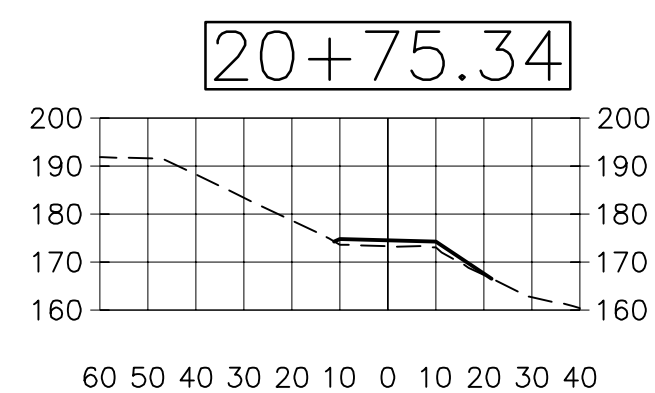
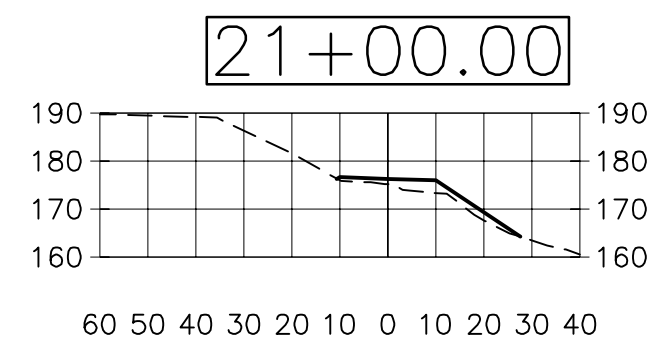
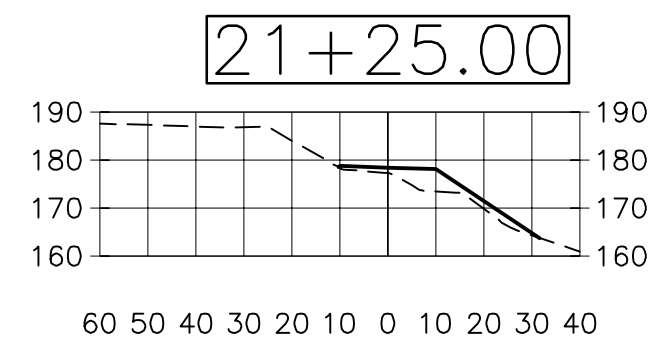
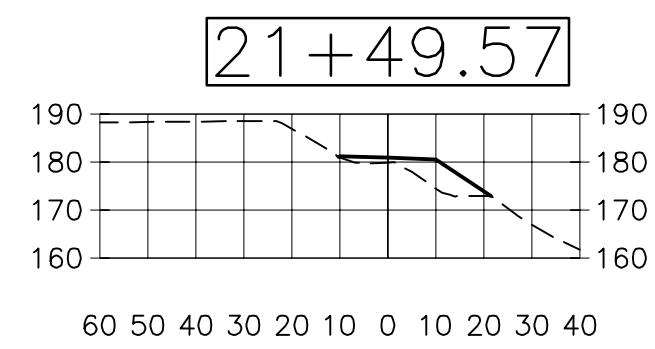
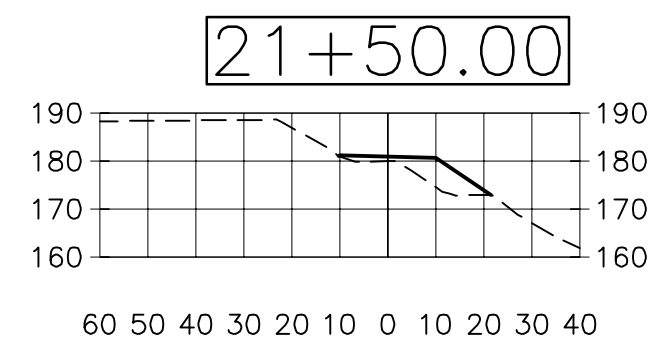
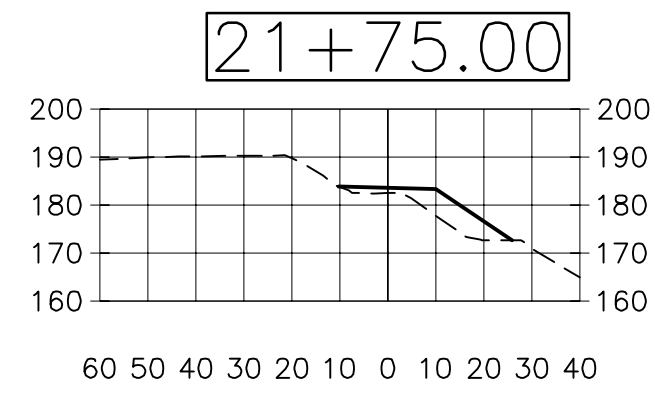
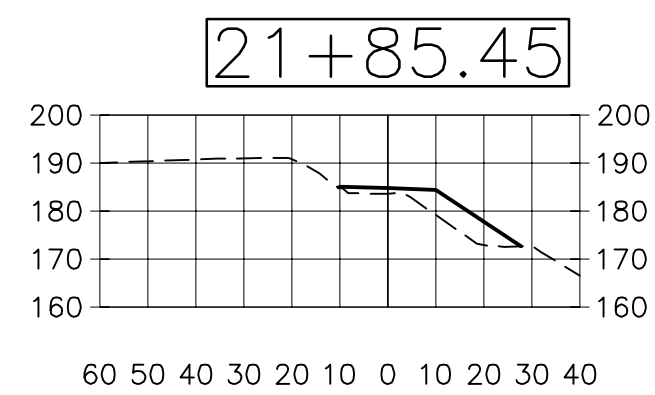


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| Total Volume Table | | | | | | |
|--------------------|-----------|----------|-------------|------------|---------------------|--------------------|
| Station | Fill Area | Cut Area | Fill Volume | Cut Volume | Cumulative Fill Vol | Cumulative Cut Vol |
| 11+25.00 | 0.56 | 323.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11+37.80 | 1.75 | 322.25 | 0.48 | 187.27 | 0.48 | 187.27 |
| 11+49.61 | 5.69 | 263.90 | 1.44 | 156.59 | 1.92 | 343.86 |
| 11+50.00 | 5.84 | 261.31 | 0.08 | 3.81 | 2.00 | 347.67 |
| 11+75.00 | 9.14 | 153.23 | 7.50 | 147.34 | 9.51 | 495.01 |
| 11+89.46 | 12.63 | 127.87 | 6.25 | 56.24 | 15.76 | 551.24 |
| 12+00.00 | 14.49 | 126.94 | 5.42 | 46.35 | 21.17 | 597.59 |
| 12+25.00 | 5.00 | 135.29 | 9.23 | 113.04 | 30.40 | 710.63 |
| 12+50.00 | 8.10 | 144.86 | 6.15 | 120.50 | 36.55 | 831.12 |
| 12+75.00 | 12.65 | 184.84 | 9.77 | 141.48 | 46.32 | 972.61 |
| 12+88.72 | 14.18 | 200.87 | 6.95 | 90.76 | 53.27 | 1063.37 |
| 12+90.13 | 14.18 | 202.61 | 0.74 | 10.52 | 54.01 | 1073.89 |
| 13+00.00 | 15.26 | 218.39 | 5.38 | 76.97 | 59.39 | 1150.85 |
| 13+11.28 | 18.14 | 233.81 | 6.98 | 94.46 | 66.36 | 1245.31 |
| 13+25.00 | 20.96 | 248.33 | 9.93 | 122.50 | 76.30 | 1367.81 |
| 13+41.23 | 20.51 | 254.50 | 12.46 | 151.11 | 88.76 | 1518.92 |
| 13+50.00 | 26.34 | 265.98 | 6.80 | 112.19 | 95.56 | 1631.12 |
| 13+75.00 | 94.16 | 0.00 | 45.19 | 165.17 | 140.75 | 1796.28 |
| 13+80.73 | 115.77 | 0.00 | 17.14 | 0.00 | 157.88 | 1796.28 |
| 14+00.00 | 101.04 | 0.00 | 58.91 | 0.00 | 216.80 | 1796.28 |
| 14+07.68 | 76.08 | 0.00 | 19.58 | 0.00 | 236.38 | 1796.28 |
| 14+25.00 | 47.15 | 185.21 | 31.45 | 80.37 | 267.82 | 1876.66 |
| 14+42.80 | 34.06 | 180.88 | 21.88 | 161.22 | 289.70 | 2037.87 |
| 14+50.00 | 30.89 | 164.97 | 8.66 | 46.10 | 298.36 | 2083.98 |
| 14+54.62 | 28.80 | 158.15 | 5.11 | 27.65 | 303.47 | 2111.63 |
| 14+75.00 | 15.83 | 140.50 | 17.65 | 99.14 | 321.12 | 2210.77 |
| 15+00.00 | 8.39 | 130.16 | 11.56 | 110.46 | 332.68 | 2321.23 |
| 15+25.00 | 9.11 | 109.56 | 8.39 | 98.09 | 341.07 | 2419.33 |
| 15+50.00 | 15.33 | 109.91 | 11.84 | 90.33 | 352.91 | 2509.66 |
| 15+51.74 | 15.15 | 112.00 | 0.98 | 7.15 | 353.89 | 2516.81 |
| 15+75.00 | 13.46 | 146.89 | 12.32 | 111.51 | 366.22 | 2628.32 |
| 15+86.93 | 17.24 | 140.41 | 6.78 | 63.48 | 373.00 | 2691.80 |
| 16+00.00 | 18.31 | 137.57 | 8.60 | 67.28 | 381.60 | 2759.07 |
| 16+05.76 | 16.70 | 139.90 | 3.73 | 29.57 | 385.33 | 2788.65 |
| 16+25.00 | 10.62 | 149.36 | 9.74 | 103.08 | 395.07 | 2891.73 |
| 16+36.62 | 8.12 | 153.43 | 4.03 | 65.18 | 399.11 | 2956.91 |
| 16+50.00 | 6.74 | 155.32 | 3.68 | 76.48 | 402.79 | 3033.39 |
| 16+75.00 | 10.13 | 145.35 | 7.81 | 139.20 | 410.59 | 3172.59 |
| 16+84.20 | 15.11 | 137.69 | 4.30 | 48.23 | 414.89 | 3220.82 |
| 16+99.25 | 17.92 | 130.72 | 9.73 | 60.36 | 424.62 | 3281.18 |

| Total Volume Table | | | | | | |
|--------------------|-----------|----------|-------------|------------|---------------------|--------------------|
| Station | Fill Area | Cut Area | Fill Volume | Cut Volume | Cumulative Fill Vol | Cumulative Cut Vol |
| 17+00.00 | 17.82 | 131.48 | 0.50 | 3.64 | 425.12 | 3284.83 |
| 17+25.00 | 12.56 | 148.94 | 14.07 | 129.82 | 439.19 | 3414.65 |
| 17+50.00 | 12.18 | 148.25 | 11.45 | 137.59 | 450.64 | 3552.24 |
| 17+53.97 | 12.83 | 146.36 | 1.84 | 21.68 | 452.48 | 3573.92 |
| 17+75.00 | 14.90 | 133.82 | 10.80 | 109.09 | 463.28 | 3683.01 |
| 17+79.72 | 14.64 | 130.64 | 2.58 | 23.13 | 465.86 | 3706.14 |
| 17+88.79 | 10.58 | 122.46 | 4.58 | 34.64 | 470.44 | 3740.78 |
| 18+00.00 | 8.67 | 110.08 | 4.00 | 48.29 | 474.44 | 3789.08 |
| 18+12.41 | 7.36 | 97.62 | 3.69 | 47.74 | 478.13 | 3836.81 |
| 18+25.00 | 7.59 | 90.12 | 3.57 | 36.41 | 481.70 | 3873.22 |
| 18+50.00 | 12.07 | 86.25 | 9.40 | 68.67 | 491.10 | 3941.89 |
| 18+51.98 | 12.52 | 85.61 | 0.94 | 5.32 | 492.03 | 3947.21 |
| 18+75.00 | 19.83 | 92.94 | 13.79 | 76.12 | 505.83 | 4023.33 |
| 18+76.32 | 20.29 | 93.54 | 0.98 | 4.56 | 506.81 | 4027.89 |
| 19+00.00 | 59.65 | 91.49 | 31.93 | 95.91 | 538.74 | 4123.80 |
| 19+24.96 | 33.92 | 93.23 | 39.11 | 101.64 | 577.85 | 4225.43 |
| 19+25.00 | 33.91 | 93.17 | 0.05 | 0.14 | 577.90 | 4225.57 |
| 19+50.00 | 31.49 | 58.83 | 30.28 | 70.37 | 608.18 | 4295.95 |
| 19+57.94 | 30.87 | 43.37 | 9.16 | 15.02 | 617.34 | 4310.97 |
| 19+69.35 | 24.34 | 22.86 | 12.21 | 11.75 | 629.56 | 4322.72 |
| 19+75.00 | 22.52 | 0.00 | 5.02 | 2.03 | 634.57 | 4324.75 |
| 19+91.80 | 40.66 | 0.00 | 20.43 | 0.00 | 655.01 | 4324.75 |
| 19+93.67 | 42.23 | 0.00 | 2.86 | 0.00 | 657.87 | 4324.75 |
| 20+00.00 | 40.17 | 0.00 | 10.35 | 0.00 | 668.21 | 4324.75 |
| 20+05.03 | 32.81 | 0.00 | 7.16 | 0.00 | 675.38 | 4324.75 |
| 20+18.95 | 24.33 | 0.00 | 15.16 | 0.00 | 690.54 | 4324.75 |
| 20+25.00 | 23.02 | 0.00 | 5.37 | 0.00 | 695.91 | 4324.75 |
| 20+48.77 | 27.00 | 0.00 | 22.66 | 0.00 | 718.57 | 4324.75 |
| 20+50.00 | 26.41 | 0.00 | 1.16 | 0.00 | 719.74 | 4324.75 |
| 20+75.00 | 35.06 | 0.00 | 27.13 | 0.00 | 746.87 | 4324.75 |
| 20+75.34 | 35.17 | 0.00 | 0.44 | 0.00 | 747.31 | 4324.75 |
| 21+00.00 | 55.24 | 0.00 | 41.28 | 0.00 | 788.59 | 4324.75 |
| 21+25.00 | 81.13 | 0.00 | 63.13 | 0.00 | 851.72 | 4324.75 |
| 21+49.57 | 81.94 | 0.00 | 74.19 | 0.00 | 925.91 | 4324.75 |
| 21+50.00 | 82.32 | 0.00 | 1.32 | 0.00 | 927.23 | 4324.75 |
| 21+75.00 | 101.43 | 0.00 | 85.07 | 0.00 | 1012.30 | 4324.75 |
| 21+85.45 | 108.14 | 0.00 | 40.56 | 0.00 | 1052.85 | 4324.75 |

NOTE:
EARTHWORK NOT CALCULATED AT INTERSECTIONS, DRIVEWAYS, SHOULDER WIDENINGS OR TURNAROUND.

2/22/2011 WORK-IN-PROGRESS / NOT FOR CONSTRUCTION

| | | |
|-------------------|------------|-------------|
| DESIGNED: | SSS | |
| DRAWN: | SSS | |
| CHECKED: | | |
| DATE: | __/__/2011 | |
| R E V I S I O N S | | |
| DATE | NO. | DESCRIPTION |

SUMMERSETT CIVIL ENGINEERING
 6305 Miller Road
 Mount Hood Parkdale, OR 97041-8722
 (541) 352-9313

PRELIMINARY SECTIONS & EARTHWORK - UPPER ROAD
MANCINI ACCESS ROAD
 T01N R10E S21 TL107 HOOD RIVER COUNTY, OR

| | | | |
|-----------|-------------|----|---|
| SHEET NO. | 6 | OF | 6 |
| JOB NO. | 01N10E21107 | | |