



2010-0454

King County
Department of Transportation

ATTACHMENT B

COUNTY ROAD ENGINEER'S REPORT

Project: NE Woodinville-Duvall Road
At 212th Avenue NE
CIP 101404

An ordinance in the matter of the King County Council for the Location and Establishment of a County Road, King County, Washington. I, the undersigned, County Road Engineer of the County of King, State of Washington, duly directed by the King County Council, on the 3 day of June, 2010, to make an examination, and if necessary, a survey of that certain proposed road relating to the establishment of that certain road therein designated, report that I consider such a road or modified route thereof practicable and submit my opinion.

Jacinta Norman 6/3/10
County Road Engineer Date

FIRST

That the ROAD is a necessity and ought to be established and opened.

SECOND

That the terminal points, general course and length of said ROAD along the Establishment centerline as surveyed by King County is as follows:

Those portions of the Southeast Quarter of Section 8 and of the Southwest Quarter of Section 9, all in Township 26 North, Range 6 East, Willamette Meridian, King County, Washington and being described as follows:

COMMENCING at the Southeast corner of said Section 8;
Thence North 01°02'59" East along the east line of said Section 8 being also the West line of said Section 9, a distance of 1785.77 feet to the point of curvature of a non-tangent curve to the right, the radial center of which bears South 88°55'53" East, a distance of 380.00 feet, said point being POINT OF BEGINNING of this establishment centerline, said point having a calculated NAD83-91 Washington State plane coordinate of North 276893.28, East 1340287.27 at Engineers Station 99+73.50;
Thence along said curve to the right, through a central angle of 40°28'51", an arc distance of 268.48 feet to Engineers Station 102+41.98;
Thence North 41°44'20" East, on a non-tangent bearing, a distance of 170.64 feet to Engineers Station 104+12.62, said point being on the Right of Way Centerline of NE Woodinville-Duvall Road, said point having a calculated NAD83-91 Washington State Plane coordinate of North 277265.57, East 1340496.42, and the terminus of said Establishment centerline.

Thence North $48^{\circ}15'40''$ West a distance of 286.85 feet to the point of curvature of a tangent curve to the left, the radial center of which bears South $41^{\circ}44'20''$ West, a distance of 25.00 feet, said point being 67.00 feet right of Engineers Station 103+62.62 of said survey;
Thence along said curve to the left, through a central angle of $90^{\circ}00'00''$, an arc distance of 39.27 feet, to a point being 42.00 feet right of Engineers Station 103+37.62 of said survey;
Thence South $41^{\circ}44'20''$ West a distance of 95.57 feet to the point of curvature of a non-tangent curve to the left, the radial center of which bears South $48^{\circ}27'44''$ East, a distance of 338.00 feet, said point being 42.00 feet right of Engineers Station 102+42.05 of said survey;
Thence along said curve to the left, through a central angle of $40^{\circ}28'10''$, an arc distance of 238.74 feet, to a point being 42.00 feet right of Engineers Station 99+73.50 of said survey;
Thence North $88^{\circ}55'53''$ West a distance of 12.00 feet to a point on the east margin of existing 212th Avenue NE, said point being 30.00 feet right of Engineers Station 99+73.50 of said survey;
Thence North $01^{\circ}02'59''$ East along said east margin, a distance of 147.87 feet to the point of beginning.

Containing approximately 31,822 square feet (0.73 acres).

FOURTH

That such other facts, matters and things as are deemed of importance to be considered by the Council are as follows: The adoption of this ordinance will establish the alignment of the newly constructed road centerline, and is necessary to formally establish the new alignment as part of the network of surveyed centerline monuments defining public roads in unincorporated King County.

FIFTH

Estimated cost of construction is \$1,465,000.