

|                    |  |  |  |  |
|--------------------|--|--|--|--|
| DATE               |  |  |  |  |
| BY                 |  |  |  |  |
| REFERENCES NOTED   |  |  |  |  |
| REFERENCES CHECKED |  |  |  |  |

HARRY

| STATION   | AREAS         |       | VOLUMES      |        | CUMULATIVE VOLUMES |         |
|-----------|---------------|-------|--------------|--------|--------------------|---------|
|           | Square Meters |       | Cubic Meters |        | Cubic Meters       |         |
|           | CUT           | FILL  | CUT          | FILL   | CUT                | FILL    |
| 0+340.740 | 0.232         | 0.227 | 7.259        | 3.537  | 7.259              | 3.537   |
| 0+360     | 0.522         | 0.140 | 26.314       | 10.890 | 33.573             | 14.426  |
| 0+380.815 | 2.007         | 0.906 | 39.746       | 4.976  | 73.319             | 19.402  |
| 0+389.815 | 6.826         | 0.199 | 36.028       | 0.510  | 109.348            | 19.912  |
| 0+394.455 | 8.704         | 0.020 | 42.044       | 0.254  | 151.392            | 20.165  |
| 0+399.308 | 8.623         | 0.084 | 67.765       | 0.488  | 219.157            | 20.653  |
| 0+408.308 | 6.436         | 0.024 | 82.628       | 0.219  | 301.785            | 20.872  |
| 0+420     | 7.698         | 0.013 | 165.851      | 0.291  | 467.636            | 21.163  |
| 0+440     | 8.887         | 0.016 | 149.088      | 0.148  | 616.724            | 21.311  |
| 0+458.206 | 7.491         | 0.000 | 122.456      | 2.213  | 739.180            | 23.523  |
| 0+480     | 3.746         | 0.203 | 66.839       | 9.208  | 806.018            | 32.731  |
| 0+497.263 | 3.997         | 0.864 | 16.918       | 2.405  | 822.936            | 35.136  |
| 0+501.231 | 4.530         | 0.348 | 26.514       | 4.119  | 849.450            | 39.255  |
| 0+506.263 | 6.008         | 1.289 | 30.334       | 4.921  | 879.784            | 44.175  |
| 0+510.231 | 9.281         | 1.191 | 7.487        | 0.965  | 887.271            | 45.141  |
| 0+511.039 | 9.251         | 1.198 | 35.238       | 4.787  | 922.509            | 49.928  |
| 0+514.983 | 8.618         | 1.229 | 6.629        | 0.905  | 929.138            | 50.833  |
| 0+515.731 | 9.106         | 1.192 | 33.400       | 4.808  | 962.538            | 55.641  |
| 0+519.756 | 7.490         | 1.197 | 30.328       | 5.627  | 992.866            | 61.268  |
| 0+524.731 | 4.702         | 1.065 | 17.754       | 4.087  | 1010.620           | 65.355  |
| 0+528.756 | 4.119         | 0.966 | 46.198       | 10.905 | 1056.817           | 76.261  |
| 0+540     | 4.098         | 0.973 | 82.774       | 19.787 | 1139.592           | 96.048  |
| 0+560     | 4.180         | 1.005 | 100.777      | 22.727 | 1240.369           | 118.774 |
| 0+582.633 | 4.726         | 1.003 | 50.240       | 9.448  | 1290.609           | 128.222 |
| 0+591.633 | 6.439         | 1.096 | 31.604       | 5.460  | 1322.212           | 133.682 |
| 0+596.406 | 6.804         | 1.191 | 31.542       | 5.286  | 1353.755           | 138.968 |
| 0+601.132 | 6.545         | 1.046 | 49.101       | 9.588  | 1402.856           | 148.556 |
| 0+610.132 | 4.367         | 1.085 | 48.250       | 12.505 | 1451.106           | 161.061 |
| 0+621.590 | 4.055         | 1.098 | 48.158       | 9.930  | 1499.264           | 170.991 |
| 0+630.590 | 6.646         | 1.109 | 31.708       | 5.264  | 1530.972           | 176.255 |
| 0+635.397 | 6.546         | 1.081 | 31.962       | 5.049  | 1562.934           | 181.304 |
| 0+640.115 | 7.003         | 1.059 | 51.194       | 9.731  | 1614.128           | 191.035 |
| 0+649.115 | 4.374         | 1.103 | 41.906       | 11.917 | 1656.035           | 202.951 |
| 0+660     | 3.326         | 1.086 | 84.476       | 25.037 | 1740.511           | 227.988 |
| 0+683.256 | 3.939         | 1.067 | 44.665       | 9.986  | 1785.176           | 237.974 |
| 0+692.256 | 5.987         | 1.152 | 28.306       | 6.108  | 1813.482           | 244.082 |
| 0+697.007 | 5.929         | 1.419 | 28.245       | 5.871  | 1841.726           | 249.952 |
| 0+701.741 | 6.004         | 1.061 | 44.898       | 9.927  | 1886.624           | 259.880 |
| 0+710.741 | 3.974         | 1.145 | 34.233       | 10.700 | 1920.856           | 270.580 |
| 0+720     | 3.421         | 1.166 | 70.489       | 26.075 | 1991.345           | 296.655 |
| 0+742.062 | 2.969         | 1.197 | 40.156       | 10.209 | 2031.501           | 306.864 |
| 0+751.061 | 5.955         | 1.072 | 29.209       | 5.175  | 2060.711           | 312.040 |
| 0+755.860 | 6.218         | 1.085 | 28.729       | 5.523  | 2089.440           | 317.562 |
| 0+760.574 | 5.971         | 1.258 | 42.981       | 11.787 | 2132.420           | 329.349 |
| 0+769.573 | 3.581         | 1.362 | 50.659       | 18.574 | 2183.079           | 347.923 |
| 0+783.185 | 3.862         | 1.367 | 45.354       | 11.602 | 2228.432           | 359.526 |
| 0+792.185 | 6.216         | 1.211 | 29.786       | 5.853  | 2258.219           | 365.379 |
| 0+796.969 | 6.236         | 1.236 | 29.664       | 5.777  | 2287.882           | 371.155 |
| 0+801.719 | 6.254         | 1.196 | 44.037       | 11.381 | 2331.919           | 382.537 |
| 0+810.719 | 3.532         | 1.333 | 32.794       | 13.213 | 2364.714           | 395.750 |
| 0+820     | 3.535         | 1.514 | 73.893       | 28.341 | 2438.607           | 424.090 |
| 0+840     | 3.854         | 1.320 | 116.382      | 16.335 | 2554.989           | 440.426 |
| 0+862.535 | 6.475         | 0.130 | 59.162       | 0.576  | 2614.150           | 441.002 |
| 0+871.400 | 6.873         | 0.000 | 31.928       | 0.001  | 2646.078           | 441.002 |
| 0+876.171 | 6.512         | 0.000 | 32.916       | 0.002  | 2678.995           | 441.004 |
| 0+880.830 | 7.619         | 0.001 | 67.730       | 0.002  | 2746.724           | 441.006 |
| 0+889.971 | 7.200         | 0.000 | 213.859      | 0.367  | 2960.584           | 441.373 |
| 0+920     | 7.043         | 0.024 | 128.848      | 1.489  | 3089.432           | 442.862 |
| 0+940     | 5.842         | 0.124 | 118.524      | 2.713  | 3207.956           | 445.575 |
| 0+960     | 6.011         | 0.147 | 118.102      | 1.471  | 3326.057           | 447.046 |
| 0+980.034 | 5.779         | 0.000 | 14.888       | 0.164  | 3340.945           | 447.210 |
| 0+982.591 | 5.866         | 0.129 | 37.684       | 2.899  | 3378.629           | 450.109 |
| 0+989.175 | 5.581         | 0.752 | 13.111       | 0.846  | 3391.741           | 450.955 |
| 0+991.425 | 6.073         | 0.000 | 58.303       | 0.000  | 3450.044           | 450.955 |
| 1+000     | 7.525         | 0.000 | 49.952       | 0.000  | 3499.995           | 450.955 |
| 1+006.415 | 8.048         | 0.000 | 36.718       | 0.000  | 3536.713           | 450.955 |
| 1+010.696 | 9.106         | 0.000 | 35.998       | 0.272  | 3572.711           | 451.227 |

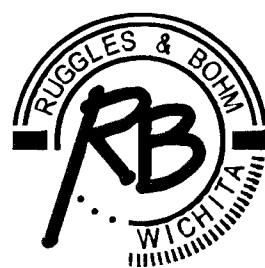
HARRY

| STATION   | AREAS         |       | VOLUMES      |        | CUMULATIVE VOLUMES |          |
|-----------|---------------|-------|--------------|--------|--------------------|----------|
|           | Square Meters |       | Cubic Meters |        | Cubic Meters       |          |
|           | CUT           | FILL  | CUT          | FILL   | CUT                | FILL     |
| 1+010.696 | 9.106         | 0.000 | 35.998       | 0.272  | 3572.711           | 451.227  |
| 1+015.386 | 6.245         | 0.116 | 26.292       | 0.251  | 3599.003           | 451.478  |
| 1+019.708 | 5.922         | 0.000 | 120.063      | 0.011  | 3719.067           | 451.490  |
| 1+040     | 5.912         | 0.001 | 122.212      | 0.011  | 3841.278           | 451.501  |
| 1+060     | 6.309         | 0.000 | 142.672      | 0.030  | 3983.950           | 451.530  |
| 1+077.664 | 9.845         | 0.003 | 71.195       | 0.012  | 4055.145           | 451.542  |
| 1+084.633 | 10.587        | 0.000 | 23.185       | 0.000  | 4078.330           | 451.542  |
| 1+086.800 | 10.811        | 0.000 | 45.373       | 0.007  | 4123.703           | 451.549  |
| 1+091.312 | 9.301         | 0.003 | 46.355       | 0.007  | 4170.058           | 451.556  |
| 1+095.905 | 10.884        | 0.000 | 1.556        | 0.000  | 4171.614           | 451.556  |
| 1+096.057 | 9.588         | 0.000 | 40.333       | 0.008  | 4211.947           | 451.564  |
| 1+100.646 | 7.990         | 0.003 | 35.263       | 0.053  | 4247.210           | 451.617  |
| 1+105.022 | 8.127         | 0.021 | 3.470        | 0.014  | 4250.680           | 451.631  |
| 1+105.456 | 7.863         | 0.045 | 65.222       | 0.248  | 4315.902           | 451.879  |
| 1+114.275 | 6.928         | 0.011 | 33.865       | 2.770  | 4349.767           | 454.649  |
| 1+120     | 4.902         | 0.957 | 103.668      | 19.198 | 4453.435           | 473.847  |
| 1+140     | 5.464         | 0.963 | 103.228      | 18.790 | 4556.663           | 492.637  |
| 1+160     | 4.858         | 0.916 | 85.220       | 19.360 | 4641.882           | 511.997  |
| 1+180     | 3.664         | 1.020 | 29.369       | 8.247  | 4671.251           | 520.244  |
| 1+188.139 | 3.553         | 1.006 | 44.798       | 8.875  | 4716.049           | 529.119  |
| 1+197.332 | 6.193         | 0.925 | 28.574       | 4.151  | 4744.623           | 533.270  |
| 1+201.808 | 6.575         | 0.930 | 29.433       | 4.674  | 4774.056           | 537.944  |
| 1+206.369 | 6.332         | 1.119 | 45.894       | 11.152 | 4819.950           | 549.096  |
| 1+215.592 | 3.620         | 1.299 | 16.758       | 5.336  | 4836.708           | 554.433  |
| 1+220     | 3.983         | 1.122 | 81.329       | 21.083 | 4918.037           | 575.516  |
| 1+240     | 4.150         | 0.986 | 79.206       | 20.018 | 4997.243           | 595.535  |
| 1+260     | 3.771         | 1.016 | 84.694       | 19.693 | 5081.936           | 615.228  |
| 1+280     | 4.699         | 0.954 | 40.358       | 8.865  | 5122.295           | 624.092  |
| 1+289.246 | 4.031         | 0.964 | 42.610       | 8.552  | 5164.905           | 632.644  |
| 1+298.247 | 5.437         | 0.936 | 27.817       | 4.114  | 5192.722           | 636.758  |
| 1+302.971 | 6.340         | 0.806 | 30.302       | 4.553  | 5223.024           | 641.311  |
| 1+307.739 | 6.370         | 1.104 | 43.622       | 10.710 | 5266.645           | 652.021  |
| 1+316.739 | 3.323         | 1.276 | 11.535       | 4.012  | 5278.180           | 656.033  |
| 1+320     | 3.751         | 1.185 | 75.847       | 23.862 | 5354.027           | 679.895  |
| 1+340     | 3.833         | 1.201 | 10.706       | 3.242  | 5364.733           | 683.137  |
| 1+342.743 | 3.973         | 1.162 | 49.878       | 11.362 | 5414.612           | 694.499  |
| 1+351.743 | 7.111         | 1.362 | 32.629       | 5.655  | 5447.241           | 700.153  |
| 1+356.560 | 6.436         | 0.985 | 29.443       | 4.409  | 5476.684           | 704.562  |
| 1+361.219 | 6.203         | 0.907 | 45.468       | 8.968  | 5522.152           | 713.530  |
| 1+370.220 | 3.900         | 1.086 | 38.805       | 9.876  | 5560.957           | 723.406  |
| 1+380     | 4.035         | 0.934 | 40.338       | 10.419 | 5601.295           | 733.825  |
| 1+390.331 | 3.774         | 1.083 | 54.993       | 10.296 | 5656.288           | 744.122  |
| 1+399.339 | 8.436         | 1.203 | 39.028       | 6.005  | 5695.316           | 750.127  |
| 1+404.012 | 8.267         | 1.367 | 39.192       | 6.682  | 5734.508           | 756.808  |
| 1+408.762 | 8.235         | 1.446 | 52.799       | 13.054 | 5787.308           | 769.862  |
| 1+417.762 | 3.498         | 1.454 | 7.774        | 3.295  | 5795.081           | 773.157  |
| 1+420     | 3.449         | 1.490 | 70.251       | 28.110 | 5865.332           | 801.267  |
| 1+440     | 3.576         | 1.321 | 69.874       | 23.657 | 5935.205           | 824.924  |
| 1+460     | 3.411         | 1.045 | 33.687       | 10.030 | 5968.893           | 834.954  |
| 1+470.043 | 3.298         | 0.953 | 55.006       | 8.612  | 6023.899           | 843.566  |
| 1+479.043 | 8.926         | 0.961 | 29.089       | 3.135  | 6052.988           | 846.701  |
| 1+482.249 | 9.221         | 0.995 | 56.561       | 5.960  | 6109.549           | 852.661  |
| 1+488.493 | 8.896         | 0.915 | 53.723       | 8.985  | 6163.272           | 861.646  |
| 1+497.494 | 3.041         | 1.082 | 35.495       | 12.121 | 6198.767           | 873.767  |
| 1+509.007 | 3.125         | 1.024 | 53.825       | 9.266  | 6252.592           | 883.033  |
| 1+518.007 | 8.836         | 1.035 | 58.009       | 6.607  | 6310.601           | 889.640  |
| 1+524.387 | 9.349         | 1.036 | 27.698       | 3.259  | 6338.299           | 892.898  |
| 1+527.490 | 8.504         | 1.065 | 55.638       | 9.203  | 6393.937           | 902.101  |
| 1+536.491 | 3.859         | 0.980 | 12.818       | 3.528  | 6406.755           | 905.630  |
| 1+540     | 3.447         | 1.031 | 65.608       | 19.990 | 6472.364           | 925.620  |
| 1+560     | 3.114         | 0.968 | 69.495       | 20.058 | 6541.858           | 945.678  |
| 1+580     | 3.835         | 1.037 | 67.964       | 18.289 | 6609.822           | 963.967  |
| 1+600     | 2.961         | 0.791 | 58.450       | 17.694 | 6668.273           | 981.661  |
| 1+620     | 2.884         | 0.978 | 56.679       | 20.265 | 6724.952           | 1001.926 |
| 1+640     | 2.784         | 1.049 | 92.115       | 15.323 | 6817.067           | 1017.250 |
| 1+660     | 6.428         | 0.484 | 187.694      | 7.380  | 7004.760           | 1024.629 |
| 1+687.988 | 6.985         | 0.044 | 0.000        | 0.000  | 7004.760           | 1024.629 |

FILL QUANTITIES INCLUDE OVERLAY.

| FHWA<br>REGION<br>NO. | STATE  | PROJECT<br>NUMBER | FISCAL<br>YEAR | SHEET<br>NUMBER | TOTAL<br>SHEETS |
|-----------------------|--------|-------------------|----------------|-----------------|-----------------|
| 7                     | KANSAS | 87N-0191-01       | 2000           | 92              | 92              |

HARRY,  
EARTHWORK QUANTITIES  
WICHITA, KANSAS



Ruggles & Bohm, P.A.  
Engineering, Surveying, Land Planning  
924 North Main  
Wichita, Kansas 67203  
www.rbkansas.com  
(316) 264-8008  
(316) 264-4621 fax  
E-mail: info@rbkansas.com

DRAWING FILE  
Earth

PROJECT NUMBER  
472-83885