

BEFORE THE BOARD OF COUNTY COMMISSIONERS  
FOR MULTNOMAH COUNTY, OREGON

**ORDER NO. 05-121**

Authorizing Legalization of Haines Road from NE Larch Mountain Road, Easterly Approximately 3.6 Miles to NE Brower Road as County Road No. 5019

**The Multnomah County Board of Commissioners Finds:**

- a. Haines Road was established as a County Road in 1892, and maintenance and improvements have changed its location over the years.
- b. The above-described Haines Road is a road that has been traveled and used by the public for more than 10 years in a location that does not conform to the location of the road as described in the County Records.
- c. On April 22, 2004, the Board initiated proceedings for legalizing Haines Road in its traveled location and directed the County Surveyor to conduct a survey of the road.
- d. The County Surveyor completed the survey of the road. The County Engineer filed a written report recommending legalization of Haines Road.
- e. By Resolution 05-079 adopted on May 19, 2005, the Board set a public hearing on June 30, 2005, to consider legalization of the portion of Haines Road.
- f. The County Surveyor provided notice of the hearing to interested parties and by posting in a manner consistent with ORS 368.401 – 368.426. Written objections to the proposal or other information received by the County Surveyor have been filed with the Board. No claims for compensation with respect to any encroaching structures on this portion of Haines Road (ORS 368.211) have been filed with the Board.
- g. The Board has determined that legalization of said portion of Haines Road is in the public interest.

**The Multnomah County Board of Commissioners Orders:**

1. That Haines Road from NE Larch Mountain Road No. 2098, easterly approximately 3.6 miles to NE Brower Road No. 4999, as more particularly described in the attached Exhibit A and as shown on Survey No. 59702, Multnomah County Survey Records, is legalized as County Road No. 5019 in accordance with ORS 368.201 through ORS 368.221.

2. This Order legalizing Haines Road is to be recorded as provided under ORS 368.216 (2) and ORS 368.106.

ADOPTED this 14th day of July, 2005.



BOARD OF COUNTY COMMISSIONERS  
FOR MULTNOMAH COUNTY, OREGON

Diane M. Linn, Chair

REVIEWED:

AGNES SOWLE, COUNTY ATTORNEY  
FOR MULTNOMAH COUNTY, OREGON

By   
Matthew O. Ryan, Assistant County Attorney

## EXHIBIT A

### HAINES ROAD No. 5019

A strip of land in the Southwest one-quarter of Section 27, South one-half of Section 28, Southeast one-quarter of section 31, South one-half and Northeast one-quarter of Section 32, North one-half of Section 33 and the Northwest one-quarter of Section 34, Township 1 North, Range 5 East, Willamette Meridian, Multnomah County, Oregon, said strip of land running from the centerline of NE Larch Mountain Road No. 2098, northeasterly along the centerline of the as-traveled Haines Road to its intersection with the centerline of NE Brower Road No. 4999, said strip of land being 60 feet in width, 30 feet on each side of the following described centerline:

Beginning at Engineer's Station 0+00.00, said station being at Engineer's centerline Station 81+67.11 POT of said NE Larch Mountain Road, said station bears  $S74^{\circ}30'06''W$ , a distance of 407.22 feet from a 4" brass disc in concrete post found at the one-quarter corner common to said Sections 31 and 32;

Thence  $S60^{\circ}38'46''E$ , a distance of 85.81 feet to Engineer's Station 0+85.81 PC;

Thence on a curve to the right, having a radius of 200.00 feet, through a central angle of  $15^{\circ}53'37''$  (long chord of which bears  $S52^{\circ}41'57''E$ , a distance of 55.30 feet), an arc distance of 55.48 feet to Engineer's Station 1+41.29 PT;

Thence  $S44^{\circ}45'09''E$ , a distance of 35.40 feet to Engineer's Station 1+76.69 PC;

Thence on a curve to the left, having a radius of 165.00 feet, through a central angle of  $41^{\circ}11'11''$  (long chord of which bears  $S65^{\circ}20'44''E$ , a distance of 116.07 feet), an arc distance of 118.61 feet to Engineer's Station 2+95.30 PT;

Thence  $S85^{\circ}56'19''E$ , a distance of 127.26 feet to Engineer's Station 4+22.56 PC;

Thence on a curve to the left, having a radius of 130.00 feet, through a central angle of  $48^{\circ}47'22''$  (long chord of which bears  $N69^{\circ}40'00''E$ , a distance of 107.39 feet), an arc distance of 110.70 feet to Engineer's Station 5+33.26 PT;

Thence  $N45^{\circ}16'19''E$ , a distance of 47.19 feet to Engineer's Station 5+80.45 PC, from which said one-quarter corner common to Sections 31 and 32 bears  $N30^{\circ}58'51''W$ , a distance of 229.13 feet;

Thence on a curve to the right, having a radius of 209.00 feet, through a central angle of  $106^{\circ}57'07''$  (long chord of which bears  $S81^{\circ}15'08''E$ , a distance of 335.91 feet), an arc distance of 390.13 feet to Engineer's Station 9+70.58 PT;

Thence  $S27^{\circ}46'34''E$ , a distance of 49.92 feet to Engineer's Station 10+20.50 PC;

Thence on a curve to the left, having a radius of 125.00 feet, through a central angle of  $67^{\circ}01'48''$  (long chord of which bears  $S61^{\circ}17'28''E$ , a distance of 138.04 feet), an arc distance of 146.24 feet to Engineer's Station 11+66.74 PT;

Thence  $N85^{\circ}11'38''E$ , a distance of 75.78 feet to Engineer's Station 12+42.52 PC;

Thence on a curve to the right, having a radius of 82.00 feet, through a central angle of  $100^{\circ}48'14''$  (long chord of which bears  $S44^{\circ}24'15''E$ , a distance of 126.37 feet), an arc distance of 144.27 feet to Engineer's Station 13+86.79 PT;

Thence  $S05^{\circ}59'52''W$ , a distance of 58.04 feet to Engineer's Station 14+44.83 PC;

Thence on a curve to the left, having a radius of 250.00 feet, through a central angle of  $25^{\circ}46'19''$  (long chord of which bears  $S06^{\circ}53'18''E$ , a distance of 111.51 feet), an arc distance of 112.45 feet to Engineer's Station 15+57.28 PT;

Thence  $S19^{\circ}46'28''E$ , a distance of 59.04 feet to Engineer's Station 16+16.32 PC;

Thence on a curve to the left, having a radius of 128.00 feet, through a central angle of  $95^{\circ}42'57''$  (long chord of which bears  $S67^{\circ}37'56''E$ , a distance of 189.82 feet), an arc distance of 213.83 feet to Engineer's Station 18+30.15 PT;

Thence  $N64^{\circ}30'35''E$ , a distance of 68.63 feet to Engineer's Station 18+98.78 PC;

Thence on a curve to the right, having a radius of 180.00 feet, through a central angle of  $48^{\circ}36'08''$  (long chord of which bears  $N88^{\circ}48'39''E$ , a distance of 148.15 feet), an arc distance of 152.69 feet to Engineer's Station 20+51.47 PT;

Thence  $S66^{\circ}53'17''E$ , a distance of 31.42 feet to Engineer's Station 20+82.89 PC;

Thence on a curve to the right, having a radius of 95.00 feet, through a central angle of  $109^{\circ}55'16''$  (long chord of which bears  $S11^{\circ}55'39''E$ , a distance of 155.56 feet), an arc distance of 182.26 feet to Engineer's Station 22+65.15 PT;

Thence  $S43^{\circ}01'59''W$ , a distance of 159.64 feet to Engineer's Station 24+24.79 PC;

Thence on a curve to the left, having a radius of 140.00 feet, through a central angle of  $58^{\circ}13'18''$  (long chord of which bears  $S14^{\circ}28'56''W$ , a distance of 136.22 feet), an arc distance of 142.26 feet to Engineer's Station 25+67.05 PT;

Thence  $S14^{\circ}37'43''E$ , a distance of 37.90 feet to Engineer's Station 26+04.95 PC;

Thence on a curve to the right, having a radius of 170.00 feet, through a central angle of  $31^{\circ}55'10''$  (long chord of which bears  $S01^{\circ}19'52''W$ , a distance of 93.49 feet), an arc distance of 94.71 feet to Engineer's Station 26+99.66 PT;

Thence S17°17'27"W, a distance of 57.10 feet to Engineer's Station 27+56.76 PC;  
Thence on a curve to the left, having a radius of 230.00 feet, through a central angle of 43°00'10" (long chord of which bears S04°12'38"E, a distance of 168.60 feet), an arc distance of 172.62 feet to Engineer's Station 29+29.38 PCC;

Thence on a curve to the left, having a radius of 96.00 feet, through a central angle of 93°33'38" (long chord of which bears S72°29'31"E, a distance of 139.92 feet), an arc distance of 156.76 feet to Engineer's Station 30+86.14 PCC;

Thence on a curve to the left, having a radius of 470.00 feet, through a central angle of 31°07'50" (long chord of which bears N45°09'45"E, a distance of 252.23 feet), an arc distance of 255.36 feet to Engineer's Station 33+41.50 PT;

Thence N29°35'50"E, a distance of 26.52 feet to Engineer's Station 33+68.02 PC;

Thence on a curve to the right, having a radius of 140.00 feet, through a central angle of 25°50'38" (long chord of which bears N42°31'09"E, a distance of 62.61 feet), an arc distance of 63.15 feet to Engineer's Station 34+31.17 PT;

Thence N55°26'28"E, a distance of 73.46 feet to Engineer's Station 35+04.63 PC;

Thence on a curve to the right, having a radius of 120.00 feet, through a central angle of 47°25'06" (long chord of which bears N79°09'01"E, a distance of 96.50 feet), an arc distance of 99.31 feet to Engineer's Station 36+03.94PT;

Thence S77°08'26"E, a distance of 97.73 feet to Engineer's Station 37+01.67 PC;

Thence on a curve to the left, having a radius of 790.00 feet, through a central angle of 19°28'48" (long chord of which bears S86°52'50"E, a distance of 267.30 feet), an arc distance of 268.59 feet to Engineer's Station 39+70.26 PT;

Thence N83°22'46"E, a distance of 37.21 feet to Engineer's Station 40+07.47 PC;

Thence on a curve to the right, having a radius of 265.00 feet, through a central angle of 19°51'05" (long chord of which bears S86°41'42"E, a distance of 91.36 feet), an arc distance of 91.81 feet to Engineer's Station 40+99.28 PT;

Thence S76°46'09"E, a distance of 44.59 feet to Engineer's Station 41+43.87 PC;

Thence on a curve to the left, having a radius of 109.00 feet, through a central angle of 44°12'38" (long chord of which bears N81°07'32"E, a distance of 82.04 feet), an arc distance of 84.11 feet to Engineer's Station 42+27.98 PCC;

Thence on a curve to the left, having a radius of 72.00 feet, through a central angle of 101°58'28" (long chord of which bears N08°01'59"E, a distance of 111.89 feet), an arc distance of 128.14 feet to Engineer's Station 43+56.12 PCC;



Thence on a curve to the left, having a radius of 157.00 feet, through a central angle of  $39^{\circ}25'26''$  (long chord of which bears  $N62^{\circ}39'58''W$ , a distance of 105.91 feet), an arc distance of 108.03 feet to Engineer's Station 44+64.15 PT;

Thence  $N82^{\circ}22'41''W$ , a distance of 41.76 feet to Engineer's Station 45+05.91 PC;

Thence on a curve to the right, having a radius of 160.00 feet, through a central angle of  $31^{\circ}55'39''$  (long chord of which bears  $N66^{\circ}24'51''W$ , a distance of 88.01 feet), an arc distance of 89.16 feet to Engineer's Station 45+95.07 PT;

Thence  $N50^{\circ}27'02''W$ , a distance of 24.97 feet to Engineer's Station 46+20.04 PC;

Thence on a curve to the left, having a radius of 385.00 feet, through a central angle of  $18^{\circ}50'45''$  (long chord of which bears  $N59^{\circ}52'25''W$ , a distance of 126.07 feet), an arc distance of 126.64 feet to Engineer's Station 47+46.68 PT;

Thence  $N69^{\circ}17'47''W$ , a distance of 55.31 feet to Engineer's Station 48+01.99 PC;

Thence on a curve to the right, having a radius of 140.00 feet, through a central angle of  $51^{\circ}03'58''$  (long chord of which bears  $N43^{\circ}45'48''W$ , a distance of 120.69 feet), an arc distance of 124.78 feet to Engineer's Station 49+26.77 PT;

Thence  $N18^{\circ}13'50''W$ , a distance of 43.27 feet to Engineer's Station 49+70.04 PC;

Thence on a curve to the right, having a radius of 180.00 feet, through a central angle of  $27^{\circ}34'00''$  (long chord of which bears  $N04^{\circ}26'50''W$ , a distance of 85.77 feet), an arc distance of 86.60 feet to Engineer's Station 50+56.64 PCC;

Thence on a curve to the right, having a radius of 95.00 feet, through a central angle of  $83^{\circ}06'36''$  (long chord of which bears  $N50^{\circ}53'28''E$ , a distance of 126.03 feet), an arc distance of 137.80 feet to Engineer's Station 51+94.44 PT;

Thence  $S87^{\circ}33'14''E$ , a distance of 251.42 feet to Engineer's Station 54+45.86 PC;

Thence on a curve to the left, having a radius of 180.00 feet, through a central angle of  $41^{\circ}55'33''$  (long chord of which bears  $N71^{\circ}28'59''E$ , a distance of 128.80 feet), an arc distance of 131.71 feet to Engineer's Station 55+77.57 PT;

Thence  $N50^{\circ}31'13''E$ , a distance of 39.22 feet to Engineer's Station 56+16.79 PC;

Thence on a curve to the right, having a radius of 550.00 feet, through a central angle of  $18^{\circ}36'37''$  (long chord of which bears  $N59^{\circ}49'31''E$ , a distance of 177.86 feet), an arc distance of 178.65 feet to Engineer's Station 57+95.44 PT;

Thence N69°07'50"E, a distance of 613.19 feet to Engineer's Station 64+08.63 PC, from which a 4" brass disc in concrete post found at the center one-quarter corner of said Section 32 bears N47°28'00"W, a distance of 409.20 feet;

Thence on a curve to the right, having a radius of 500.00 feet, through a central angle of 21°06'41" (long chord of which bears N79°41'10"E, a distance of 183.19 feet), an arc distance of 184.23 feet to Engineer's Station 65+92.86 PT;

Thence S89°45'30"E, a distance of 121.25 feet to Engineer's Station 67+14.11 PC;

Thence on a curve to the left, having a radius of 130.00 feet, through a central angle of 52°29'59" (long chord of which bears N63°59'31"E, a distance of 114.99 feet), an arc distance of 119.12 feet to Engineer's Station 68+33.23 PT;

Thence N37°44'31"E, a distance of 290.89 feet to Engineer's Station 71+24.12 PC;

Thence on a curve to the right, having a radius of 145.00 feet, through a central angle of 59°49'09" (long chord of which bears N67°39'06"E, a distance of 144.60 feet), an arc distance of 151.39 feet to Engineer's Station 72+75.51 PT;

Thence S82°26'19"E, a distance of 83.21 feet to Engineer's Station 73+58.72 PC;

Thence on a curve to the left, having a radius of 155.00 feet, through a central angle of 66°56'17" (long chord of which bears N64°05'32"E, a distance of 170.96 feet), an arc distance of 181.09 feet to Engineer's Station 75+39.81 PT;

Thence N30°37'23"E, a distance of 41.87 feet to Engineer's Station 75+81.68 PC;

Thence on a curve to the right, having a radius of 680.00 feet, through a central angle of 11°08'03" (long chord of which bears N36°11'25"E, a distance of 131.93 feet), an arc distance of 132.14 feet to Engineer's Station 77+13.82 PT;

Thence N41°45'26"E, a distance of 44.93 feet to Engineer's Station 77+58.75 PC;

Thence on a curve to the right, having a radius of 380.00 feet, through a central angle of 32°20'05" (long chord of which bears N57°55'29"E, a distance of 211.62 feet), an arc distance of 214.45 feet to Engineer's Station 79+73.20 PT;

Thence N74°05'31"E, a distance of 89.00 feet to Engineer's Station 80+62.20 PC;

Thence on a curve to the right, having a radius of 675.00 feet, through a central angle of 12°53'56" (long chord of which bears N80°32'29"E, a distance of 151.64 feet), an arc distance of 151.96 feet to Engineer's Station 82+14.16 PT;

Thence N86°59'27"E, a distance of 88.23 feet to Engineer's Station 83+02.39 PC;

Thence on a curve to the left, having a radius of 520.00 feet, through a central angle of 19°08'09" (long chord of which bears N77°25'22"E, a distance of 172.86 feet), an arc distance of 173.67 feet to Engineer's Station 84+76.06 PT;

Thence N67°51'18"E, a distance of 208.49 feet to Engineer's Station 86+84.55 PC, from which a 4" brass disc in concrete post found at the one-quarter corner common to said Sections 32 and 33 bears S31°55'57"E, a distance of 734.10 feet;

Thence on a curve to the left, having a radius of 575.00 feet, through a central angle of 14°59'33" (long chord of which bears N60°21'31"E, a distance of 150.03 feet), an arc distance of 150.46 feet to Engineer's Station 88+35.01 PT;

Thence N52°51'45"E, a distance of 383.34 feet to Engineer's Station 92+18.35 PC;

Thence on a curve to the left, having a radius of 700.00 feet, through a central angle of 16°26'28" (long chord of which bears N44°38'31"E, a distance of 200.18 feet), an arc distance of 200.86 feet to Engineer's Station 94+19.21 PT;

Thence N36°25'17"E, a distance of 130.74 feet to Engineer's Station 95+49.95 PC;

Thence on a curve to the left, having a radius of 775.00 feet, through a central angle of 16°12'35" (long chord of which bears N28°19'00"E, a distance of 218.53 feet), an arc distance of 219.26 feet to Engineer's Station 97+69.21 PT;

Thence N20°12'42"E, a distance of 223.66 feet to Engineer's Station 99+92.87 PC;

Thence on a curve to the right, having a radius of 400.00 feet, through a central angle of 12°48'02" (long chord of which bears N26°36'43"E, a distance of 89.18 feet), an arc distance of 89.37 feet to Engineer's Station 100+82.24 PT;

Thence N33°00'44"E, a distance of 334.33 feet to Engineer's Station 104+16.57 PC, from which a 4" brass disc in concrete post found at the corner common to said Sections 28, 29, 32 and 33 bears N42°17'15"W, a distance of 911.31 feet;

Thence on a curve to the right, having a radius of 170.00 feet, through a central angle of 29°09'58" (long chord of which bears N47°35'43"E, a distance of 85.61 feet), an arc distance of 86.54 feet to Engineer's Station 105+03.11 PT;

Thence N62°10'42"E, a distance of 61.23 feet to Engineer's Station 105+64.34 PC;

Thence on a curve to the left, having a radius of 300.00 feet, through a central angle of 20°28'06" (long chord of which bears N51°56'39"E, a distance of 106.60 feet), an arc distance of 107.17 feet to Engineer's Station 106+71.51 PT;

Thence N41°42'36"E, a distance of 58.59 feet to Engineer's Station 107+30.10 PC;



Thence on a curve to the left, having a radius of 450.00 feet, through a central angle of  $10^{\circ}31'38''$  (long chord of which bears  $N36^{\circ}26'47''E$ , a distance of 82.56 feet), an arc distance of 82.68 feet to Engineer's Station 108+12.78 PT;

Thence  $N31^{\circ}10'59''E$ , a distance of 172.32 feet to Engineer's Station 109+85.10 PC;  
Thence on a curve to the left, having a radius of 500.00 feet, through a central angle of  $14^{\circ}07'13''$  (long chord of which bears  $N24^{\circ}07'22''E$ , a distance of 122.91 feet), an arc distance of 123.22 feet to Engineer's Station 111+08.32 PT;

Thence  $N17^{\circ}03'46''E$ , a distance of 116.22 feet to Engineer's Station 112+24.54 PC;

Thence on a curve to the right, having a radius of 425.00 feet, through a central angle of  $19^{\circ}46'59''$  (long chord of which bears  $N26^{\circ}57'15''E$ , a distance of 146.02 feet), an arc distance of 146.74 feet to Engineer's Station 113+71.28 PT;

Thence  $N36^{\circ}50'45''E$ , a distance of 135.63 feet to Engineer's Station 115+06.91 PC;

Thence on a curve to the right, having a radius of 800.00 feet, through a central angle of  $17^{\circ}19'48''$  (long chord of which bears  $N45^{\circ}30'39''E$ , a distance of 241.05 feet), an arc distance of 241.97 feet to Engineer's Station 117+48.88 PT;

Thence  $N54^{\circ}10'33''E$ , a distance of 37.87 feet to Engineer's Station 117+86.75 PC;

Thence on a curve to the right, having a radius of 83.00 feet, through a central angle of  $134^{\circ}58'42''$  (long chord of which bears  $S58^{\circ}20'06''E$ , a distance of 153.35 feet), an arc distance of 195.53 feet to Engineer's Station 119+82.28 PCC;

Thence on a curve to the right, having a radius of 245.00 feet, through a central angle of  $22^{\circ}41'56''$  (long chord of which bears  $S20^{\circ}30'14''W$ , a distance of 96.43 feet), an arc distance of 97.06 feet to Engineer's Station 120+79.34 PT;

Thence  $S31^{\circ}51'16''W$ , a distance of 161.13 feet to Engineer's Station 122+40.47 PC;

Thence on a curve to the left, having a radius of 250.00 feet, through a central angle of  $29^{\circ}12'36''$  (long chord of which bears  $S17^{\circ}14'58''W$ , a distance of 126.08 feet), an arc distance of 127.45 feet to Engineer's Station 123+67.92 PCC;

Thence on a curve to the left, having a radius of 90.00 feet, through a central angle of  $87^{\circ}23'13''$  (long chord of which bears  $S41^{\circ}02'56''E$ , a distance of 124.34 feet), an arc distance of 137.27 feet to Engineer's Station 125+05.19 PCC;

Thence on a curve to the left, having a radius of 197.00 feet, through a central angle of  $34^{\circ}16'55''$  (long chord of which bears  $N78^{\circ}06'59''E$ , a distance of 116.12 feet), an arc distance of 117.87 feet to Engineer's Station 126+23.06 PRC;

Thence on a curve to the right, having a radius of 2000.00 feet, through a central angle of  $7^{\circ}18'22''$  (long chord of which bears  $N64^{\circ}37'43''E$ , a distance of 254.86 feet), an arc distance of 255.03 feet to Engineer's Station 128+78.09 PT;

Thence  $N68^{\circ}16'54''E$ , a distance of 135.02 feet to Engineer's Station 130+13.11 PC;

Thence on a curve to the left, having a radius of 1800.00 feet, through a central angle of  $10^{\circ}23'02''$  (long chord of which bears  $N63^{\circ}05'23''E$ , a distance of 325.77 feet), an arc distance of 326.22 feet to Engineer's Station 133+39.33 PT;

Thence  $N57^{\circ}53'52''E$ , a distance of 246.75 feet to Engineer's Station 135+86.08 PC;

Thence on a curve to the left, having a radius of 900.00 feet, through a central angle of  $7^{\circ}42'00''$  (long chord of which bears  $N54^{\circ}02'52''E$ , a distance of 120.86 feet), an arc distance of 120.95 feet to Engineer's Station 137+07.03 PT;

Thence  $N50^{\circ}11'52''E$ , a distance of 189.75 feet to Engineer's Station 138+96.78 PC;

Thence on a curve to the right, having a radius of 575.00 feet, through a central angle of  $18^{\circ}29'09''$  (long chord of which bears  $N59^{\circ}26'26''E$ , a distance of 184.71 feet), an arc distance of 185.52 feet to Engineer's Station 140+82.30 PCC;

Thence on a curve to the right, having a radius of 79.50 feet, through a central angle of  $143^{\circ}14'58''$  (long chord of which bears  $S39^{\circ}41'31''E$ , a distance of 150.89 feet), an arc distance of 198.76 feet to Engineer's Station 142+81.06 PCC;

Thence on a curve to the right, having a radius of 675.00 feet, through a central angle of  $9^{\circ}31'26''$  (long chord of which bears  $S36^{\circ}41'41''W$ , a distance of 112.07 feet), an arc distance of 112.20 feet to Engineer's Station 143+93.26 PT;

Thence  $S41^{\circ}27'24''W$ , a distance of 169.97 feet to Engineer's Station 145+63.23 PC;

Thence on a curve to the left, having a radius of 325.00 feet, through a central angle of  $18^{\circ}11'20''$  (long chord of which bears  $S32^{\circ}21'44''W$ , a distance of 102.74 feet), an arc distance of 103.17 feet to Engineer's Station 146+66.40 PT;

Thence  $S23^{\circ}16'04''W$ , a distance of 49.54 feet to Engineer's Station 147+15.94 PC;

Thence on a curve to the right, having a radius of 325.00 feet, through a central angle of  $15^{\circ}28'18''$  (long chord of which bears  $S31^{\circ}00'13''W$ , a distance of 87.49 feet), an arc distance of 87.76 feet to Engineer's Station 148+03.70 PT;

Thence  $S38^{\circ}44'22''W$ , a distance of 49.18 feet to Engineer's Station 148+52.88 PC;

Thence on a curve to the left, having a radius of 105.00 feet, through a central angle of  $36^{\circ}03'13''$  (long chord of which bears  $S20^{\circ}42'45''W$ , a distance of 64.99 feet), an arc

distance of 66.07 feet to Engineer's Station 149+18.95 PCC, from which a 4" brass disc in concrete post found at the one-quarter corner common to said Sections 28 and 33 bears N49°47'30"W, a distance of 35.92 feet;

Thence on a curve to the left, having a radius of 22.50 feet, through a central angle of 118°23'09" (long chord of which bears S56°30'26"E, a distance of 38.65 feet), an arc distance of 46.49 feet to Engineer's Station 149+65.44 PRC;

Thence on a curve to the right, having a radius of 1000.00 feet, through a central angle of 23°58'53" (long chord of which bears N76°17'26"E, a distance of 415.51 feet), an arc distance of 418.55 feet to Engineer's Station 153+83.99 PT;

Thence N88°16'53"E, a distance of 284.98 feet to Engineer's Station 156+68.97 PC;

Thence on a curve to the right, having a radius of 650.00 feet, through a central angle of 19°22'39" (long chord of which bears S82°01'48"E, a distance of 218.79 feet), an arc distance of 219.83 feet to Engineer's Station 158+88.80 PT;

Thence S72°20'28"E, a distance of 157.37 feet to Engineer's Station 160+46.17 PC;

Thence on a curve to the left, having a radius of 450.00 feet, through a central angle of 18°22'33" (long chord of which bears S81°31'44"E, a distance of 143.70 feet), an arc distance of 144.32 feet to Engineer's Station 161+90.49 PT;

Thence N89°16'59"E, a distance of 114.34 feet to Engineer's Station 163+04.83 PC;

Thence on a curve to the left, having a radius of 900.00 feet, through a central angle of 23°55'52" (long chord of which bears N77°19'03"E, a distance of 373.18 feet), an arc distance of 375.91 feet to Engineer's Station 166+80.74 PT;

Thence N65°21'07"E, a distance of 403.75 feet to Engineer's Station 170+84.49 PC;

Thence on a curve to the right, having a radius of 600.00 feet, through a central angle of 19°51'23" (long chord of which bears N75°16'48"E, a distance of 206.90 feet), an arc distance of 207.93 feet to Engineer's Station 172+92.42 PT;

Thence N85°12'30"E, a distance of 185.31 feet to Engineer's Station 174+77.73 PC;

Thence on a curve to the right, having a radius of 195.00 feet, through a central angle of 41°17'56" (long chord of which bears S74°08'33"E, a distance of 137.53 feet), an arc distance of 140.56 feet to Engineer's Station 176+18.29 PT;

Thence S53°29'35"E, a distance of 74.40 feet to Engineer's Station 176+92.69 PC, from which a 4" brass disc in concrete post found at the corner common to said Sections 27, 28, 33 and 34 bears S11°20'44"W, a distance of 205.74 feet;

Thence on a curve to the left, having a radius of 140.00 feet, through a central angle of  $38^{\circ}12'24''$  (long chord of which bears  $S72^{\circ}35'47''E$ , a distance of 91.64 feet), an arc distance of 93.36 feet to Engineer's Station 177+86.05 PT;

Thence  $N88^{\circ}18'01''E$ , a distance of 130.80 feet to Engineer's Station 179+16.85 PC;

Thence on a curve to the right, having a radius of 700.00 feet, through a central angle of  $9^{\circ}11'47''$  (long chord of which bears  $S87^{\circ}06'05''E$ , a distance of 112.24 feet), an arc distance of 112.36 feet to Engineer's Station 180+29.21 PT;

Thence  $S82^{\circ}30'12''E$ , a distance of 143.19 feet to Engineer's Station 181+72.40 PC;

Thence on a curve to the right, having a radius of 225.00 feet, through a central angle of  $43^{\circ}48'43''$  (long chord of which bears  $S60^{\circ}35'50''E$ , a distance of 167.89 feet), an arc distance of 172.05 feet to Engineer's Station 183+44.45 PT;

Thence  $S38^{\circ}41'28''E$ , a distance of 204.24 feet to Engineer's Station 185+48.69 PC;

Thence on a curve to the left, having a radius of 240.00 feet, through a central angle of  $29^{\circ}36'59''$  (long chord of which bears  $S52^{\circ}55'47''E$ , a distance of 122.68 feet), an arc distance of 124.06 feet to Engineer's Station 186+72.75 PCC;

Thence on a curve to the left, having a radius of 70.00 feet, through a central angle of  $83^{\circ}15'32''$  (long chord of which bears  $N70^{\circ}37'58''E$ , a distance of 93.00 feet), an arc distance of 101.72 feet to Engineer's Station 187+74.47 PT;

Thence  $N29^{\circ}00'11''E$ , a distance of 39.78 feet to Engineer's Station 188+14.25 PC;

Thence on a curve to the right, having a radius of 155.00 feet, through a central angle of  $53^{\circ}12'01''$  (long chord of which bears  $N55^{\circ}36'12''E$ , a distance of 138.81 feet), an arc distance of 143.92 feet to Engineer's Station 189+58.17 PT;

Thence  $N82^{\circ}12'13''E$ , a distance of 230.86 feet to Engineer's Station 191+89.03 and the terminus of Haines Road No. 5019, which equals Engineer's centerline Station 98+25.26 POT of said NE Brower Road.

The heretofore description is written and based on a survey by Robert A. Hovden, Multnomah County Surveyor, recorded as Survey Number 59702, Multnomah County Survey Records, and by said reference is hereby made a part thereof.