**Project: IM 0909(75)402 and NH 0100(104)420**

**PCN 00WN and 00X8**

**Minnehaha County**

Project consists of Grading, Structures, Curb and Gutter, Storm Sewer, PCC Pavement, Pavement Markings, Signals, Lighting, Force Sewer Main, and Permanent Signing

**Project Location:**

* Construct Interchange, I-90 Exit 402\_IM 0909(75)402, PCN 00WN
* Construct 6 lane urban section as part of Veterans Parkway from Rice Street to Exit 402

**Project Cost**: $59,966,597.70

**Length:**

* 1.2708 Miles (Veteran’s Parkway)
* 1.3094 Miles (I-90)
* 1.0610 Miles (60th Street)
* 3.6412 Miles (Total Net Length)

**Significant Pay Quantities:**

* Unclassified Excavation 798,823 CuYds
* Option Borrow Excavation 1, 055,715 CuYds
* Select Subgrade Topping 130,551 CuYds
* Class E Asphalt 12,486 Tons
* 9” PCCP 42,626 SqYds
* 10” PCCP 45,916.5 SqYds
* Class A45 Conc., Bridge 4,878 CuYds
* Class A45 Conc., Bridge Deck 4,464 CuYds

**Structures:**

* 76’-8 1/16” Prestr. Girder Bridge over Ellis and Eastern Railroad (Veteran’s Parkway)
* Southbound 964’-2 ¼” Steel Girder Bridge over BNSF Railroad and Big Sioux River (Veteran’s Parkway)
* Northbound 964’-2 ¼” Steel Girder Bridge over BNSF Railroad and Big Sioux River (Veteran’s Parkway)
* 243’-3 5/8” Prestr. Girder Bridge over Slip Up Creek (60th Street)
* 191’-0 5/8” Prestr. Girder Bridge over I-90 (I-90/Exit 402)

**IM 0909(75)402, PCN 00WN (I-90/Exit 402)**

* Work on the new interchange began in April of 2019 and was substantially complete and open to traffic by the end of October in 2019. The original standard diamond shaped interchange was replaced with a signal controlled single point urban interchange with dual left lanes capable of handling 30,000 to 36,000 vehicles per day. The improved interchange included a new structure, entrance and exit ramps I-90, grading Timberline Road north of I90, storm sewer and roadway lighting.

**NH 0100(104)420, PCN 00WN (Veteran’s Parkway)**

* Work on the new roadway began in January of 2018 and consists of three lanes in each direction, with a raised grass median and 2’ wide colored concrete splash guard as well as 10’ wide shared use path. The roadway utilized a new alignment that connected to Rice Street approximately 1,700’ east of the Timberline Avenue and Rice Street intersection. The alignment required 3 structures, one crossing the Ellis and Eastern Railroad in addition to both a northbound and southbound structure spanning both the Big Sioux River and the Burlington Northern Santa Fe Railroad.
* 60th Street North and Redwood Boulevard were both realigned to a common signal-controlled intersection in order to allow for a better connection into the new Veteran’s Parkway. These improvements required a new structure over Slip Up Creek.
* The existing structure on Timberline Avenue over the Big Sioux River will be removed. Timberline Avenue will have a cul-de-sac constructed on south side of the Big Sioux River.