

## **Rapid City Area – July 2018**

### **Construction Updates**

#### **Interstate 90 – Exit 40 to Exit 44 – Interstate Grading and Reconstruction – PCN 5580**

This project consists of the complete reconstruction of the Interstate between Exits 40 and 44 (Tilford to Piedmont). Reconstruction includes grading, box culvert extensions, new bridges, signing, pavement markings, and new concrete surfacing. Work in 2017 was focused on the westbound lanes and is complete. Work in 2018 will be performed in two phases and be focused on the eastbound lanes. The first phase, currently under construction, will consist of the full reconstruction between Exit 44 and half-way between Little Elk Creek and Elk Creek. For this first phase, eastbound Exit 44 ramps are closed with a detour at Exit 46. Access to Sturgis Road and Deerview Road west of the interstate is served by a detour route via Exit 46. Crews have completed the grading and gravel placement for the new concrete pavement for the current phase. Concrete pavement has been installed except at the bridge tie-ins, which is currently underway. Concrete joint widening and sealing is currently in progress. Asphalt shoulders have been installed with the exception being between the Little Elk Creek Bridge and Exit 44 Bridge. At both the Little Elk Creek bridge and Exit 44 bridge, the bridge decks have been placed and crews are working on the barrier walls and approach slabs. The eastbound rest area is currently closed and is anticipated to remain closed until early December. The second phase will consist of the full reconstruction between Little Elk Creek/Elk Creek and Exit 40. The first phase in the eastbound lanes is expected to be completed by late July 2018, and the second phase in the eastbound lanes is expected to be completed by early December 2018. All work on the project is expected to be completed by mid-June 2019. Heavy Constructors, Inc. of Rapid City is the Prime Contractor on the \$28.8 million project. The project is approximately 75% complete.

#### **Interstate 90 – Exit 57 to 59 – Haines Ave. and Maple St. Bridge Rehabilitation – PCN 05MJ**

Work on the Haines Ave. and Maple Street bridges in the eastbound driving lane of I-90 continues. The northbound I-190 to eastbound I-90 on ramp remains closed to traffic along with the Exit 58 eastbound on ramp. Detours have been provided for these ramp closures. The work in the eastbound lanes of I-90 at these bridge is scheduled to be completed by July 27, 2018. Crews will rehabilitate the same bridges in the westbound lanes of I-90 between August 13 and November 16, 2018 and will result in the closure of the Exit 59 westbound on ramp with a detour provided for the ramp. All work on the project is expected to be completed by July, 2019. Heavy Constructors, Inc. of Rapid City is the Prime Contractor on the \$2.3 million project.

#### **Interstate 90 – Exit 67 to Exit 83 – Microsurfacing – PCN 06J3**

Work on this project consists of installing three courses of microsurfacing in both lanes eastbound and westbound. Microsurfacing is a latex-based polymer-modified emulsified asphalt mixed with mineral aggregate and cement and placed with a paver on the road surface. Ruts are filled with the first pass in areas with ruts over ½ inch in depth. A scratch course is applied to even out the surface. Finally a surface course is placed on top as the final driving surface. Placement of the microsurfacing began June 28, 2018 and will be completed July 13, 2018. Permanent pavement markings will be grooved and painted after the Sturgis Motorcycle Rally. The overall completion date for the project is September 28, 2018. Asphalt Surface Technologies Corporation of Saint Cloud, MN is the Prime Contractor on this \$1.8 million project. The project is approximately 80% complete.

#### **US 14A – East of Deadwood – Landslide Repair – PCN 04TA**

This project consists of installing soil anchors and surface steel mesh on a slope below Highway 14A, east of Deadwood. Specialty equipment is necessary to reach the work area and install soil anchors on the steep slope. This project is complete with the exception of pavement

markings. Access Limited Construction, Inc. from Oceano, California, is the prime contractor on the \$850,000 project.

**SD 34 – Mill and Overlay east of Sturgis from the SD 79 Jct to the Belle Fourche River – PCN 068Q**

This project consists of profile milling the road surface to correct the crown of the road and paving a 2" Class Q2R Asphalt Concrete overlay. Flush and sand seal operations are in progress, with striping operations to follow before the Sturgis Motorcycle Rally Restriction deadline of July 28, 2018. Border States Paving, Inc. of Fargo, ND is the prime contractor on this \$3.1 million project. The contract field work completion date for the project is November 9, 2018. The project is 95% complete.

**SD 231 – West Chicago Street Reconstruction – PCN 02R5**

New PCC pavement, curb and gutter, and sidewalk have been completed in the southwest quadrant of West Chicago Street and Sturgis Road. Traffic has been moved onto the new pavement on Sturgis Road to allow work to begin in the southeast quadrant of the Sturgis Road/West Chicago Street intersection. Approximately 1250 ft. of new PCC pavement has been placed in the westbound lanes of West Chicago Street between St. Onge Street and Sheffer Street. Crews are prepping the last 1200 ft. segment of the westbound lanes of West Chicago for PCC pavement. Crews are working on a 1000 ft. section of the eastbound lanes of West Chicago Street and have completed storm sewer, water line, grading, and placed gravel. The lighting subcontractor has begun installation of light pole footings and a signal footing. The bridge crew is working concrete repairs on the westbound bridge deck. The Contractor expects to switch traffic to Phase 3 in early August when two-way traffic will be placed in the new westbound lanes between Federal Avenue and Sheffer Street. The project is approximately 35% complete. The project is planned to be substantial complete by November 16, 2018, with all final cleanup work complete by June 28, 2019. Complete Concrete Inc. of Rapid City, SD is the Prime Contractor of this reconstruction and City utility project with a combined cost of \$10.5 million.

**US Highways 385, 85, & 14A - PCN 04H2 - Corridor Signing**

This project consists of traffic signing upgrades on US Highways 385, 85, and 14A. Work has begun on this project and the completion date is July 20, 2018. Dakota Barricade of Rapid City is the Prime Contractor on the \$46,000 project. The project has been completed.

**US 385 – Mill and Overlay and Guardrail Replacement from 1.3 miles north of Nemo Rd to the US 385/85 Jct at Pluma – PCN 04WG**

This project consists of milling the road surface and paving a 1 ¼" Class S Asphalt Concrete overlay. Paving operations have been completed on the project and guardrail crews completed installation of the new guardrail. Striping crews are grooving, taping, and painting the road surface and will be finished prior to the Sturgis Motorcycle Rally Restriction deadline of July 28, 2018. Bituminous Paving, Inc. of Ortonville, MN is the prime contractor on this \$2.3 million project. The substantial completion date for the project is July 28, 2018, with an overall completion date of October 19, 2018. The project is 84% complete.

**US Highways 16, 16A, 14A, & 212; SD Highways 244 & 79 – PCN 04H9**

This project consists of new cold applied plastic pavement markings on US Highways 16, 16A, 14A, & 212 and SD Highways 244 & 79. Work has begun on this project and the completion date is October 26, 2018. Dakota Barricade of Rapid City is the Prime Contractor on the \$317,000 project. The project is approximately 70% complete.

**Interstate 90, US Highway 14A, SD Highways 34, 44, & 445 (Deadwood Avenue) – PCN 05LH**

This project consists of pavement repairs on Highway 14A in Lead, Highways 14A and 34 in Sturgis, Highway 44 in Rapid City, Highway 445 in Rapid City, and I90 near Exit 63. Work is complete in Lead, Sturgis, I90 Exit 63, and Highway 44 in Rapid City. Remaining work includes Highway 445 and added work at Exit 58 on I90 and on Highway 79. Work is expected to be complete in the spring of 2019. Complete Concrete, Inc. is the Prime Contractor on this \$450,000 project.

#### **Black Hawk Sidewalks – PCN 04U6**

This project consists of the installation of new sidewalks along Peaceful Pines Road between Seeaire Street and Wedgewood Drive; on Seeaire Street between Oak Court and West Elm Street; and on West Elm Street between Seeaire Street and Short Street. Work is anticipated to begin July 25<sup>th</sup> and be complete in the fall of 2018. Highmark, Inc. of Black Hawk is the Prime Contractor on the \$460,000 project.

#### **City of Whitewood - Laurel Street TAP Project and Railroad Crossing – PCN 04UE**

This project consists of Sidewalk, Curb and Gutter, Storm Sewer, and Asphalt Concrete Pavement work on Laurel Street in Whitewood from Hooker Street south to Meade Street. The project has been extended into the spring of 2018 due to utility conflicts with storm sewer and completion of the railroad crossing. All concrete work has been completed except for the final sidewalk across the railroad tracks. Completion of the Railroad crossing has not been confirmed. The project is currently 78% complete. Ainsworth Benning Construction, Inc. of Spearfish, SD is the Prime Contractor on this \$151,000 project.

#### **Bradsky Road – Structure and Approach Grading – PCN 033L**

This project consists of the removal and replacement of the Pennington County Bridge on Bradsky Road south of SD Highway 44. A new 56' bulb tee bridge will be constructed on the same alignment as the existing bridge. A temporary detour road and bridge has been built adjacent to the existing bridge. The existing bridge has been removed and the new bridge is complete. Remaining work includes asphalt road work, guard rail, and seeding. Corr Construction of Hermosa, SD is the Prime Contractor on this \$618,000 project. The overall completion date for the project is August 10<sup>th</sup>, 2018.

#### **Acorn Ridge Road – Structure and Approach Grading – PCN 02E6**

This project consist of the removal of the City of Spearfish bridge on Acorn Ridge Road over Polo Creek. A new 4 – 12' x 12' reinforced concrete box culvert will be constructed in its place. The existing bridge has been removed and work has begun on construction of the new box culvert. Journey Group of Sioux Falls, SD is the Prime Contractor on this \$498,000 project. The overall completion date for this project is November 2<sup>nd</sup>, 2018.