

TRANSPORTATION COMMISSION OF WYOMING

The Transportation Commission of Wyoming met in the Yellowstone Room at the Red Lion Hotel and Conference Center, 204 West Fox Farm Road, in Cheyenne on May 16, 2019. Chairman Larson convened the business meeting at 2:00 p.m. The following members were present constituting a quorum:

Mike Larson, Chairman, Lusk
Rick Newton, Vice Chairman, Buffalo
Louie Pfrangle, Commissioner, Worland
Phil Schmidt, Commissioner, Casper
Jim Espy, Commissioner, Savery
Jon Dolezal, Commissioner, Evanston
Lee Filer, Commissioner, Cheyenne
K. Luke Reiner, Director
Sandra J. Scott, Commission Secretary

Others present and participating in the meeting: Dennis Byrne, Chief Financial Officer; Shelby Carlson, Chief Engineer; Jeff Brown, State Highway Development Engineer; Mark Gillett, Assistant Chief Engineer for Operations; Taylor Rossetti, Support Services Administrator; Brian Olsen, Aeronautics Administrator; Pat Lewis, Chief Technology Officer; Colonel Kevin Haller, Wyoming Highway Patrol (WHP) Administrator; Mike Kahler, Supervising Attorney General; Rodney Freier, Budget Program Manager; and Bryan Cawley, Division Administrator, Federal Highway Administration (FHWA).

Delegations: Keith Willis and Jeff Eastwood of Tri-State Truck & Equipment Company in Casper; and Keith Balster, Bill Wright, and John Curry of Honnen Equipment Company in Casper.

Other meeting attendees: Senator Stephan Pappas, of Cheyenne; Jeff McDonald, Oftedal Construction Company, of Casper; Jon Koehler, Tucson Hospitality, LLC and JPK TR Cody, LLC (Cody Hampton Inn); Bryan Wenger, State Equipment Manager; Calvin Goddard, District Maintenance Engineer; Terry Uhrich, District Equipment Supervisor; Lieutenant Colonel Shannon Ratliff, WHP; Troy Babbitt, Emergency Communications Program Manager; and Doug McGee, Public Affairs Program Manager.

1. Pledge of Allegiance: Chairman Larson led the attendees in the Pledge of Allegiance.
2. Approval of Minutes: It was recommended by Secretary Scott, moved by Commissioner Espy, seconded by Commissioner Filer, and carried to approve the minutes from the April 17, 2019, Budget 101 education session, and the April 18, 2019, breakfast meeting, business meeting, and education session.
3. Correspondence: Secretary Scott presented a letter from Mr. John Koehler of Tucson Hospitality, LLC (Cody Hampton Inn) requesting an informal hearing before the Transportation

Commission to appeal a denial for a change of access located at 8 South Fork Road, along Highway 291, in Cody.

Ms. Carlson advised that district staff is working with Mr. Koehler, as stated in his letter. The matter may come before the Commission at its May meeting in Cody if the Department cannot reach an amicable solution.

4. Director Reiner presented the Director's report.

WyoLink Tower Groundbreaking: WYDOT hosted a groundbreaking ceremony on May 14, 2019, for a new WyoLink tower in Buffalo. The tower is the first of the remaining 16 towers that will complete the WyoLink system.

Joint Transportation, Highways & Military Affairs Committee (JTC) Meeting: WYDOT executive staff testified before the JTC on May 15, 2019. Topics discussed at the meeting were WYDOT's finances and budget, the State Transportation Improvement Program, proposed statute updates, the Revenue Information System, Wyoming's wildlife crossings, WyoLink funding, and WHP topics.

As a result of the meeting, several committee bills will be drafted and brought before the JTC at their August 12-13, 2019, meeting in Cheyenne.

Director's Visits with District Personnel: Director Reiner recently met with Districts 2, 3, and 5 personnel to gain a better understanding of employee matters. Director Reiner plans to work with WYDOT leadership to address employee issues.

Wyoming County Commissioners Association (WCCA) Annual Meeting: Director Reiner and other staff members recently attended the WCCA annual meeting in Cody. Two key topics discussed with WCCA members were WYDOT's budget shortfall and WyoLink. Director Reiner noted the importance of partnering and collaborating with county officials to help convey the need for future surface transportation and emergency communications funding.

Some WCCA members attended the May 15 JTC meeting and testified in favor of increased surface transportation and future WyoLink funding options.

Governor's Council on Impaired Driving Conference: On May 8, 2019, Director Reiner attended the Impaired Driver Conference in Laramie. WYDOT and WHP are taking the lead to reduce impaired driving in Wyoming.

Attendance at WYDOT Bid Letting: Director Reiner also attended the May 9, 2019, bid letting in Laramie to learn about the Department's bidding process.

Interview Regarding the State Aircraft: The media recently interviewed Director Reiner and Aeronautics Administrator Brian Olsen about the statewide use of the state-owned aircraft, and a

news article was published yesterday regarding the topic. The article will be shared with the Commission.

Wyoming National Guard Deployment: Director Reiner attended the deployment ceremony for about 130 Wyoming guardsmen in Casper on May 8, 2019. Individuals paying tribute to our military filled the Natrona County High School facility to capacity.

Another military sendoff will occur in Afton on May 28, and two WYDOT employees are part of that deployment. Director Reiner also plans to attend that event.

5. Mr. Byrne presented the Chief Financial Officer's report.

Monthly Budget Report: Mr. Freier presented the monthly budget report. The April 2019 budget report revealed that the Commission and the legislative budgets are 53 percent expended, which is within budget tolerances.

Commissioner Pfrangle left the meeting.

6. Procurement Services Bid 19-143MD: Mr. Byrne explained that bids were received for a track-type asphalt paver machine for use in Casper, but the first, second, and third low bids did not meet specifications. The fourth low bid did meet specifications.

Tri-State Truck & Equipment was the apparent second low bid for the paver. Mr. Kevin Willis, Equipment and Truck Sales Manager for Tri-State Truck & Equipment, provided the Commission with a packet of information about the Volvo P7110B paver, which was the item their bid was based upon.

The Volvo paver did not meet the defined bid specifications because it lacked the required horsepower for the unit. Mr. Willis' handout explained Volvo's position on horsepower rating requirements and clarified hydraulic and torque needs when working with a highway class paver. The documentation intended to assure WYDOT that the stated horsepower difference between the two pavers was negligible and will not have any impact on the paver performance during paving applications.

Messrs. Willis and Eastwood explained the comparisons between the Volvo BLAW-KNOX P7110B D8J engine versus the Cummins (Vogele) QSB6.7 engine, claiming that the Volvo engine delivers a higher RPM while using less fuel and generating less noise. According to Mr. Eastwood, the Volvo engine delivers 907 foot-pounds of continuous peak torque versus the Cummins engine at 850 foot-pounds of intermittent peak torque. Mr. Eastwood also shared that "horsepower is how fast you get to the wall, and torque is how far it takes you through it. Torque is what does the work."

Commissioner Schmidt asked if the bid specified whether the paver must be a 2019 model. Mr. Wenger, the state equipment manager, indicated the bid specifications require the paver to be current model, but no year is specified.

Commissioner Schmidt asked if a pre-bid meeting was held for Bid No. 19-143MD. Mr. Byrne indicated a pre-bid meeting was not held since the purpose of the clearly written specifications is to cover all aspects of the equipment being bid, so a pre-bid meeting is not needed.

Commissioner Espy voiced concern about the WYDOT specifications dwelling on horsepower, not torque. Commissioner Espy also questioned Honnen Equipment's 14-day delivery promise. All other bidders offered 45-day to 280-day deliveries, and he was concerned about the potential perception of Honnen's bid being preferred because of expedited delivery.

Mr. Curry of Honnen Equipment spoke in support of their bid, and indicated his company responded to the bid advertisement in accordance with the written specifications. Mr. Wright, also representing Honnen Equipment, indicated their company has bid on these types of pavers before, they followed the specifications, and submitted their bid as required.

Mr. Wenger advised that in addition to not meeting the horsepower specifications, Tri-State Equipment also did not acknowledge receiving the addendum regarding a change in the bid opening date, which is also a requirement in the bidding process. There were also several other criteria not met in Tri-State's bid, including the requirement of an auto-lubrication system, automatic dual grade and slope controls with a minimum of five non-contacting sonic sensors, and an averaging ski. Rather, Tri-State Equipment provided some vague information with their bid showing two different systems, but they did not identify the exact system to be provided with the paver.

Mr. Wenger indicated that WYDOT typically specifies horsepower in its bids, not torque.

It was recommended by Mr. Byrne, moved by Commissioner Schmidt, and seconded by Commissioner Dolezal to approve purchase for Bid No. 19-143MD to furnish one each track-type asphalt paving machine, for delivery at the WYDOT facility in Casper. The bid was awarded to Honnen Equipment Company, of Mills, Wyoming, for the sum of \$446,850.00. Vice Chairman Newton and Commissioner Espy voted no.

Commissioner Pfrangle returned to the meeting.

Chairman Larson called for the vote on Bid No. 19-143MD. Commissioner Pfrangle recused himself from the vote because he was not in the meeting during the discussion about the bid. The bid was awarded to Honnen Equipment on a 3-2 vote.

Messrs. Willis, Eastwood, Curry, Wright, Balster, Freier, Wenger, Uhrich, and Goddard left the meeting.

7. Ms. Carlson presented the Chief Engineer's report.

Change Order Approval: Change Order No. 6 for \$300,000 was approved on April 18, 2019, for the North Federal Boulevard project in Riverton. In accordance with WYDOT's Context

Sensitive Amenities (CSA) policy, the City of Riverton requested that the CSA funding be applied toward the roadway lighting to be installed along the project. The city is not required to provide any matching funds for the CSA portion of the project work.

Wyoming Highway 20, Medal of Honor Highway: SJ0009, Medal of Honor Highway, was approved during the 2019 legislative session. The Medal of Honor is “the nation’s highest award for valor presented to veterans of the Armed Forces of the United States for acting with conspicuous gallantry and intrepidity above and beyond the call of duty at the risk of one’s life during combat with an enemy of the United States.”

The SJ0009 resolution designates U.S. Highway 20 from the Montana-Wyoming border to the Wyoming-Nebraska border as the Medal of Honor Highway to honor current and future Medal of Honor recipients. WYDOT is responsible for placing and maintaining suitable markers along the route. The resolution indicates that WYDOT may accept money from and may enter into agreements with veterans and other groups to create, install, and maintain the signs.

Ms. Carlson shared with the Commission a quarter-size example of the proposed Medal of Honor highway sign. The estimated cost to build and install 14 signs along the route is \$25,000. WYDOT will maintain the signs in the future.

Ms. Carlson recommended that WYDOT enter into an agreement with the Wyoming Veteran’s group to cover 50 percent of the cost to fabricate and install the 14 Medal of Honor signs with costs not to exceed \$15,000 to the Wyoming Veteran’s group. WYDOT will bear the responsibility and the future maintenance and replacement costs of the signs.

Commissioner Filer shared that the cost to WYDOT does not compare to the sacrifice Medal of Honor recipients have made to this country. It was moved by Commissioner Filer and seconded by Commissioner Espy that the Wyoming Veterans’ group provide 25 percent matching funds for the fabrication and installation of the 14 Medal of Honor Highway signs.

Senator Pappas explained that, with the passage of SJ0009, the legislature did not want to place an unfunded mandate on WYDOT, albeit a relatively small amount, and that the veterans have committed to raising funds for the project if WYDOT cannot appropriate adequate funding.

Commissioner Espy withdrew his second to the above motion that the Wyoming Veterans’ group provide 25 percent matching funds for the fabrication and installation of the 14 Medal of Honor Highway signs.

Commissioner Filer amended his motion to have WYDOT cover 100 percent of the cost to fabricate, install, and maintain the Medal of Honor Highway signs while allowing WYDOT to accept donations from the Wyoming Veterans’ group if they are able to raise funds for the project. Commissioner Espy seconded this motion, and the motion unanimously carried.

Beartooth Highway Bid Letting: The U.S. Central Federal Lands Highway Division (CFLHD) opened bids for the Beartooth Highway project. The CFLHD engineer’s estimate for the project

was \$15.4 million. The lowest bid was from Missouri River Contractors, of Helena, Montana, for \$27.8 million. The project was bid with alternate bid items that can be removed from the job, but WYDOT is still about \$13 million short of being able to award and construct the project. WYDOT received a \$16.6 million Transportation Investments Generating Economic Recovery (TIGER) grant for the project. The Department recently received \$27 million for bridge rehabilitation and replacement work, of which some could potentially be used to supplement the cost, but the bridge rehabilitation and replacement funds require at least 10 percent matching funds. The Beartooth Highway is not within state jurisdiction, so the Department cannot utilize state highway funds for the project.

Ms. Carlson and Mr. Cawley will meet with CFL next week to discuss various options to get the project underway. Ms. Carlson will update the Commission about this topic at its June 20 meeting.

8. Mr. Cawley presented an update on FHWA topics.

New FHWA Administrator: On March 28, 2019, Ms. Nicole Nason received U.S. Senate confirmation to serve as the new FHWA administrator, and she was sworn in on May 7, 2019. Ms. Nason previously served as the U.S. Department of State, Bureau of Administration assistant secretary; National Highway Traffic Safety Administration administrator from 2006 to 2008; and as the U.S. Department of Transportation's assistant secretary for government affairs from 2003 to 2006.

2019 BUILD Grant Notice of Funding Opportunity: The 2019 BUILD discretionary grant program notice of funding opportunity was published in the Federal Register on April 22, 2019. Grant applications are due by July 15, 2019, 8:00 pm (EDT). Eligible BUILD grant applicants include state, local governments, tribal governments, U.S. territories, transit agencies, port authorities, metropolitan planning organizations, and other public subdivisions of state or local governments. Eligible projects are capital projects that include, but are not limited to:

- Road or bridge projects eligible under Title 23, United States Code;
- Public transportation projects eligible under Chapter 53 of Title 49, U.S. Code;
- Passenger and freight rail transportation projects;
- Port infrastructure investments (including inland port infrastructure and land ports of entry); and
- Intermodal projects.

The minimum award is \$1 million for rural projects. The maximum project award is \$25 million, and a single state cannot be awarded more than \$90 million. Eligible applicants can submit up to three projects. In 2019, \$900 million has been appropriated and will be available for obligation through September 2021.

9. Mr. Brown presented the Engineering and Planning report in Mr. Fulton's absence, beginning with the bid tabulations from the letting held May 9, 2019, in Laramie.

Federal projects SIB-ACNHPP-N104066, ARSCT-N104A08, and STP-E-N104079 combined, involving grading, draining, placing bases, bituminous pavement surfacing, plant mix wearing course, full depth reclamation, bridge replacement, post-tensioned precast concrete retaining walls, and miscellaneous work on approximately 3.50 miles of US 26/89, beginning at reference marker (RM) 141.59, between Hoback Junction and Jackson, in Teton County. Completion date: July 31, 2022

Engineer's Estimate	\$53,375,295.00
Oftedal Construction, Inc., Casper, WY	\$67,484,899.75 +26.4%
Wadsworth Brothers Construction Co., Draper, UT	\$71,350,726.74

This project will complete WYDOT's 20-year effort to rebuild the US 26/89 corridor between the Hoback Junction and South Park Loop Road, south of Jackson.

Mr. Brown explained that the engineer's estimate was significantly lower than the bids on this project because of seven major bid items related to the slide repair, the post-tension concrete wall panels, and paving. The two bids are within 5.7 percent of each other.

Mr. Brown indicated that paving costs, a sub-quote to bidders on this project, have been rising statewide in recent months. Asphalt binder prices were also higher than expected. The post-tension concrete wall panels are a specialized item used on the project to support the road and bike path along the route. About 100 wall panels for the project will be fabricated out of state and shipped by truck to the job site.

Complexity and sequencing of the landslide repair on the project resulted in higher costs for excavation and crushed backfill materials than WYDOT estimated.

The final slide repair design is the most complex mechanically stabilized landslide remediation system ever attempted by WYDOT. It combines coupled shear piles, drilled shaft supported slabs, tieback ground anchors, reinforced soil slopes, and mechanically stabilized earth walls. Most WYDOT slide repairs involve only one or two of these methods, and certainly not all these items at once. Sequencing of construction is also critical. No more than 100 feet of excavation can be exposed at one time to maintain slope stability, which impacts the contractor's production rates.

Specialized equipment will be transported from the Pacific Northwest for the drilled shaft foundation work, as there are few qualified contractors around the country to perform this function. Mobilization was higher primarily due to the cost of the slide repair since both bidders provided similar quotes for the mobilization bid item. The project completion date is mid-summer of 2022, which generates significant lodging or housing expenses for workers in Teton County.

Mr. Brown met with the assistant chief engineer for engineering and planning and the Contracts & Estimates engineer regarding the difference between the engineer's estimate and the low bid,

and they agreed that the engineer's estimate is low and that a higher cost is justified because of the complexities and risks involved with the work.

Mr. Jeff McDonald of Oftedal Construction spoke in support of their bid and explained some of the difficulties and complexities in bidding this project.

It was recommended by Mr. Brown, moved by Commissioner Newton, seconded by Commissioner Dolezal, and carried that Oftedal Construction, Inc., Casper, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision. Commissioner Espy voted no.

Mr. Cawley advised that this Hoback to Jackson project is very complex and rare in Wyoming, which made it tough to evaluate and estimate. If WYDOT encounters projects like this one in the future, Mr. Cawley indicated the FHWA is willing to assist in determining the best method for determining a more accurate engineer's estimate.

Federal project NHPP-N372047, involving grading, draining, placing base, bituminous pavement surfacing, and miscellaneous work on approximately 0.50 mile of US 14, beginning at RM 81.24, between Burgess Junction and Dayton, in Sheridan County. Completion date: November 30, 2019

Engineer's Estimate	\$2,769,116.00	
Wilson Bros. Construction, Inc., Cowley, WY	\$2,873,584.25	+3.8%
High Country Construction, Inc., Lander, WY	\$3,374,920.41	

It was recommended by Mr. Brown, moved by Commissioner Newton, seconded by Commissioner Filer, and carried that Wilson Bros. Construction, Inc., Cowley, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision.

Federal projects NHPP-BR-B191004 and STP-BR-4200016 combined, involving grading, placing crushed base, concrete slab replacement, bridge rehabilitations, and miscellaneous work at various locations in Transportation District 1, including Albany and Laramie counties. Completion date: August 31, 2020

Engineer's Estimate	\$2,131,817.50	
S & S Builders, LLC, Gillette, WY	\$1,923,945.65	-9.8%
Reiman Corp., Cheyenne, WY	\$1,974,044.46	

It was recommended by Mr. Brown, moved by Commissioner Schmidt, seconded by Commissioner Filer, and carried that S & S Builders, LLC, Gillette, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission

of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision.

Federal project STP-BR-1104015, involving grading, placing crushed base and bituminous pavement surfacing, removal and replacement of structures, and miscellaneous work on 0.15 mile of WYO 215, beginning at RM 0.89, between Pine Bluffs and Albin, in Laramie County. Completion date: July 31, 2020

Engineer's Estimate	\$2,105,857.00	
Reiman Corp., Cheyenne, WY	\$1,678,747.40	-20.3%
S & S Builders, LLC, Gillette, WY	\$2,034,210.15	
Dietzler Construction Corporation, Yoder, WY	\$2,088,338.00	

It was recommended by Mr. Brown, moved by Commissioner Filer, seconded by Commissioner Pfrangle, and carried that Reiman Corp., Cheyenne, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision.

Federal project HSIP-B199003, involving upgrading traffic signal systems and miscellaneous work at various locations in Transportation Districts 2 and 4, including Campbell and Natrona counties. Completion date: November 30, 2019

Engineer's Estimate	\$1,455,895.00	
Cache Valley Electric Company, Salt Lake City, UT	\$1,535,879.00	+5.5%
Casper Electric, Inc., Casper, WY	\$1,559,999.84	
Modern Electric Co., Casper, WY	\$1,637,521.00	

It was recommended by Mr. Brown, moved by Commissioner Newton, seconded by Commissioner Schmidt, and carried that Cache Valley Electric Company, Salt Lake City, Utah, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision.

Federal project STP-BR-B195030, involving grading, placing crushed base, and bituminous pavement surfacing, bridge rehabilitation, and miscellaneous work at various locations in Transportation District 5, including Fremont County. Completion date: July 31, 2020

Engineer's Estimate	\$1,132,499.50	
Reiman Corp., Cheyenne, WY	\$1,168,945.67	+3.2%
Gerber Construction, Inc. & subsidiary, Lehi, UT	\$1,620,475.70	
S & S Builders, LLC, Gillette, WY	\$1,998,513.00	

It was recommended by Mr. Brown, moved by Commissioner Schmidt, seconded by Commissioner Espy, and carried that Reiman Corp., Cheyenne, Wyoming, having prequalified in

accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision.

Federal project STP-P352034, involving grading, placing bases, bituminous pavement surfacing, concrete ditch paving, guardrail, and miscellaneous work on approximately 0.20 miles of US 14A, beginning at RM 84.83, between Lovell and Burgess Junction, in Big Horn County. Completion date: November 30, 2019

Engineer's Estimate	\$1,101,695.00	
Wilson Bros. Construction, Inc., Cowley, WY	\$1,362,785.05	+23.7%
Simon Contractors and its subsidiaries, Cheyenne, WY	\$1,633,298.00	

It was recommended by Mr. Brown, moved by Commissioner Schmidt, seconded by Commissioner Dolezal, and carried that Wilson Bros. Construction, Inc., Cowley, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision. Commissioner Espy voted no.

Federal project STP-GM-B181006, involving grading, placing crushed base, concrete pavement, cattle guards, and miscellaneous work at various locations in Transportation District 1, on WYO 70, beginning at RM 17.90, in Carbon County. Completion Date: October 31, 2019

Engineer's Estimate	\$615,950.00	
71 Construction, Casper, WY	\$573,931.51	-6.8%
S & L Industrial, Cowley, WY	\$577,031.30	
Rocky Mountain Sand & Gravel, LLC, Cheyenne, WY	\$717,738.60	

It was recommended by Mr. Brown, moved by Commissioner Espy, seconded by Commissioner Newton, and carried that 71 Construction, Casper, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder. The Federal Highway Administration concurred with this decision.

State project SCP-TRFSN19, involving the removal and replacement of signs and miscellaneous work at various locations along I-80 in Transportation Districts 1 and 3, including Albany, Carbon, Laramie, Sweetwater, and Uinta counties. Completion date: October 31, 2019

Engineer's Estimate	\$154,340.00	
S & L Industrial, Cowley, WY	\$136,990.00	-11.2%
Cache Valley Electric Company, Salt Lake City, UT	\$182,075.65	
Plus 5% for comparison	\$191,179.43	

It was recommended by Mr. Brown, moved by Commissioner Dolezal, seconded by Commissioner Filer, and carried that S & L Industrial, Cowley, Wyoming, having prequalified in

accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder.

Mr. McDonald left the meeting.

10. Highway Development 101: Mr. Brown briefed the Commission about WYDOT's Highway Development Program.

The Highway Development Program employs 71 full-time employees and 11 part-time University of Wyoming student interns. The program has three sections, Project Development, Photogrammetry and Surveys, and Engineering Services.

Project Development is responsible for road design. They prepare final contract plans for bidding highway construction projects and deliver about 90-120 projects to letting each year. As part of the design process, Project Development compiles the design elements from the other engineering and planning programs along with field recommendations to develop the contract plans.

The Utilities Section is part of the Project Development Section, and its employees work with utility companies to mediate highway construction and maintenance operation impacts and to obtain utility service needed for department facilities. The Utilities Section worked on 106 projects and processed over 350 utility licenses last year. The Utilities Section is currently working on an online utility permitting system.

The Photogrammetry & Surveys Section provides engineering-grade surveying and mapping products for use in roadway design. In 2018, Photogrammetry & Survey crews surveyed 12 projects, 7 landslides, and 3 pits/quarries. Photogrammetry flew 61 locations consisting of 16 projects, 41 landslide locations and systems photography for 2 counties. They also compiled mapping for 22 projects and 133 updates on various projects.

Consultant Services is part of the Engineering Services Section, and it manages consultant agreements, invoices, and payments, ensuring compliance with statutory and regulatory requirements and department policies and procedures. They also assist other WYDOT programs that need to hire professional services. In 2018, Consultant Services processed 949 payments on 104 agreements with 66 consulting firms.

The Standard Plans/Architectural Projects Unit is also part of Engineering Services. The Standard Plans Unit develops and publishes WYDOT's standard plans, provides technical expertise on roadside safety, and architectural expertise for building projects. In 2018, the Standard Plans Unit solicited \$550,000 from the Montana Department of Transportation (MDT) and the WYDOT Research Advisory Committee to fund research to develop American Association of State Highway and Transportation Officials Manual for Assessing Safety Hardware crash-tested guardrail transitions to new high-performance bridge rail to be used by WYDOT and MDT.

The Project Development Section also oversees the computer-aid drafting and design software used by Department employees to design road and bridge projects. The CADD industry is rapidly changing and will soon move toward 3D design, which provides a significant challenge for the Department.

Mr. Brown indicated his program has experienced a 20 percent turnover in the last two years because of retirements and individuals seeking other opportunities.

Mr. Babbitt left the meeting.

11. Mr. Gillett presented the Operations report.

Construction Update: The construction season is underway with 6 active projects in District 1, 10 in District 2, 10 in District 3, 15 in District 4, and 11 in District 5, for a total of 52 projects statewide.

The Wyoming Game and Fish Commission has committed \$1.2 million to help construct wildlife crossings, and identified Dry Piney Creek on US 191, north of LaBarge, as a priority for new fencing and two underpass crossings. The estimated cost of this project is about \$5.5 million.

District 1 personnel recently participated with other stakeholders in a three-day concept-design workshop for the future I-25/I-80 interchange project. The estimated cost to reconstruct the interchange is at least \$120 million.

Maintenance Update: Districts 1, 4, and 5 are working to open mountain passes on WYO 130 and US 14A. As in past years, WYDOT will attempt to have those passes open by Memorial Day.

WYDOT performed eight man-made avalanche missions in Teton County over the past month. The controlled avalanches did require closing Teton Pass. Hoback Canyon was closed for one day due to an avalanche that came onto the roadway.

Mr. Gillett noted that WYDOT spent more time and funds on snow and ice removal than in any of the past five years.

Wyoming received average snowfall this winter, with no reported spring flooding. Mr. Gillett anticipates a steady runoff from snow melt, but will keep the Commission apprised of any flooding that may occur.

WYDOT's hot plant will be moved to Guernsey soon, and District 2 will begin its patching operations in early June. Other districts will receive patching material from various commercial sources statewide.

A weight restriction was placed on WYO 191 between Kaycee and Mayoworth last month because heavy truck traffic was causing the road surface to crumble. The road was repaired and the restriction was removed.

WYDOT Snow Plow Crashes: The Commission received a handout depicting snowplow crash statistics over the past five years. During the 2018-2019 winter season, WYDOT snowplows have been involved in 28 crashes, of which 16 were caused by other drivers. Statistics show that most snowplow hits occur in December, January, and February each year.

Traffic Operations Update: Each district has two striping trucks, and striping crews are actively working throughout their districts to restripe highways.

Sign and electrical crews have also started their summer activities.

Mechanics Update: Mechanics are transitioning from winter equipment repairs and upkeep to preparing equipment for summer operations.

Winter equipment repairs were more prevalent than normal this past winter season. Mr. Gillett acknowledged the mechanic crews statewide for their quick and hard work in keeping maintenance operations going through the winter months.

WYDOT Facilities Update: All Wyoming rest areas are now open. The South Pass Rest Area is experiencing a water supply issue, which may necessitate closing that facility to repair a water leak. The anticipated duration of that closure is less than one day.

The roofs are leaking on the Fort Steele Rest Area and the Elk Mountain and Saratoga shops. Inspections are being conducted on those facilities to determine the extent of the repairs.

Mr. Cody Beers, the District 5 Public Relations Specialist, is presenting tribal safety messaging in San Diego this week at the National Highway Traffic Safety Administration's National Tribal Symposium. Mr. Beers' invitation to speak at this convention stems from his extraordinary work with Wyoming's Wind River Tribes over the years.

Mr. McGee left the meeting.

14. Colonel Haller presented the Highway Patrol report.

The Fatal Crash Summary through April 30, 2019, includes 39¹ fatal crashes involving 52¹ deaths. The fatalities include 16 rollover crashes, 28 multi-car crashes, 2 motorcycles, an all-terrain vehicle, and 5 pedestrians. Of the 39 fatal crashes that have occurred in 2019, 14² involved commercial vehicles.

¹ Numbers at the time of reporting; final numbers may change.

² Number not included in total deaths (sub-crash data).

There were 8³ fatal crashes deemed drug- or alcohol-related, resulting in 14³ deaths. Of those deaths, 11³ were attributed to not using occupant restraints. Three were rollover crashes, 8 were multi-car crashes, 2 involved motorcycles, and one involved a pedestrian. None² of the 14 drug- or alcohol-related fatalities involved commercial vehicles.

Of the 52 deaths that have occurred this year, 20 can be attributed to the non-use of occupant restraints, with 11 involving rollover crashes and 9 involving multi-car collisions. Thirteen of those who died from the non-use of occupant restraints were Wyoming residents. Six of those who perished were under 21 years of age, and one of those fatalities was attributed to the failure to use proper occupant restraints.

Of the 52 fatal crashes that have occurred this year, 16 of them occurred on primary/secondary highways, 19 occurred on interstate highways, and 4 occurred on city/county roads.

Ten multiple-fatality crashes have occurred on Wyoming highways in 2019, of which all of them involved multiple vehicles, three involved a commercial vehicle, and three were alcohol related.

In locations where rumble strips/stripes were present, there were 15⁴ crashes. There were 15⁴ crashes where rumble strips/stripes were not present.

Inclement weather or road conditions contributed to five vehicle crashes in 2019, which resulted in seven deaths. Speed was considered a factor in seven of the vehicle crashes that caused nine deaths.

The days of the week for fatal crashes in 2019 were as follows:

Sunday	2 crashes
Monday	4 crashes
Tuesday	10 crashes
Wednesday	6 crashes
Thursday	5 crashes
Friday	4 crashes
Saturday	8 crashes

The times of day for fatal crashes in 2019 were as follows:

12:00 a.m. to 6:00 a.m.	3 crashes
6:00 a.m. to 12:00 p.m.	13 crashes
12:00 p.m. to 6:00 p.m.	17 crashes
6:00 p.m. to 12:00 a.m.	6 crashes

³ Not all chemical tests were available at the time of reporting.

⁴ Numbers at the time of reporting from submitted crash reports.

Of the 39 fatal crashes this year, one crash was attributed to distracted driving. It is unknown whether distraction was a contributing factor in 15 of the 39 crashes.

The following statistics were also provided to the Commission:

- 63 percent of those who died in rollover crashes were unbelted.
- 32 percent of all those who died in multi-vehicle crashes were unbelted.
- 63 percent of the fatalities in 2019 were drivers.
- 29 percent of fatalities this year have been passengers.
- 50 percent of the resident fatalities were unrestrained.
- 13 percent of the non-resident fatalities were unbuckled.
- Alcohol and/or drug impairment was a factor in 27 percent of the fatalities.

Patrol-Investigated Crash Summary: The Patrol-Investigated Crash Summary depicts 2,068 crashes statewide, of which 1,373 involved non-commercial vehicles, and 695 involved commercial vehicles.

The Commission received a pin map depicting the locations of the 2019 fatal crashes.

Colonel Haller testified before the JTC this week that the lack of seat belt use and distracted driving are major contributing factors in Wyoming's increased fatality rate. Colonel Haller advised it has become quite apparent that the current statute regarding texting while driving needs updating.

May is "May Mobilization Month," which is an opportunity to encourage proper safety restraint use. The WHP plans to increase its media campaign to encourage seat belt use and discourage distracted driving. Patrol will also increase its presence over the Memorial Day weekend to encourage safety on Wyoming's highways.

WHP Vehicle Involved in a Crash: On May 9, 2019, a WHP vehicle was sideswiped while completing a traffic stop on I-25 near Douglas. A seasoned trooper and a trooper in training had just returned to their patrol vehicle when the driver of a Dodge Challenger lost control of his vehicle on the slush-covered roadway. The troopers had just re-fastened their seatbelts when the incident occurred. The troopers sustained minor injuries in the crash, and they were treated and released from the hospital.

Governor's Council on Impaired Driving Conference: The WHP hosted the Governor's Council on Impaired Driver Conference last week. Various law enforcement entities, recovery specialists, and prosecutors from around the state attended the conference. Eight WHP members were recognized at the conference for their extraordinary work.

National Peace Officers' Memorial Week: Colonel Haller and Director Reiner plan to attend the National Peace Officers' Memorial Week ceremony in Douglas on May 17 to pay tribute and honor the 163 law enforcement officers who lost their lives in the line of duty in 2018.

15. Mr. Olsen presented the Aeronautics report beginning with the April 2019 Aeronautics Flight Operations Passenger Summary Report.

Capacity Purchase Agreement (CPA): WYDOT Aeronautics staff met with SkyWest Airlines on May 13, 2019, to further the CPA negotiations. Mr. Olsen anticipates having the CPA finalized by June 30.

Federal Supplemental Discretionary Aviation Grants: The federal government appropriated an extra \$1 billion in the 2018 federal omnibus spending bill for airport improvement projects around the country. The government released the first \$200 million in September, and subsequently released the remaining \$800 million yesterday.

Wyoming received about \$16.7 million in grant funding for airports, which will be distributed over three projects. One project involves the reconstruction of the aircraft firefighting, rescue, and training facility at the Casper Regional Airport. The facility will likely become a regional training center, as Denver and Utah will soon close their training facilities similar to this one. Another project will rehabilitate a runway at the Rawlins Airport, and the third project will reconfigure and extend taxiways at the Torrington Airport.

16. Mr. Rossetti presented the Support Services report.

Employment Summary: WYDOT employed 1,929 personnel as of May 7, 2019, compared to 1,923 a month ago and 1,902 one year ago. There are currently 74 WYDOT positions advertised statewide, of which 56 are field positions, of which 11 are temporary positions for summer help.

Federal Motor Carrier Safety Administration (FMCSA) Changes to Commercial Driver's License (CDL) Requirements: HJ0002, Commercial Driver's License – Compact Agreement, passed during the 2018 Wyoming legislative session. HJ0002 asks the U.S. Congress to enact legislation permitting western states to enter into a voluntary compact to establish a graduated commercial driver's licensing program that would allow commercial drivers between 18 and 21 years of age to operate a commercial motor vehicle in a consenting, contiguous state.

On May 14, 2019, the FMCSA officially announced its intentions to move forward with a plan that would allow 18-year-olds to operate commercial vehicles inter-state by asking for public comment on their pilot program. WYDOT is working with the Highway Patrol to draft a letter of support, to include suggestions for some necessary safety recommendations for the program.

The U.S. Military Department already has a similar program in place. Mr. Rossetti noted that WYDOT currently has the ability to hire military personnel without them having to re-test for a CDL, as long as they can show proficiency through a skills test. Some individuals from certain military occupations are eligible for a CDL without having to take a knowledge or skills test.

17. Mr. Lewis presented the Chief Technology Officer's report.

WyoLink Site Update: Mr. Lewis presented the May 2019 WyoLink tower site location update.

Mr. Lewis thanked the Commission and his peers for the opportunity to serve with them as WYDOT's chief technology officer for the last three years. Chairman Larson thanked Mr. Lewis for his 26 years of service to the State of Wyoming.

18. It was moved by Commissioner Schmidt, seconded by Commissioner Filer, and carried to adjourn the meeting. Chairman Larson adjourned the meeting at 5:29 p.m., on Thursday, May 16, 2019.