SR 9 – Marsh Road to 2nd Street Vicinity – Widening

SCOPE OF WORK OUTLINE

In the 2015 Legislative session, the Washington State Legislature allocated $16 billion for investment that enhances the statewide transportation system and maintains Washington’s critical infrastructure through the Connecting Washington Funding Package. Beginning in 2019, the legislature has allocated a portion of that funding to develop and implement improvements along SR 9 between Marsh Road and the 2nd Street Interchange in Snohomish, WA.

Due to regional economic development and demand for affordable housing, the population of Snohomish County increased approximately 137% between 1980 and 2017. This population growth has caused an influx of traffic on SR 9 throughout Snohomish County. The once rural highway is now a critical corridor for both commercial vehicles and commuters. Current traffic volumes have exceeded the capacity of the two-lane roadway, making the once free-flowing, rural SR 9 a congested highway during peak travel times. Between 2009 and 2013, WSDOT explored options for widening SR 9 between Marsh Road and 2nd Street, including a new southbound bridge over the Snohomish River, to connect it with widening projects to the south. Preliminary work was completed to identify the type, size and location of the new structures.

As directed by the legislature, this project will conduct engineering, right-of-way acquisition, environmental documentation, and construction activities to enhance traffic flow on the SR 9 corridor. The project will build upon work completed under the SR 9 – Snohomish River Bridge Environmental Documentation project and related project initiatives by WSDOT, Snohomish County and the city of Snohomish.

Note: Additional material regarding this project is available at ftp://ftp.wsdot.wa.gov/incoming/Advertisements/SR9_MarshRoad_to_2ndStreetVicinity_Widening/

Phase 1 – Preliminary Engineering & Environmental Documentation

1. Project Management
   A. General Project Management
      a. Project Management Plan
      b. QA/QC Plan
   B. Subconsultant Management & Coordination
   C. Project Schedule
      a. Baseline Schedule
      b. Monthly Updates
   D. Invoicing & Progress Reports
      a. Monthly invoices
      b. Monthly progress reports
      c. Monthly aging tables
      d. Monthly earned value tables
   E. Coordination Meetings
      a. Kick-off meeting w/ minutes
      b. Monthly project coordination meetings w/ minutes
      c. Third party meetings w/ minutes

Attachment A
F. Co-location
G. Document Control & Management

2. Public Involvement
   A. General Public Involvement Support
      a. Public Involvement Plan
   B. Stakeholder Interviews
      a. Stakeholder Interview Plan
      b. Interviews (10)
   C. Project Advisory Group
   D. Project Website
   E. Public Briefings
   F. Optional: Public Engagement Events

3. Data Collection
   A. Survey
   B. Structures
   C. Geotechnical
   D. Environmental
   E. Hydraulic

4. Concept Development & Analysis
   A. Traffic Analysis
      a. Data collection
      b. Traffic analysis (update)
      c. Crash analysis
      d. Intersection control evaluation (if necessary)
      e. Existing (2019) conditions traffic model (optional)
      f. Horizon (2040) conditions traffic model (optional)
   B. Practical Design Assessment (optional)

5. Environmental Documentation & Permit Support *(expected to be completed by WSDOT staff with consultant support)*
   A. Environmental documentation
      a. SR-9 widening and bridge replacement
         i. Endangered species act (update)
         ii. Wetland & stream assessment (update)
         iii. Noise analysis (update)
         iv. Hazardous Materials (update)
         v. NEPA/SEPA documentation & support (update)
         vi. Cultural resources (update)
   B. Permit support

6. Right-of-Way (if necessary)
   A. Right-of-way plans

7. Preliminary Engineering & Design Documentation
   A. Preliminary engineering plans & support
B. Conceptual hydraulic report & support
C. Preliminary structures plans & support
D. Design documentation
E. Cost estimate

Phase 2 – Design Build Procurement
1. Project Management
   A. General Project Management
   B. Subconsultant Management & Coordination
   C. Invoicing & Progress Reports
      a. Monthly invoices
      b. Monthly progress reports
      c. Monthly aging tables
      d. Monthly earned value tables
   D. Coordination Meetings
   E. Document Control & Management

2. Project Procurement
   A. Request for Qualifications
   B. Request for Proposals – Instructions to Proposers
   C. Request for Proposals – Chapter 1 General Provisions
   D. Request for Proposals – Forms
   E. Request for Proposals – Preliminary Engineering (10-30% Design and Conceptual Plans)
   F. Request for Proposals – Technical Requirements & Appendices
      a. Survey
      b. Geotechnical
      c. Pavement
      d. Environmental
      e. Communications
      f. Utility Conflicts
      g. Roadway
      h. Project Documentation
      i. Bridge and Structures
      j. Hydraulics and Drainage
      k. Roadside Restoration
      l. Illumination
      m. Intelligent Transportation Systems (ITS)
      n. Signing
      o. Pavement Marking
      p. Traffic Operations
      q. Maintenance of Traffic
      r. Right-of-Way
      s. Control Materials
      t. Quality Management Plan
      u. Maintenance during Construction
      v. All other analyses and/or design activities necessary to complete contract documents.

Attachment A
Phase 3 – Construction Phase Support

3. Project Management
   F. General Project Management
   G. Subconsultant Management & Coordination
   H. Invoicing & Progress Reports
      a. Monthly invoices
      b. Monthly progress reports
      c. Monthly aging tables
      d. Monthly earned value tables
   I. Coordination Meetings
   J. Document Control & Management

4. Construction-Design Support
   G. Submittal review, comment, resolution
   H. Coordination meetings

Note: A portion of this work may be performed by, or in conjunction with, WSDOT staff. Further details regarding division of work will be discussed with WSDOT during detailed scoping. This scope outline provides WSDOT’s preliminary estimate for anticipated level of effort for this project. This scope outline is subject to change based on further review of existing conditions, materials and documentation and further refinement of the detailed scope.