI AREA	0.00	0.00	0.00	SAFETY IMPROVEMENTS	0	0	435	435	394	41	0
FY TOTAL:				0.00				\$0	\$0	\$435	\$435	\$394	\$41	\$0

Grand Total: 2021, Washakie County

\$300 \$971 \$10,230 \$11,501 \$10,407 \$1,086 \$8



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	Capital Improvement Projects	Communications Projects	Transit Projects	Aeronautics Projects	Total
Washakie	2021	\$11,066,000	\$0	\$435,000	\$0	\$0	\$11,501,000
	2022	\$1,978,000	\$0	\$0	\$0	\$933,000	\$1,911,000
	2023	\$2,134,000	\$0	\$0	\$0	\$400,000	\$2,534,000
	2024	\$17,000	\$0	\$0	\$0	\$2,556,000	\$2,573,000
	2025	\$8,159,000	\$0	\$0	\$0	\$0	\$8,159,000
	Future Year	\$7,801,000	\$0	\$0	\$0	\$0	\$7,801,000
	Total		\$30,775,000	\$0	\$435,000	\$0	\$3,289,000



District 5 STIP 2020-2026

Randy Merritt, P.E., District Construction Engineer



Local Projects



US16 Little Cottonwood project, Worland-Ten Sleep 2020



Local Projects



US20 Digital Message Sign installation, Worland, 2020



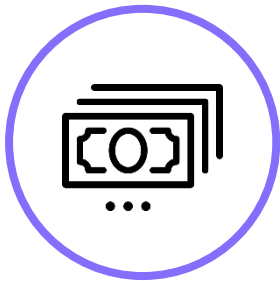
Local Projects



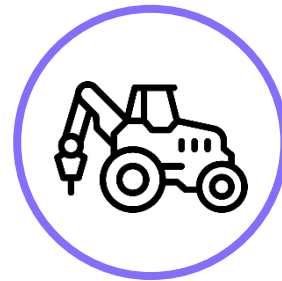
WY434 Big Trails spring flooding damage, Ten Sleep 2020



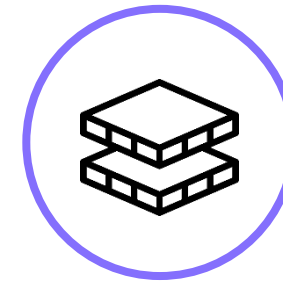
Partnerships



Funding Opportunities



Construction Partnerships



Supply Purchases



Partnerships – Local Opportunities

Bridge Replacement Off System (BROS)

\$3.14M / yr 10% Local match

Funding accounted for through 2027

Context Sensitive Amenities (CSA)

Up to 3% of project costs

New requirement is a 10% Local match

Enhancements

\$2.0M / yr Local match 10%



Partnerships – Local Opportunities

Transportation Alternatives Program (TAP)

\$2.5M / yr Local match 20%

Congestion Mitigation Air Quality (CMAQ)

\$2.0M / yr Local match 20%

Commission Road Improvement Program (CRIP)

\$5.0M / yr Local match of 15%



Partnerships – Local Opportunities

High Risk Rural Road Program (HRRR)

\$400k / yr 10% Local match

Federal Lands Access Program (FLAP)

Application period will open in late July
10% Local match

Public Transportation

SLIB Capital Construction Loan Program



Partnerships – Construction



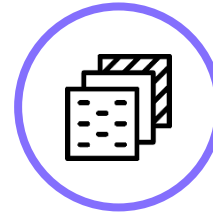
**Sand & Chemical
Snow Melt**



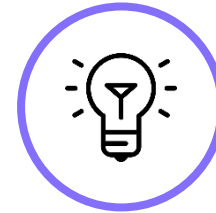
**Aggregate
Stockpiles**



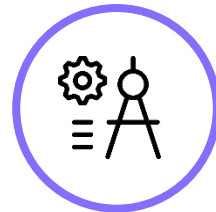
Signs & Striping



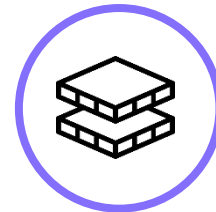
Chip Seal



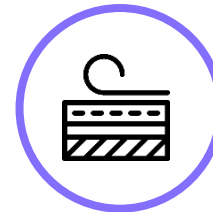
**Sidewalk &
Lighting**



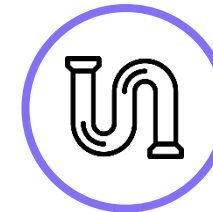
**Surveys &
Environmental**



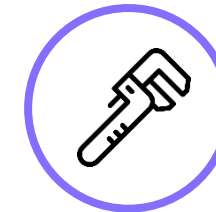
**Recycled Asphalt
Pavement**



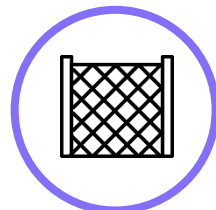
Pavement



**Water & Sanitary
Sewer Line**



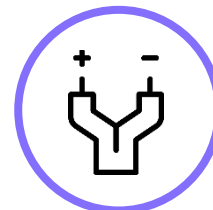
Utility Upgrades



Fence



Turn Lanes



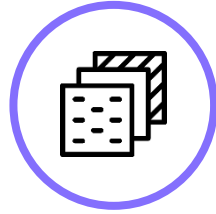
Conduit



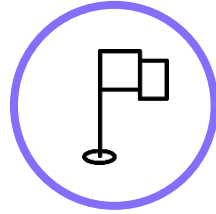
Partnerships – Supply Purchases



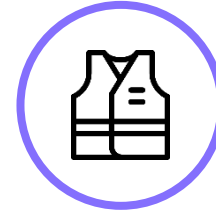
Bulk Sodium Chloride



Crack Sealing Material



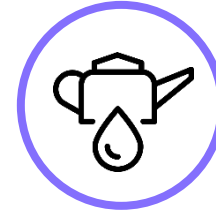
Survey Stakes



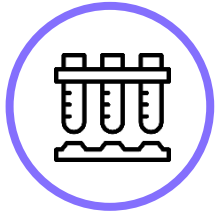
Duty Jackets



Work Wear



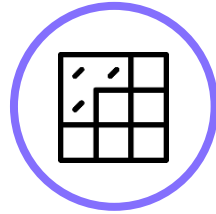
Road Oil



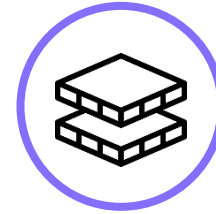
Drug & Alcohol Testing Services



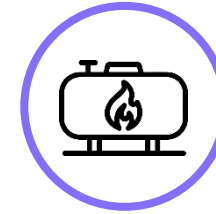
Solid & Liquid Anti-Icers



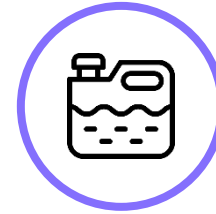
Reflective Sheeting



Fabricated Steel



Propane



Fuel (Gasoline & Diesel)



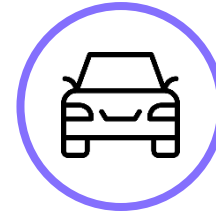
Striping Paint



Paint Beads



Road Salt



Vehicles



Equipment



Local Government Coordination

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How can we work together?



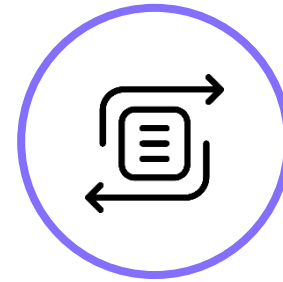
Let us know what projects are planned in this area



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?



Road and highway funding



Additional Information – Online Public Meeting

WYDOT is hosting a self-guided online public meeting for the Statewide Transportation Improvement Program (STIP)

The public can participate in the online meeting at their convenience

Interactive map to show projects and provide comments

Started Monday, July 13, 2020

Closes Friday, August 31, 2020

The online meeting can be accessed at www.wydotSTIPmeeting.com



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Supporting the economy and connecting our communities.

STATE TRANSPORTATION IMPROVEMENT PROGRAM 2021-2026

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