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Road Work

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Chip sealing lengthens life of asphalt pavement

Spring and summer bring temperatures warm enough for this important road work

By Cody Beers

It's a magic road maintenance date on the calendar, the date when "chip sealing" becomes reality every spring and summer on Wyoming highways.

By WYDOT specification, chip sealing by contractors and WYDOT employees kicks off the summer construction season after June 1 – the time of year when temperatures are more dependable for this important work – and ends on the final day of August.

Chip sealing remains one of the least expensive, most cost effective ways of preserving asphalt pavements.

Early June 2021 marks the start of chip sealing in northwest Wyoming near Cody, as Mountain Construction Co., of Lovell kicks off summer chip sealing activities on a pair of projects on Wvoming Highway 120 and US 14/16/20.

Chip sealing operations only occur during favorable weather conditions.

Near Cody, June chip sealing is scheduled on US 14/16/20 east of Cody between the intersection of WYO 120 and Sage Creek (mileposts 54.64 to 57.25); WYO 120, from the intersection with US 14/16/20 south past the Park County Landfill (mileposts 74 to 81.2).

The US 14/16/20 chip sealing is part of a \$1.44 million contract chip sealing project in northwest Wyoming.

Contract chip sealing locations include:

- US 14/16/20 (mileposts 54.64 to 57.25), Cody-Greybull (Intersection of WYO 120 and US 14/16/20 to Sage Creek);
- US 14/16/20 (mileposts 41.73 to 49.02), Yellowstone to Cody (North Shore Bay to Stampede Park);



- to Deer Haven Lodge);
- (Wind River Canyon);
- to the Big County line).

Chip sealing of the WYO 120 project south of Cody is scheduled in early June as part of a \$5.5 million, 6.8-mile project that was completed last fall, with the exception of chip sealing. The Cody South project is located between

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In addition, they provide a highway skid-resistant surface, particularly on wet pavements.

It's important to reduce speeds and watch for workers.

Motorists are asked to exercise caution in highway construction projects. Reduced speed limits are posted, enforced and are present to help drivers be safe. Leaving home early for work, appointments or activities is advised.

During the chip-sealing process, from the time oil and gravel is placed on the road to when excess rock is swept away (often



Fresh chip sealing can create the risk of flying rock at unsuspecting drivers and windshields.

three times in 24 hours), the speed limit is reduced for up to 24 hours so vehicles are not damaged by flying rocks.

Traffic moving at higher speeds creates dust, too, limiting visibility, and higher speeds may cause gravel to break loose from a fresh chip seal which creates the risk of flying rock. Rocks thrown from tires may crack or break a windshield. Flying rocks may also injure pedestrians, bicycle riders or motorcyclists.

By driving at slower speeds, your vehicle is protected from unnecessary damage that can be caused by the sprayed asphalt oil and loose gravel. The slower speed also decreases the chance of damage from rocks which may be thrown up from other vehicles.

WYDOT appreciates motorists' patience during highway improvement efforts

WYDOT and contractors make improvements to state highways and bridges during the year which may cause some traffic delays. Please be patient. Please allow for the extra time to get to work or other activities.

Traveling at the posted construction speed limit in work zones will ensure your safety and the safety of highway workers. It's also the law. Traffic fines are doubled in construction zones. Obeying warning signs and flaggers benefits everyone who shares our Wyoming roadways.



June 202

• US 16 (mileposts 33.99 to 44.04), Ten Sleep to Buffalo (Ten Sleep Canyon

• US 20/WYO 789 (mileposts 116.38 to 128.32), Shoshoni to Thermopolis

• US 14 (mileposts 26.71 to 37.88), Shell to Burgess Junction (Shell Falls the WYO 120/US 14/16/20 intersection adjacent to Yellowstone Regional Airport and milepost 74 near the snowplow turnaround south of the Park County Landfill.

Chip sealing is important

Chip sealing seals the pavement surface and keeps water from penetrating the road structure on paved surfaces. It fills and seals cracks and raveled surfaces of old pavement.

Chip seals provide an anti-glare surface during wet weather and an increased reflective surface for night driving.

Northwest Wyoming - A

A1 Ten Sleep East project (US 16), bridge rehabilitation on four bridges, 1,200 ft. of reconstruction, 2-inch pavement mill/ overlay.

A2 US 26/West Main Street in Riverton, ADA work, intersection reconstruction, installation of new traffic signal.

A3 WYO 296 slide repair and road work at MM 32.50. Single lane detour in place. Delays expected.

A4 US 26/287 chip seal from Dubois city limits MM 56.4 to MM 67.25. June 2021 completion.

A5 US 20/26. Construction of seven sets of passing lanes between Moneta, Waltman.

A6 District bridge rehabilitation on five bridges in Fremont, Big Horn, Washakie counties.

A7 WY0 120 chip seal project on 6.8 miles of highway to MM 74. June 2021 completion.

A8 US 14/16/20 concrete rehab in Cody. September 2021 completion.

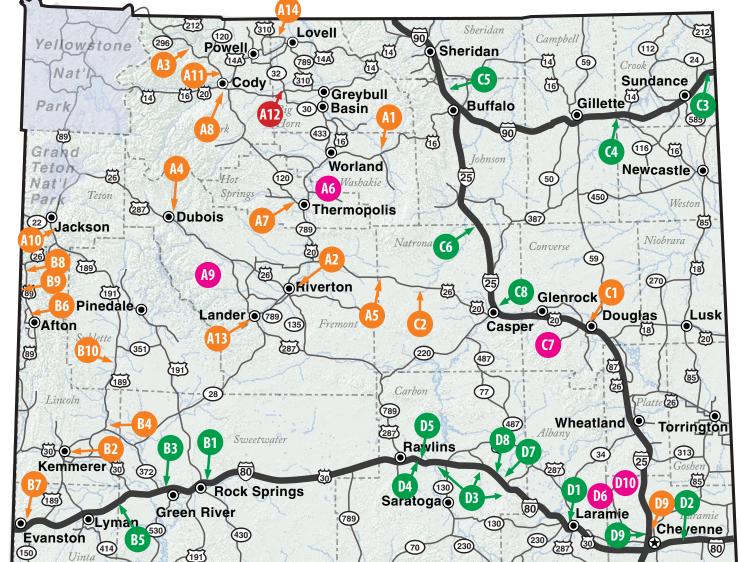
A9 District fencing. Various locations. WYO 28, US 287. October 2021 completion. A10 US 26/89/189/191 Jackson South. Milling, paving, wearing course work on 3.10 miles beginning at MM 148.70.

A11 WYO 120 settlement project north of Cody. On WYO 120 (MM 115-MM 118.5). Includes 1-inch of asphalt leveling, 2-inches of overlay, chip sealing. Completion date October 2021.

A12 US 14/16/20 pavement improvement project near Emblem at MM 87.79 to 93.75. Grading, asphalt paving, chip sealing. Expected traffic delays of up to 20 minutes. June 2021 completion.

A13 US 287/Lander Main Street concrete repair/pavement overlay – 16.2 miles. Concrete grinding, concrete joint sealing, asphalt paving, chip sealing, curb, gutter, ADA ramp repairs. July 2021 completion.

A14 Cowley/Deaver paving and chip sealing improvements MM 243.23-MM 249.42 (6 miles) of US 310. The \$1.64 million project includes a 1-inch profile milling and a 2-inch pavement overlay and chip seal. Completion date is Oct. 31, 2021.



Southwest Wyoming - B

B1 Between Rock Springs and Rawlins. Grading, draining, placing bases, bituminous surfacing, concrete pavement, bridge rehab, bridge replacement. 12.70 miles on I-80 at MM 107.63.

B2 Between Kemmerer and Opal. Grading, paving, bridge rehab on 8.90 miles on US 30 at MM 57.99 June 2021 completion.

B3 La Barge Interchange West: Grading, milling, paving, concrete pavement, bridge rehabs on 5.30 miles of WB I-80 at MM 77.45. October completion.

B4 US 189 Muddy Creek: Grading, milling, paving, chip seal on 8.20 miles of US 189 at MM 10.23. October completion.

B5 I-80 east of Lyman. Grading, milling, resurfacing and bridge rehab between MM 49-57. October 2021 completion.

B6 WYO 238 Auburn to Afton: MM 0-12.

Grading, draining, placing crushed base and pavement surfacing, reclamation, chip seal, bridge replacements on 12.10 miles. Fall completion.

B7 Rock Springs/I-80 Interchange Road: Grading, draining, placing bases, bituminous pavement surfacing, concrete pavement, removal/replacement of structure, conduit system, water systems on 1 mile.

B8 Etna North: Grading, draining, crushed base, bituminous surfacing, full depth reclamation on 9.30 miles of US 89 at MM 108.13.

B9 WYO 239 Bridge work: Bent cap replacement, other work on WYO 239 at MM 0.94 at the Salt River Bridge.

Bio Big Piney West: Grading, milling plant mix, bituminous surfacing, reclaimed asphalt pavement on 4.81 miles of WYO 350 at MM 0.25.

Legend

Interstate highway work zones: Generally, there are no delays or detours. Travel may be narrowed to one lane (on pavement) each way and involve a reduced speed limit.

Two-lane road projects: Motorists may be required to stop and wait to follow pilot cars. Usually, any delays are limited to 20 minutes or less and travel is on pavement.

Two-lane road projects: At times, motorists may have to drive on gravel or another temporary surface, typically for two miles or less. Delays are limited, there are no detours unless specifically noted but there may be a pilot car.

D District-wide projects: Various locations, may involve reduced speeds.

Not every project is listed

Due to the unpredictable nature of the construction process, not all projects are active all the time. In addition, some short-term projects and smaller projects which disrupt traffic to a lesser degree are not listed. Completion dates are approximate.

Commercial vehicle operators: In work zones, size and weight restrictions may apply. Ask for details at any Wyoming port of entry or call (307) 777-4376. Current restrictions are also available on the Internet at <u>www.wyoroad.info/highway/restrictions.html</u>.



Central & Northeast Wyoming - C

(1) WYO 59: Reconstruction, intersection work, bridge rehabilitation and new pavement between milepost 0-8.75. October completion.

US 20/26: Grading, milling, fencing and new pavement on 8.8 miles between mileposts 21.24 and 30.

(3) I-90 MM 205 Buelah exit. Both directions. Overpass bridge deck repair. 14-foot width restriction, single lane, reduced speeds. July completion.

(4) I-90 MM 152 bridge deck repair, 14-ft width restrictions, single lane, reduced speeds. July completion.

C5 I-90: Roadwork EB lanes between Buffalo and Sheridan between MMs 37-47. Reduced speeds at bridge decks, lane closures, flaggers, heavy truck traffic. June completion.

(6) I-25: Grading, structure repair and new pavement northbound lanes between milepost 244-254 near TTT interchange.

C7 District 2 bridge rehab: Various locations within Converse, Laramie, Natrona and Platte counties:

US 20/27/87 MM 187.83; I-25 MM 172.12 SB; I-25 MM 160.87 SB; I-25 MM 110.55 NB; I-25 Service Road MM 14.31; I-25 Service Road MM 2.45; and WYO 320 MM 2.52. Oct. 31, 2021 completion.

C3 I-25 MM 186: Remove and replace two structures over Walsh Drive. Anticipated 2023 completion.

Southeast Wyoming - D

D1 I-80 in west Laramie (MM 313-310) pavement, bridge work EB/WB lanes. Lane closures, reduced speed limits, delays merging at interchange on-ramps. Fall 2021 completion.

D2 I-80 near Hillsdale (MM 372-382) bridge replacement, pavement work. Expect head-to-head traffic in EB lanes while crews pave WB lanes, lane closures, reduced speeds. October 2021 completion.

D3 I-80 Winter Freight, various locations. Work continues at Fort Steele Rest Area (MM 228). Rest area remains closed. Crews completing pavement work near Halleck Ridge (MM 250.5-252.5), between Cooper Cove & Quealy Dome (MM 279.5-281.5). Expect lane closures, reduced speeds. Expected 2022 completion.

D4 I-80 near Sinclair (MM 221-227.5) pavement, bridge work. Traffic in head-tohead configuration in WB lanes while crews work in EB lanes. Fall 2022 completion.

D5 WYO 76 in Sinclair near I-80 MM 221. Bridge work on overpass/I-80 interchange, traffic limited to single lane. Traffic light directing movement across bridge. Expect delays. Fall 2021 completion.

D6 Bridge work in Laramie County. Lane closures, reduced speeds on: US 30 near

Missile Drive in Cheyenne, I-80 over Southwest Drive (MM 360), US 85 near Allison Road (MM 7.74), WYO 213 in Burns (MM 2.61), WYO 215 near Pine Bluffs (MM 0.22). Expect delays. Late fall 2021 completion.

D7 I-80 Quealy Dome west (MM 291.5-282.7) road, bridge work. Expect lane closures, reduced speeds, 13 ft. width restriction. Spring 2022 completion.

D8 I-80/Elk Mountain (MM 252-258). Earthwork for milling, paving project in WB lanes. Expect lane closures, speed limit reductions, potential delays. Multi-year project – work in EB lanes starting in 2022.

D9 I-25 at Missile Drive (MM 10.78). Bridge work, lane closures, reduced speeds. Missile Drive on-/off-ramps accessible. A 14 ft. width restriction. Completion summer 2021.

Q10 Laramie County durable markings. Striping work on I-80 MMs 362-372, I-25 MMs 0-11.59, US 85 MMs 7.3-8.3. Potential delays. Avoid passing – wet striping materials. July 2021 completion.

Q11 WYO 211/Horse Creek Road (MM 20.46) bridge repair project, single lane alternating traffic. Expect delays. A 12 ft. width restriction. Expected completion fall 2021.