# **DEPARTMENT OF TRANSPORTATION**



### 2019 ANNUAL REPORT

### WYDOT Purpose, Vision, Mission, Values, and Goals

### Purpose

Support Wyoming's economy while safely connecting communities and improving the quality of life.

### Vision

**Excellence** in transportation

### Mission

Provide a safe and effective transportation system

### Values

- Respect
- Integrity
- Dedication
- Excellence
- Safety

### Goals

- Ensure a vibrant, safe, and competent workforce
- Acquire and responsibly manage resources
- · Provide safe, reliable, and effective transportation systems
- Provide essential public safety services and effective communication systems
- Create and enhance partnerships with transportation stakeholders
- Encourage and support innovation
- Preserve our history and heritage

Contents		
Messages from Leadership	4	
Program Overviews		
Director's Office	6	
Engineering and Planning	6	
Operations	8	
Finance	10	
Technology	12	
Support Services	13	
Highway Patrol	14	
Aeronautics	14	
Commissions	15	
Goals Roadmap	16	

### Note to WYDOT Personnel

WYDOT's executive team would like to thank all personnel who contributed to this report. We understand the difficulty of summing up a year's worth of work and achievements in a few short paragraphs, and your efforts are appreciated as they help to share WYDOT's story. Although it is impossible to include all the many accomplishments of every crew, section, district, and program, we hope this report can at least highlight some of the various ways in which we all work together to go the extra mile for the citizens of Wyoming and all the users of our state transportation system.

#### Wyoming Department of Transportation 2019 Annual Report

Compiled and edited by Management Services Layout and design by Carlie Van Winkle, Public Affairs Office Photos by Rick Carpenter, Public Affairs Office

### **Message from Governor Gordon**





Governor Mark Gordon

After working closely with the Wyoming Department of Transportation (WYDOT) this past year, I want to commend the agency for its commitment to safe, reliable, and effective transportation. WYDOT's focus encompasses not only roads, but also air travel, safety communications, and transportation technology–a role that provides access to education, jobs, tourism opportunities, and more.

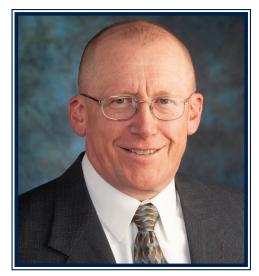
As always, safety remains the agency's top priority. WYDOT continued its proactive approach to safety this year through routine operations while also responding adeptly to harsh winter storms and other natural events. I want to commend the combined efforts of our dedicated WYDOT employees. These include Highway Patrol, who assisted drivers and intercepted vehicles that presented a danger to other motorists, and Public Affairs, which provided timely notification of safety hazards and other important travel information. To prepare for construction and imminent weather, Traffic employees designed plans for work zone traffic control and intelligent transportation system devices. Technology teams facilitated lifesaving communications that included work on the WyoLink public safety communication system. When extreme weather hit, Operations teams throughout the state met the challenge by keeping vital equipment ready, plowing roads, and responding to roadside emergencies swiftly.

Unfortunately, despite this emphasis on safety, well over 100 fatalities occurred on our roads this year. Onethird of these deaths were related to driving under the influence of alcohol. In addition, Wyoming residents still trail the national average for seatbelt use. I find these statistics alarming given the effort and resources we put towards safety. I implore every driver to help save lives by respecting road conditions, avoiding distractions, and buckling up.

I am pleased that WYDOT continues to execute projects efficiently and effectively. The agency completed more than 89 percent of construction jobs on time despite spring weather delays and funding challenges. Planning, Highway Development, and other engineering teams ensured projects were programmed, designed, budgeted, and delivered satisfactorily. We continue to maintain the majority of pavement in good to excellent condition, reduce the amount of bridge deck area in poor condition, and support airports that, pre-COVID-19, have experienced a 13 percent increase in commercial passengers since 2007.

Looking ahead, I am excited to support projects that will help improve quality of life and benefit citizens, industry, and the environment, such as the Dry Piney wildlife underpasses that recently received federal grant funding and financial support from both the Game and Fish Department and the private sector. I also look forward to improvements in transportation technology, including the I-80 Connected Vehicle Pilot and WyoLink tower expansion. These efforts will continue to propel Wyoming forward.

### **Message from Director Reiner**



**Director Luke Reiner** 

The dedication and hard work of our Wyoming Department of Transportation (WYDOT) employees continually impresses me. Every day, at every level of this agency, each individual contributes to our mission of providing a safe and effective transportation system. No matter the challenge—whether responding quickly to safety hazards, using our resources wisely and effectively, or improving customer service and outreach—WYDOT works together to rise to the occasion.

Safety—for our employees, our travelers, and our infrastructure—is always the top priority and at the forefront of everything we do. For our employees, programs such as Employee Safety, Procurement, and Training provide equipment, resources, and instruction so that employees can do their jobs safely and successfully. For the traveling public, our Technology Division uses tools including dynamic messaging signs, the 511 app, and others to provide updates on road condition, construction, and other information that assists travelers in planning and executing safe trips. WYDOT also continues to expand the WyoLink system to promote reliable, vital public safety commu-

nications that save lives. Wyoming Highway Patrol works on the frontlines to secure safe roads by assisting motorists, intercepting reckless drivers, and educating the public about the importance of wearing seatbelts and the dangers of distracted driving.

For our roads, WYDOT's engineering programs strategically select, plan, and design projects that promote and improve our transportation system's safety using the funds available. For example, the Dry Piney wildlife crossings project, for which WYDOT applied and received grant funding along with generous contributions from the Wyoming Game and Fish Department, the Greater Yellowstone Coalition, and other private individuals, is a valuable safety improvement that will decrease vehicle-wildlife collisions and improve protection of travelers and migrating animals. Additionally, construction and traffic crews tirelessly upgrade our roads with bridge and pavement rehabilitations, striping, and other crucial projects that promote a safer, smoother ride. When bad weather or other hazards strike, equipment crews make sure equipment is prepared, so maintenance teams may use it to respond swiftly.

Though the agency must work with limited resources to address our transportation system's growing needs, our dedicated programs work to use every dollar efficiently and effectively—from engineering teams selecting cost-effective, high-benefit projects to the Office Services Program saving on postage with presort jobs. Our Financial Division also works to ensure we are good stewards of our resources and we handle our funds transparently and responsibly.

At WYDOT, we constantly strive to improve our customer service and outreach. Our Support Services Division houses programs, such as Driver's Services and Motor Vehicle Services, that interact with and serve our customers every day. Other programs, like Civil Rights and Planning along with our Aeronautics Division, work with localities to award funding for a range of projects, from multi-use pathways to local airport enhancements, that help our cities and towns achieve a more connected and flexible transportation system that leaves no one behind. Public Affairs personnel and public involvement specialists are also a vital piece in telling our story and keeping the public informed with consistent outreach through publications, press releases, and social media. At WYDOT, everyone contributes.

Through employee work groups created this year in response to the employee and customer satisfaction surveys, I plan to move WYDOT forward and further empower our WYDOT family—our most valued asset. As we further improve our agency, we will continue to care for all aspects of our valuable transportation system, which connects us to jobs, recreation, and each other. So come wind, rain, or snow, WYDOT will work to keep Wyoming moving through excellence in transportation.

### **Director's Office**

**Civil Rights** made considerable progress prioritizing the Americans with Disabilities Act (ADA) in design and planning discussions and exceeded the 4.78 percent annual Disadvantaged Business Enterprise goal, with actual accomplishments around 6 percent.

**Internal Review (IR)** provided critical compliance, risk mitigation, and efficiency improvement informa-

tion to WYDOT management. IR worked with external auditors to complete the annual 2 CFR 200 Single Audit, completed performance reviews on cash funds statewide, and reviewed local entity audit reports ensuring compliance

reports ensuring compliance with federal regulations. IR also conducted risk assessments to determine if consultants have appropriate

Management Services participated in American Association of State Highway and Transportation Officials (AASHTO) reauthorization efforts and state legislative activities including interim presentation

controls in place before engaging with WYDOT.

preparation for the Joint Transportation and Military Affairs Committee, and I-80 tolling and wildlife crossing testimony. The program also implemented a new policy revision process; issued 23 internal policies; filed a series of federal docket comments on the agency's behalf; prepared and submitted 11 federal grant applications; and reviewed and edited various manuals, presentations, documents, and publications.

### **EXCELLENCE IN TRANSPORTATION**

Management Services helped prepare Director Reiner's testimony on highway infrastructure for the U.S. Senate Environment and Public Works Committee.

### Public Affairs Office (PAO)

kept the public and employees informed on road projects and conditions, employee updates, and other travel information maintaining agency transparency. PAO also communicated

vital information on winter storms and road closures through press releases, social media, and website posts. PAO produced the *Wyoming Roadwork Guide*, monthly *Interchange*, 52 weekly video news releases, and other significant publications.

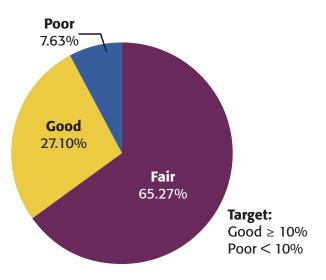
### **Engineering and Planning**

**Bridge** contracted 60 projects totaling \$42.3 million in bridge work, including 48 rehabilitations, 8 replacements, 21 RC box culverts, 2 damage flood repairs, 3 retaining walls, and 3 miscellaneous structures. Inspectors completed 1,393 inspections: 418 off-system and 975 on-system, 72 underwater, 9 initial, 31 fracture critical, 11 overhead sign structures, 93 high mast light towers, and 8 for damage. Bridge reviewed 142 sets of shop drawings, processed 802 overweight load permits, and completed 116 bridge load ratings. Additionally, Bridge developed details for the *AASHTO Manual for Assessing Safety Hardware* or MASH-compliant steel bridge railings.

### **EXCELLENCE IN TRANSPORTATION**

Bridge reduced bridge deck area classified as poor, exceeding FHWA performance targets.

### Condition of Bridges on the State Highway System Total Number of Bridges: 1,960



Contracts and Estimates (C&E) oversaw 91 highway contract awards (74 federal and 17 state funded), totaling \$312.8 million, with 80 percent of contracts awarded to Wyoming bidders. The average number of bidders per project was three.

**Geology** recommended mitigation for six rockfall events and completed remediation of one slide along WYO 296 through an emergency contract. Geology provided support during 24 construction projects, completed 579 test holes, drilled 12,193 feet for subsurface investigation, and trained District 5 foremen

on slope safety assessments. The geotechnical foundation lab tested 775 soil samples, 135 specific soil tests, and 53 geotextile samples.

EXCELLENCE IN TRANSPORTATION

Consultant Services issued twice as many consultant contracts as last year.

decks, and completed 9 Falling Weight Deflectometer jobs. Materials also used latex modified concrete on five bridge deck overlay projects.

#### **Highway Development**

*Design* completed 91 highway projects totaling \$315 million.

Design Support began migrating the agency computer-aided design and drafting or CADD standards to the next generation of road design software and evaluated compatible bridge modules.

Standards authored Chapter 9, Semi-rigid Barriers, of the AASHTO Roadside Design Guide.

Consultant Services issued 22 new consultant

contracts, totaling approximately \$8 million, and processed 879 payments on 90 agreements with 60 firms.

### EXCELLENCE IN TRANSPORTATION

Utilities saved \$22,000 in processing costs with a new online utility permitting system.

Utilities implemented an online

utility permitting system, worked on 104 design projects, and processed over 407 utility permits.

*Photogrammetry and Survey (P&S)* collected survey data on 9 urban projects, 14 rural projects, 4 bridge projects, 3 landslides, and 4 pits/quarries and administered 7 consultant surveying contracts. P&S also compiled mapping for 31 projects, completed 115 mapping updates, and provided ortho imagery for 19 projects. P&S flew 63 locations including 19 projects, 35 landslides, and systems photography for 5 counties.

Materials evaluated 50 asphalt mix designs, 46 aggre-

#### Planning

Environmental Services (ES) prepared National Environmental Policy Act (NEPA) documents for 64 projects; implemented project re-evaluations ensuring NEPA compliance; and incorporated Geographic Information System (GIS) data into NEPA documents providing better visual context. ES provided guidance to the WyoLink project, coordinated with District 3 for the WYO 22/390 bridge replacement, and participated in the I-25/I-80 interchange project. Additionally, ES received concurrence of wetland release from the US Army Corps of Engineers on six migration sites.

> Local Government Coor*dination (LGC)* continued as a liaison to the Wyoming County Commissioners Association, the Wyoming Asso-

ciation of Municipalities, and the State Lands Investment Board. LGC also awarded and managed projects through numerous pass-through programs.

Programming continued work on modernizing and geo-locating maps, obtained Federal Highway Administration (FHWA) approval on the annual asset management consistency review, produced and updated the Statewide Transportation Improvement Program (STIP), and reported STIP performance measures. The Research Center continued to produce high-benefit, award-winning research and is nationally recognized

### cylinders. Pavement Management System roadway crews collected 982 core samples, evaluated 51 bridge

www.dot.state.wy.us



binder/emulsions, and approximately 4,000 concrete

for copyright language and intellectual property rights.

Systems Planning administered funding, studies, and related functions for metropolitan planning organizations and urban system programs; assisted with planning studies in four communities; completed field

assessment for various rail projects; and collected statewide traffic count data for the online Vehicle Miles Book. Systems Planning also completed field

### EXCELLENCE IN TRANSPORTATION

ROW generated \$24,924 in lease revenue.

assessments for various rail projects, implemented a quiet zone in Ft. Laramie, and participated in the Front Range Passenger Rail Initiative.

**Program Performance** aligned WYDOT goals and mission with the Governor's strategic initiatives and worked closely with the Governor's office on the state government annual report. Program Performance

worked with executive staff to develop a strategic plan defining agency direction. The program assisted in letting 111 projects, placing 78 on the shelf for the future, and facilitated over 100 project meetings and work plan reviews, exceeding STIP goals.

### Right of Way (ROW)

acquired 182 landowner parcels on 32 different highway construction projects statewide. The land surveyor

managed seven land surveys through preliminary completion, with consultant fees equaling just under \$270,000. ROW also processed 5 new outdoor advertising permits and revoked 35 old permits, totaling 2,033 permitted signs. ROW currently monitors 49 junkyards sites.

### Operations

#### **District 1**

Construction oversaw about \$57 million in road construction projects of which 50 percent was used for interstate and bridge rehabilitation. Construction also worked on a future I-80/I-25 interchange improvement project.

**District 3** 

Traffic contributed to safety improvements at US 30/

Whitney Road in Cheyenne by striping new decal lanes, relocating intersection lighting, and installing advanced warning flashing beacons.

*Maintenance* worked to keep roads safe despite harsh winter conditions, resulting in the district's highest snow control budget in five years.

### **District 2**

Construction completed several overlays on I-25 and numerous bridge rehabilitation projects.

Traffic concentrated on signing, striping, and electrical repairs. Traffic experienced increased access permit applications, many resulting from a new energy development along WYO 59.

### EXCELLENCE IN TRANSPORTATION

District 1 developed plans for the I-80 Winter Freight Project between Rawlins and Laramie.

District 2 technicians performed 1,885 preventive maintenance inspections to reduce equipment down time.

District 3 completed surfacing, full-depth reclamation, bridge replacements, precast retaining walls, and wildlife crossings on Hoback Junction-Jackson South.

Maintenance produced 8,988 tons of hot mix from WYDOT's plant and purchased 12,637 tons of commercial hot mix, placing a total of 21,625 tons.

*Equipment* serviced 828 pieces of equipment.

Construction oversaw the construction of 15 proj-

ects exceeding \$120 million. Crews completed a slab lifting project in Uinta County; surfacing, full depth reclamation, and bridge replacements on WYO 238; and I-80 overlays, bridge rehabilitations, and contract patching.

Traffic issued 23 access permits.

Equipment prepared equipment for winter maintenance.

### **District** 4

*Construction* oversaw the construction of 33 projects, totaling \$65.9 million. Work included progress on Garner Lake Road Phase 2 in Gillette.

Traffic upgraded detection mechanisms on all inter-

sections in Gillette and continued to analyze high crash locations and propose treatments.

*Maintenance* reacted quickly during the White Cross slide and repaired the Moorcroft Rest Area after flooding, severe erosion on WYO 585, and sinkholes on WYO 116 and US 16. Crews placed 28,896 tons of hot mix asphalt.

*Equipment* repaired snow removal equipment and combated equipment corrosion from chemical exposure. Shops completed annual inspections and repairs.

#### **District 5**

*Construction* oversaw the construction of 27 projects, totaling \$45 million. Crews completed North Federal Boulevard (US 26/WYO 789) in Riverton, work on Ethete South (WYO 132), and emergency work on Chief Joseph Scenic Highway (WYO 296)

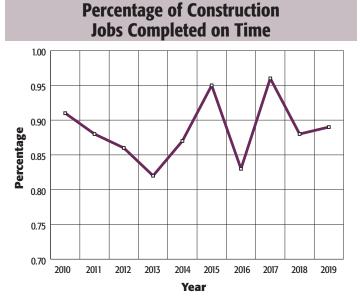
*Traffic* upgraded detection and communication systems at select traffic signal locations. Rural and urban striping crews completed striping and pavement marking programs.

*Maintenance* placed 5,200 tons of warm-mix asphalt, 2,750 tons of cold-mix asphalt, and completed nearly 85 miles of chip

### **EXCELLENCE IN TRANSPORTATION**

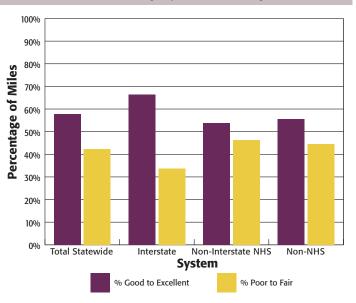
District 4 Maintenance in Sheridan and Johnson counties produced material inhouse saving \$40,000.

District 5 Traffic collaborated with the Game and Fish Department to set up new digital messaging signs warning motorists about wildlife crossings.



#### Statewide Highway System Pavement Conditions

(Includes all surfacing improvements through 2019)



sealing.

**Construction** prequalified 216 prime contractors, processed and approved 711 subcontracts, reviewed 395 bid envelope submittals, and assisted in developing 256 special provisions. Construction also held joint AGC/ WYDOT COOP meetings for highway and traffic control committees.

Equipment purchased 244 pieces of equipment totaling over \$1.3 million, including a Vogele asphalt paver, 28 Caterpillar 930 articulated wheel loaders with 3-yard buckets, 1 Caterpillar 938M articulated wheel loader with a 4-yard bucket, and 1 Caterpillar 12M3 road grader—all purchased via the guaranteed buyback program.

**Employee Safety**, collaborating with district safety committees, continued Job Safety Analysis (JSA) to identify work-related hazards. Employee Safety also processed 1,093 clothing reimbursements supporting WYDOT employees working in hazardous conditions.

#### **Facilities Management**

completed 800 call-in service requests and responded to approximately 3,000 preventative maintenance and 2,000

project ticket requests. Major projects included several building renovations; insulating the Sign Shop; replacing crushed, fine paths at the Southeast Welcome Center to make them ADA compliant; repairing the Maintenance Shop/Roundhouse roof; and continuing the Arc Flash project.

The **Highway Safety Improvement Program (HSIP)** provided safety improvement funding, including for the High Risk Rural Roads Program, and updated the

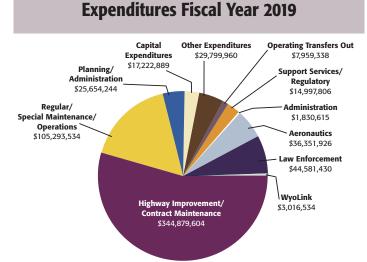
Safety Management System to evaluate intersection safety improvements.

Data Records Analysis provided crash data to safety partners.

The *Highway Safety Office* expended \$4.9 million in federal grant funds to reduce traffic crashes, fatalities, and injuries through outreach, education, and enforcement.

The *Motorcycle Safety Program (MSP)* trained over 800 students statewide.

**Maintenance** trainers provided over 10,000 hours of commercial driver's license (CDL), on-site equipment, and Occupational Safety and Health Administration or OSHA-required training and testing. Maintenance



\* The COVID-19 pandemic is expected to reduce the revenues and expenditures for FY 2020.

Wyoming Traffic Fatalities

also provided statewide Agile Assets support and snow fence location studies and repair and responded to public information requests.

### Traffic

*Electrical Operations* assisted in statewide work on traffic signals, lighting, and converting electrical asset records to electronic format.

Electrical Design completed 26 statewide projects,

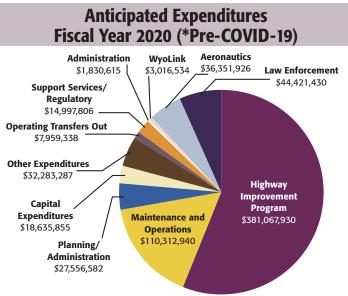
totaling \$9.5 million, and produced design plans for Intelligent Transportation Systems (ITS) and traffic devices.

Signing and Traffic Control Design completed 111 projects for contract bid letting.

Geometrics, Markings, and Studies executed purchasing contracts for 341,565 gallons of paint and 2.61 million pounds of glass beads for striping and collected turning move-

ment counts at 163 intersections and speed data for 30 highway locations.

The *Sign Shop* fabricated 17,092 signs totaling 50,656 square feet.



WYDOT 2019 Annual Report

### Finance

**Budget** coordinated and compiled WYDOT's FY 2020 operating budget and updated the annual budget presentation. Budget also allocated agency resources,

managed budgeted revenue and expenditure, and maintained available funding. The program reported budget data to the state, FHWA, and the US Office of Management and Budget.

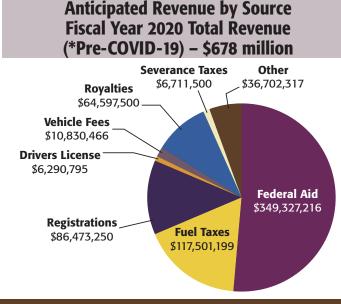
### **EXCELLENCE IN TRANSPORTATION**

The Fuel Tax Program collected \$117.2 million in fuel taxes during the year.

The *Projects Section* worked with FHWA and internal programs to successfully obligate the full limitation under the Fixing America's Surface Transportation Act, according to the guidelines.

**Financial Services** accounted for and reported \$650.9 million in FY 2019 revenue with expenditures of \$637.7 million; \$5.8 billion in WYDOT highway, bridge, and communication infrastructure assets; \$190 million in agency capital assets; and \$27.5 million in inventories. Financial Services also prepared financial statements reporting complete costs of preserving, improving, and enhancing the safety of Wyoming's multi-modal transportation systems.

**Fuel Tax** administered motor fuel tax laws, accurately collected taxes, and distributed revenue used to preserve and enhance Wyoming's transportation system. Taxes are collected from distributors on all types of combustible gases and liquids used to operate motor vehicles.



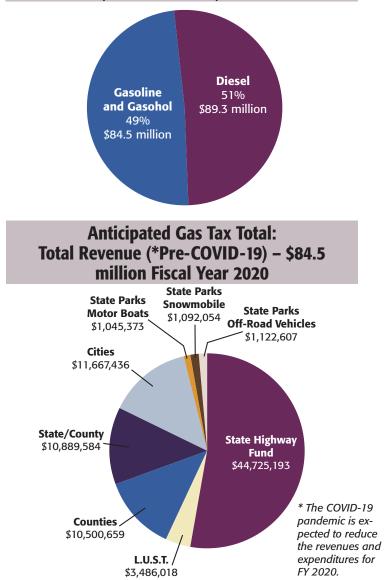
Distributors then pass taxes on to retail consumers.

**Grants and Contracts Policy** worked with the Attorney General (AG) to ensure WYDOT contracts were

submitted in the Cobblestone system for AG review. The program oversaw 33 work groups and submitted 1,199 documents for review. Further, Grants and Contracts part-

nered with FHWA to provide internal and external training covering grant management, CFR, and federal-aid topics.

#### Anticipated Gas Tax Total Receipts Fiscal Year 2020 (\*Pre-COVID-19) – \$173.8 million



**Procurement Services** solicited 361 competitive bids for purchasing equipment, materials, supplies, services, and public works; issued 3,145 purchase orders totaling \$65.7 million; issued 146 blanket purchase orders totaling \$14.8 million; and brought in \$489,8792 in revenue though surplus property sales. Procurement also completed a Computerized Maintenance Management System contract for enhanced facility asset management and work order solutions.

### **Anticipated Special Funds** Diesel Tax Total (\*Pre-COVID-19) - Total Revenue \$89.3 million Fiscal Year 2020 Cities \$4,072,336 Counties \$16,289,347

State Highway \$6,914,770 Fund \$61,085,050 Administration \$931,229 \* The COVID-19 pandemic is expected to reduce the revenues and expenditures for FY 2020.

L.U.S.T.

### Technology

Geographic Information Systems/Intelligent Transportation Systems (GIS/ITS) continued to improve WYDOT Authorized Travel and roadside management operations, began a roads and highways project

for linear reference system modernization, and conducted acceptance testing for the I-80 Connected Vehicle Pilot Study.

#### Information Technology (IT)

collaborated with the state's **Enterprise Technology Services** Department migrating the state

mainframe to a hosted data center. IT deployed a total of 341 computer systems, established security enhancements, and provided technical support and training. IT also updated data circuits to increase efficiency and supported plans and policies for centralized data.

### EXCELLENCE IN TRANSPORTATION

Telecommunications coordinated with the Wyoming Office of Homeland Security and the Wyoming National Guard to expand the high-frequency, back-up communication system.

and converted 1,600 phones. The program completed various projects in District 3 to provide communications, covering 100 highway miles, for remote weather stations, web cameras, and dynamic message and variable speed limit signs. Technicians upgraded 900 WyoLink radio

site batteries and 100 agency cellular modems and installed and supported infrastructure for connected vehicles.

Telecommunications installed hardware for an

alternate microwave data link between Casper and

Cheyenne, migrated the WYDOT telephone system,

### **Support Services**

**Compliance & Investigation** provided various training to county officials, law enforcement, and vehicle dealers covering new vehicle dealers; vehicle identification numbers (VIN), titles, and registrations; Peace Officer Standards Training or POST-certified VIN fraud;

and ETag Online Temporary Registration Permit System. Compliance also inspected 18 service centers for adherence to ignition interlock device installation and service laws and rules and regulations.

**Driver Services** completed about 215,000 transactions and processed about 50,000 citations. Driver Services added the Medic Alert symbol to driver licenses and

identification cards; adjusted the validity period of licenses from four to five years; and made statutory changes toward mandatory ignition interlock requirements and compliance.

### Human Resources (HR)

converted all job descriptions to electronic format, started transitioning to electronic signatures, and

implemented an electronic wage analysis system and a department compensation policy. HR also revised the new hire onboarding process and classified over 2,000 positions.

### Motor Vehicle Services (MVS)

*Titles, Plates, and Registration* personnel transferred 1.2 million vehicle registrations and title transactions to the state mainframe and issued 600 licenses.

*License Plate Production* produced and distributed 222,000 license plates, 1.97 million validation stickers, and 69,700 decals.

*International Registration Plan (IRP)* services 1,175 carriers and collected \$66 million in registration fees.

*International Fuel Tax Agreement (IFTA)* staff services 1,184 carriers and collected \$3.9 million in fees.

### **Office Services**

*Mailing Services* shipped 308,030 pieces of mail and packages, of which 231,550 were folded and inserted.

Printing produced over 4 million standard and over-

### EXCELLENCE IN TRANSPORTATION

Driver Services reported 438,284 Wyoming licensed drivers; 32,184 CDL and/or commercial learners permit carriers; and about 12,250 drivers renewing through the mail. sized copies; notable reproductions include the agency annual report, Life R U Ready, STIP books, and the monthly *Interchange*.

The *Record Section* scanned 120,704 documents for exter-

nal and internal customers, received and filed 8,227 records, produced 4,439 hardcopy prints from micro-film, and entered 139 "as constructed" roadway plans

### **EXCELLENCE IN TRANSPORTATION**

HR reported WYDOT had an annual turnover rate of 14% compared to a 16% statewide average.

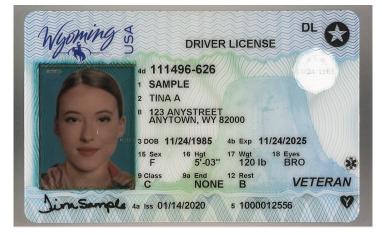
into the Falcon System. The research and analysis technician scanned and electronically sent out 2,254 images. Central Files closed out 953 accounting packs for Financial Services. Office Services

destroyed 144 closed project boxes, which had met their retention schedule completion date.

Training Services updated WYDOT's Talent Devel-

### **EXCELLENCE IN TRANSPORTATION**

On Training Services' post-training evaluations, employees reported improved behaviors related to the training topic at a 3.85 on a 5-point scale. opment Strategy, launched the Required Maintenance Vocational Learning Plan, and introduced Know WY: New Employee Onboarding. Content and instructor effectiveness were highly rated.



### **Highway Patrol**

Wyoming Highway Patrol (WHP) troopers patrolled Wyoming highways and enforced state statutes including providing protective services for the Governor, the first family, and elected officials. Patrol officers initiated 109,229 traffic stops, issued 52,128 driving citations and 61,039 warnings for traffic violations and faulty equipment, addressed 2,417 abandoned vehicles, responded to 7,717 vehicle crashes, and arrested 1,304 impaired drivers. WHP was involved in 185 felony and

815 misdemeanor drug cases, seizing approximately 7,597 pounds of illegal substances. WHP instructed 118 defensive driving classes.

The **Dispatch Center** fielded 187,087 events and received 10,061 towing calls.

Port of Entry (POE) contacted over 1.3 million commercial vehicles and weighed 513,331 (finding 43,649 overweight). Mobile Education Enforcement teams inspected 5,121 commercial vehicles and found 1,074 out-of-service violations.

### **Aeronautics**

Air Service Development funded six air service agreements, totaling \$3.47 million, and implemented full-service flights out of Cheyenne to Dallas-Fort

Worth, Texas. Air Service Development also transitioned Rock Springs and Gillette's air service to the CPA for stabilization and growth.

### **Engineering and Construction**

oversaw 41 construction and equipment acquisition projects, 20 projects to maintain navigational aids, 12 aviation encouragement projects, and 7 marketing proj-

ects. The program continued work on a statewide GIS-based airport pavement management plan and maintained the state's network of mountain weather stations.

Flight Operations transported

2,400 passengers, flew 760 flights and 480 flight hours, and covered 160,400 miles (about 90 percent of which

were in-state). Flight Operations saved \$40,000 by planning and flying efficient profiles.

### EXCELLENCE IN TRANSPORTATION

Engineering and Construction administered *\$3 million in airport pavement* maintenance, saving an estimated \$750,000.

EXCELLENCE IN TRANSPORTATION

Planning and Programming administered

\$42.1 million in airport improvement funds

- \$8.1 million state funds and \$34 million

federal funds.

Planning and Programming oversaw the initial development and implementation of the BlackCat Aviation Data Management System and completed two airport-level projects. The program admin-

istered the Wyoming Aeronautics Commission Loan Program and also developed the Wyoming Aviation Capital Improvement Plan.

#### **Unmanned Aircraft Systems**

(UAS) department task force identified possible opportunities within WYDOT for UAS deployment to increase employee safety and productivity and decrease taxpayer

costs. UAS also provided education and implementation guidance.

### EXCELLENCE IN TRANSPORTATION

Troopers taught over 300 safety presentations at schools, businesses, fairs, and safety events.

WYDOT 2019 Annual Report



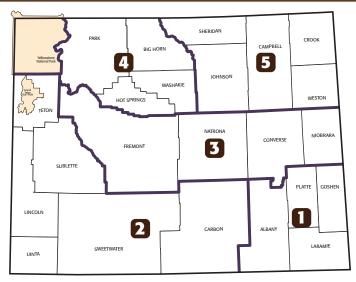
### Commissions

The **Aeronautics Commission** is comprised of Governor-appointed representatives who meet to fulfill their duties including administering airport improvement projects, approving grants to Wyoming airports, encouraging travelers to use Wyoming airports, and supporting fly-ins and air shows across the state each summer.

The Public Safety Communications Commission

(PSCC) is comprised of Governor-appointed representatives from public safety agencies, professional associations, and state agencies who meet to fulfill duties including recommending strategies to improve Wyoming's wireless interoperability, determining WyoLink network standards, identifying and creating short-term and long-term technological and policy solutions to develop and implement WyoLink, and providing recommendations for legislation or other state action to promote wireless interoperability in Wyoming.

The **Transportation Commission** is comprised of Governor-appointed members who meet monthly to fulfill their duties including adopting rules and regulations, overseeing policy, revising department budgets, and awarding contracts for any improvements undertaken with monies from the State Highway Fund.



The Aeronautics Commission is comprised of five districts overseen by seven commissioners.

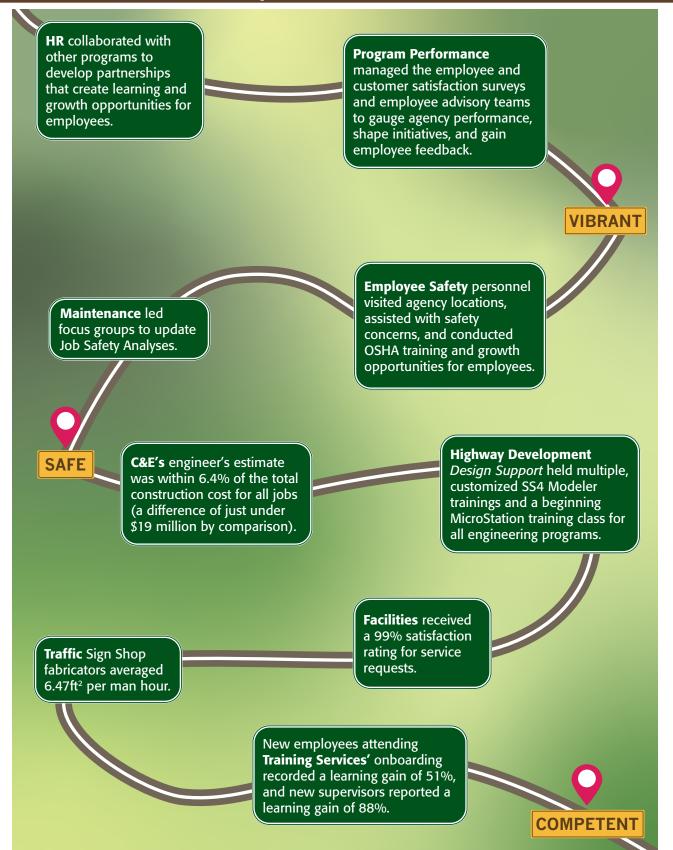


The Transportation Commission is comprised of seven districts overseen by seven commissioners.

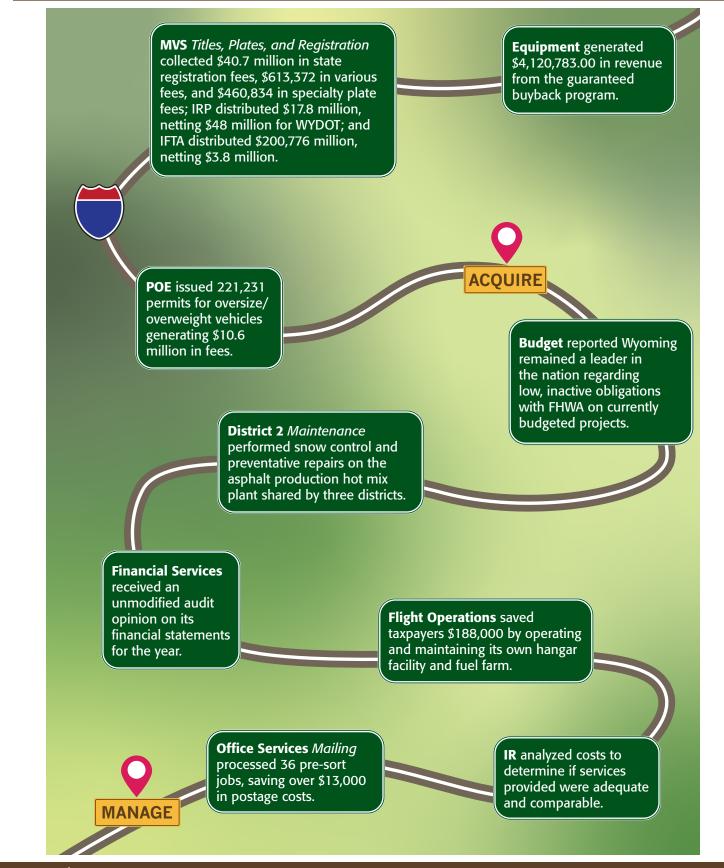
#### GOALS

The following section shows a GOALS road map demonstrating how the actions every WYDOT district and program are taking today become important way points on the road to meeting the agency's new goals.

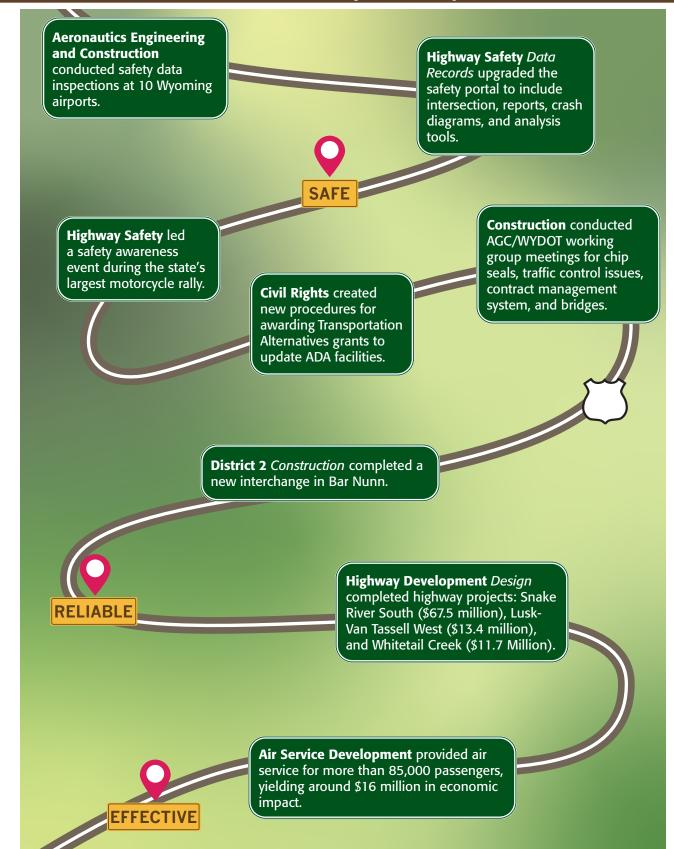
### Ensure a Vibrant, Safe, and Competent Workforce

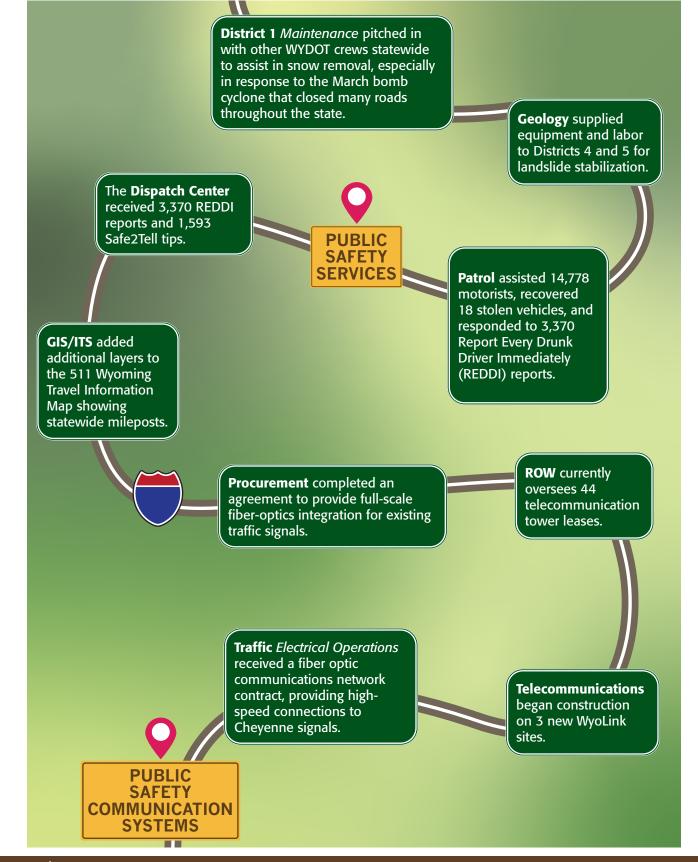


### Acquire and Responsibly Manage Resources



### Provide Safe, Reliable, and Effective Transportation Systems





**Provide Essential Public Safety Services and Effective Communication Systems** 

### **Create and Enhance Partnerships with Transportation Stakeholders**

**Office Services** *Records'* Central Files managed 765 new WYDOT agreements and contracts and maintained, disbursed, and collected 425 current agreements.

**CREATE** 

**District 1** *Construction* coordinated with F.E. Warren Air Force Base to improve safety and traffic flow for Gate 2, following the permanent closure of Gate 1.

**District 3** *Maintenance* worked with the US Forest Service to find solutions for safety improvements on Teton Pass (WYO 22) and methods reducing unplanned avalanche delays.

Budget assisted internal and external auditors.

**Compliance** investigators received a 98.6% overall satisfaction rating for training they conducted.

**Planning's** Environmental Services Section collaborated on research evaluations for roadside vegetation and wildlife crossing locations and use.

**ENHANCE** 

**District 5** completed Highway Safety grant/ marketing program on the Wind River Reservation to encourage seat belt use and discourage drunk driving.

Aeronautics Planning and Programming provided airport improvement grants for 90 projects in 30 airports.

### **Encourage and Support Innovation**

**Bridge** has 4 active research projects involving seismic bridge design, load testing of driven piling, I-80 truckloads and load effects, and evaluation of high mast light towers.

**District 4** *Traffic* partnered with the City of Sheridan to implement and test a new lane configuration for Main Street.

**Materials** designed the first recycled asphalt pavement chip seal project on WYO 372 and applied the first scrub seal on WYO 434.

**ENCOURAGE** 

IT implemented a new internal eCitiations system for WHP and a modernized driver's license card system for Driver Services.

**SUPPORT** 

**MVS** *IRP* implemented a new quarterly staggered registration system to eliminate plates expiring on December 31st and allow for online renewal.

**District 3** *Traffic* upgraded 4 signs on WYO 530 to solar flashing beacons with remote activation.

The **UAS** program advocated for the safe integration of UAS into the National Airspace System. **Planning** Systems Planning began developing an electric vehicle charging station build-out plan along interstate corridors.

### Preserve Our History and Heritage

**District 4** quickly responded to emergencies including soilnail projects on Chief Joseph Highway, flash flooding on Pat O'Hara bridge, and snow removal assistance in other districts.

#### Driver Services is

redesigning driver's license and identification cards with additional security features. In 2020, expect a rollout of WYDOT's first safety motto "Safety starts with you: lead the way, be safe today" and new logo encompassing WYDOT heritage.

**District 5** *Traffic* installed Medal of Honor and Wild Horse Highway signs. Grants and Contracts Policy coordinated with community members to produce agreements for \$125,000 in donations for wildlife crossing improvements.

**PAO** partnered with the Governor's office and other stakeholders to share stories for the Dry Piney Wildlife Crossing.

> **Management Services** prepared and submitted Better Utilizing Investments to Leverage Development grant applications, yielding \$14.5 million for the Dry Piney Wildlife Crossings and Habitat Connectivity initiative.







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