



# Joint Committee on Appropriations

January 2025

# OUR TEAM



**Joel Jundt**  
Secretary of Transportation



**Kellie Beck**  
Director of Finance & Management



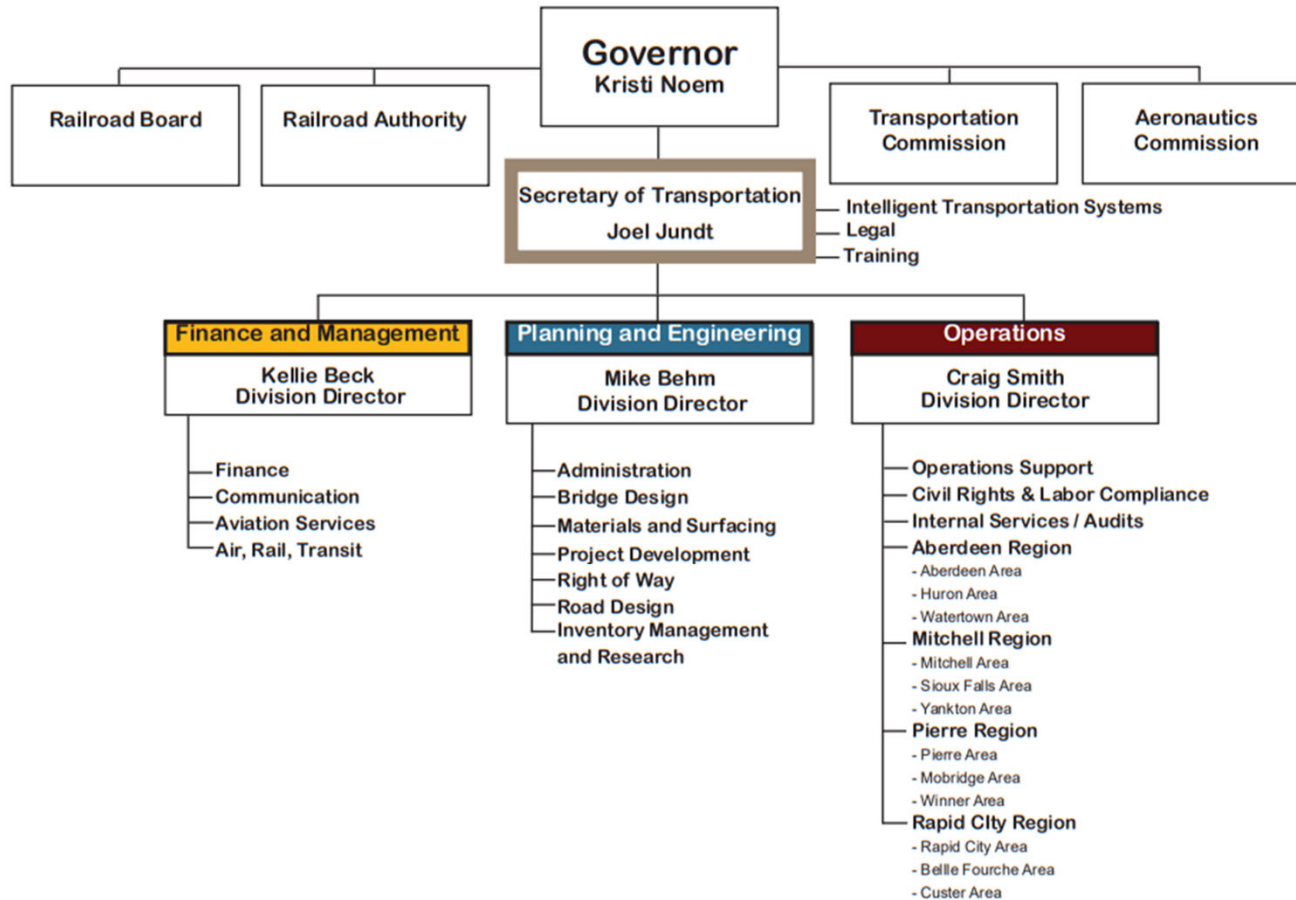
**Craig Smith**  
Director of Operations



**Mike Behm**  
Director of Planning & Engineering

# South Dakota Department of Transportation

Organization Chart



# **BOARDS AND COMMISSIONS**



- **Transportation Commission**
- **Aeronautics Commission**
- **Railroad Board and Railroad Authority**



## **PRESENTATION OVERVIEW**

- **Strategic Plan / Continuous Improvement**
- **Performance Measurers**
- **Revenue / Funding**
- **Budget**
- **Services Provided**
- **Workforce**

# STRATEGIC PLAN 2025

**CORE VALUES** - Principles and expected behaviors that guide our actions and conduct:

All employees contribute to providing a high-quality transportation system by continuously striving to innovate and improve the quality of services.

- 1. High Ethical Standards** - Honesty, integrity, respect, and professionalism with our internal customers, partners, stakeholders, and the public
- 2. Stewardship** - Innovative, efficient, and accountable use of public resources
- 3. Transparent Public Service** - Exemplary trustworthy public service with unprecedented access to information and decision-making processes
- 4. Safety** - Safety in all we do
- 5. Teamwork** - Inclusive, diverse, innovative, and supportive work culture
- 6. Improvement** - Initiate and implement new ideas or methods to create value

**MISSION** - We provide a safe and efficient public transportation system

**VISION** - Better lives through better transportation

## STRATEGIC OBJECTIVES

Where we must focus our strengths and resources to overcome our challenges



### EVERYONE HOME SAFE EVERY DAY

#### Focus Areas & Key Actions

**Highway Safety** - Reduce fatal and serious injury crashes

- Implement highway safety program
- Implement new winter operations closure strategies
- Refine design for variable speed limit systems
- Construction work zone research

**Workforce Safety** - Reduce workplace injuries, incidents, and crashes

- Update safety committees and safety manual
- Safety team presence and support to field and office activities
- Empower employees to stop work due to safety concerns

#### Key Metrics

- Serious injury and fatal crashes
- Work zone crashes
- Snowplow crashes
- Workforce injuries



### GROW AND RETAIN A HIGH PERFORMING WORKFORCE

#### Focus Areas & Key Actions

**Recruitment** - Attract a diverse qualified workforce

- Promote SDDOT through schools (K-12/collegiate) and communities
- Deploy clear, concise, and engaging requisition and job postings for all positions
- Deploy recruitment strategies and awareness to all employees

**Retention** - Reduce turnover, enhance employee engagement, and build a stable, high-performing workforce

- Promote career advancement opportunities
- Ensure deployment of employee onboarding process checklist
- Workgroups for similar positions to define and communicate expectations for work-life balance
- Explore Employee Resource Groups (ERG)

**Development and Training** - Build a highly skilled and adaptable workforce

- Train to learn and understand SDDOT standard practices, policies, and procedures
- Communicate expectations on leadership development to all supervisors
- Establish safety standing training group and implement updated safety training
- Establish methods to measure effectiveness of training

#### Key Metrics

- Employees receive sufficient explanation and details regarding significant changes in the agency
- Employees are able to balance work and personal life
- Employees feel they are doing something worthwhile
- Retention of employees
- Average number of open position
- Kirkpatrick training effectiveness



### PROVIDE EXCELLENT SERVICES

#### Focus Areas & Key Actions

**Highway and Bridge Condition** - Sustain a high quality transportation system

- Delivery of STIP
- Implement Maintenance Equipment Management System to manage highway assets

**Winter Operations** - Ensure safety and mobility during winter weather events

- Enhanced messaging during winter events
- Improved effectiveness and efficiency of operations

**Customer and Public Engagement** - Deliver transparent, timely, and accessible information with proactive two-way communication

- Deploy Public Involvement Plan (PIP) and engagement practices

**Technology and Improvement Adoption** - Implement technology and improvements to improve services

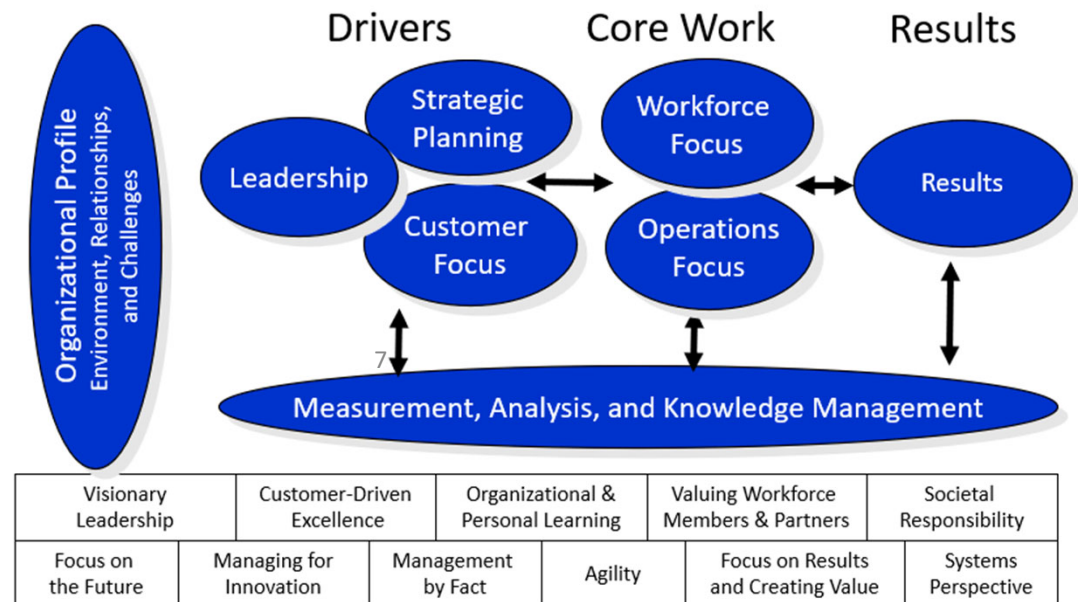
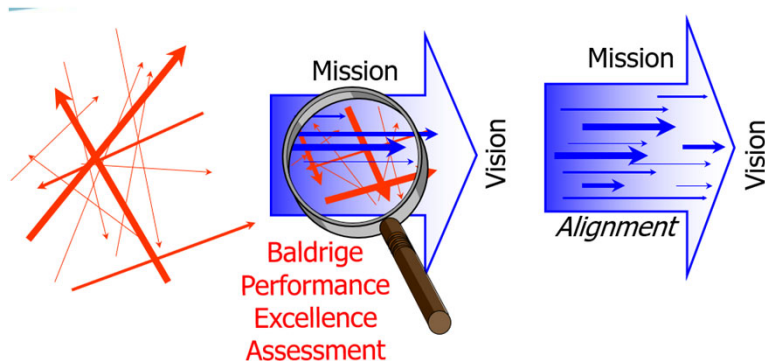
- IT road map implementation
- Deploy improvement idea process to all employees

#### Key Metrics

- System reliability
- Customer satisfaction
- Pavement and bridge condition
- SD511 usage and satisfaction
- Winter road recovery times

# CONTINUOUS IMPROVEMENT

- Baldrige Criteria Framework
- Partnership with Performance Excellence Network (PEN)
- Embedded Cycles of Learning





# Continuous Improvement

## Variable Speed Limits



### System Tools

#### Core System Components



VSL Signs



Environmental Sensors



Traffic Detection



Traffic Cameras

#### Supporting Devices



Dynamic Message Sign



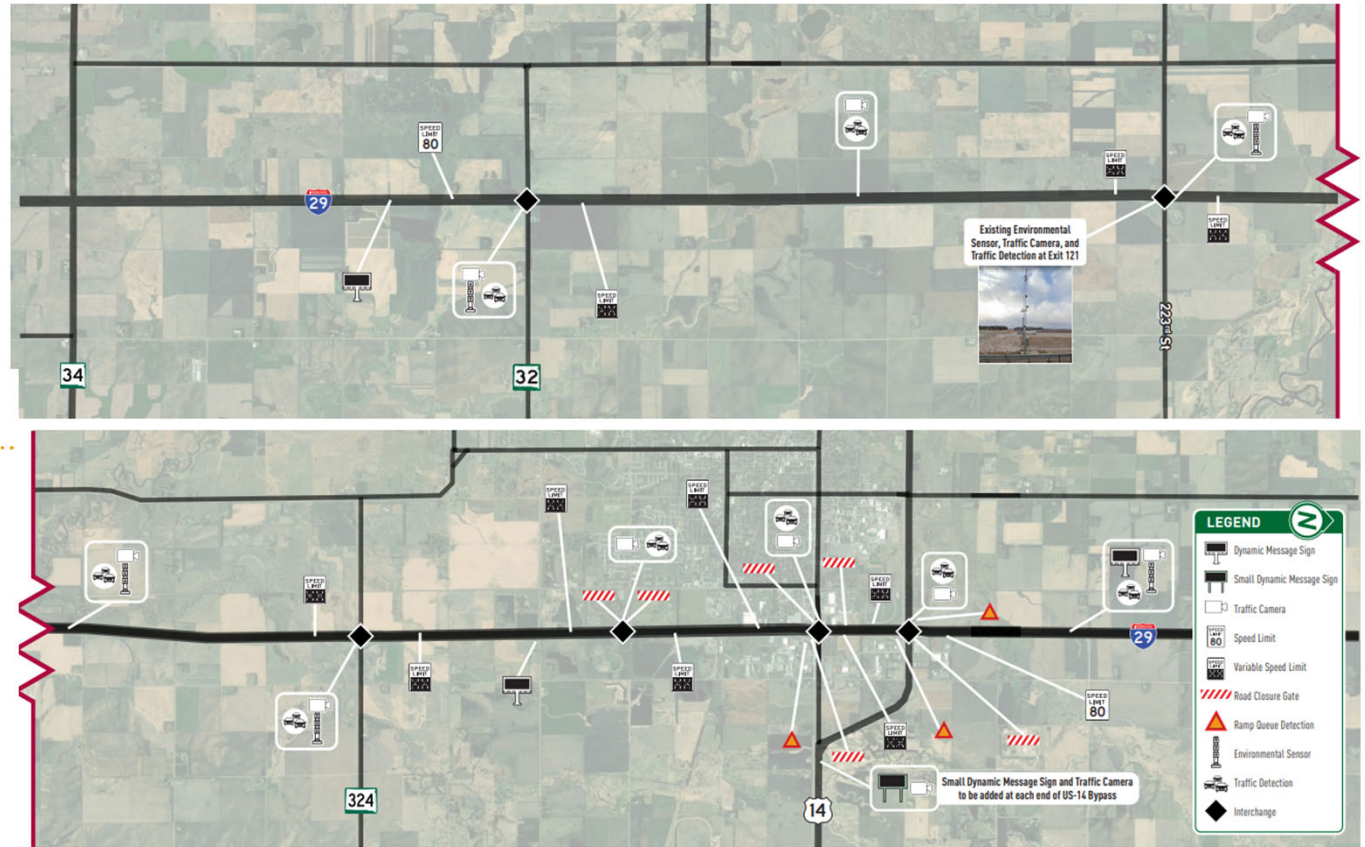
Ramp Queue Detection



Road Closure Gates




Road Closure Gate Signs



# Continuous Improvement

## Public, Stakeholder & Partner Engagement

 South Dakota Department of Transportation  
December 8, 2022 at 12:03 PM · 🌐

Mrs. Zemlicka's kindergarten class from Aberdeen Roncalli Primary School submitted their plow name in our 3rd Annual Name the Snowplow contest! The class is patiently awaiting to see if their name is in the running to be a winner this year.

Submissions for the contest closed at the end of November and now SDDOT staff are voting on the nearly 600 names sent in to find the 12 top that will adorn our SDDOT plows.

Winners will be announced once SDDOT staff voting concludes!... See more



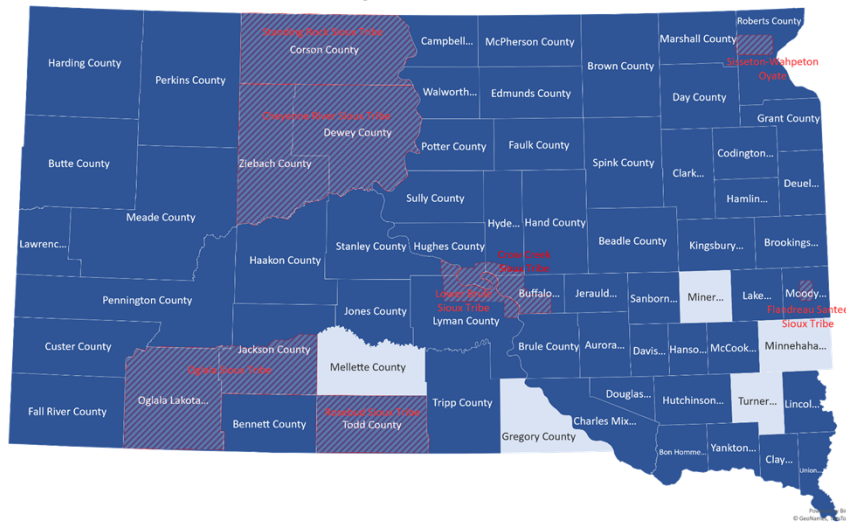


# Continuous Improvement

## Winter Maintenance Improvements

- Traveler Information – County and Tribal Information
- State Highway Closures
- Navigation Apps

Counties and Tribes Registered to Use SD511 as of 01/02/2025



**SD DOT** @SouthDakotaDOT · Jan 7

It's a bird, it's a plane, no it's actually an SDDOT plow operator coming to the rescue!

Click the link below to watch SDDOT employees Jim Lolley and Jason Humphrey, highlight the heroic work of our crews.

[#SDDOT #SD511 #DontCrowdThePlow](#)

SD Hwy 44

**SD DOT RESCUED 50 PEOPLE IN RECENT STORM**

**CLOSINGS** CITY OF BERSFORD ALERT UNTIL FURTHER NOTICE | NO PARKING ON CITY STREETS THROUGH THURSDAY, 1/5

dakotaneWSnow.com

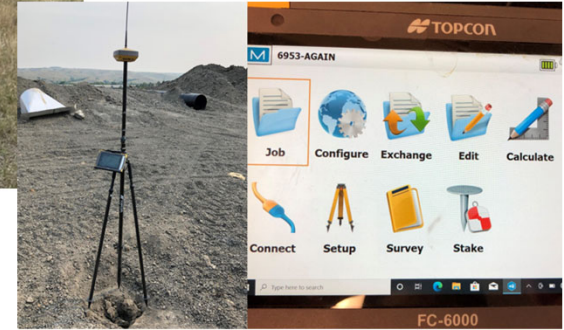
South Dakota plow drivers rescue 50 people in mid-December snowst...  
 "It really does put them in the hero status, and I couldn't be more proud of our team," said Humphrey.

2,721 1 1 5 10

# Continuous Improvement

## IT Systems

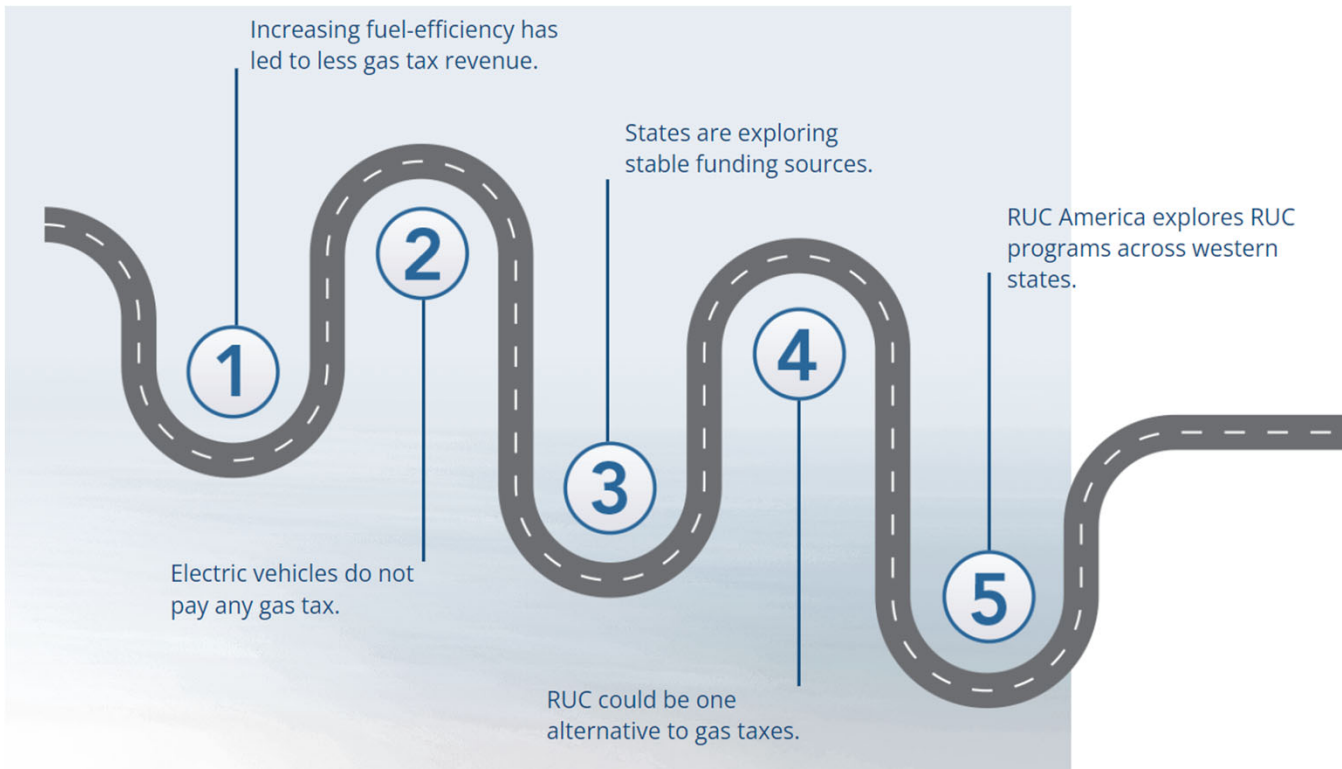
- Construction Management (E-Construction)
- Maintenance Equipment Management System (MEMS)
- IT Road Map for the Future



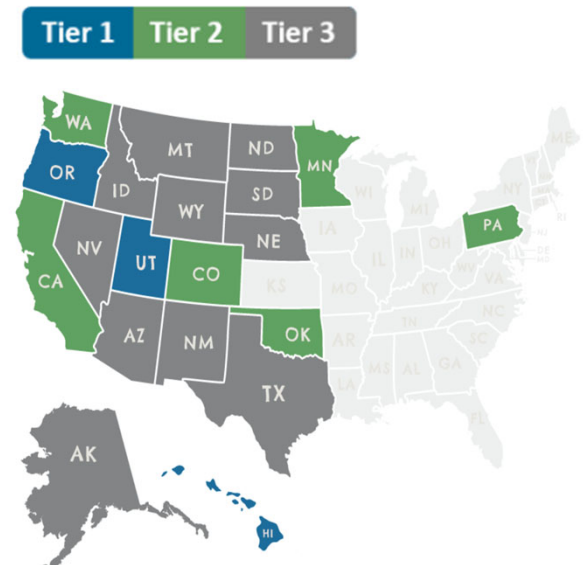
	SFY 2025				SFY 2026				SFY 2027			
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Finance Division												
BISON - State Accounting System	BISON Implementation											
Operations												
Maintenance and Equipment Management System (MEMS)	Phase One	Phase two			Phase Three				Phase Four			
eConstruction (CM&P and MS&T)	eConstruction Implementation											
Evergreen - TKS Replacement					???							

# Continuous Improvement

## Vehicle Miles Traveled Study



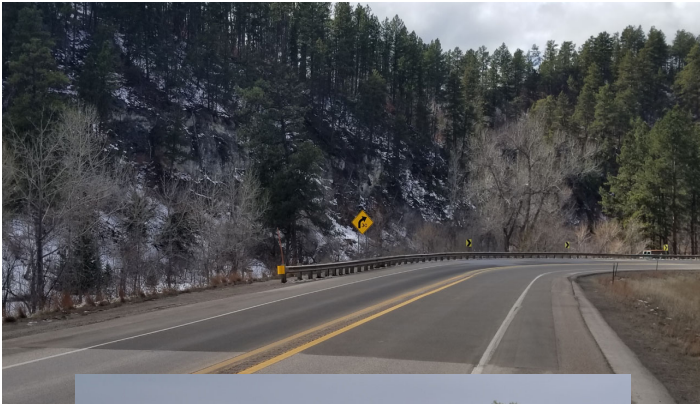
### RUC America MEMBER LEGEND





# Continuous Improvement Safety Enhancements

- HFST - High Friction Surface Treatment
- Rumble Strips



High friction surface treatment on over 75 horizontal curves  
**reduced winter road condition crashes by**

80%

Over 500 miles of **shoulder rumble strips** on two-lane county and tribal roads  
**reduced road departure crashes by**

20%

Over 700 miles of **centerline rumble strips** reduced on two-lane rural roadways

**reduced fatal/injury crashes by**

62%

**reduced cross-centerline crashes by**

47%

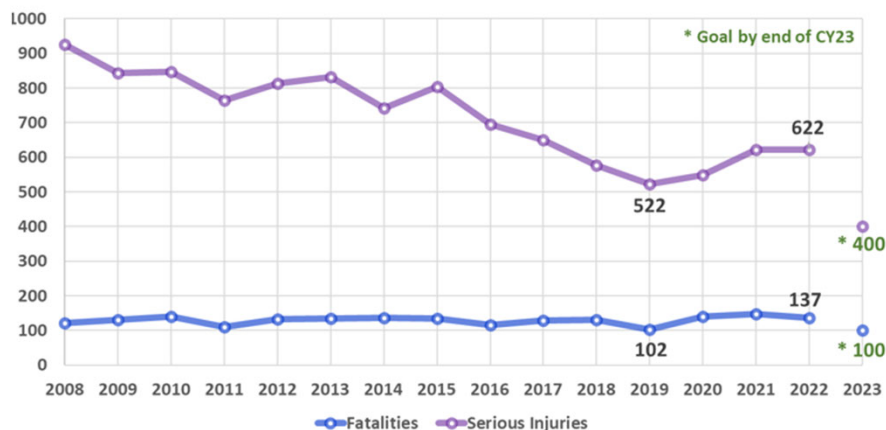
# Continuous Improvement

## Highway Safety

### Six Key Principles

- Death & Serious Injuries are Unacceptable
- Humans Make Mistakes
- Redundancy is Crucial
- Safety is Proactive
- Responsibility is Shared
- Humans are Vulnerable

Traffic Fatalities & Serious Injuries Trends and Goals



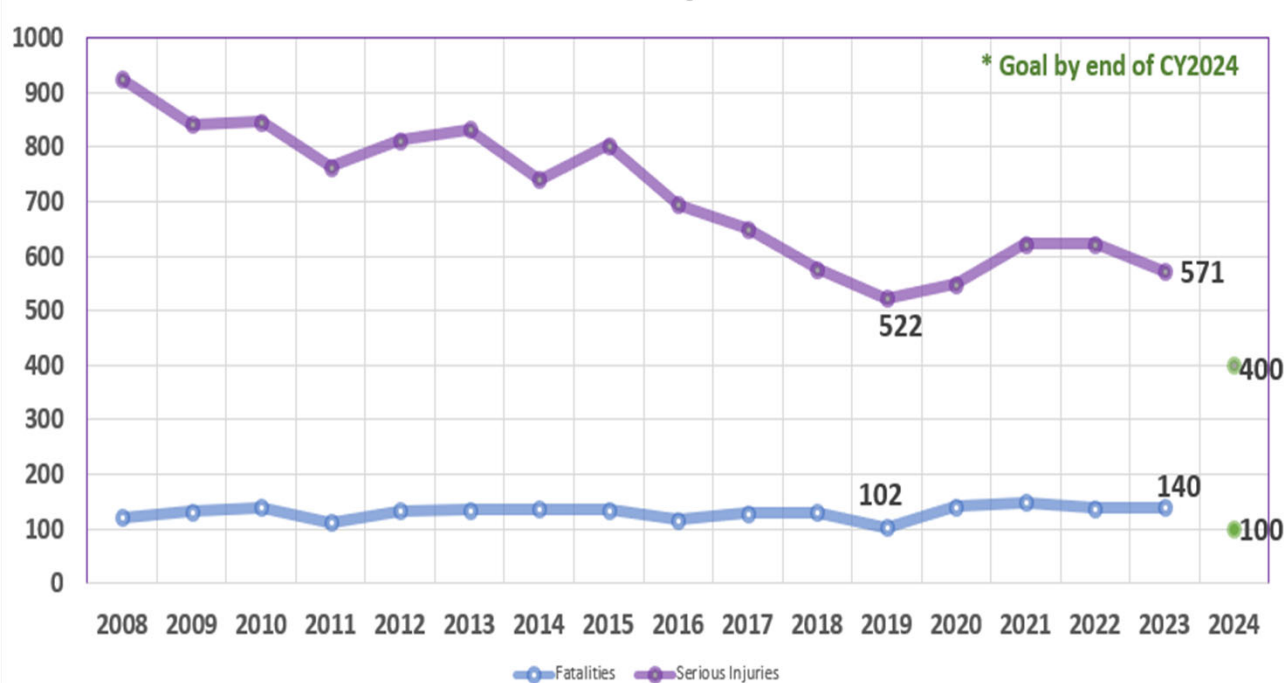


# Transportation Performance Measures



# Highway Safety

Traffic Fatalities & Serious Injuries Trends and Goals



2024 South Dakota

## Strategic Highway Safety Plan

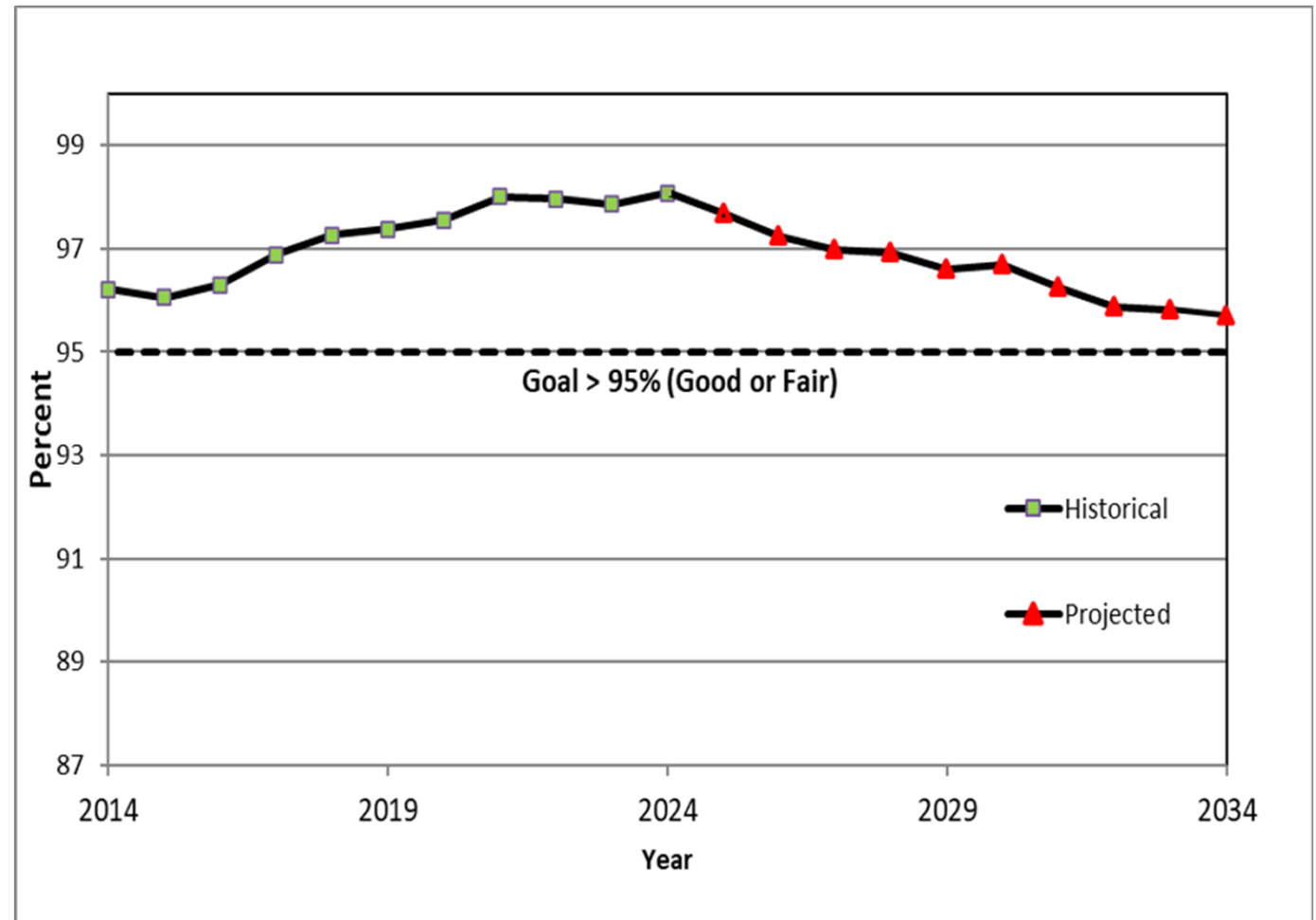
August 2024

# Pavements

Historical & Projected  
Future Pavement  
Condition Based on  
Current Investment

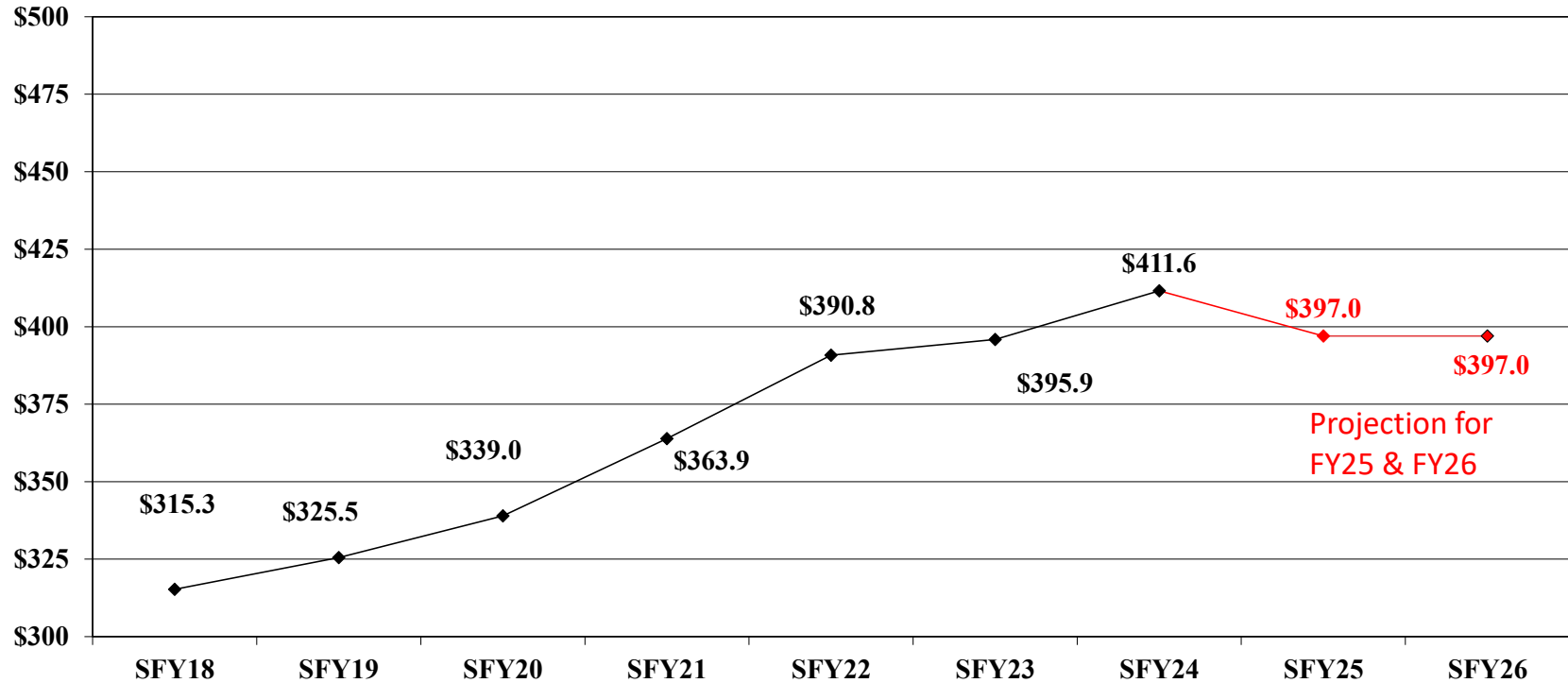


# Historic & Predicted Bridge Condition



# Revenue and Funding

# Total State Highway Fund Revenues SFY2018-SFY2024 Collections



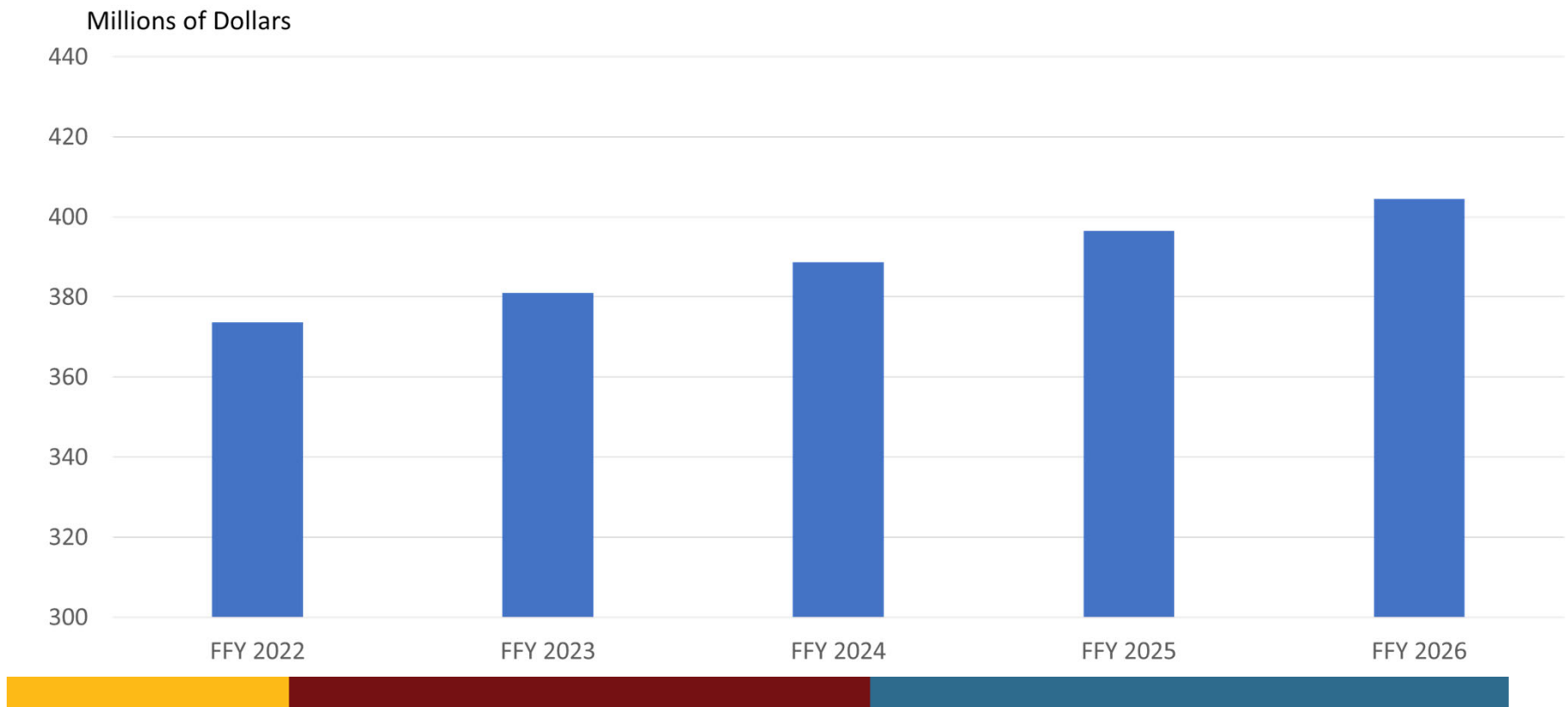


# State and Local Involvement

Federal and State Funding Allocation to Local Governments		
	Millions	Federal and/or State
STP - Counties	\$17.6	Federal
STP - Cities	\$16.0	Federal
Match on STP Funds	\$2.8	State
Bridge Improvement Grants (BIG)	\$21.3	State
State Transportation Loan	\$1.5	State
State Infrastructure Bank Loan	\$16.5	Federal
Bridge Inspections	\$2.7	Federal
Safety Projects	\$12.1	Federal
Statewide Striping Projects	\$0.5	State
Railroad Crossing Improvement Projects	\$1.9	Federal
Transportation Alternative Program (TAP)	\$9.3	Federal
Planning and Research Funds	\$2.8	Federal
Transit Planning Funds	\$0.6	Federal
Community Access Grants	\$4.0	State
Local Federal Bridge Replacement Program	\$35.6	Federal
<b>Total</b>	<b>\$145.2</b>	

# Infrastructure Investment Jobs Act - Highways and Bridges

## FFY 2022 – 2026 Formula Appropriations



# Infrastructure Investment Jobs Act – Air, Rail and Transit

## Rail

Consolidated Rail Infrastructure and Safety Improvement (CRISI) Grants

- Special Transportation Circumstance (STC) Grants – Dedicated Rail funding for SD
- SD is estimated to receive \$27 million in 2025

## Airports

- Expected to receive \$106 million for 2025 grants

## Transit

- Expected to receive approx. \$30M for 2025 (\$15M Rural, \$12M, \$3M Tribal)



# Summary of South Dakota Airport Terminal Program

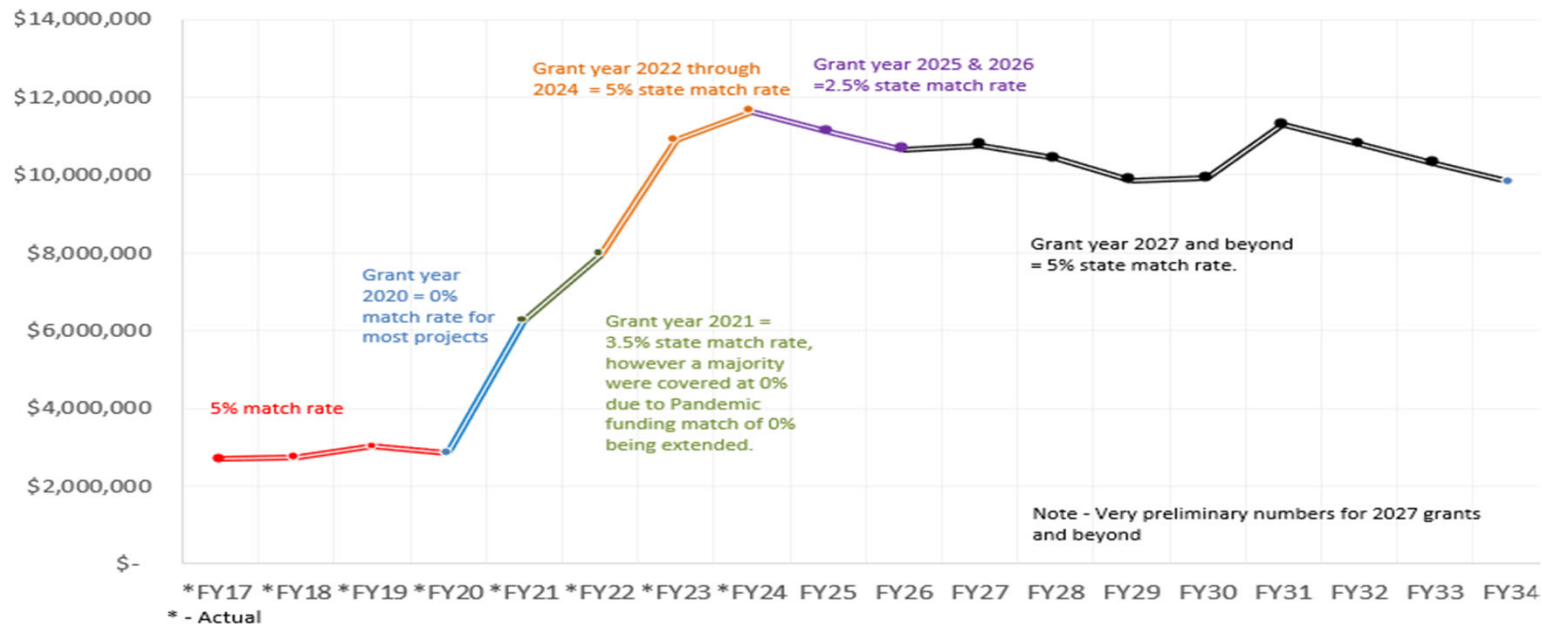
SB144 (24 Legislative Session) Allocated \$10M airport terminal projects

Airport	Amount
Aberdeen	\$1,200,000
Hot Springs	\$27,000
Rapid City	\$3,047,126
Sioux Falls	\$2,561,801
Spearfish	\$1,319,073
Sturgis	\$210,000
Tea	\$735,000
Watertown	\$900,000

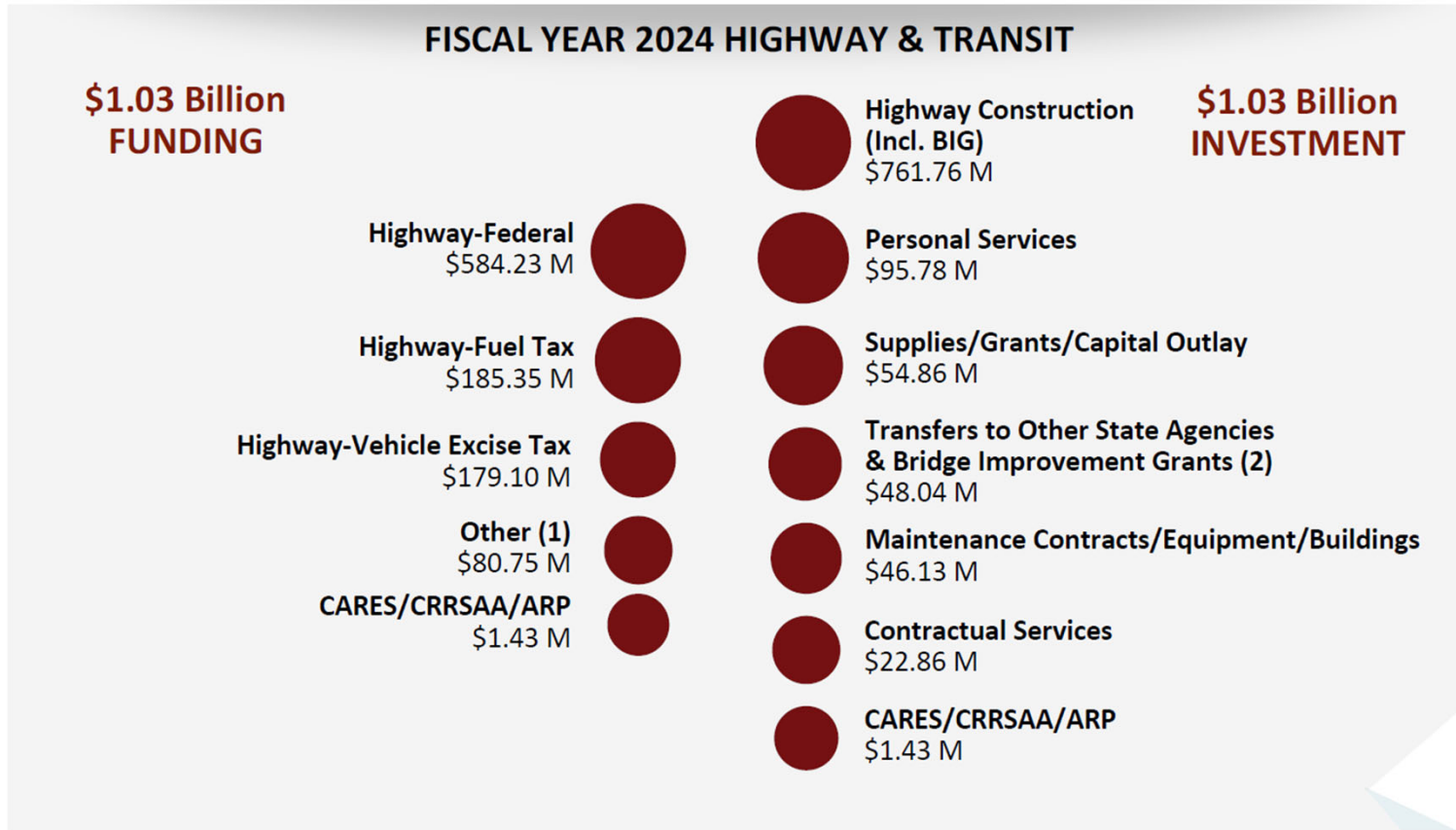
# Aeronautic Fund Balance

Updated as of 11/12/24

## AERONAUTICS FUND PROJECTIONS EXCLUDING CITY ALLOCATION



# FY24 Highway & Transit Funding and Investment



# Budget

# SDDOT FY2026 BUDGET REQUEST

## OTHER FUNDS

- Winter Maintenance      \$2,010,498
- Cap Assets      \$ 400,000  
(E-Construction)
- Data Services      \$1,063,369  
(computer system upgrades)
- Public Transit      \$ 26,133  
\$3,500,000





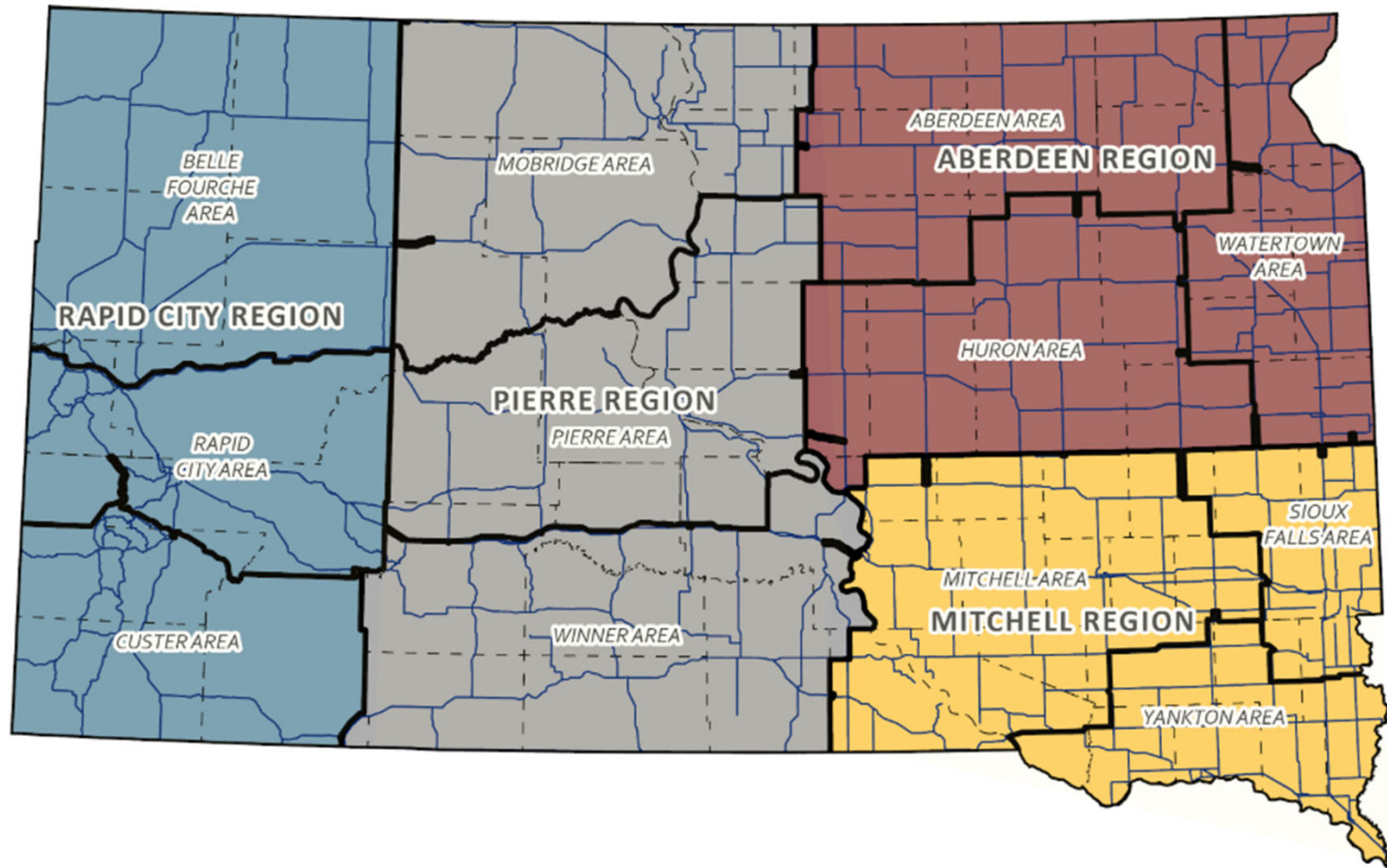
# SDDOT FY2025 OPERATING BUDGET vs FY2026 BUDGET REQUEST

FISCAL YEAR	GENERAL FUNDS	FEDERAL FUNDS	OTHER FUNDS	TOTAL FUNDS
FY2025	\$718,399	\$851,917,545	\$397,245,780	\$1,249,881,724
FY2026	\$718,399	\$851,917,545	\$400,745,780	\$1,253,381,724
TOTAL INCREASE	\$0	\$0	\$3,5000,000	\$3,500,000

# Who We Are / Services Provided



# Region and Area Statewide Map



# Maintenance and Operations

- Winter Maintenance
- Traveler Information
- Pavement Preservation
- Roadside Maintenance
- Pavement Marking / Signing
- Drainage / Culverts
- Bridge Preservation
- Emergency Response





# Developing Projects



# Statewide Transportation Improvement Program



SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION



# Construction

- Project Management
- Material Testing
- Quality Control Inspections
- Administering Contracts
- Public Outreach and Relations

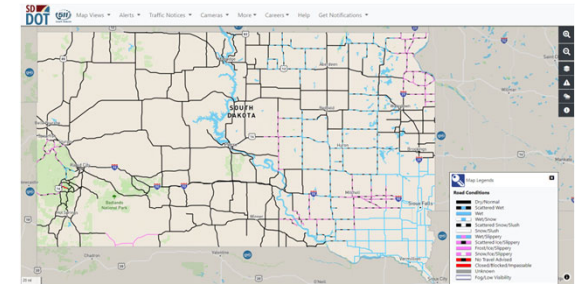


# SD511, SOCIAL MEDIA & WEBSITE ENGAGEMENT

## Statistics Jan. 1, 2024 - Dec. 1, 2024

### SD511:

- **9,757** SD511 Subscribers  
(User is signed up for an account with at least one active email or text alert).
- **102,000+** Calls to 511
- **2 Million+** Website Sessions
- **1.3 Million+** Mobile App Sessions



### Social Media:

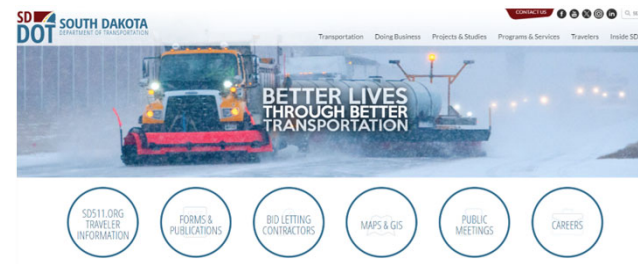
- **60,426** Facebook Followers  
(Increase of 10,842+ in last year)
- **2.5 Million+** Visitors to all SDDOT Accounts  
(Facebook, Instagram, LinkedIn, and X.)

Social media posts (summer construction or winter weather) drive people to SD511 for the latest road conditions and alerts!

We also use social media (and SD511) to provide direct links to our website for customers to find more detailed project construction information.

### Website:

- **838,939** Views to <https://dot.sd.gov>
- **291,985** Active Users





# Other Modes of Transportation



**PUBLIC TRANSIT**



**AIRPORT/  
AERONAUTICS**



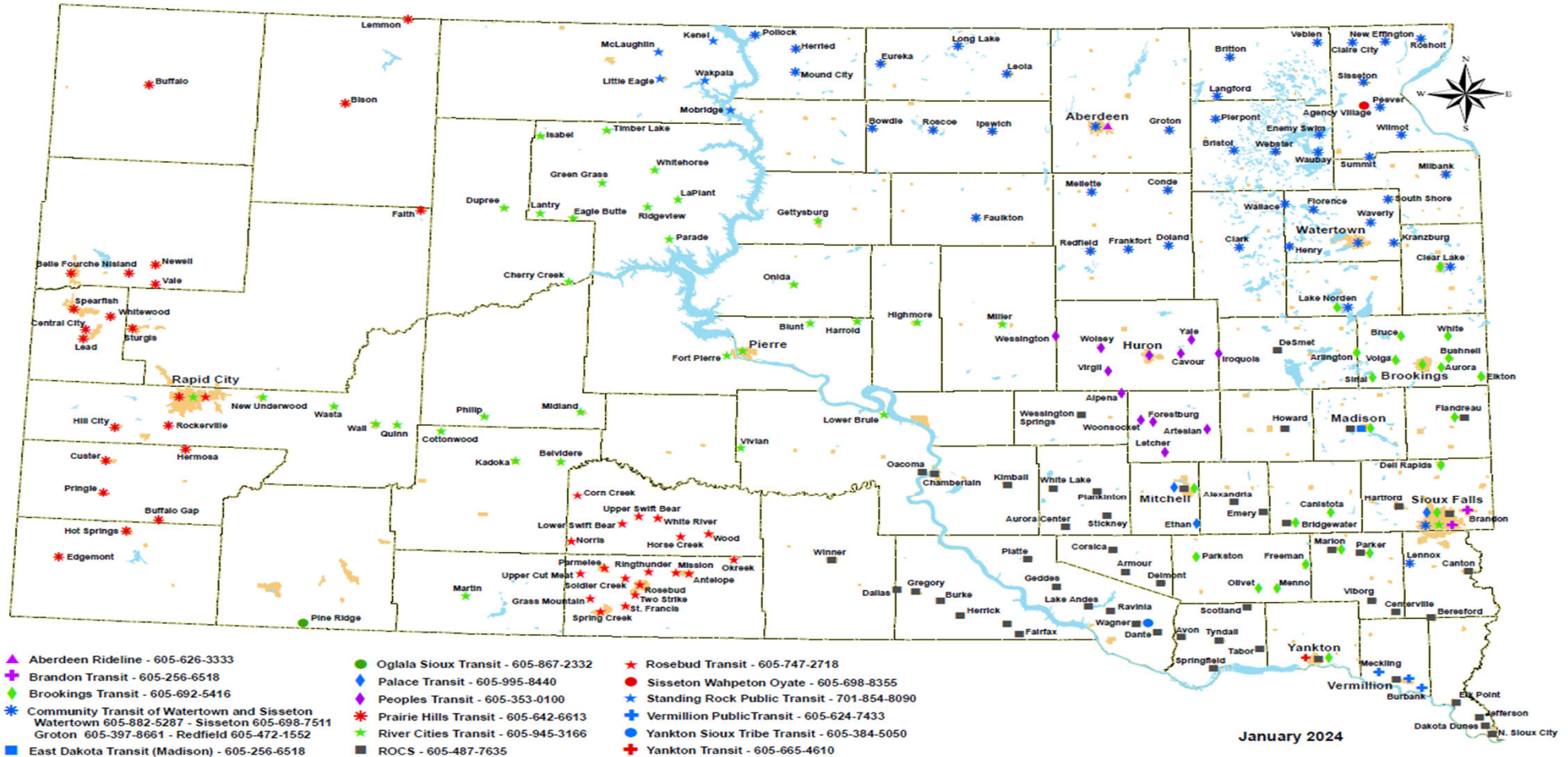
**STATE OWNED  
RAILROADS**

# Transit



# SD Public Transit Network

## South Dakota Communities Served By Rural and Tribal Transit Providers

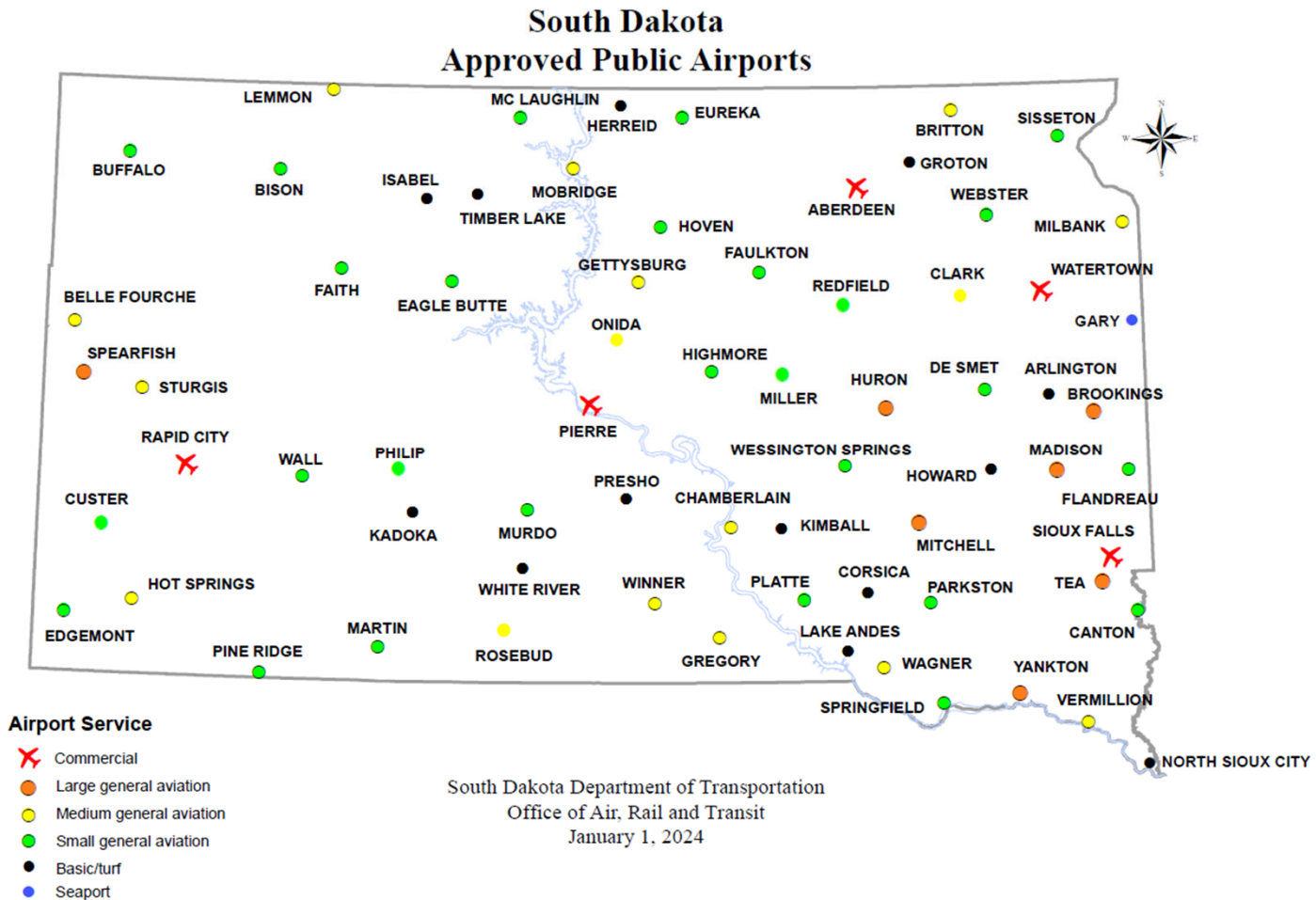




# Aeronautics



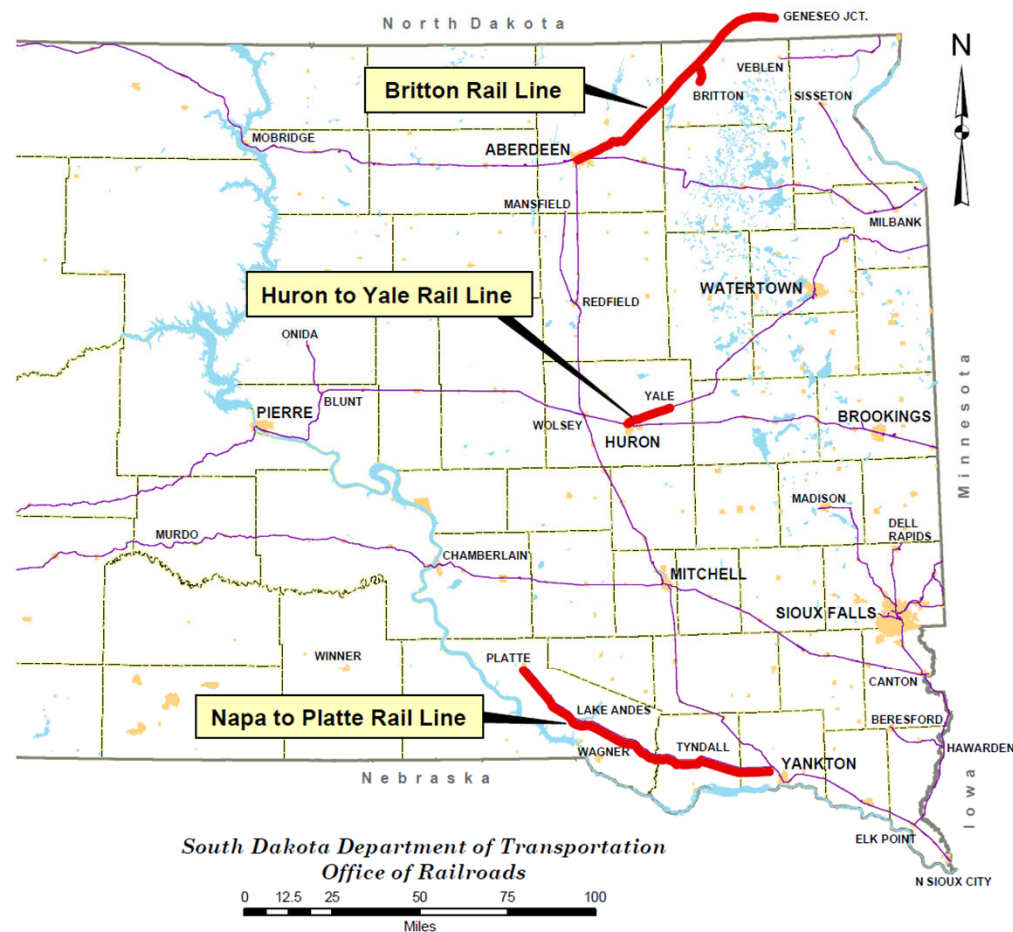
# SD PUBLIC AIRPORTS



# State Owned Railroads



# South Dakota Railroad Lines Still Under State Ownership



December 2024



# South Dakota Railroad Grant Projects (active projects)

PROJECT	PROJECT TYPE	GENERAL FUNDS	TRUST FUNDS	FEDERAL FUNDS	OTHER FUNDS	TOTAL FUNDS
RCP&E Infrastructure improvements for bridges and culvert (STC 2021)	Rehabilitation			\$ 878,892	\$ 219,723	\$ 1,098,615
Ringneck and Western Locomotive Shop and track (STC 2021)	New Constuction			\$ 1,799,009	\$ 1,199,339	\$ 2,998,348
Ringneck & Western Meet and Pass Siding (STC 2020)	Rehabilitation		\$ 640,000	\$ 2,357,352	\$ 300,000	\$ 3,297,352
RCP&E Frieght Capacity Expansion (RAISE 2021)	Rehabilitation	\$20,000,000		\$ 22,000,000	\$42,000,000	\$ 84,000,000
SMRR 37 miles of RR Rehabilitation (2022 CRISI)	Rehabilitation	\$ 6,250,000		\$ 24,712,204	\$ 50,000	\$ 31,012,204
D&I Total rail replacement of 11.84 miles of rail. (22&23 STC)	Rehabilitation			\$ 9,957,246	\$ 2,489,311	\$ 12,446,557
Belle Fourche Expansion (22&23 STC)	New Construction			\$ 963,440	\$ 240,860	\$ 1,204,300
DMVW Rehab ND line (state grant)	Rehabilitation		\$3,991,817			\$ 3,991,817
Britton Line rehab (22&23 STC)	Rehabilitation		\$2,640,054	\$ 17,600,361	\$ 1,760,036	\$ 22,000,451
RCP&E rehab of line between Rapid City & Wyoming border (22&23 STC)	Rehabilitation			\$ 14,062,328	\$ 6,026,712	\$ 20,089,040
Ringneck & Western repair from Mitchell to Presho (22&23 STC)	Rehabilitation			\$ 8,310,932	\$ 2,077,733	\$ 10,388,665
RCP&E Repair culverts (22&23 STC)	Rehabilitation			\$ 3,241,040	\$ 810,260	\$ 4,051,300
		<b>\$26,250,000</b>	<b>\$7,271,871</b>	<b>\$105,882,804</b>	<b>\$57,173,974</b>	<b>\$196,578,649</b>



# WORKFORCE



# DOT WORKFORCE



Full time benefited employees 1011

Part time benefited employees 7

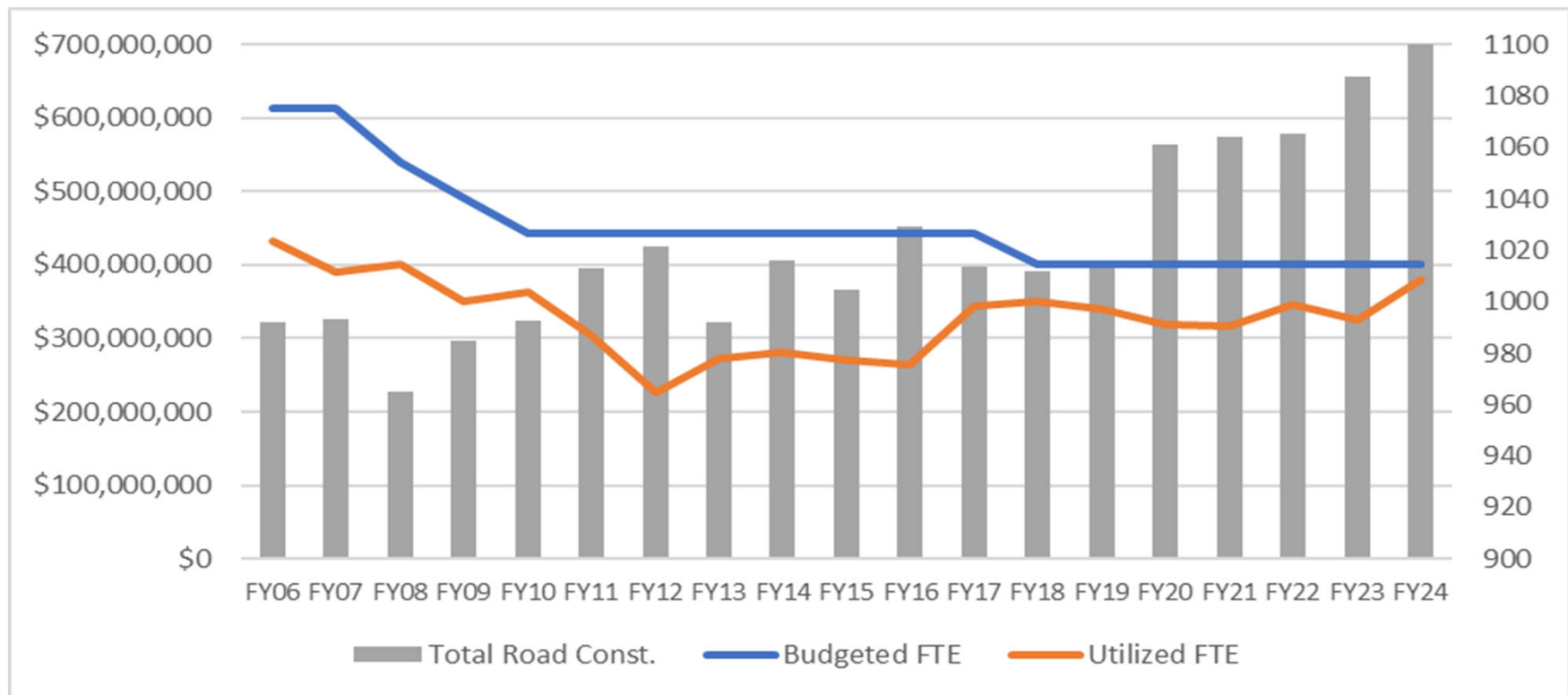
Seasonal non-benefited employees 120

Temporary non-benefited employees 0

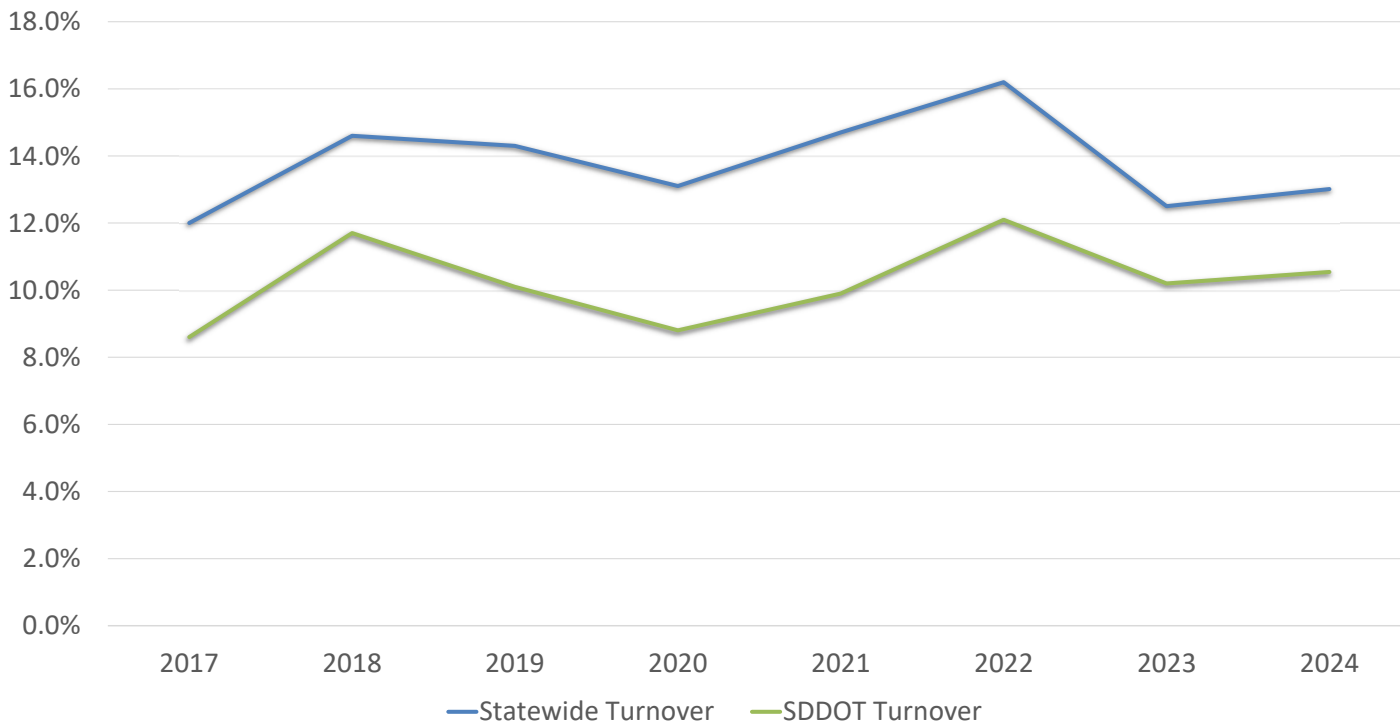
Total of 1138

**SDDOT: CURRENT WORKFORCE(FULL TIME & SEASONAL)**

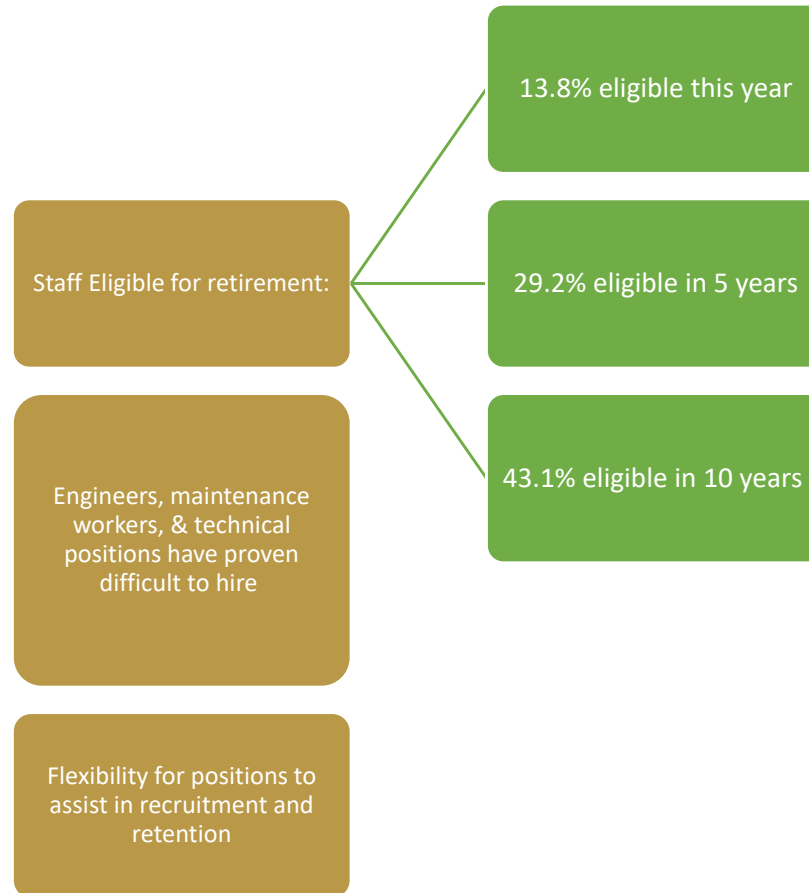
# CONSTRUCTION EXPENDITURES COMPARED TO FTE



# WORKFORCE



# SDDOT RECRUIT & RETAIN DIFFICULTIES





# Questions?

## **Mailing Address**

Department of Transportation  
Becker-Hansen Building  
700 E Broadway Ave.  
Pierre, SD 57501

## **Email Address**

[joel.jundt@state.sd.us](mailto:joel.jundt@state.sd.us)

## **Phone Number**

605-773-5105

