

| OKLAHOMA DEPARTMENT OF TRANSPORTATION |       |           |             |           |              |
|---------------------------------------|-------|-----------|-------------|-----------|--------------|
| FED. ROAD DIST. NO.                   | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| 8                                     | OKLA. | 24750(04) |             | 38        | 127          |
| DESCRIPTION                           |       | REVISIONS |             | DATE      |              |

- Computer files:
- 1. SWO4721\_1\_v1.dgn -Survey Data Sheets
  - 2. SWO4721\_1\_v1\_TOPO.dgn -Topographic/Planimetric Data
  - 3. SWO4721\_1\_v1\_sff.dgn -Surface Feature File
  - 4. SWO4721\_1\_v1\_TRI.dgn -DTM Triangle Drawing
  - 5. SWO4721\_1\_v1\_dra.dgn -Drainage Area Map
  - 6. SWO4721.txt -Cogo Points
  - 7. PDF versions of all hard copied documents.

| BM NO. | RUN 1 | RUN 2 | MEAN DIFF. | ADJ. MEAN | ADJ. ELEV. | PUBLISHED ELEV. | BENCHMARK DESCRIPTION                                        |
|--------|-------|-------|------------|-----------|------------|-----------------|--------------------------------------------------------------|
| 7498   |       |       |            |           | 722.56     | 722.56          | 3/8" Iron Pin with Plastic Cap N-53-320                      |
| BM 1   | -1.14 | -1.14 | -1.14      | -1.14     | 721.42     |                 | Chiseled "x" on SE Headwall                                  |
| 7400   | 2.46  | 2.46  | 2.46       | 2.46      | 723.88     | 723.88          | 1/2" Iron Pin with Aluminum Cap N-53-318                     |
| BM 2   | -2.20 | -2.20 | -2.20      | -2.20     | 721.68     |                 | Chiseled "x" on E Headwall Sta. 681+16.48, 47.40' Rt.        |
| 7402   | 6.20  | 6.20  | 6.20       | 6.20      | 727.88     | 727.88          | 3/8" Iron Pin with Plastic Cap Sta. 683+80.36, 27.02' Rt.    |
| BM3    | -4.49 | -4.49 | -4.49      | -4.49     | 723.39     |                 | 80d in 8" Wood Brace Post Sta. 687+92.73, 76.54' Rt.         |
| 7403   | 5.56  | 5.55  | 5.56       | 5.56      | 728.65     | 728.65          | 3/8" Iron Pin with Plastic Cap Sta. 690+38.88, 22.50' Rt.    |
| BM 4   | -1.36 | -1.37 | -1.37      | -1.36     | 727.59     |                 | 80d in 8" Wood Fence Post Sta. 692+92.48, 77.15' Rt.         |
| 7404   | 1.28  | 1.28  | 1.28       | 1.28      | 728.87     | 728.87          | 3/8" Iron Pin with Plastic Cap Sta. 695+73.44, 22.68' Rt.    |
| BM 5   | -1.12 | -1.13 | -1.13      | -1.12     | 727.75     |                 | Chiseled "x" on NW Headwall Sta. 696+96.84, 39.92' Lt.       |
| 7405   | -2.56 | -2.56 | -2.56      | -2.56     | 725.19     | 725.19          | 3/8" Iron Pin with Plastic Cap Sta. 700+53.87, 22.38' Lt.    |
| BM 6   | -3.11 | -3.10 | -3.11      | -3.10     | 722.09     |                 | RR Spike at East Edge of Pavement Sta. 702+89.11, 20.78' Rt. |
| 7406   | -6.53 | -6.52 | -6.53      | -6.52     | 715.57     | 715.57          | 3/8" Iron Pin with Plastic Cap Sta. 705+47.75, 36.62' Rt.    |
| BM 7   | -3.68 | -3.66 | -3.67      | -3.67     | 711.80     |                 | RR Spike at East Edge of Pavement Sta. 708+20.25, 27.07' Lt. |
| 7407   | -8.26 | -8.26 | -8.26      | -8.26     | 703.64     | 703.64          | 3/8" Iron Pin with Plastic Cap Sta. 711+82.15, 39.71' Lt.    |
| BM 8   | -1.31 | -1.31 | -1.31      | -1.31     | 702.33     |                 | Chiseled "x" on NE Hubguard Sta. 714+12.60, 15.17' Rt.       |
| 7408   | -4.92 | -4.92 | -4.92      | -4.92     | 697.41     | 697.41          | 3/8" Iron Pin with Plastic Cap Sta. 716+59.74, 28.30' Lt.    |
| BM 9   | -9.20 | -9.20 | -9.20      | -9.20     | 688.21     |                 | Chiseled "x" on W Headwall Sta. 720+14.71, 54.03' Lt.        |
| 7409   | 10.88 | 10.88 | 10.88      | 10.88     | 699.09     | 699.09          | 3/8" Iron Pin with Plastic Cap Sta. 722+45.72, 28.89' Lt.    |
| BM 10  | -2.88 | -2.88 | -2.88      | -2.88     | 696.21     |                 | 80d in 8" Redbud Tree Sta. 723+86.90, 46.46' Rt.             |
| 7410   | 6.09  | 6.09  | 6.09       | 6.09      | 702.30     | 702.30          | 3/8" Iron Pin with Plastic Cap Sta. 726+35.38, 24.79' Rt.    |

| BM NO. | RUN 1 | RUN 2 | MEAN DIFF. | ADJ. MEAN | ADJ. ELEV. | PUBLISHED ELEV. | BENCHMARK DESCRIPTION                                                    |
|--------|-------|-------|------------|-----------|------------|-----------------|--------------------------------------------------------------------------|
| BM 11  | 4.78  | 4.78  | 4.78       | 4.78      | 707.08     | 707.08          | Chiseled "x" on limestone West of Highway 169 Sta. 728+77.76, 58.48' Lt. |
| 7411   | -3.10 | -3.10 | -3.10      | -3.10     | 703.98     | 703.98          | 3/8" Iron Pin with Plastic Cap Sta. 731+38.98, 29.93' Lt.                |
| BM 12  | -6.21 | -6.22 | -6.22      | -6.21     | 697.77     |                 | Chiseled "x" on stone West of Highway 169 Sta. 734+65.81, 80.68' Lt.     |
| 7412   | 6.00  | 6.00  | 6.00       | 6.00      | 703.77     | 703.77          | 3/8" Iron Pin with Plastic Cap Sta. 738+20.03, 30.88' Lt.                |
| BM 13  | 0.91  | 0.89  | 0.90       | 0.90      | 704.67     |                 | RR Spike at West Edge of Pavement Sta. 738+69.91, 26.92' Lt.             |
| 7413   | -0.21 | -0.21 | -0.21      | -0.21     | 704.46     | 704.46          | 3/8" Iron Pin with Plastic Cap Sta. 741+03.10, 25.68' Rt.                |
| BM 14  | -4.47 | -4.47 | -4.47      | -4.47     | 699.99     |                 | Chiseled "x" on N Headwall Sta. 743+20.43, 75.50' Rt.                    |
| 7414   | 4.80  | 4.80  | 4.80       | 4.80      | 704.79     | 704.79          | 3/8" Iron Pin with Plastic Cap Sta. 745+45.19, 25.30' Rt.                |
| BM 15  | -0.76 | -0.76 | -0.76      | -0.76     | 704.03     |                 | 80d in 10" Locust Tree Sta. 747+83.85, 109.44' Rt.                       |
| 7415   | 2.77  | 2.78  | 2.78       | 2.78      | 706.81     | 706.81          | 3/8" Iron Pin with Plastic Cap Sta. 750+29.15, 51.99' Rt.                |
| BM 16  | 8.01  | 8.01  | 8.01       | 8.01      | 714.82     | 714.82          | 80d in 12" Hackberry Tree Sta. 753+28.33, 64.94' Rt.                     |
| 7416   | -2.45 | -2.45 | -2.45      | -2.45     | 712.37     | 712.37          | 3/8" Iron Pin with Plastic Cap Sta. 755+75.84, Rt. 24.17' Rt.            |
| BM 17  | 2.66  | 2.66  | 2.66       | 2.66      | 715.03     |                 | Chiseled "x" on E Headwall Sta. 759+07.21, 29.59' Rt.                    |
| 7417   | 1.54  | 1.55  | 1.55       | 1.55      | 716.58     | 716.58          | 3/8" Iron Pin with Plastic Cap Sta. 761+61.67, 25.90' Rt.                |
| 7401   | 2.78  | 2.77  | 2.78       | 2.78      | 719.36     | 719.36          | 1/2" Iron Pin with Aluminum Cap N-53-319                                 |
| 7499   | 2.18  | 2.18  | 2.18       | 2.18      | 721.54     | 721.54          | 3/8" Iron Pin with Plastic Cap N-53-321                                  |

SWO 4721(1) COORDINATE POINT LIST JOB PIECE 24750(04)

| PT. NO. | NORTHING         | EASTING           | PT. NO. | NORTHING         | EASTING           |
|---------|------------------|-------------------|---------|------------------|-------------------|
| 1       | 694673.225700000 | 2661948.806700000 | 7612    | 695592.521286300 | 2661650.685621500 |
| 2       | 694686.834900000 | 2661956.927500000 | 7613    | 695528.687272600 | 2659031.564985500 |
| 3       | 695364.012200000 | 2661986.884300000 | 7614    | 700814.481291400 | 2658888.800531000 |
| 4       | 695864.616700000 | 2661981.300400000 | 7615    | 700848.292833800 | 2660205.910442900 |
| 5       | 696266.371900000 | 2661855.121800000 | 7616    | 700881.680944200 | 2661506.525792400 |
| 6       | 696860.243800000 | 2661895.316800000 | 7617    | 703506.026227600 | 2661438.662776900 |
| 7       | 697391.201700000 | 2661878.590500000 | 7618    | 694199.468003300 | 2661980.391269900 |
| 8       | 697582.477900000 | 2661840.885800000 | 7619    | 695567.763416600 | 2661986.523441000 |
| 9       | 698580.997900000 | 2661745.500500000 | 7620    | 695624.440363000 | 2664292.151310000 |
| 10      | 698557.215500000 | 2661829.674400000 | 7621    | 695657.429323300 | 2664291.296670900 |
| 11      | 699443.113900000 | 2661705.420100000 | 7622    | 695600.763900800 | 2661986.137593200 |
| 12      | 700029.349300000 | 2661655.634100000 | 7623    | 696372.910588000 | 2661969.930954400 |
| 13      | 700435.614900000 | 2661691.713000000 | 7624    | 696827.064465600 | 2662044.036855100 |
| 14      | 700690.173300000 | 2661774.406300000 | 7625    | 696970.200051500 | 2662038.028082800 |
| 15      | 701354.624600000 | 2661788.109300000 | 7626    | 697940.990392300 | 2661995.670008300 |
| 16      | 701896.649400000 | 2661719.918500000 | 7627    | 708223.380836200 | 2661983.348588300 |
| 17      | 702473.441500000 | 2661659.367400000 | 7628    | 698221.182395900 | 2661903.368396100 |
| 1000    | 694201.049261800 | 2661902.407299600 | 7629    | 699546.623755500 | 2661845.535987100 |
| 1001    | 694870.779990300 | 2661910.799415790 | 7630    | 699836.079336300 | 2661832.906297100 |
| 1002    | 695582.346759500 | 2661908.350729600 | 7631    | 700037.632871900 | 2661864.150056900 |
| 1003    | 695582.477716400 | 2661930.418127400 | 7632    | 700856.624370000 | 2661828.415355500 |
| 1004    | 696370.586550300 | 2661891.965584400 | 7633    | 700897.951938100 | 2663504.539257200 |
| 1005    | 696962.876748000 | 2661870.187774100 | 7634    | 700914.230743300 | 2664164.759440800 |
| 1006    | 697660.880612500 | 2661839.732073800 | 7635    | 702710.928735000 | 2661687.450209200 |
| 1007    | 698233.036040500 | 2661823.930302800 | 7636    | 701581.120060200 | 2661736.746661900 |
| 1008    | 698218.764111600 | 2661815.390184600 | 7637    | 701287.050692800 | 2661809.634750100 |
| 1009    | 699118.131062600 | 2661776.148495900 | 7638    | 700889.598924600 | 2661826.976591000 |
| 1010    | 700017.275573500 | 2661736.916512800 | 7639    | 700914.662195800 | 2662843.468726900 |
| 1011    | 700869.955990700 | 2661699.711877300 | 7640    | 700947.220716700 | 2664163.946019200 |
| 1012    | 701815.564595300 | 2661658.452546500 | 7641    | 701815.564595300 | 2663050.222296900 |
| 1013    | 702707.964540700 | 2661619.514846100 | 7642    | 695560.805291700 | 2660349.372872000 |
| 7600    | 695495.698069000 | 2659032.407499200 | 7643    | 699538.792173002 | 2661543.988807290 |
| 7601    | 695559.532357500 | 2661651.541958100 | 8000    | 692921.257959000 | 2660414.600505700 |
| 7602    | 692549.532243000 | 2661717.641548900 | 8001    | 695544.311165000 | 2660349.814895000 |
| 7603    | 700781.493409900 | 2658889.696103400 | 8002    | 696235.515695000 | 2661650.094802500 |
| 7604    | 700799.161700700 | 2659577.954585800 | 8003    | 696203.882229200 | 2660332.139172600 |
| 7605    | 700815.304843600 | 2660206.801780300 | 8004    | 696894.602290000 | 2661632.570275000 |
| 7606    | 700828.583248600 | 2660724.054692700 | 8005    | 696863.453293500 | 2660314.463450200 |
| 7607    | 700848.692843600 | 2661507.412828700 | 8006    | 698182.595421900 | 2660279.112005400 |
| 7608    | 700256.814979200 | 2661523.939663600 | 8007    | 699488.438694600 | 2659470.160550500 |
| 7609    | 698212.325924500 | 2661581.027341700 | 8008    | 698161.579578100 | 2659361.039479400 |
| 7610    | 696894.212475400 | 2661616.074808300 | 8009    | 700152.442225600 | 2659524.768289700 |
| 7611    | 696235.119776000 | 2661633.599498100 | 8010    | 700169.497843000 | 2660224.539571300 |

|          |           |                                                                                                                                            |
|----------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| PLS      | DMM       | OKLAHOMA DEPARTMENT OF TRANSPORTATION<br>SURVEY DIVISION<br><b>SURVEY DATA SHEET (4)</b><br>SWO 4721(1) PROJECT NO. 24750(04) SHEET NO. 38 |
| DRAWN    | ARR       |                                                                                                                                            |
| CHECKED  | VKM       |                                                                                                                                            |
| APPROVED | DMM       |                                                                                                                                            |
| CREW     | GES, INC. |                                                                                                                                            |