

WYOMING

DEPARTMENT OF TRANSPORTATION



2020 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	7
Operations	12
Finance	16
Support Services	17
Technology	20
Aeronautics	21
Highway Patrol	22
Commissions	23

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
2020 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

Reflecting on this challenging year, I absolutely have to commend the Wyoming Department of Transportation (WYDOT) for its continued commitment to safe, reliable, and effective transportation under all conditions and at all times. Human safety was at the forefront for everyone on the planet in 2020, and I thank WYDOT and everyone there for all their work keeping people safe, whether it was during an historic snowstorm or related to the global pandemic.

WYDOT's focus is diverse; more than just roads and bridges, it encompasses traffic enforcement, air travel, safety communications, and transportation technology. All of these areas have been impacted over the past year due to the COVID-19 pandemic. This past year, WYDOT rendered exceptional assistance to the Wyoming Office of Homeland Security and the Department of Health by facilitating statewide convoys to transport COVID-19 tests. These convoys literally helped save lives. WYDOT employees also helped make sure supplies reached local entities to conduct tests. That is the Wyoming

way. WYDOT stepped up to this challenge, and the entire state thanks you.

Air travel experienced an unprecedented drop in 2020. That didn't phase WYDOT. Stepping forward, working with local community partners, WYDOT was proactive in adjusting airline schedules to match demand while still providing critical and much needed air service. In fact, Wyoming was able to regain more passenger traffic than any other state as more people sought our wide open spaces. Sheridan County Airport and Central Wyoming Airport in Riverton were the only two airports in the contiguous U.S. to gain passenger traffic in 2020 when measured by Transportation Security Administration passenger counts. WYDOT was able to use a portion of the Coronavirus Aid, Relief, and Economic Security Act (CARES) funds received by the state to help offset the effects the pandemic had on air service provided through the Capacity Purchase Agreement. Again, I would like to thank you for a job well done.

As always, highway 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. It wasn't always easy but courage rarely is. I want to recognize 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; plow drivers who reopened roads and kept them safe; 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.

Unfortunately, despite this emphasis on safety, 128 fatalities—of which 37 involved impaired driving—occurred on our roads this year. That fact is sobering, still, on a positive note the driving under the influence (DUI) fatality rate actually dropped a bit. As in 2019, Wyoming residents continue to 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 staying informed of road conditions, keeping their eyes on the road and off other distractions, and buckling up.

To end on a high note, I am pleased that WYDOT continued to produce projects efficiently and effectively. The agency completed most construction jobs on time despite COVID-19 challenges. Congratulations WYDOT! I look forward to even more good news next year.

Message from Director Reiner



Director Luke Reiner

I am extremely grateful to all Wyoming Department of Transportation (WYDOT) employees for staying mission-focused through an unpredictable, stressful, and altogether unprecedented year. While facing the many challenges brought on by the COVID-19 pandemic, forest fires and inclement weather, and continuing financial pressures, you stepped up and remained responsive, adaptable, and dedicated to maintaining Wyoming's transportation system for the benefit of its many users.

When faced with a year of new and persistent challenges, our agency met the moment by responding swiftly and decisively. Communication and coordination played a significant role in agency responsiveness and success. Along with maintaining normal agency communications, our Public Affairs Program and district public relations specialists sent out frequent and informative COVID-19 safety guidance and situation updates to keep employees and the public safe and informed. Importantly, the Financial Division tracked

and projected financial impacts to the department caused by the pandemic and other factors, which helped us strategize for an uncertain future. Our Technology Division was essential to WYDOT's pandemic response by working tirelessly to securely transition employees to telework while providing excellent customer service. These are just some examples of how employees continually responded to both normal and unexpected duties – remaining flexible, prepared, and focused on safety and customer service.

WYDOT workers also proved their resilience and adaptability during a year that forced us to change our routines and find new ways to do our jobs. As employees across WYDOT transitioned to telework, some remained to serve the public in person. From staggered shifts to Plexiglas barriers, those who remained in the office, such as Driver's Services and Motor Vehicle Services, adjusted to changing work environments while helping customers navigate safety protocols and changing processes. Aeronautics adjusted to a turbulent year of initial growth followed by rapid declines in passenger numbers while finding ways to operate under the new normal. Engineering and Planning programs ensured projects kept advancing while taking precautions, like online bid lettings and public meetings. Notably, our Materials Program even adapted its expertise to making hand sanitizer for WYDOT and statewide use – demonstrating that above all, WYDOT is an innovative and safety-focused public service agency.

As I have noted before, the dedication of our workforce continually impresses me. WYDOT teams go above and beyond their normal duties to improve the quality of life for Wyoming residents. A perfect example of this dedication is the supply relays that the Maintenance Program and district crews participated in with the Wyoming Department of Health to deliver vital COVID-19 personal protective equipment, test kits, and test vials statewide to counties, hospitals, and the state lab. Meanwhile district crews continued to keep equipment running, advance construction projects, and clear roads. The Wyoming Highway Patrol worked to keep motorists safe while also working with the districts to respond to emergencies beyond the pandemic, like the Mullen Fire.

With a tough year behind us, I look forward to working with all of you as we look to tackle new challenges and continue to find ways to achieve a safe, reliable transportation system.

Program Overviews

Director's Office

Civil Rights provided policy development, guidance, and regulatory assistance for WYDOT and others regarding the following programs: Title VI, Prevailing Wage, Americans with Disabilities Act (ADA), internal and external Equal Employment Opportunity requirements, Disadvantaged Business Enterprise (DBE), and Federal Contractor Compliance. To assist with updating ADA facilities, new procedures for awarding Transportation Alternatives (TA) grants were implemented. Civil Rights also solicited minority- and women-owned firms to participate in WYDOT's DBE Program with a 7.1 percent annual DBE accomplishment, which exceeded the 4.78 percent annual DBE goal.

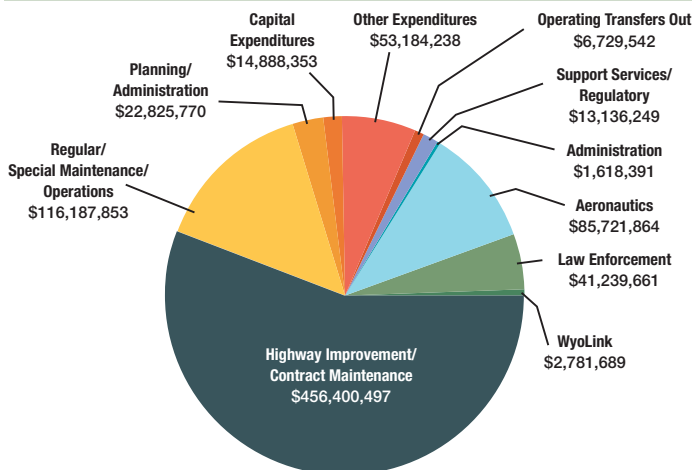
Internal Review (IR) contributed to responsibly managing agency resources through reviewing agency efficiency and effectiveness, mitigating risk, and ensuring compliance. Specifically, IR analyzed various costs to determine if WYDOT is providing services at an adequate and comparable rate, conducted consultant risk assessments to ensure appropriate controls were in place before consultants contracted with WYDOT, and completed numerous cash fund performance audits remotely. Further, IR monitored and reviewed sub-recipient audit reports to ensure compliance with federal regulations and provided information to external auditors to complete the annual 2 CFR 200 Single Audit.

Management Services analyzed and participated in American Association of State Highway Transportation Officials (AASHTO) efforts to acquire COVID-19 financial relief from Congress for state DOTs, collaborated with state partners on advancing rural state policy priorities, and continued to work with Congressional staff on reauthorization. The program also provided

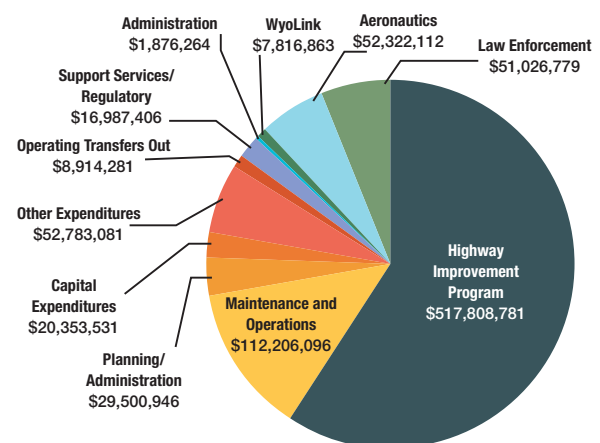
support for state legislative activities during the legislative interim. Management Services prepared and submitted six grant applications resulting in \$118,800 in Traffic Injury Research Foundation (TIRF) funds received to create a centralized data system for the WYDOT Alcohol Ignition Interlock Program and over \$4.2 million in Bus and Bus Facilities funds received for the University of Wyoming (UW) as part of the combined state application. The program also issued 24 internal policies and rescinded 10; worked on rule promulgations for Oversize and Overweight Loads, Driver's Licenses, and Motor Carriers; prepared and presented the bi-weekly Staff Call presentation; and reviewed and edited various agency presentations, publications, and documents – including the agency annual report.

Public Affairs Office (PAO) devoted considerable effort to handling COVID-19 communications by informing employees and the public about impacts on daily activities through emails, website and social media postings, videos, graphics, news releases, and other outreach efforts. PAO kept current with the Road Usage Charge and Transportation Needs Study efforts; informed the public about several rest area closures and WYDOT's strict implementation and adherence to the Snow Plow Priority Plan; and worked with executive staff to keep the public informed about road projects and conditions and other travel information. Additionally, PAO sent vital internal communications about bimonthly Staff Call meetings, Employee Advisory Teams, and Metric Walk work and produced the monthly *Interchange, Wyoming Road Work Guide*, highway map and safety calendar, posters, social media slide shows, information graphics and brochures, 52 weekly video news releases, and WYDOT Report.

Expenditures Fiscal Year 2020



Anticipated Expenditures Fiscal Year 2021



Engineering and Planning

Bridge let projects totaling over \$23.3 million. The program transitioned to all-electronic document reviews and uploaded all historical bridge inspection data and cost estimates to WYDOT servers. Engineers, technicians, and inspectors ensured minimal disruption to the traveling public in response to the Snake River bridge's (WYO 22 in Wilson) deterioration and subsequent load posting. Engineers worked with district personnel, local businesses, and local government to evaluate the feasibility of crossing the load posted bridge with their equipment while designing a retrofit strategy that repaired the damaged members and allowed for load posting removal. This work was let to contract only two and a half months after the initial finding. Additionally, Bridge reviewed 153 sets of shop drawings, processed 1,136 overweight load permits, and completed 150 bridge load ratings.

BRIDGE INSPECTIONS

- 1,429 Routine Bridge Inspections (478 off-system, 951 on-system)
- 9 Initial Bridge Inspections
- 25 Fracture Critical Inspections
- 98 High-mast Light Towers
- 4 Damage Inspections

Contracts and Estimates (C&E) oversaw the awarding of 77 highway contracts (65 federal and 12 state funded), including many for combined projects, with a \$259.9 million total construction cost. Fifty-eight contracts went to in-state bidders and 19 went to out-of-state bidders (in-state preference did not take effect in any of the state-funded projects). The number of bidders per project was less than the previous year – averaging three bidders per project. The Engineer's Estimate was within 3.2 percent of the total construction cost (just under \$8.6 million difference). C&E continued to work with their developer

CONTRACTS & ESTIMATES LET PROJECTS

- 7 Bridge Replacements
- 79 Bridge Rehabilitations
- 2 RC Box Culverts
- 2 Retaining Walls
- 2 Bridge Widening
- 2 Miscellaneous Structures

to improve the web-based bidding software to reduce report production times and increase accuracy. C&E also continued work with internal and external programs to improve communication, speed, and project delivery while reducing addendums.



Wyoming's state highway system includes nearly 2,000 bridges that WYDOT maintains.

Photo: WYDOT

Program Overviews



Geology – Two new slides impacted WYDOT highways, the largest occurring during the Jackson South-Hoback Junction Reconstruction, which resulted in a significant extra work order. Notably, Geology and District 3 saved \$1 million by identifying and securing a suitable, nearby material source for slide remediation. Geology installed six inclinometers at various sites to help monitor new and existing landslides with 124 other inclinometers monitored statewide. The program also provided construction support for 14 projects, which included technical support for pile driving with dynamic testing, drilled shaft inspection for landslide repair and bridge foundations, rockfall and landslide remediation, and water well construction. Geology also completed the field data collection for the statewide Rock Slope Inventory and Rockfall Hazard Rating System for use in developing remediation strategies and estimating rock fall remediation costs along 16 highway corridors statewide. Information from the inventory will also be placed on WYDOT’s geographic information system (GIS) for users. Drilling crews completed 499 test holes and 10,760 feet of drilling and digging for subsurface investigations. The Geotechnical Foundation Lab tested 1,329 soil samples, a 71 percent increase in samples over fiscal year (FY) 2019; performed 332 specific soil tests; and tested 37 geotextile samples.

Highway Development

Design completed 77 highway projects worth \$259.9 million total and let projects including I-80 Winter Freight, which provides additional climbing lanes on I-80 and two truck parking areas at Fort Steele and Quealy Dome (\$20 million); Rock Springs East (\$20.9 million); and Etna North (\$18.9 million). *Design* also saved \$636,000 resulting from Abbreviated Value Analysis studies.

Design Support continued the Computer-Aided Design and Drafting or CADD standards migration process to the next generation of road design software (Bentley OpenRoads Designer). *Design Support* also cleaned up more than 250 design computers statewide to accommodate a software update to the existing road design software. Additionally, the team held multiple customized SS4 Modeler training classes for Project Development.

Consultant Services updated the *Consultant Services Agreements Procedures Manual* to address new legislation, which requires selecting a resident Wyoming firm for state-funded projects. The section issued 28 new consultant contracts, a 54.6 percent increase of contracts with in-state firms from last year, and executed 80 change orders, a 60 percent increase from last year. Further, WYDOT had

\$7.6 million in total new contracts compared to over \$8.0 million the previous year. *Consultant Services* processed 886 payments on 96 agreements with 68 firms totaling over \$12.5 million – a 63 percent increase from last year.

Standards began oversight, along with District 3 and a consultant, on the design for state furnished housing for state employees working in the Jackson area. The first project phase is underway and involves obtaining zoning changes and permitting for water and sewer facilities necessary to support the project. New standard plans were issued for culvert and trench excavations and pipe fill height chart and installation details. *Standards*, working with the AASHTO Technical Committee for Roadside Safety, continued work on a major update to the *AASHTO Roadside Design Guide*.

Utilities conducted refresher training for the online permitting software and continued to provide on-demand support for all users. *Utilities* continued to enhance the

CONSULTANT SERVICES

New Agreements

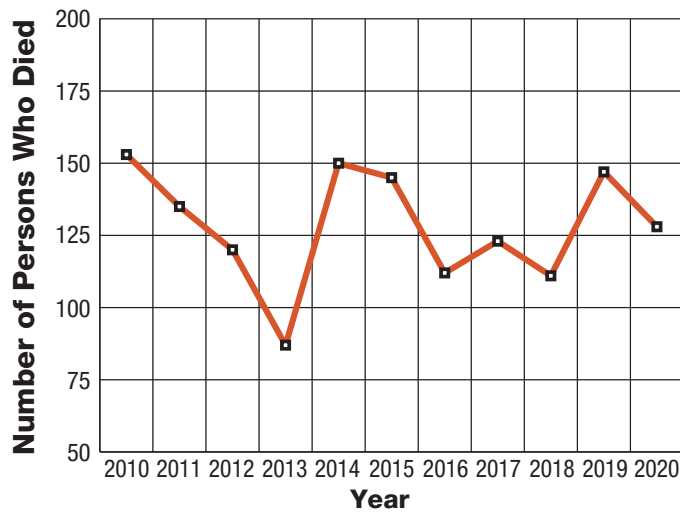
- 3 Environmental Master Agreements
- 3 Land Surveying Master Agreements
- 4 Other Master Agreements
- 2 Project-specific Road Design Agreements
- 1 Employee Housing Agreement
- 2 Transportation Study Agreements

PHOTOGRAMMETRY & SURVEY

Collected Survey Data

- 15 Urban Projects
- 18 Rural Projects
- 6 Bridge Projects
- 2 Landslides
- 3 Pits/Quarries
- 1 Tunnel

Wyoming Traffic Fatalities



online permitting system to improve the overall performance for users. The section also worked on 103 design projects and processed over 450 utility permits.

Photogrammetry and Survey (P&S) collaborated with UW's Technology Transfer Center to collect survey data on the Red Bed slide near Boysen Reservoir using a drone, terrestrial scanning, and conventional GPS methods. P&S collected 3D models of the Wind River tunnels to assist Geology with future rock fall mitigation. P&S also administered 11 separate surveying and photogrammetry contracts with various consultants totaling more than \$173,000. P&S collected, edited, and processed 176 field surveys on 38 projects and 324 terrestrial scans on 21 projects.

The **Highway Safety Improvement Program (HSIP)** provided systemic safety improvements across the state including the High Risk Rural Roads (HRRR) Program. HSIP updated and moved the Safety Management System to the Safety Portal to improve access to crash data and analysis tools (such as the crash diagram and intersection manager) and began work on providing public access to the Safety Portal.

Data Records Analysis provided crash data to safety partners.

The *Highway Safety Office* worked with law enforcement to ensure correct and timely crash report

submissions and provided crash data to WYDOT's safety partners for safety studies, research, media outlets, planning, and so on. Highway Safety expended \$3.9 million in federal grant funds to reduce traffic crashes, fatalities, and injuries through outreach, education, and enforcement.

The *Motorcycle Safety Program (MSP)* trained 674 students statewide.

Materials produced 50 gallons of hand sanitizer and over 500 gallons of disinfectant, which were delivered to over 70 state offices and 12 National Guard armories in response to COVID-19. Materials continued to set up many projects with recycled materials while designing and using other cost-effective treatments. The Asphalt Lab performed over 1,500 tests; Soils and Surfacing verified 63 hot plant mix designs; the Chemistry Lab performed 2,891 tests; and the Concrete Lab completed 50 new mix designs, verified 58 referenced mix designs, broke 3,088 Quality Assurance cylinders, and tested 262 steel samples. Roadway evaluation collected 864 cores samples, completed 5 bridge deck evaluations, completed 2 Falling Weight Deflectometer jobs, and collected over 5,850 miles of friction data. Further, Materials partnered with Highway Safety and UW to investigate the relationship

between pavement friction and skid-related and rear-end crashes in Wyoming. This research will develop a framework for WYDOT to consider safety implications and better manage pavement friction on roadways. The roadway evaluation crew tested one bridge deck using ground penetrating radar technology

to compare chain drag, plan, and construction quantities to improve the bridge deck rehabilitation process. The finals crew issued final acceptance for 80 projects. The pavement management group expanded Pavement Management System (PMS) users to the district level and delivered training handouts for users to see deterioration of each road section. The pavement management crew performed five smoothness verifications under the PMS using master agreements with two separate consultants. Further, pavement management examined pavement age to analyze deterioration and preservation treatments based on system to help expand the suggested treatments on pave-

MATERIALS IA INSPECTIONS

- 65 Concrete
- 83 Gradation
- 52 PMP-Density
- 17 Embankment



ments and optimize WYDOT roads. The program also developed an online version of the Wyoming Materials Technician Certification and implemented a certification module in the Construction Management System.

Planning

Environmental Services (ES) In coordination with the Federal Highway Administration (FHWA), ES completed a new memorandum of understanding with the Bureau of Land Management to facilitate and streamline National Environmental Policy Act (NEPA) and right of way acquisitions. ES also update the Programmatic Biological Opinion with the US Fish and Wildlife Service. Staff provided ongoing guidance to Emergency Communications for WyoLink, continued coordination with District 3 for the WYO 22/390 Snake River bridge replacement, and helped Teton County with its Tribal Trails project. ES completed Environmental Studies for the Dry Piney Wildlife underpasses, finished the Halleck Ridge wildlife crossing evaluation, and neared completion on two other sponsored Research Advisory Committee studies. Further ES continued collaboration on research studies for Jackson South wildlife crossing use and new evaluation of potential mule deer I-80 crossing modeling in western Wyoming. ES also prepared NEPA documents for 146 projects, achieved 9 formal wetland mitigation site releases, provided technical support for the Governor’s Wildlife Corridor Order, and completed efforts with the Governor’s Weed Management Task Force.

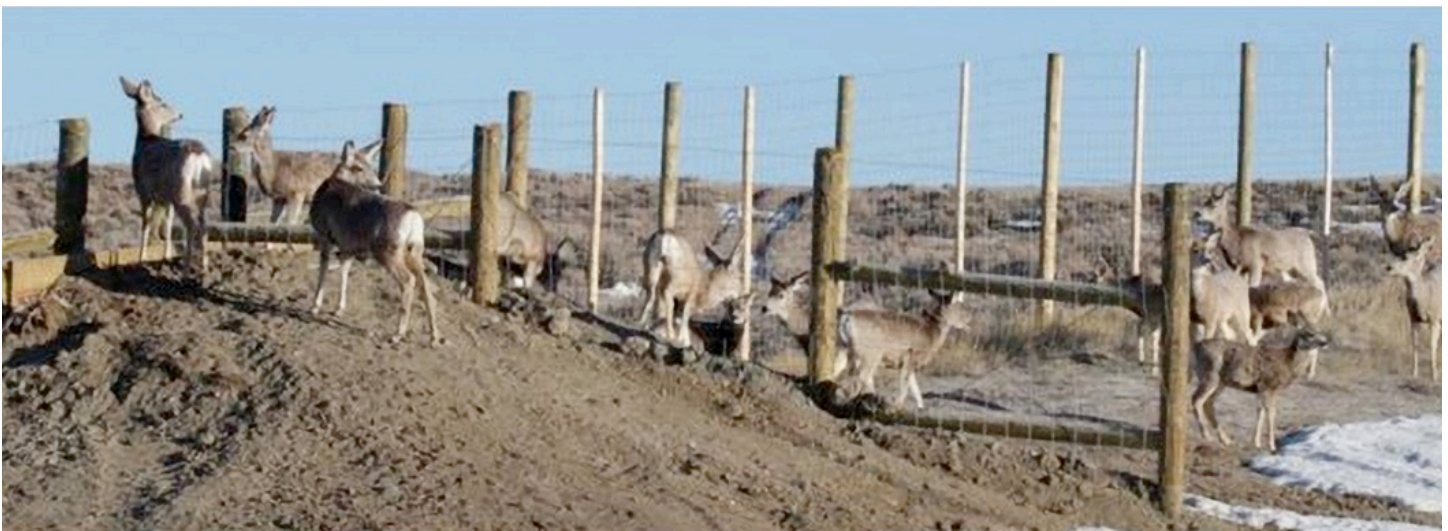
Local Government Coordination (LGC) managed Coronavirus Aid Relief and Economic Security (CARES) Act

funding, of which WYDOT received \$22 million for 48 transit agencies, along with normal pass-through funding for TA, Congestion Mitigation Air Quality, and HRRR programs. LGC distributed \$6.1 million in pass-through funding awarded to local public agencies (LPAs).

Programming produced and updated the Statewide Transportation Improvement Program (STIP) and reported STIP performance measures. The research team continued to administer funds supporting research projects, and the mapping team worked on modernizing and geo-locating maps. The asset management crew obtained FHWA approval on the annual asset management consistency review and progressed on developing a new project scope statement process for project initiation.

Systems Planning administered funding to and assisted the Metropolitan Planning Organizations and Urban Systems with their planning efforts along with planning studies in six communities. Systems Planning also completed the annual Highway Performance Monitoring System submittal, field assessments for various rail projects, and the Grade Crossing Action Plan. The section also maintained over 120 permanent traffic counter sites statewide, collected statewide traffic count data for the online *Vehicle Miles Book*, and participated in the Front Range Passenger Rail Initiative.

Program Performance completed WYDOT’s Three-Year Strategic Plan and began holding Metric Walks to evaluate and share the progress of the plan’s action items with WYDOT. The program implemented new project definitions in the Project Control System to show where



Mule deer gather at a wildlife crossing fence. Such fences are vital to the safety of animals and travelers alike.

Photo: Wyoming Game and Fish



projects are in the design process and finalized the FY2020 STIP rebalance, including projects slated for additional funds and projects to be completed early for STIP stabilization. Additionally, Program Performance held 33 work plan reviews and 71 kick-off meetings for Highway Development projects. The program also assisted with 34 Employee Advisory Team meetings and with compensatory time policy implementation.

Right of Way (ROW) acquired 158 parcels on 19 different highway construction projects statewide with significant projects including Lander Streets (38 parcels); Douglas Streets (34 parcels); I-80 Winter Freight, which was a grant project with an accelerated schedule; and several commercial early acquisitions for the I-80/I-25 Interchange. ROW abandoned, relinquished, traded, or sold eight parcels of surplus land, bringing in nearly \$100,000. ROW processed 42 real estate leases with WYDOT as the lessee and 8 real estate leases with WYDOT as the lessor bringing in \$3,324. ROW's land surveyor managed 13 land surveys through to preliminary completion, of which 8 were taken through to final completion. Total surveying consultant fees equaled just under \$185,000, and three new Master Service Agreement consultants were selected for survey work. ROW currently oversees 45 telecommunication sites as the lessee and 15 cellular sites as the lessor with a total income to WYDOT of \$33,500. ROW completed 241 public and internal research requests and gave two presentations to LPAs, instructing them on how to stay in compliance with FHWA regulations during local right of way acquisitions. The program also processed 4 new outdoor advertising permits and revoked 70 permits, bringing the total of permitted signs to 2,175. ROW also managed road access and snow fence leases statewide and oversaw the Junkyard Control Program.

Traffic

Electrical Operations assisted in various electrical projects and maintenance statewide, working on traffic signals, lighting, and

various other electrical devices. Crews continued to enhance electrical asset management with high mast lighting added to the system. Traffic completed a fiber optic communication network in Cheyenne, which provides a high-speed, redundant connection to Cheyenne signals.

Electrical Design produced design plans for traffic electrical devices and Intelligent Transportation System (ITS) devices. The section completed 27 projects representing \$7.2 million in electrical work statewide.

Signing and Traffic Control Design completed permanent signing and work zone traffic control and provided numerous operational sign layout requests. The work zone traffic control lump sum statewide cost was approximately 4 percent (\$10.8 million) of the total statewide project costs. The section completed 61 projects for contract bid.

Geometrics, Markings, and Studies provided turning movement analysis, capacity analysis, and striping details for projects statewide and executed purchasing contracts for 341,565 gallons of paint and over 2.6 million pounds of glass beads for highway striping operations. The section collected turning movement counts at 30 intersections statewide and data from 50 speed studies.

The *Sign Shop* fabricated 7,234 signs, totaling 49,633 ft² with sign fabricators averaging 6.84 ft² per man-hour. The shop purchased an extruded aluminum squeeze roller for safer operation when installing and fabricating large signs.



A WYDOT striping vehicle applying fresh paint during spring highway striping operations.

Photo: Carite Van Winkle



Operations

District 1

Construction – Of the \$65 million in STIP funding let to contract in D1, \$52.2 million (80 percent) was designated for resurfacing, bridge rehabilitation, and other I-80 improvements. Major projects included the start of a two-year bridge reconstruction on I-80 east of Cheyenne and I-80 Winter Freight—D1 plans to reopen Ft. Steele Rest Area once construction on this project is complete. The district held a virtual open house and live public comment meeting for the I-80/I-25 Interchange Reconstruction and completed grading plans (about 30 percent) are expected in Winter 2021. D1 Construction continues to work cooperatively with other agencies, including the City of Cheyenne on the Whitney/Dell Range Intersection Reconstruction scheduled for 2022.

Equipment – District shops continued to keep the aging equipment fleet serviced and repaired. All mechanics participated in the Job Study Analysis.

Maintenance – Despite the harsh winter and COVID-19 challenges, which caused D1 to overrun its snow control budget by about \$5 million, D1 managed to keep the overall district budget overrun relatively

low. During the winter, 11 plows were hit. During the summer, crews worked extensively with the U.S. Forest Service (USFS) on Mullen Fire traffic control, road closures, and temporary approaches. D1 placed over 22,400 tons of plant mix on various locations districtwide. The Ft. Steele Rest Area closed in June as part of a statewide cost-saving measure, and the Meriden Rest Area (US 85) underwent prolonged closures due to water quality issues.

Traffic stayed on budget even after procuring two new JAMAR tools used in traffic studies. Electrical crews installed fiber optic communication on all 60 signalized intersections in Cheyenne.

District 2

Construction worked on 12 different projects totaling about \$42 million and including the following: US 20 widening and paving east of Lusk, WYO 59 widening immediately north of Douglas, and other projects done in coordination with various LPAs that preserve pavement and bridges and improve safety for pedestrians.

Equipment repaired and maintained the hot plant, which multiple districts share. Crews maintained and repaired 825 pieces of equipment and completed almost 1,800 preventive maintenance inspections.

Maintenance – Crews kept roadways safe for the traveling public, often working in inclement weather, and kept fences, pipes, bridges, guardrails, and facilities in working order. Further, D2 Maintenance worked with the Wyoming Department of Environmental Quality in the Casper area on an extensive review of storm water treatment, and in conjunction with other WYDOT programs and Casper, determined and verified best practices for transporting storm water in a safe and clean manner to the North Platte River. Crews also placed 23,000 tons of hot plant mix and almost 10,000 of the 23,000 tons were produced by D2's hot mix production plant.

Traffic performed preventive maintenance inspections. Electrical and sign crews inspected, maintained, and repaired various devices throughout D2. Notably, crews also helped multiple districts with special light-



Photo: Rick Carpenter

A single engine air tanker (SEAT) aircraft dousing flames with water during the Mullen Fire.



Photo: WYDOT

A sand barrel array stands in place of the catch-net vehicle arrestor system which is being modified for WYO 22/Teton Pass.

ing projects, installed special signs for the Dr. Leonard L. Robinson Memorial Bridge in Casper, and installed other special signs as needed. Striping applied paint and installed a test section for a new paint type on WYO 59 to improve future performance.

District 3

Construction – D3 let 14 projects with an estimated \$65.5 million value. The most notable project was the Jackson South-Hoback Junction project located on US 26/89/191 in Teton County, which included surfacing, full depth reclamation, bridge replacement, precast retaining walls, and wildlife crossings. Several projects were completed on I-80 and district-wide including bridge rehabilitations, contract patchings, and several mill and overlay projects. Another notable project was the mill, overlay, and bridge replacement completed in Sweetwater County on I-80 that totaled more than \$16.9 million.

Equipment had expensive repairs and incidents this winter including three plows that were totaled due to damage to the plow and not the truck. D3 is working with the Equipment Program to tag three new plows for purchase once the bid has been accepted.

Maintenance – The Jackson maintenance crew worked closely with the USFS to discuss ways to improve safety for the traveling public and backcountry users on Teton Pass (WYO 22) and reduce delays from unplanned avalanches. So far, some short-term and long-term solutions to manage highway use, recreational use, and local interests have been identified.

Traffic issued 16 access permits and 30 special event permits. Crews also worked on the following special projects: temporary traffic signal installations in Evanston to mitigate overflowing traffic queues, new road closed gate system installation on US 191 South, temporary barrel array installation in the vehicle arrestor on Teton Pass, temporary traffic signal installations on Snake River bridge (WYO 22) for bridge weight restrictions, conversions of all school crossing equipment from manual to remote control, and nighttime speed limit removal on US 191 south of Pinedale.

District 4

Construction worked 28 projects totaling \$48.3 million, including 7 federally funded (\$38.6 million) and 21 state funded (\$9.7 million). The largest project to go to

contract was the WYO 59-Wright 5-Lane (\$15.4 million). D4 Construction partnered with local communities and governments on projects ranging from multi-modal pathways and dust suppression to bridge work and spot safety improvements.

Equipment – Crews completed electrical, emissions, and wiring repairs on snow removal equipment. Mechanics also completed electrical component corrosion repairs for equipment exposed to chemicals. Crews also completed pre-season and annual inspections and the resulting repairs

DISTRICT 4 MAINTENANCE

Activity Breakdown by Time Spent

- 5,809 hours on Major Fence Repair
- 5,128 hours on Delineation Repair
- 2,798 hours on Drainage
- 2,242 hours on Shoulder Repair
- 1,450 hours on Erosion Repair/Control
- 8,895 hours on Litter Control/Carcass Removal



and attended factory training on new equipment.

Maintenance worked on improving declining asset condition. Crews also placed 32,340 tons of hot mix asphalt, sourced from local vendors, throughout several counties.

Traffic successfully partnered with the city of Sheridan to implement a new, 3-lane configuration for downtown Main Street. This configuration was requested through a city-sponsored public involvement activity. D4 Traffic collaborated with D4 Construction to fund the project and collaborated with the Wyoming Game and Fish Department (WGFD) to determine locations and times of year with highest animal activity in highway rights of way for 60 new solar powered wildlife warning signs with LED flashing borders.

District 5

D5, working with the Highway Safety Program, completed the 11th year of a marketing campaign on the Wind River Reservation. The marketing program, funded by a federal highway safety grant, encourages pedestrian safety and seat-belt use and discourages drinking and driving.

Construction accepted bids of more than \$58.8 million for 23 projects. Crews worked on the following projects: concrete repair, ADA, and pavement improvements on main streets in Cody (US 14/16/20), Riverton (US 26), and Thermopolis (US 20/WYO 789); ADA upgrades and a new traffic signal at the Major Avenue/Main streets intersection (US 26) in Riverton; asphalt pavement overlays and shoulder widening for guardrail upgrades on six miles of US 16 between Worland and Ten Sleep; asphalt pavement preservation on US 287 between Muddy Gap and Lander and WYO 120 south of Cody; DIP slide repairs on Chief Joseph Scenic Highway (WYO 296); wildlife-friendly right of way fencing installation; 7 permanent digital message sign installations; construction of 7 passing lanes between Waltman and Moneta (US 20); and passing lane construction between Hudson and Riverton on WYO 789.

Equipment – Mechanics attended Force America Systems training, new equipment walk-a-rounds, Stepp Distributor Virtual Training, and online electrical training classes.



A snow maintainer's view from the cab of a plow truck clearing snow from multiple lanes at once.

Photo: WYDOT

Maintenance – Crews helped other districts with snow removal operations, cleaned and repaired roadways after flash flooding outside Ten Sleep and landslides west of Dubois, completed surface preparation for a new fueling facility between Shoshoni and Casper, and assisted with an emergency pipelining project when erosion threatened WYO 30 west of Basin. Additionally, crews placed 8,477 tons of warm mix asphalt, completed nearly 75 miles of chip sealing, and fog sealed 38 roadway miles. Personnel used a recycled roadway material mixture and MC70 oil during annual slide patching on US 14A at a significant savings to WYDOT. Further, D5 Maintenance processed 22 fiber and fiber-related CARES Act permits in less than two months.

Traffic and other district workers participated in COVID-19 supply and sample relays to and from Cheyenne for the Wyoming Department of Health (WDOH) during the spring and summer. Striping crews completed annual striping and pavement marking program, including maintaining thermoplastic pavement markings. Rural striping crews applied 32,000 gallons of white paint and 24,000 gallons of yellow paint, and urban striping crews applied 7,000 gallons of white paint and 8,000 gallons of yellow paint. The sign crew, in addition to completing annual



sign upgrades, installed new bridge weight limit signs and replaced more than 150 signs for WGFD. The electrical crew completed annual traffic signal inspections and maintenance for each district traffic signal and also began upgrading traffic signal lamps and installing retroreflective borders around traffic signal heads.

Construction worked with districts and programs, the Associated General Contractors of Wyoming (AGC), and other state and federal agencies to improve project administration and coordination with the contracting industry. Staff issued the new 2021 Standard Specifications; held joint AGC/WYDOT meetings for the Traffic Control Committee; and conducted working group meetings for dispute resolution, contractor project performance reporting, traffic control issues, Contract Management System enhancements, and iCX software training to address industry and agency high priority items. Additionally, Construction prequalified 201 prime contractors, processed and approved 499 subcontracts, reviewed 331 bid envelope submittals, and assisted with the development of 129 special provisions.

Equipment purchased and maintained all WYDOT vehicles and equipment. Specifically, Equipment purchased 261 pieces of equipment costing about \$13 million, including 51 Wyoming Highway Patrol (WHP) vehicles, 26 Freightliner tandem axle truck chassis for snow truck builds, 27 John Deere 524L

articulated wheel loaders with 3-yard buckets, 4 Caterpillar 140 motor graders, and 1 Case 2050M dozer.

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 finished multiple projects while acquiring and mixing an approved disinfectant for statewide distribution as part of WYDOT's COVID-19 response. Further, Facilities completed the Planning building roof replacement, including a rubber membrane roof installation and water damage repair, and completed the Uninterruptable Power Source maintenance and battery replacements for the CenturyLink and headquarters buildings. The program started facility security and access control design for all district headquarter buildings and began preparing final prints and bid documents. The air conditioning system installation at the southeast Welcome Center has been bid, and project materials have been ordered. An air handler unit replacement for an office in the headquarters building has been awarded, and materials have been ordered. The program also continued populating the Computer Maintenance Management System software with the necessary data and enabling the software's preventive maintenance portion in phases.

Maintenance equipment trainers provided training and commercial driver's license (CDL) testing for WYDOT personnel statewide. Maintenance and district staff assisted the WDOH with delivering COVID-19 related personal protective equipment and test kits to counties and COVID-19 test vials from hospitals statewide back to the state lab. Staff provided statewide AgileAsset® support, snow fence repair contract management, Maintenance Quality Control and Program management and responded to public information requests. Maintenance also partnered with other state agencies on environmental, wildlife, and emergency management issues.



Photo: WYDOT

Snow fence controls the most serious drifting in areas along Wyoming's highway system.

Program Overviews

Finance

Budget diligently worked to maintain agency transparency and retain WYDOT as a national leader regarding minimizing inactive obligations with FHWA on currently budgeted projects. Budget also coordinated and compiled the agency's FY2021 Operating Budget, updated the FY2021 Annual Budget Presentation, proactively implemented internal controls to monitor project end dates while making project modifications that eliminate the potential to exceed agreement end dates, and collaborated with Financial Services to devise an electronic system to pay and store payments while also transitioning the Authority for Expenditure approval process to an electronic system. Also, Budget de-obligated \$28 million in unspent federal funds that were reallocated to additional FY2020 projects.

Financial Services provided WYDOT management and employees with accurate, timely financial information to assist them in performing their duties. The program prepared financial statements that WYDOT management and external stakeholders used to report the full costs of preserving, improving, and enhancing the Wyoming trans-

portation system's safety. WYDOT and Financial Services received an unmodified audit opinion on their financial statements for the year ended September 30, 2020.

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 (G&C) worked with the Attorney General (AG) to ensure WYDOT contracts were submitted

in the Cobblestone System for AG review. The program also oversaw 28 work groups and submitted 1,132 documents for review. Further, G&C partnered with FHWA to provide internal and external training covering grant management, Code of Federal Regulations, and federal-aid topics.

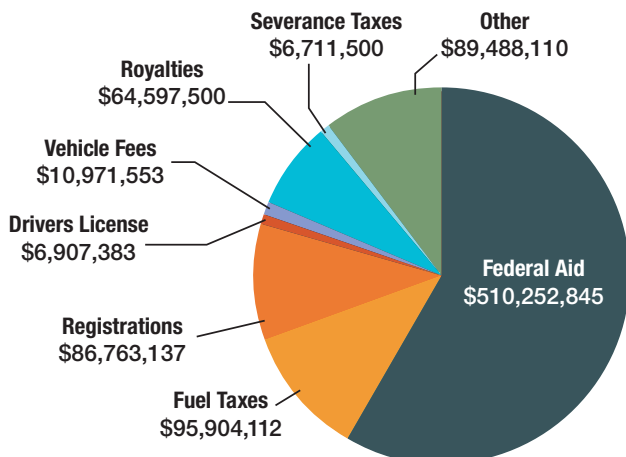
FY2020 FINANCIAL SUMMARY

- \$712.98 Million in Revenue
- \$694.26 Million in Expenditures

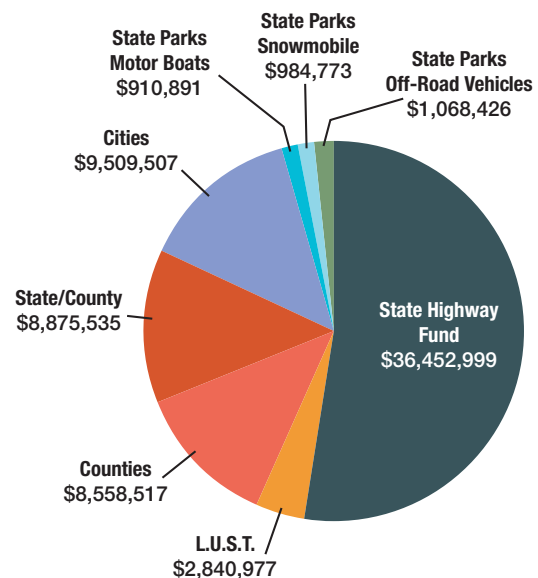
INFRASTRUCTURE ASSETS

- \$5.8 Billion in Highway, Bridge, Communication
- \$192.22 Million in Capital Assets
- \$27.96 Million in Inventories

**Anticipated Revenue by Source
Fiscal Year 2021
Total Revenue – \$678 million**



**Anticipated Gas Tax Total:
Total Revenue – \$69.2 million
Fiscal Year 2021**

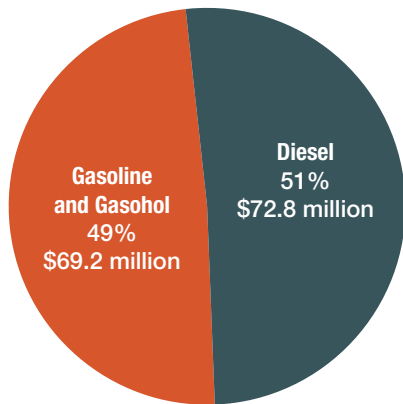


Procurement Services facilitated a request for proposal and contract between WYDOT and the University of Nebraska-Lincoln to evaluate WYDOT compliance with the *AASHTO Manual for Assisting Safety Hardware* or MASH requirements regarding drop arm road closure gates—ensuring WYDOT receives an eligibility letter for highway safety hardware. Procurement Services also solicited 328 competitive bids for the purchase of equipment, materials, supplies, services, and public works; issued 2,796 purchase orders totaling about \$66.7 million and 151 blanket purchase orders totaling about \$17.5 million, and brought in \$482,794 in revenue through sales of surplus property.

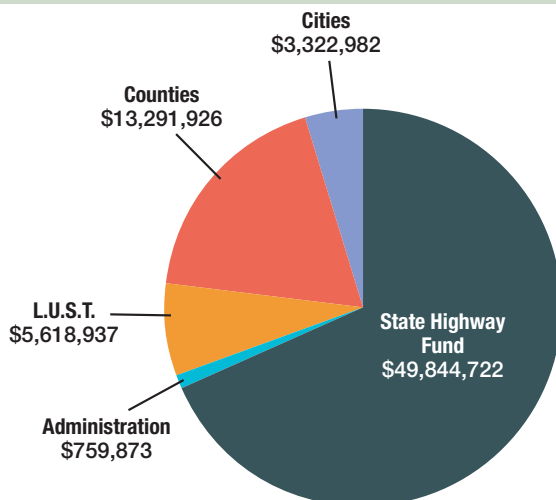
Support Services

Compliance & Investigation educated and enforced statutes pertaining to vehicle-related industries in Wyoming. Investigators received a 98 percent overall satisfaction rating from training sessions they provided for vehicle dealers, county officials, and law enforcement officers, including Peace Officer Standards Training or POST-Certified Vehicle Identification Number (VIN) Fraud Training, prior to COVID-19 closures. Additionally, the program participated in the following working groups: RIS Modernization System, TIRF grant proposal, Dye Management Needs Assessment Study, and Autonomous Vehicles. The program also participated in the First Annual Midwest Motor Vehicle Group meeting for motor vehicle investigators; assisted several residents in obtaining titles and registration for vehicles purchased from licensed dealers; and prepared information for the Joint Transportation and Military Affairs Committee regarding 2020 bills and interim studies relating to vehicle dealer statutes, title and registration statutes, abandoned vehicles, and autonomous vehicles. Notably, two VIN fraud cases the program worked received mention by the American Association of Motor Vehicle Administrators.

Anticipated Gas Tax Total Receipts Fiscal Year 2021 – \$142.0 million



Anticipated Special Funds Diesel Tax Total – Total Revenue \$72.8 million Fiscal Year 2021



DRIVER SERVICES NUMBERS

As of December 1, 2020, in Wyoming

- 439,060 Licensed Drivers
- 31,080 Licensed Drivers Holding CDLs/CLPs
- 15,500 Driver's License Mail Renewals

Driver Services completed 210,000 transactions, which included issuing driver's licenses, identification cards (IDs), and driving records; collecting reinstatement fees, and others. The program also processed and entered about 45,000 citations. Driver Services adapted to COVID-19 emergency orders from the Governor, which included granting grace period and extensions on license expirations, ceasing all non-commercial skills testing, modifying skills test procedures with extensive health screening protocols and appointment-only requirements, enacting social distancing requirements, installing Plexiglass barriers at exam stations, and implementing multiple Federal Motor Carrier Administration extensions and waivers for



commercial drivers. Several legislative changes were also accomplished including an added option for Wyoming driver’s license and ID applicants to donate to the Wildlife Conservation Fund when applying, adding permissive language to driver’s license and ID statutes allowing for electronic credentials and correspondence when available through system modernization, and extending the commercial learner’s permit (CLP) validity period from 180 to 365 days to provide drivers obtaining their CDL more time to complete the required testing without additional burden.

Human Resources (HR) Program within WYDOT was centralized under the Department of Administration & Information (A&I), by Governor Gordon’s Executive Order effective July 10, 2020. As part of this centralization, the HR Program has realigned reporting and organizational structure and responsibilities. Additionally, HR worked closely with the Training Program to create and roll-out a new sexual harassment and anti-discrimination training program. HR helped coordinate the Trades Occupational Study, which consisted of a review of 158 agency positions by A&I’s Human Resources Division. HR also served as a center of support for COVID-19 questions and resources. HR continues to support the Employee Advisory Committees in process improvement efforts and project work.

Motor Vehicle Services (MVS)

MVS partnered with WHP to meet federal Performance and Registration Information System Management (PRISM) requirements. PRISM focuses on reducing the number of commercial motor vehicle crashes, injuries, and fatalities, and states that fully participate in PRISM compared to non-participant states have observable reductions in crashes and fatalities.

Titles, Plates, and Registration MVS collected about \$40.3 million in state registration fees, facilitated the transfer of 1.29 million vehicle registration and title transactions from the counties to the state mainframe, issued about 580 licenses, and collected over \$1 million in various fees from dealerships, rental companies, and vehicle transporters. MVS collected \$215,712 in specialty plate fees.

Additionally, the Wildlife Conservation Fund increased by \$279,496 from license plate sales and renewal fees (\$126,450) and from private donations (\$153,046).

The *License Plate Production* staff started manufacturing license plates for distribution in 2025 as it takes several years to produce, package, and deliver over 1 million plates. This fiscal year, staff produced 216,000 new plates.

PRODUCTION AND DISTRIBUTION FOR IFTA/MOBILE MACHINERY

- 233,912 License Plates
- 2.18 Million Validation Stickers
- 66,000 Decals

International Registration Plan (IRP) and International Fuel Tax Agreement (IFTA) – Under IRP and IFTA agreements, portions of the registration fees and fuel taxes are forwarded to other jurisdictions where Wyoming apportioned vehicles travel. Additionally, other

jurisdictions remit registration fees and fuel tax revenues to Wyoming when companies from their jurisdictions travel into Wyoming. IRP collected \$56.8 million in registration fees and distributed \$5.45 million to 57 IRP jurisdictions and \$6.1 million to the counties netting \$45 million for WYDOT. IFTA collected \$2.3 million in fuel tax, license fees, and decal sales and distributed \$155,715 to other IFTA jurisdictions or in customer refunds netting \$2.2 million for WYDOT. Wyoming has 1,112 IRP carriers and 1,175 IFTA carriers.

Office Services

Mailing Services sent out 346,314 pieces of outgoing mail and shipped 5,411 packages. The largest metered mailing of the year amounted to about 3,000 pieces of certified mail for Financial Services. Mailing Services processed 39 presort jobs, saving WYDOT \$13,489 in postage with 13,000 Every Door Direct postcard mailing for Planning/Programming as one of the larger presort jobs. The section



Image: WYDOT/Wyoming Game and Fish



folded and inserted 285,114 documents prior to mailing and set new guidelines for mailing the *Interchange* out to the district offices, POE and Patrol, and Driver Services locations across the state, saving \$10,051 in first class package service and priority mail costs.

Printing Services produced more than 4.4 million total copies (more than 3.2 million color copies and 1.2 million black and white copies) – an increase of almost 300,000 from last year despite COVID-19 challenges. Notable jobs include: *Interchange* (39,000 copies), Pharmacy Fact Sheet for Department of Veterans Affairs (20,000 copies), *Wyoming Road Word Guide* (13,200 copies), Public Input Opportunity postcards (13,752 copies), Port of Entry (POE) recruit brochures (7,000 copies), *Alive at 25* brochures (5,000 copies), and the agency annual report (2,000 copies).

The *Record Section* maintained productivity and efficiency, scanning a total of 215,762 pages, despite transitioning to telework. The research analyst scanned 912 projects from aperture cards into the Falcon Document Management System, fulfilled 264 internal and 74 external requests, and sent out 14,447 scanned images. The central files specialist indexed 275 new agreements and 151 new contracts along with managing 218 checked-out agreements and contracts. The section filed 6,274 pages of correspondence, received 1,030 accounting packs, and completed 526 accounting packs.

Training Services

Training Services updated WYDOT’s Talent Development Strategy, launched the Required Maintenance Vocational Learning Plan, and introduced Know WY: New Employee Onboarding. Content and instructor effectiveness were highly rated.

Employee Safety

Employee Safety delivered 61 in-person courses to 932 employees statewide with topics including CPR/ First Aid/AED, Hazard Waste Operations, Hazardous Materials Awareness, Confined Spaces Permit, OSHA 10/30 General Industry Safety Standards, and OSHA 10/30 Construction Safety Standards. The program reacted to 86 COVID-19 cases requiring disinfection, including short notice dispatching of commercial cleaning services to 16 “mission essential” facilities to return them to operational status within 24 to 48 hours, and developed and fielded COVID-19 awareness and disinfecting training to all WYDOT employees. Further,

the program collaborated with Human Resources and Payroll to streamline the Clothing Allowance process and allow for monthly direct deposits into employee paychecks for over 1,000 reimbursement affidavits annually. Employee Safety introduced the first Prescription Eye Protection Program, assisting 174 employees, and Safety Partnership Visits Program to help employees identify hazards in their workplaces and jointly develop solutions, conducting 9 visits and yielding 169 safety areas for improvement. The program also coordinated with the districts and programs to institute new and updated policies.

The *Safety Committee* continued to meet monthly to address safety concerns, stood up the new Snow Plow Safety and Work Zone Safety sub-committees, and

created WYDOT’s new safety logo and motto, through the Safety Logo & Motto sub-committee, for which newly constructed signs were created and posted at all WYDOT facilities.

SPECIALTY PLATE BREAKDOWN

- 200 *Prestige*
- 300 *University of Wyoming*
- 400 *Embossed*
- 800 *Veteran*
- 700 *Wildlife Conservation*
- 50 *Tribal*
- 500 *Disabled Veteran*
- 1,500 *Other*



Image: Public Affairs Office



Technology

Geographic Information Systems/Intelligent Transportation Systems (GIS/ITS) continued the I-80 Connected Vehicle Pilot Study and conducted acceptance testing while dealing with uncertainty of radio spectrum needed for vehicles to communicate with each other. A revised program, now called Wyoming Travel Authorization Program, was created to incorporate three ways for drivers to travel on otherwise closed roads. The team also added a new way for drivers to receive their travel authorizations through the Wyoming 511 mobile app. The GIS team continued work on a roads and highways project for linear reference system modernization.

Information Technology (IT) In response to COVID-19, IT worked quickly to identify and recondition surplus laptops to issue for remote working capabilities; transitioned users to the new Portal2 virtual private network system, coordinating with ETS to implement this system quickly; and developed and deployed a new queuing application for Driver Services, allowing more efficient and safe customer service. IT also developed a new State Planning and Operational Database application, migrated WHP to a new Computer-Aided Dispatch System to increase efficiencies and improve system support, and upgraded the ERP environment with a new version of

PeopleSoft® PeopleTools while finalizing a database upgrade to Oracle 19c. IT also performed a user migration from the WYDOT Active Directory to the centralized wyo.gov Active Directory to consolidate resources and reduce administrative effort. IT imaged and replaced 862 personal computers, ELOs, and tablets through Ivanti LanDesk, keeping WYDOT computers current; further, IT performed upgrades, installation, deployment, and migrations of multiple systems (Safetynet, Netmotion, Drivers Services Testing, WHP cell phone deployment and management, Oracle database to 19c, and APEX to 20.2)

Emergency Communications (EC) *previously Telecommunications* New WyoLink sites went live at Buffalo, Orin, Wright, and Jackson. The program successfully negotiated a new, six-year support and services contract for WyoLink, which includes system upgrade planning; and EC replaced batteries at 10 WyoLink sites supporting the Microwave Network. EC hired a 911 planning coordinator to establish contacts at all Public Safety Answering Points across Wyoming, and a stakeholder meeting was held to continue work on the Statewide Next Generation 911 Plan. Connected vehicle equipment installation continued for over 40 WHP and WYDOT maintenance vehicles

along I-80. The program also deployed Backup High Frequency communication stations to Cheyenne, Casper, Gillette, Rawlins, and Laramie. EC completed all remaining WYDOT telephone systems internet protocol (IP) conversions and integration to the Enterprise Technology Services (ETS) telephone system and conversion continued for the remaining non-telephone systems to IP and ETS integration. To improve efficiency and resilience, EC coordinated with ETS to seek fiber optic connections at WYDOT locations, including shops and offices, WyoLink sites, and roadside infrastructure.



In-cab equipment needed for WYDOT's Connected Vehicle Pilot.

Photo: Rich Carpenter



Aeronautics

Air Service Development assisted Wyoming airports in retaining and growing their commercial air service. The program helped fund six air service agreements statewide that provided air service for more than 68,000 passenger enplanements and yielded approximately \$15 million in direct economic impact to the state. The Wyoming Capacity Purchase Agreement (CPA) for commercial air service through SkyWest Airlines (operating as United Express) helped participating airports set passenger records prior to COVID-19 travel advisories, provided additional passengers while expending fewer state dollars and lowering overall costs by 9 percent, and, during COVID-19, allowed participating airports to maintain regularly scheduled service. Development and transition to the Black Cat® Aviation Database for air service projects and data began, and the new database will help deliver better project tracking, data retention, and data dissemination for air service stakeholders. The program negotiated and reinstated air service to Cheyenne with daily flights to Denver International Airport.

Engineering and Construction oversaw airport design, construction, equipment acquisition, pavement maintenance, and marketing projects. Additional responsibilities included providing airport asset management and technical expertise, administering statewide procurement and maintenance projects, and maintaining the state's network of mountain weather stations. Work continued on a statewide GIS-based airport pavement management plan. The program provided oversight for 52 construction and equipment acquisition projects, 18 navigational aid maintenance projects, 8 aviation encouragement projects, and 6 marketing projects. The program administered \$3 million in group pavement maintenance projects resulting in an estimated \$700,000 cost savings because of economies of scale. The program also conducted safety data inspections at 11 Wyoming airports.

Flight Operations provided on-demand air service to 30 state agencies, commissions, public boards, and elected officials with two aircraft, six pilots, and three support staff. The program flew 404 flights (with 95 percent in-state) for 253 flight hours, covered 74,000 miles, and transported 1,323 passengers. The bulk of this flying was conducted before the COVID-19 pandemic, and for the first five months of FY2020, the program saw year-over-year

passenger increase of 28 percent and flight hour increase of almost 9 percent. The program operates and maintains its own hangar facility located at the Cheyenne Regional Airport, including a fuel farm that enables the program to buy fuel at wholesale cost, helping save over \$91,500 in fuel expenses compared to buying fuel at retail pricing. Additionally, the program's pilots worked with air traffic control to plan and fly efficient flight profiles, which netted an additional \$18,760 in savings.

Planning and Programming oversaw airport planning, environmental, and land acquisition projects; the continuous Statewide Airport System Plan; Wyoming Aviation Capital Improvement Plan development; and Wyoming Aeronautics Commission Loan Program administration. The division administered airport improvement funds totaling \$78.8 million (\$10.5 million in state funds and \$68.3 million in federal funds). The program provided airport improvement grants for 99 projects to 37 different airports including major projects in Afton, Buffalo, Casper, Evanston, Hulett, Laramie, Rawlins, Rock Springs, and Torrington. Program staff continued oversight of the ongoing development of the BlackCat® Aviation Data Management System, which is used to maintain information and manage workflow for capital improvement planning, grants, and project management. The Statewide Aviation Economic Impact Study was conducted to define the impact and role of aviation and airports within the state economy. Airport projects managed by staff and funded this fiscal year include Thermopolis-Hot Springs County Airport Master Plan as well as 16 CARES Act grants.

Unmanned Aircraft Systems (UAS) managed state policy development and oversight for UAS, and a department task force was formed to develop policies and procedures for UAS use at WYDOT. UAS identified and approved many opportunities within the department for potential UAS deployment, which will increase employee safety and productivity while decreasing costs. Additionally, UAS continued to provide statewide UAS education and implementation guidance and advocated for safe UAS integration into the National Airspace System.

Program Overviews



Highway Patrol

Wyoming Highway Patrol (WHP) enhanced public safety by patrolling Wyoming highways; engaging in highway safety and state statute enforcement, criminal interdiction, public outreach, education efforts, and partnerships; and providing protective services to the Governor, first family, and elected officials. Collectively, the WHP's Sworn, POE, Commercial Carrier, Dispatch, Records, Evidence, Equipment & Technology, and Professional Standards sections proactively executed their duties and adapted to operation changes to accommodate COVID-19 protocols.

Troopers stopped 78,955 vehicles and issued 35,174 warnings for traffic violations and faulty equipment. Further, WHP assisted 17,493 motorists, recovered 36 stolen vehicles, handled 2,226 abandoned vehicles, responded to 4,355

crashes, arrested 694 impaired drivers, responded to 189 felony and 1,696 misdemeanor drug cases, and assisted other agencies 4,215 times.

Additionally, WHP contacted 823,183 commercial vehicles, of which 421,604 were weighed finding 38,341 overweight; issued 191,099 oversize/overweight permits, generating \$9.9 million in collected fees; and inspected

3,514 commercial vehicles, finding 762 out-of-service violations.

WHP instructed 77 defensive driving classes with 1,252 students in attendance, and troopers taught more than 100 safety presentations at schools, businesses, fairs, and safety events.

CITATIONS ISSUED

- 32,846 for Speeding
- 1,343 for Driving with Suspended License
- 2,778 for No Insurance
- 567 for No Child Restraint
- 2,609 for No Seatbelt

DISPATCH EVENTS FIELDDED

- 3,124 Report Every Drunk Driver Immediately Reports
- 1,308 Safe2Tell Tips*
*Anonymous Tip Reporting System
- 11,377 Towing Service Calls

DRUGS SEIZED

- 3,487 Pounds of Marijuana
- 196 Pounds of Marijuana Edibles
- 138 Pounds of Methamphetamine
- 100 Pounds of THC Wax
- 89 Pounds of THC Oil
- 5 Pounds of Illegal Prescription Drugs
- 4.66 Pounds of Cocaine
- 1 Pound of Fentanyl
- 0.88 Pounds of Heroin
- Significant Amounts of Hashish, LSD, MDMA/Ecstasy, Psilocybin Mushrooms, Peyote, and Spice.



Photo: Rick Carpenter

A Wyoming Highway Patrol trooper contacting a the driver of a stopped vehicle in a safe position away from traffic.

Commissions

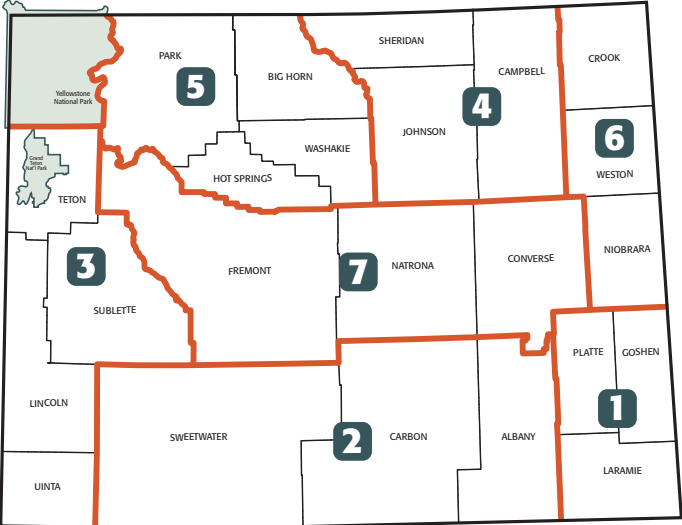
The **Aeronautics Commission** is comprised of seven Governor-appointed representatives who meet to fulfill their duties, which include administering airport improvement projects, approving grants to Wyoming airports, encouraging travelers to use Wyoming airports, and supporting fly-ins and air shows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

The **Public Safety Communications Commission (PSCC)** is comprised of eleven Governor-appointed representatives from public safety agencies, professional associations, and state agencies. The commission's duties include 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 recommending legislation or other state action to promote wireless interoperability in Wyoming.

The **Transportation Commission** is comprised of seven Governor-appointed representatives who meet to fulfill their duties, which include 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.



Photo: Rick Carpenter



WYOMING DEPARTMENT OF TRANSPORTATION

5300 Bishop Boulevard | Cheyenne, Wyoming 82009-3340