



Hampton Road / Mormon Ditch Bridge No.261 Replacement Project Summary

November 2009

Hampton Road is a rural major collector in the County road system, carrying over 3,000 vehicles per day. This project, located adjacent to the Southeast corner of the Lynden city limits, involved the replacement of a structurally deficient bridge along with minor vertical and horizontal road re-alignment.

Prior to this project, the existing bridge consisted of a 5-span timber substructure with concrete bridge girders, having a total length of 124 feet and a width of 24 feet. Built in 1982, the bridge was showing deterioration in both its wooden substructure & the concrete girders, and qualified for replacement through federal "BRAC" (Bridge Replacement Advisory Committee) funding.

Design, permitting and right-of-way (R/W) acquisition were initiated in 2006, with the project scope primarily focused on construction of a new 145 ft long pre-stressed clear span concrete structure with 120 ft deep pile foundations. Other improvements included: widening to urban standards - 12 ft driving lanes, 6 ft shoulders and 6 ft sidewalks on both sides; minor road realignment; safety upgrades; and storm water treatment.

In January of 2009, the project was awarded to low bidder **Max J. Kuney Construction** of Spokane Washington. Construction began in April 2009 and concluded in late October, on-schedule and within budget.

The new bridge structure and a small portion of the approach costs were fully funded by \$3,370,000 of federal BRAC funds, with the County contributing \$480,000 in Local Funds for R/W and approach work, resulting in total project costs of approximately \$3,850,000.

For additional information please contact James P. Karcher, P.E., Engineering Manager, Whatcom County Public Works at (360) 715-7450 or JKarcher@co.whatcom.wa.us



Previous bridge from Lynden city limits, looking south



New bridge from Lynden city limits, looking south



Driving the 120 ft deep pile foundation for bridge abutments



145-ft girder ready to be set



Installation of the final girder (8 total)