

| FHA<br>REGION<br>NO. | STATE  | PROJECT<br>NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|----------------------|--------|----------------|----------------|--------------|-----------------|
| 7                    | KANSAS | 87 N-0303-01   | 2003           | 141          | 143             |

| STATION  | AREAS<br>Square Feet |       | VOLUMES<br>Cubic Yards |       | CUMULATIVE VOLUMES<br>Cubic Yards |         |
|----------|----------------------|-------|------------------------|-------|-----------------------------------|---------|
|          | CUT                  | FILL  | CUT                    | FILL  | CUT                               | FILL    |
| 80+15.04 | 212.47               | 1.16  |                        |       |                                   |         |
| 80+50    | 195.41               | 2.14  | 264.06                 | 2.13  | 18913.00                          | 3485.06 |
| 81+00    | 217.59               | 0.00  | 382.41                 | 1.98  | 19295.41                          | 3487.04 |
| 81+50    | 179.23               | 6.12  | 367.42                 | 5.67  | 19662.82                          | 3492.70 |
| 82+00    | 164.94               | 9.88  | 318.68                 | 14.81 | 19981.50                          | 3507.52 |
| 82+50    | 154.27               | 10.57 | 295.57                 | 18.93 | 20277.07                          | 3526.45 |
| 83+00    | 147.02               | 15.87 | 278.97                 | 24.47 | 20556.05                          | 3550.92 |
| 83+50    | 155.18               | 9.46  | 279.81                 | 23.45 | 20835.86                          | 3574.38 |
| 84+00    | 136.35               | 13.20 | 269.94                 | 20.98 | 21105.79                          | 3595.36 |
| 84+50    | 171.94               | 7.25  | 285.46                 | 18.93 | 21391.25                          | 3614.29 |
| 85+00    | 136.36               | 8.77  | 285.47                 | 14.83 | 21676.72                          | 3629.12 |
| 85+50    | 131.91               | 16.22 | 248.40                 | 23.14 | 21925.12                          | 3652.26 |
| 85+91.82 | 138.09               | 23.60 | 209.10                 | 30.84 | 22134.21                          | 3683.10 |
| 86+33.31 | 243.97               | 0.00  | 293.55                 | 18.13 | 22427.76                          | 3701.23 |
| 86+72.13 | 161.01               | 5.56  | 291.13                 | 4.00  | 22718.89                          | 3705.23 |
| 87+00    | 216.76               | 3.97  | 194.97                 | 4.92  | 22913.86                          | 3710.15 |
| 87+50    | 201.70               | 2.33  | 387.46                 | 5.84  | 23301.33                          | 3715.98 |
| 87+79.17 | 230.72               | 1.28  | 233.59                 | 1.95  | 23534.92                          | 3717.94 |
| 88+27.81 | 287.88               | 1.88  | 467.12                 | 2.85  | 24002.04                          | 3720.79 |
| 88+75.35 | 240.36               | 1.42  | 465.05                 | 2.90  | 24467.08                          | 3723.69 |
| 89+00    | 229.15               | 2.45  | 214.33                 | 1.76  | 24681.41                          | 3725.46 |
| 89+23.03 | 218.99               | 1.48  | 191.13                 | 1.67  | 24872.53                          | 3727.13 |
| 89+63.11 | 344.09               | 0.00  | 417.93                 | 1.10  | 25290.46                          | 3728.23 |
| 90+03.16 | 279.19               | 0.00  | 462.27                 | 0.00  | 25752.73                          | 3728.23 |
| 90+50    | 203.75               | 4.25  | 418.91                 | 3.69  | 26171.64                          | 3731.92 |
| 91+00    | 190.69               | 4.98  | 365.22                 | 8.55  | 26536.86                          | 3740.47 |
| 91+50    | 189.02               | 1.99  | 351.59                 | 6.45  | 26888.45                          | 3746.92 |
| 92+00    | 167.73               | 6.58  | 330.32                 | 7.93  | 27218.77                          | 3754.86 |
| 92+50    | 172.17               | 6.52  | 314.72                 | 12.13 | 27533.49                          | 3766.98 |
| 93+00    | 158.12               | 7.54  | 305.82                 | 13.02 | 27839.31                          | 3780.00 |
| 93+50    | 151.99               | 10.60 | 287.14                 | 16.80 | 28126.45                          | 3796.80 |
| 94+00    | 136.93               | 18.92 | 267.52                 | 27.33 | 28393.97                          | 3824.12 |
| 94+06.27 | 136.18               | 18.80 | 31.71                  | 4.38  | 28425.68                          | 3828.50 |
| 94+49.48 | 206.49               | 9.42  | 274.20                 | 22.59 | 28699.88                          | 3851.09 |
| 94+90.32 | 131.99               | 19.85 | 256.00                 | 22.14 | 28955.88                          | 3873.23 |
| 95+00    | 131.23               | 17.36 | 47.19                  | 6.67  | 29003.07                          | 3879.90 |
| 95+50    | 150.64               | 7.26  | 260.99                 | 22.80 | 29264.05                          | 3902.69 |
| 96+00    | 158.56               | 2.84  | 286.30                 | 9.35  | 29550.35                          | 3912.04 |
| 96+50    | 154.88               | 7.97  | 290.22                 | 10.02 | 29840.58                          | 3922.06 |
| 97+00    | 171.09               | 3.55  | 301.83                 | 10.67 | 30142.40                          | 3932.73 |
|          |                      |       | 27.32                  | 0.51  | 30169.72                          | 3933.24 |

| STATION   | AREAS<br>Square Feet |       | VOLUMES<br>Cubic Yards |       | CUMULATIVE VOLUMES<br>Cubic Yards |         |
|-----------|----------------------|-------|------------------------|-------|-----------------------------------|---------|
|           | CUT                  | FILL  | CUT                    | FILL  | CUT                               | FILL    |
| 97+04.26  | 175.20               | 2.91  |                        |       |                                   |         |
| 97+44.37  | 267.87               | 0.00  | 329.10                 | 2.16  | 30498.83                          | 3935.39 |
| 97+84.02  | 215.61               | 1.08  | 355.00                 | 0.80  | 30853.83                          | 3936.19 |
| 98+00     | 210.90               | 0.90  | 126.22                 | 0.59  | 30980.04                          | 3936.78 |
| 98+30     | 202.19               | 1.48  | 229.49                 | 1.32  | 31209.54                          | 3938.10 |
| 98+50     | 194.93               | 2.28  | 147.08                 | 1.39  | 31356.62                          | 3939.49 |
| 99+00     | 177.79               | 1.98  | 345.11                 | 3.95  | 31701.72                          | 3943.44 |
| 99+50     | 159.50               | 0.10  | 312.30                 | 1.93  | 32014.02                          | 3945.37 |
| 100+00    | 112.29               | 0.00  | 251.66                 | 0.10  | 32265.68                          | 3945.46 |
| 100+30    | 143.82               | 2.84  | 142.29                 | 1.58  | 32407.96                          | 3947.04 |
| 100+50    | 138.99               | 5.26  | 104.75                 | 3.00  | 32512.71                          | 3950.04 |
| 100+93.71 | 132.88               | 6.24  | 220.07                 | 9.30  | 32732.78                          | 3959.34 |
| 101+00    | 121.78               | 9.43  | 29.66                  | 1.83  | 32762.44                          | 3961.17 |
| 101+07.63 | 117.96               | 4.78  | 33.87                  | 2.01  | 32796.31                          | 3963.18 |
| 101+50    | 111.28               | 3.95  | 179.87                 | 6.84  | 32976.18                          | 3970.02 |
| 102+00    | 109.74               | 6.88  | 204.65                 | 10.02 | 33180.83                          | 3980.04 |
| 102+28.37 | 132.10               | 7.80  | 127.06                 | 7.71  | 33307.88                          | 3987.76 |
| 103+12    | 124.62               | 8.99  | 397.59                 | 26.01 | 33705.47                          | 4013.76 |
| 103+50    | 120.26               | 7.31  | 172.32                 | 11.47 | 33877.80                          | 4025.23 |
| 104+00    | 105.14               | 10.97 | 208.70                 | 16.92 | 34086.49                          | 4042.15 |
| 104+50    | 99.93                | 16.06 | 189.87                 | 25.03 | 34276.37                          | 4067.18 |
| 105+00    | 138.08               | 5.37  | 220.37                 | 19.85 | 34496.74                          | 4087.03 |
| 105+50    | 123.32               | 12.72 | 242.04                 | 16.75 | 34738.77                          | 4103.77 |
| 106+00    | 93.38                | 17.18 | 200.65                 | 27.68 | 34939.42                          | 4131.45 |
| 106+50    | 100.53               | 5.92  | 179.55                 | 21.39 | 35118.97                          | 4152.84 |
| 106+67.92 | 92.80                | 11.40 | 64.16                  | 5.75  | 35183.13                          | 4158.59 |
| 107+17.53 | 166.49               | 0.73  | 238.21                 | 11.15 | 35421.34                          | 4169.75 |
| 107+49    | 118.00               | 10.00 | 165.79                 | 6.25  | 35587.14                          | 4176.00 |
| 107+50    | 118.95               | 8.51  | 4.39                   | 0.34  | 35591.52                          | 4176.34 |
| 108+00    | 140.67               | 9.15  | 240.39                 | 16.35 | 35831.91                          | 4192.70 |
| 108+50    | 161.84               | 4.48  | 280.10                 | 12.62 | 36112.02                          | 4205.31 |
| 109+00    | 177.77               | 1.53  | 314.45                 | 5.56  | 36426.47                          | 4210.88 |
| 109+50    | 208.00               | 0.00  | 357.19                 | 1.42  | 36783.66                          | 4212.29 |
| 110+00    | 153.33               | 1.56  | 334.56                 | 1.44  | 37118.22                          | 4213.74 |
| 110+32.77 | 142.05               | 0.12  | 179.25                 | 1.02  | 37297.47                          | 4214.76 |
| 111+13.94 | 108.89               | 0.31  | 377.20                 | 0.65  | 37674.67                          | 4215.41 |
| 111+50    | 100.78               | 0.18  | 140.01                 | 0.33  | 37814.68                          | 4215.74 |
| 112+00    | 90.36                | 0.02  | 176.98                 | 0.19  | 37991.66                          | 4215.92 |
| 112+45    | 85.17                | 0.03  | 146.27                 | 0.04  | 38137.94                          | 4215.96 |
|           |                      |       | 0.00                   | 0.00  | 38137.94                          | 4215.96 |

|                             |              |                      |                   |                                                  |                           |
|-----------------------------|--------------|----------------------|-------------------|--------------------------------------------------|---------------------------|
| PROJECT NUMBER<br>472-83902 |              | SHEET NAME<br>XSEC29 |                   | ENGINEERING DIRECTORY<br>F:\Hydraulic_phs2\Earth |                           |
| DESIGN<br>STAFF             | DRAWN<br>TPV | APPROVED<br>JFB/KK   | DATE<br>Nov. 2003 | SCALE<br>1:5                                     | BAUGHMAN NO<br>99-09-E451 |

CAPITAL IMPROVEMENT PROJECT  
HYDRAULIC AVENUE  
EARTHWORK QUANTITIES  
HYDRAULIC AVENUE PAVING - 37th STREET SOUTH TO 47th STREET SOUTH

**BAUGHMAN COMPANY, P.A.**  
ENGINEERING, SURVEYING, & PLANNING  
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET  
141  
OF  
143