

## TRANSPORTATION COMMISSION OF WYOMING

The Transportation Commission of Wyoming met in the Commission Room of the Wyoming Department of Transportation (WYDOT) Headquarters building, 5300 Bishop Boulevard, in Cheyenne on November 15, 2018. Vice Chairman Larson convened the business meeting at 8:30 a.m. The following members were present constituting a quorum:

Mike Larson, Vice Chairman, Lusk  
Todd Seeton, Commissioner, Jackson  
Rick Newton, Commissioner, Buffalo  
Louie Pfrangle, Commissioner, Worland  
Phil Schmidt, Commissioner, Casper  
Jim Espy, Commissioner, Savery  
Sandra J. Scott, Commission Secretary

Others present and participating in the meeting: Dennis Byrne, Chief Financial Officer; Shelby Carlson, Chief Engineer; Keith Fulton, Assistant Chief Engineer for Engineering and Planning; Mark Gillett, Assistant Chief Engineer for Operations; Taylor Rossetti, Support Services Administrator; Brian Olsen, Aeronautics Administrator; Pat Lewis, Chief Technology Officer; Colonel Kebin Haller, Highway Patrol Administrator; Mike Kahler, Supervising Attorney General; Sam Voyles, Assistant Attorney General; Rodney Freier, Budget Program Manager; Bryan Cawley, Division Administrator, Federal Highway Administration (FHWA); Quint Davis, Chief Estimator, Simon Contractors, of Cheyenne; and Bryson Gambrel, Division Manager for Paving Operations, Croell, Inc., of Sundance (via telephone).

Other meeting attendees: Rhonda Harsy, Financial Services Program Manager; Dan Tolman, Information Technology Program Manager; Christina Spindler, Assistant State Traffic Engineer; and Keith Tupper, Traffic Signal Communications Specialist.

Chairman Bob Ruwart, of Wheatland, and Director William T. Panos were absent.

Vice Chairman Larson led the meeting in Chairman Ruwart's absence.

1. Pledge of Allegiance: Vice Chairman Larson led the attendees in the Pledge of Allegiance.

2. Approval of Minutes: It was recommended by Secretary Scott, moved by Commissioner Seeton, seconded by Commissioner Espy, and carried to approve the minutes from the October 18, 2018, breakfast meeting, business meeting, and education session.

3. Correspondence: Secretary Scott presented a letter from Ms. Norma Munoz, of Laramie, regarding access to her property on Highway 287 south of Laramie. The Access Review Committee (ARC) considered and initially denied the request in July 2018 because allowing the access would violate spacing requirements. The committee also did not believe all other reasonable options for gaining access to the property had been exhausted. Ms. Carlson advised that the committee continues to work with Ms. Munoz and may reconsider the request when more information is received.

Secretary Scott presented a letter from Ms. Michelle Edwards, WYDOT District Traffic Engineer in Sheridan, that contained results from a traffic analysis that was conducted on the WYO 50 (Skyline Drive) and Boxelder Road intersection in Gillette. The analysis was in response to an August 28 letter from the City of Gillette expressing safety concerns about the intersection. Ms. Edwards' letter detailed crash history, traffic signal, sight distance, lighting, speeds, and signage at the intersection. The conclusion was that the low traffic volume in the area did not warrant a traffic signal installation or other improvements at the intersection.

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

Monthly Budget Report: Mr. Freier presented the monthly budget report. The October 2018 budget report revealed that the Commission budget is 4 percent expended, and the Legislative budget is 9 percent expended, which is within budget tolerances.

5. It was recommended by Mr. Byrne, moved by Commissioner Espy, seconded by Commissioner Newton, and carried to move Bid Numbers 18-252AC and 19-005MD and Requisition No. 0000051853 to a consent list.

It was moved by Commissioner Espy, seconded by Commissioner Seeton, and carried to approve, by consent, the following bid items:

- Bid No. 18-252AC to furnish and install fiber optic communications for traffic signals, for use by the WYDOT Traffic Operations Program. The bid was awarded to Advanced Communications Technology, Inc. (ACT), of Sheridan, Wyoming, for the sum of \$1,596,495.90.
- Bid No. 19-005MD to furnish 38 each Dodge Charger all-wheel-drive patrol sedans with police package, for patrol operations statewide. These vehicles will be delivered to Evans, Colorado, for necessary specialized equipment installations. The bid was awarded to Sheridan Motors, Inc., of Sheridan, Wyoming, for the sum of \$961,818.00.
- Requisition Number 0000051853 to furnish 17 each Force America 6100 Ultra hydraulic packages for tandem axle snow plow trucks, for delivery in Cheyenne. The bid was awarded to Force America, Inc., of Burnsville, Minnesota, for the sum of \$371,151.00.

Mr. Freier left the meeting.

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

Prieto Request for Access on Highway 287: Ms. Norma Munoz, of Laramie, wrote a letter to the Commission regarding access to her client's property on Highway 287 south of Laramie. The ARC considered and initially denied Ms. Munoz's request in July 2018 because allowing the access would violate mandatory spacing requirements. Since then, Ms. Munoz has received and provided letters from adjacent landowners who have denied her access across their land. Those letters were provided to WYDOT for further consideration.

Ms. Carlson asked the ARC to review the additional information provided and to reconsider the request, but the ARC still believes allowing the access would cause an unsafe situation.

Ms. Carlson indicated she will investigate the matter further, and that if a reasonable solution is not found, Ms. Munoz may want to bring the matter before the Commission.

Response to City of Gillette Concerns Regarding WYO 50 and Boxelder Road Intersection: In August 2018, Mr. Patrick Davidson, Gillette City Administrator, wrote a letter to the district engineer, and copied Commissioner Newton, regarding safety concerns at the intersection of Highway 50 at Boxelder Road in Gillette. WYDOT's District 4 traffic personnel conducted a traffic study of the intersection. The study concluded that the intersection did not warrant a traffic signal or other improvements, but signage will be installed to warn drivers of an approaching intersection. District traffic personnel will monitor the intersection as traffic volume changes.

Hoback Ranches Estate Update: Sublette County asked WYDOT and some other state agencies to assist with minimal cleanup of the Hoback Ranch Service and Improvement District. The Roosevelt Fire caused catastrophic damage in the area.

WYDOT met with the Wyoming Office of Homeland Security, the Department of Environmental Quality, and the Hoback Ranch Service and Improvement District and the Department to assess the damage. WYDOT provided an inspection report, which included short- and long-term recommendations. Roadway erosion mitigation began October 31, and the work was completed November 6, 2018.

Truck Arrestor CatchNET System: Ms. Carlson provided information about CatchNET truck arrestor systems. There are 15 truck arrestor systems around the world, of which seven are in the United States. One is located in Massachusetts, one in Connecticut, three in Hawaii, and two are in Wyoming.

The US 16 CatchNET system west of Buffalo has been used seven times since its installation in 2004. This device has been used more than any other system worldwide. The arrestor system on Teton Pass has been used four times since its installation in 2017, which deems it as the highest rate of usage of the CatchNET systems worldwide. Of all the times the arrestor systems have been used in Wyoming, only one vehicle could not be driven off the mountain.

Ms. Carlson noted that drivers are sometimes apprehensive to utilize the CatchNET systems because the travel lane where the nets are installed often does not appear long enough. A campaign was conducted with Wyoming trucking companies on the west side of the Big Horn Mountains to educate and encourage drivers to use the arrestor system near Buffalo, if needed. Commissioner Seeton suggested installing some type of wall at the end of the CatchNET to give drivers an indication of the actual length of the pathway.

Talking points about the truck arrestor systems have been prepared and will be shared with the Commission.

WYDOT Signage Update: An inquiry was recently received about the condition of Wyoming's tourism and guidance sign inventory. Ms. Carlson advised there are approximately 65,000 signs along Wyoming's highway system. Of all signs statewide, about 2,200 are brown cultural and recreation signs. About 735 of those are non-WYDOT entities, so they are not on the Department's replacement schedule. The Wyoming Game and Fish (WGF) Department owns 441 signs. WYDOT has notified the WGF that about 350 of those signs are worn and they should be replaced. The WGF orders new signs at their discretion, and WYDOT installs them. The WGF reimburses WYDOT for the signs that are installed. The U.S. Forest Service owns and maintains over 100 signs across the state.

WYDOT evaluates about one-third of its highway signs annually in each district. Daytime and nighttime inspections are performed to determine sign condition and reflectivity. Depending on site conditions, the expected lifespan of a sign is about 10 years. WYDOT's current cost to manufacture signs is about \$12 per square foot. The cost to manufacture all signs in FY 2018 was about \$500,000, and the total cost, including installation, was about \$1.8 million. WYDOT spent about \$2.2 million in FY 2018 to install new permanent signage on construction projects.

State line signs were recently replaced at each entrance to the state. Logo signs were also recently replaced statewide.

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

Every Day Counts-5 Summit: The biennial Every Day Counts-5 (EDC) Summit was held November 5-8, 2018, in Portland, Oregon. The EDC event brings together highway professionals to help identify and support the accelerated deployment of proven innovations. The innovations must be proven to improve safety, increase efficiency and quality, and reduce cost. Twelve individuals from Wyoming represented WYDOT, the Metropolitan Planning Organization, and local public agencies at the EDC, and the event focused on 10 proven innovations. Wyoming's delegation identified unmanned aerial systems, the use of crowd-sourcing to advance operations, virtual public involvement, collaborative hydraulics, and project bundling as innovations with accelerated deployment during the next two years.

According to Mr. Cawley, WYDOT was identified as one of the national leaders with the EDC innovation of weather-responsive management strategies. Department employees will help other highway professionals adopt the innovation.

Updated FHWA Strategic Plan: The FHWA has updated and published its FY 2019-2022 Strategic Plan. A copy of the Strategic Plan was distributed to the Commission and is available on the FHWA website. The FHWA's mission is "to enable and empower the strengthening of a world-class highway system to promote safety, mobility, and economic growth, while enhancing the quality of life of all Americans." The FHWA has established safety, infrastructure, innovation, and accountability as strategic goals for the agency.

Approval of DBE Goal: The FHWA has reviewed and approved WYDOT's methodology for its FY 2019-2021 Disadvantage Business Enterprise (DBE) goal of 4.78 percent, which reflects an

increase of 0.23 percent from the previous goal. WYDOT projects that the new goal will be obtained through race-neutral measures, a method that has historically been used in Wyoming.

Commissioner Schmidt asked how Wyoming's DBE participation compares to other states. Mr. Cawley advised that each state establishes its own goal based on diversity, project-specific goals, and/or the fundamentals of the contracting community and their relationship with their state department of transportation. Wyoming traditionally meets or surpasses its DBE goal each year.

8. Mr. Fulton presented the Engineering and Planning report, beginning with the bid tabulations from the letting held November 8, 2018, in Laramie.

State project SCP-TC-N212115, involving grading, draining, milling plant mix, placing crushed base and bituminous pavement surfacing (recycle), chip seal, fencing, A+B bidding, and miscellaneous work on approximately 14.00 miles of WYO 220, beginning at reference marker (RM) 80.35, between Muddy Gap and Casper, in Natrona County. Completion date: September 30, 2019

Engineer's Estimate	\$5,398,157.00	
JTL Group, Inc. DBA Knife River, Cheyenne, WY	\$5,721,039.50	+6.0 %
Oftedal Construction, Inc., Casper, WY	\$6,260,517.50	
McGarvin-Moberly Construction Co., Worland, WY	\$6,425,943.75	
71 Construction, Casper, WY	\$6,679,309.71	

It was recommended by Mr. Fulton, moved by Commissioner Espy, seconded by Commissioner Schmidt, and carried that JTL Group, Inc. DBA Knife River, Cheyenne, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder.

Federal project STP-0803140, involving grading, draining, placing crushed base and bituminous pavement surfacing, chip seal, bridge rehabilitation, fencing, and miscellaneous work on approximately 7.50 miles of WYO 154, beginning at RM 7.00, just north of the town of Veteran, in Goshen County. Completion date: June 30, 2020

Engineer's Estimate	\$2,895,398.50	
Simon Contractors and its subsidiaries, Cheyenne, WY -- Irregular Bid	\$3,229,647.14	+11.5 %
Croell, Inc., Sundance, WY	\$3,416,306.90	
JTL Group, Inc. DBA Knife River, Cheyenne, WY	\$3,471,669.00	

Mr. Fulton explained that the apparent low bidder on Project STP-0803140, Simon Contractors, made hand-changes to their bid. Changes were made to one unit price, the extended cost for that bid item, and the grand total of the bid was adjusted to compensate for the change. Simon Contractors' bid was read as irregular because they did not change to grand total on the last page of the bid document to match the total on Page 1. Mr. Fulton noted that hand-changes are allowed in accordance with WYDOT's Standard Specifications for Road and Bridge Construction as long as they are made in ink and the change(s) is initialed.

Mr. Fulton believes Simon Contractors' intentions were good and that the irregularity will not put the Department or the contractor at risk. Mr. Kahler concurred with Mr. Fulton's assessment.

It was recommended by Mr. Fulton, moved by Commissioner Espy, and seconded by Commissioner Schmidt, that Simon Contractors and its subsidiaries, of 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.

Mr. Quint Davis, Chief Estimator for Simon Contractors, explained that although the hand-change to his bid caused ambiguity, his company would stand by the unit bid prices and the hand-written total on his bid.

Mr. Gambrel, Division Manager for Croell, Inc., the second low bidder, stated he had nothing further to add to the discussion.

Vice Chairman Larson called for the vote. Federal project STP-0803140 was unanimously awarded to Simon Contractors and its subsidiaries, of Cheyenne, Wyoming.

Federal project STP-2303017, involving grading, milling plant mix, placing crushed base and bituminous pavement surfacing, reclaimed asphalt pavement widening and miscellaneous work on approximately 10.00 miles on WYO 585, beginning at RM 0.04, between Four Corners and Sundance, in Weston County. Completion Date: November 30, 2019

Engineer's Estimate	\$2,880,375.50	
Northern Improvement Company and Sub, Fargo, ND	\$2,477,468.16	-14.0 %
Riverside Contracting, Inc., Missoula, MT	\$2,519,489.30	
McGarvin-Moberly Construction Co., Worland, WY	\$2,639,392.96	
Simon Contractors and its subsidiaries, Cheyenne, WY	\$2,663,706.20	
Bituminous Paving, Inc., Ortonville, MN	\$2,726,938.60	
Croell, Inc., Sundance, WY	\$2,856,978.25	
Border States Paving, Inc., Fargo, ND	\$2,866,733.30	

It was recommended by Mr. Fulton, moved by Commissioner Espy, seconded by Commissioner Schmidt, and carried that Northern Improvement Company and Sub, Fargo, North Dakota, 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.

Mr. Gambrel left the meeting.

Federal project STP-0708028, involving grading, bituminous pavement surfacing, chip seal, and miscellaneous work on approximately 7.00 miles of WYO 135, beginning at RM 17.25, between Riverton and Sand Draw, in Fremont County. Completion date: October 31, 2019

Engineer's Estimate	\$2,874,056.00	
Century Companies, Inc., Lewistown, MT	\$2,715,672.10	-5.5 %
Mountain Construction Company, Lovell, WY	\$3,051,758.90	
Riverside Contracting, Inc., Missoula, MT	\$3,174,771.00	
McGarvin-Moberly Construction Co., Worland, WY	\$3,175,129.73	
H-K Contractors, Inc., Idaho Falls, ID	\$3,333,769.00	

It was recommended by Mr. Fulton, moved by Commissioner Espy, seconded by Commissioner Seeton, and carried that Century Companies, Inc., Lewistown, Montana, 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-PM-B181008, involving milling plant mix, bituminous pavement surfacing, and miscellaneous work at various locations in Transportation District 1, including Carbon and Laramie counties. Completion date: October 31, 2019

Engineer's Estimate	\$2,523,265.00	
JTL Group, Inc. DBA Knife River, Cheyenne, WY	\$2,526,269.55	+0.1 %
Simon Contractors and its subsidiaries, Cheyenne, WY	\$2,863,029.15	

It was recommended by Mr. Fulton, moved by Commissioner Newton, seconded by Commissioner Schmidt, and carried that JTL Group, Inc. DBA Knife River, 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-P551021, involving grading, placing crushed base, and bituminous pavement surfacing (recycle), plant mix wearing course, sidewalk, curb and gutter, electrical work, and miscellaneous work on approximately 1.00 mile of Business I-80 and US 30, beginning at RM 328.52, in the town of Laramie, in Albany County. Completion date: August 31, 2019

Engineer's Estimate	\$2,298,495.75	
Simon Contractors and its subsidiaries, Cheyenne, WY	\$2,446,578.27	+6.4 %
JTL Group, Inc. DBA Knife River, Cheyenne, WY	\$2,800,281.69	

It was recommended by Mr. Fulton, moved by Commissioner Pfrangle, seconded by Commissioner Newton, and carried that Simon Contractors and its subsidiaries, 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.

State project SCP-TC-N343032, involving grading, milling plant mix, bituminous pavement surfacing (recycle), chip seal, and miscellaneous work on approximately 7.00 miles of US 20,

beginning at RM 139.80, between Thermopolis and Worland, in Hot Springs County.  
Completion date: October 31, 2019

Engineer's Estimate	\$2,027,422.00	
Mountain Construction Company, Lovell, WY	\$2,007,987.57	-1.0 %
McGarvin-Moberly Construction Co., Worland, WY	\$2,428,128.35	

It was recommended by Mr. Fulton, moved by Commissioner Schmidt, seconded by Commissioner Pfrangle, and carried that Mountain Construction Company, Lovell, Wyoming, having prequalified in accordance with rules and regulations adopted by the Transportation Commission of Wyoming, be awarded the contract as low bidder.

Federal project NHPPI-I254151, involving grading, guardrail, installing electrical systems, and miscellaneous work at various locations on I-25 and US 387, between Casper and Kaycee, in Johnson and Natrona counties. Completion date: October 31, 2019

Engineer's Estimate	\$1,272,320.50	
Advanced Electrical Contracting, Inc., Sheridan, WY	\$1,409,408.00	+10.8 %
Modern Electric Co., Casper, WY	\$1,491,686.00	
Casper Electric, Inc., Casper, WY	\$1,499,084.00	

It was recommended by Mr. Fulton, moved by Commissioner Newton, seconded by Commissioner Seeton, and carried that Advanced Electrical Contracting, Inc., Sheridan, 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-BROS-CN18057, involving grading, bridge replacement, and miscellaneous work on County Road 179, at the bridge over Arch Creek, RM 4.20, in Crook County.  
Completion date: October 31, 2019

Engineer's Estimate	\$646,557.25	
DRM, Inc., Gillette, WY	\$628,303.95	-2.8 %
Heavy Constructors, Inc., Rapid City, SD	\$650,336.00	
Reiman Corp., Cheyenne, WY	\$668,093.50	
S & S Builders, LLC, Gillette, WY	\$789,589.50	

It was recommended by Mr. Fulton, moved by Commissioner Espy, seconded by Commissioner Pfrangle, and carried that DRM, Inc., 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 and Crook County concur with this decision.

9. It was recommended by Mr. Fulton, moved by Commissioner Newton, seconded by Commissioner Seeton, and carried to approve the following project authorizations:



**LINCOLN COUNTY**

STP-BROS CN12068; Hams Fork River Bridge; bridge replacement; FY 2022; request federal preliminary engineering funds of \$341,000; estimated construction engineering and construction cost is \$723,500

**SUBLETTE COUNTY**

ARSCT B183A01; Pinedale Streets; chip seal; FY 2019; request construction engineering and construction funds of \$222,821; to be reimbursed by Town of Pinedale

10. It was recommended by Mr. Fulton, moved by Commissioner Espy, seconded by Commissioner Schmidt, and carried to approve the following resolution for relinquishment.

**RESOLUTION FOR RELINQUISHMENT**

WHEREAS, under the provisions and authority of W.S. 24-3-126, the Transportation Commission of Wyoming may abandon or relinquish any portion of a state highway upon reconstruction or relocation of an existing state highway; and

WHEREAS, a portion of Wyoming Department of Transportation's right-of-way for First Street River Front, Natrona County, Wyoming, established under Wyoming State Highway Federal Aid Project No. M-4109(2) is no longer needed for state highway or public use purposes. Said portion being described as follows:

PARCEL 14-000189:

A parcel of land situate within the SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub> (Lot 6 and Lot 5 Asbell Addition) of Section 4, T33N, R79W, 6<sup>th</sup> P.M., Natrona County, Wyoming as shown on Exhibit B attached hereto and by this reference made a part hereof and being more particularly described as follows:

Commencing at Corner Number 3 as shown on the Asbell Addition Plat, an addition to the city of Casper, recorded August 27, 1974, in book 254 of Deeds on Page 550 (Instrument# 160003);

Thence N0°36'51'W, along the east line of said Asbell Addition, a distance of 249.55 feet to a point on the east line of said Lot 6 and being the Point of Beginning;

Thence S25°06'24'W, a distance of 318.10 feet to an angle point between Lot 6 and Lot 7 of said Asbell Addition;

Thence S12°38'54'W, a distance of 493.36 feet to an angle point between Lot 6 and Lot 7 of said Asbell Addition, said point also located on the northerly right-of-way line of West First Street;

Thence in a southwesterly direction along the northerly right-of-way line of West First Street and the arc of a non-tangent curve to the left having a radius of 1029.93 feet, through a central angle of 7°36'33", a distance of 136.78 feet, having a chord bearing of S79°28'19'W,

and a distance of 136.68 feet to an angle point of this boundary located on the east line of the Wingfoot Commercial Tire Systems, LLC. Deed recorded January 8, 2001, as Instrument #664037, and being in Lot 5 of said Asbell Addition;

Thence, N15°10'00"E, along the east line of Instrument #664037 and through Lot 5 of said Asbell Addition, a distance of 288.20 feet to an angle point being the southeast corner Lot 2 of the Asbell Addition, and returning the west line of said Lot 6;

Thence N8°47'59"E, along the west line of Lot 6 of said Asbell Addition, a distance of 191.95 feet to an angle point;

Thence N23°00'29"E, along the west line of Lot 6 and the east line of Lot 1 of said Asbell Addition, a distance of 618.56 feet to the northwest corner of said Lot 6, located on the southerly right-of-way line of the Burlington Northern Railroad;

Thence in a northeasterly direction along the north line of said Lot 6 and the southerly right-of-way line of the Burlington Northern Railroad, and a curve to the right having a radius of 5629.65 feet, through a central angle of 0°17'41", a distance of 28.96 feet, having a chord bearing of N76°32'53"E, a distance of 28.96 feet to the northeast corner of said Lot 6, Asbell Addition;

Thence S00°36'51"E, along the east line of Lot 6 of said Asbell Addition, a distance of 249.55 feet to the Point of Beginning.

The above described parcel contains 2.68 acres (116,782.04 square feet), more or less, and is subject to all rights-of-way and/or easements, reservations, and encroachments which have been legally acquired.

NOW, THEREFORE BE IT RESOLVED, the Transportation Commission of Wyoming hereby relinquishes the above-described land to the City of Casper as provided for under provisions and authority of W.S. 24-3-126.

Mr. Davis and Ms. Harsy left the meeting.

11. Mr. Gillett presented the Operations report.

Construction Update: Work on highway construction projects is ongoing. District crews are working on 29 active construction projects statewide, including four projects in District 1, four in District 2, four in District 3, one in District 4, and 13 in District 5.

Paving continues on WYO 110 near Devils Tower; I-80 at Point of Rocks, east of Rock Springs; US 14A, Lovell West; and I-25, Douglas West. The I-80 Point of Rocks project will not be completed this year, but one layer of pavement will be installed to ensure safe travel through the winter. The final surface will be placed next spring.

Chief Joseph Landslide Mitigation Project Update: The earthwork has been completed on the Chief Joseph landslide mitigation project. Topsoil and seeding work has yet to be completed on the project. Preparations are being made for the temporary surfacing to be placed soon for winter travelers. The highway is expected to be open to two-way traffic on Friday. Permanent surfacing will be installed next spring. The district will hold a public meeting on November 27 to share information about its accomplishments on the project this year and to explain what is to be expected through the winter months and next spring.

On October 12, 2018, an employee of Oftedal Construction Company was working on WYDOT's Chief Joseph landslide mitigation project. The large dirt-hauling truck he was driving left the roadway and rolled down a steep embankment into Dead Indian Creek below. The employee did not survive the crash. The contractor is still accepting bids to remove the truck from the river below.

Riverton North Federal Boulevard Project Update: Concrete paving is complete on the North Federal Boulevard project in Riverton, and the road is open to traffic. Sidewalk and storm drain work is ongoing.

Maintenance Update: Maintenance crews are now focused on snow removal operations. When they are not plowing snow, maintenance forces are repairing delineators and fencing, hauling salt-sand to stockpiles, and performing other routine maintenance activities.

The service road along I-80 remains closed at Exit 345 while the Union Pacific Railroad continues to clean up the wreckage from the October 4 train derailment west of Cheyenne.

On November 3, 2018, WYO 130 over the Snowy Range, between Laramie and Saratoga, was closed. The road was reevaluated on November 5, and the highway was closed for the winter season.

Commissioner Schmidt asked about the status of hiring snow plow drivers. Mr. Gillett advised that the Department currently has almost 40 openings for snow plow operators statewide, and that it is everything it can to fill those vacancies. According to Mr. Gillett, the lack of compensation is the primary reason for the driver shortage. Districts have agreed to move workforces to other areas of the state, if needed. WYDOT is working with retirees and former workers to fulfill the need on a temporary basis.

Traffic Operations Update: Striping crews are finishing striping operations on new construction projects. All other striping work has been suspended for the season.

The District 1 striping machine is still out of service due to engine problems.

Weather permitting, the sign crews continue their work installing and replacing worn signs statewide. Striping and sign crews also assist with snow maintenance, as time allows.

Mechanics Update: Mechanics are working to repair snow plow trucks and other snow maintenance equipment to ensure they are ready for the next snow storm. Other repairs are made to equipment as time permits.

WYDOT Facilities Update: The Wagonhound Rest Area remains closed because of the adjacent construction on I-80. The remodel of the WYDOT University training center is complete. The new roof on the WYDOT maintenance, rigging, and mechanics shop is almost finished.

Building Management Software (BMS) Update: A request for proposals (RFP) was recently publicized for a BMS package. Three proposals were received from the RFP. The search has been narrowed to two vendors for the software purchase.

14. Colonel Haller presented the Highway Patrol report.

The Fatal Crash Summary through October 31, 2018, includes 90<sup>1</sup> fatal crashes involving 98<sup>1</sup> deaths. The fatalities include 37 rollover crashes, 36 multi-car crashes, four fixed objects, 15 motorcycles, one all-terrain vehicle, and five pedestrians. Of the 90 fatal crashes that have occurred in 2018, 12<sup>2</sup> involved commercial vehicles.

Colonel Haller advised that, although one death is too many, 98 fatalities in 2018 is less than what has occurred in recent years.

There were 27<sup>3</sup> fatal crashes deemed drug or alcohol related, resulting in 30<sup>3</sup> deaths. Of those deaths, 16<sup>3</sup> were attributed to not using occupant restraints. Twelve were rollover crashes, 10 were multi-car crashes, two involved a fixed object, three involved motorcycles, and three involved pedestrians. Of the 30 drug- or alcohol-related fatalities, one<sup>2</sup> involved a commercial vehicle.

Of the 98 deaths that have occurred this year, 41 can be attributed to the non-use of occupant restraints, with 26 involving rollover crashes, 12 involving multi-car collisions, and three involving fixed objects. Thirty-five of those who died from the non-use of occupant restraints were Wyoming residents. Fifteen of those who perished were under 21 years of age, and 10 of those fatalities were attributed to the failure to use proper occupant restraints.

Of the 90 fatal crashes that have occurred this year, 47 occurred on primary/secondary highways, 23 occurred on interstate highways, and 20 occurred on city/county roads.

Seven multiple-fatality crashes occurred on Wyoming highways in 2018, of which six involved multiple vehicles, one involved a commercial vehicle, and three were alcohol and/or drug-related.

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<sup>1</sup> Numbers at the time of reporting; final numbers may change.

<sup>2</sup> Number not included in total deaths (sub-crash data).

<sup>3</sup> Not all chemical tests were available at the time of reporting.

In locations where rumble strips/stripes were present, there were 36<sup>4</sup> crashes. There were 48<sup>4</sup> crashes where rumble strips/stripes were not present.

Inclement weather or road conditions contributed to 11 vehicle crashes in 2018, resulting in 11 deaths. Speed was considered a factor in 14 of the vehicle crashes that caused 14 deaths.

The days of the week for fatal crashes in 2018 were as follows:

Sunday	12 crashes
Monday	17 crashes
Tuesday	10 crashes
Wednesday	4 crashes
Thursday	16 crashes
Friday	14 crashes
Saturday	17 crashes

The times of day for fatal crashes in 2018 were as follows:

12:00 a.m. to 6:00 a.m.	22 crashes
6:00 a.m. to 12:00 p.m.	19 crashes
12:00 p.m. to 6:00 p.m.	26 crashes
6:00 p.m. to 12:00 a.m.	23 crashes

In 31<sup>4</sup> crashes, there was no indication of driver distraction as the cause of the crashes, two<sup>4</sup> cases where there was a distraction from outside the vehicle, and no cases where distractions were recorded from inside the vehicle. Overall in 2018, there were 52<sup>4</sup> cases where it is unknown whether distractions caused the fatal crashes. Colonel Haller believes these numbers may be underreported. Additional training is being conducted with the Highway Safety Program and troopers statewide to gain more accurate distracted driving statistics.

The following statistics were also provided to the Commission:

- 68 percent of those who died in rollover crashes were unbelted.
- 31 percent of those who died in multi-vehicle crashes were unbelted.
- 75 percent of those who died in fixed-object crashes were unbelted.
- 72 percent of the fatalities in 2018 were drivers.
- 20 percent of the fatalities in 2018 were passengers.
- 62 percent of the resident fatalities were unrestrained.
- 3 percent of the non-resident fatalities were unbuckled.
- Alcohol and/or drug impairment was a factor in 30 percent of the fatalities.

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<sup>4</sup> Numbers from submitted crash reports at the time of reporting.

Patrol-Investigated Crash Summary: The Patrol-Investigated Crash Summary depicts 5,080<sup>5</sup> crashes statewide, of which 4,071<sup>5</sup> involved non-commercial vehicles and 1,009<sup>5</sup> involved commercial vehicles.

A pin map was also provided to the Commission depicting the locations of Wyoming's 2018 fatal crashes.

Trooper Recruitment Update: Class 95 recently graduated from the Wyoming Law Enforcement Academy (WLEA), and they are undergoing field training with veteran troopers. The Wyoming Highway Patrol (WHP) Class 96 will graduate 11 troopers from WLEA on November 20, 2018.

To date, the WHP has 24 trooper, four dispatcher, and three port-of-entry vacancies statewide. Another trooper testing will occur in January 2019 to fill trooper vacancies.

Colonel Haller noted that the snow plow driver shortage also impacts the Highway Patrol, as maintenance personnel work closely with troopers to manage crash scenes, report accidents, and communicate with the Dispatch Center.

Joint Transportation, Highways & Military Affairs Committee (JTC) Meeting: A trucking company that specializes in oversize and overweight loads testified before the JTC on October 22-23, 2018. The WHP has partnered with that trucking company to review and amend state rules and regulations to make their application more practicable to divisible and non-divisible loads. The process may take some time as some changes will require promulgation of new rules or statute revisions.

Gubernatorial Security Transition: Colonel Haller reported that the WHP executive protection team is providing security for the governor-elect Mark Gordon as well as the current governor and his family.

15. Mr. Olsen presented the Aeronautics report beginning with the October 2018 Aeronautics Flight Operations Passenger Summary Report.

Wyoming Commercial Air Service Improvement Council Update: A request for proposals (RFP) was distributed on October 16, 2018, to solicit Wyoming air service from airlines. Proposals are due December 20.

The fourth Air Service Improvement Council meeting will be held November 28 in Gillette. Discussion topics include community and state participation and interaction and memoranda of understanding to be developed between the state and local entities. The November 28 meeting is the last scheduled meeting before the council is dissolved.

Cheyenne Air Service Update: Cheyenne's new air service to Dallas/Fort worth International Airport began November 4, 2018. SkyWest Airlines provides one daily flight on a 50-passenger aircraft. Forward bookings are in line with expectations so far.

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<sup>5</sup> Does not contain all crashes worked to date; some reports are still pending.

A letter was received from Governor Mead's chief of staff encouraging state employees to compare the cost of flying out of Cheyenne versus the combined cost of airfare, mileage, and parking fees when flying out of Denver when traveling on state business.

Wyoming Airport Capital Improvement Plan (WACIP): Mr. Olsen explained that the WACIP is used to select airport capital improvement projects involving state and federal funding. In August, the Aeronautics Division, in conjunction with the Federal Aviation Administration (FAA), sends a letter to airport sponsors asking for a six-year, needs-based plan for airport projects. The requests are evaluated and a priority rating model is applied to determine the highest project priorities based on available funding. The proposed WACIP is presented to the Aeronautics Commission for consideration. The final plan is reviewed by Wyoming airports for comments and necessary adjustments before the final plan is presented again to the Aeronautics Commission for final approval each spring. The selected projects are then included in WYDOT's State Transportation Improvement Plan, which is ultimately approved by the Transportation Commission annually in September.

16. Mr. Rossetti presented the Support Services report.

Employment Summary: WYDOT employed 1,912 personnel as of November 5, 2018, compared to 1,890 a month ago and 1,888 one year ago. Of the 227 state jobs posted statewide, 68 (about 30 percent) of those jobs are WYDOT positions. Of the 68 WYDOT jobs posted, 44 vacancies are for mechanics and snow plow operators. Vacancies are also advertised for troopers, dispatchers, and port-of-entry workers.

Mr. Rossetti explained and provided specific examples of WYDOT workers who are leaving long-term employment for better paying jobs in all job classifications.

Wyoming Compensation Commission Update: The Compensation Commission met November 5, 2018. A new market pay study was introduced and adopted at the meeting. Last year, state employee salaries were 11 percent below the market. The new study revealed that state employees are now 15 percent below market pay compared to the surrounding states. Mr. Rossetti cautioned that bringing WYDOT employee salaries to the marketable level could cost the Department an additional \$25 million annually.

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

Mr. Lewis introduced Mr. Dan Tolman, WYDOT's Information Technology Program Manager, who was visiting the Commission meeting.

WYDOT "511" Application Updates: Mr. Lewis provided a visual demonstration of some recent updates to Wyoming's "511" application. Web cameras are now available along the Chief Joseph Highway, near the location of the recent landslide, and at the "Y" intersection in Jackson. The Jackson cameras are borrowed from the Traffic Program and illustrate a valuable collaboration between the two Programs to better leverage resources.

WyoLink Update: The Department continues to identify specific site locations for the new WyoLink tower installations. Environmental inspections are complete at Orin Junction, Lusk, and Wright. The contractor continues to work on the remaining environmental assessments for these sites. In addition to FHWA requirements, all three sites will require Tribal and FAA approvals. We are awaiting these approvals, which we anticipate will continue to take some time. The Orin Junction site is owned by WYDOT, so work can begin as soon as environmental clearance is issued. The Lusk and Wright sites will require additional work acquiring Right-of-Way so they may take a little longer than the Orin Junction site before we can break ground.

The contractor is conducting initial on site inspections this week for new towers at Buffalo and Rock Springs. The proposed Buffalo tower will be located on WYDOT property, so it will require no right-of-way considerations.

WYDOT is developing procedures for public input and vetting concerns about the WyoLink system. The procedures will provide a means for tracking complaint resolutions and any concerns that may arise going into the future.

Commissioner Schmidt suggested setting up a blog for input about the WyoLink system. Mr. Lewis indicated he would consider that idea.

The Public Safety Communications Commission (PSCC) is working hard to establish a dedicated funding stream for WyoLink's maintenance and operations. Mr. Lewis estimates WyoLink's capitalization, modernization, and maintenance will cost about \$5.2 million annually.

Statewide Emergency Communications Plan Update: The U.S. Office of Homeland Security, Office of Emergency Communications (OEC), requires each state to have its own statewide emergency communications plan, and the plan must be updated bi-annually. The OEC facilitated a meeting last week in Casper where many of Wyoming's emergency communications systems operators gathered to brainstorm necessary changes to the plan. The plan will ultimately be approved by the PSCC. A copy of the final plan will be shared with the Transportation Commission when it becomes available.

Connected Vehicle Update: Federal approval was recently received for Phase 3 of the Connected Vehicle (CV) project. Phase 3 involves installing CV devices in commercial vehicles. WYDOT's CV staff is working with the University of Wyoming to prepare curriculum for educating commercial drivers about the devices. Phase 2, which finalizes all of the technologies to be used, is almost complete.

Truck platooning may be the next step to be developed under the CV project. WYDOT has submitted their application to be part of that technology development.

18. It was moved by Commissioner Seeton, seconded by Commissioner Newton, and carried to adjourn the meeting. Vice Chairman Larson adjourned the meeting at 10:28 a.m., on Thursday, November 15, 2018.