

12. UTILITIES

All utility companies servicing the project area were contacted thru Call Okie. The utility locations were marked with pin flags or paint. The utility locations shown on this survey were obtained by GPS RTK observations based on these markings. Overhead locations were obtained by conventional survey methods. All overhead and underground locations were recorded in the submitted.DGN file. ODOT Form SD-7, List of Public and Privately Owned Utilities was generated from those locations and submitted.

13. HAZARDOUS WASTE

No visible evidence of hazardous waste was discovered by survey personnel on this survey.

14. DRAINAGE

Drainage areas on all cross drains on this project were determined from the USGS quadrangle for this area by overlaying the digital quad map over the TOPO.DGN and tracing the drainage divide lines.

15. SUBMITTED SURVEY DATA

All digital survey data has been submitted via Compact Disc. SWO5028_Index.pdf lists the files created and submitted on this survey.

In addition to the digital survey data, the following information has been provided in .pdf format on the provided Compact Disc.

1. Historical Letter and Written Report
2. ODOT Form SD-1 – Transmittal Letter
3. ODOT Form SD-7, Public and Privately Owned Utilities List
4. (2) Form SD-11, Position and Description of Survey Monuments
5. Form SD-20, Survey Control Accuracy Statement
6. Form SD-41, Surveyor's Certification
7. Cogo Data and Alignment Reports
8. Benchmarks & Check Levels List
9. (10) Certified Corner Records

Monte Duane King
Professional Land Surveyor
White Hawk Engineering and Design, LLC

CHECK LEVELS – SWO 5028(1) – I-35 – MURRAY CO. – ROCK CRUSHER ROAD BRIDGE OVER I-35, 8.3 MILES NORTH OF THE CARTER COUNTY LINE

LEVEL LOOP INFORMATION				NAVD 88 DATUM				BENCH MARK DESCRIPTION
BM NO.	RUN1	RUN 2	RUN 3	Mean DIFF.	ADJ. DIFF.	Record ELEV.	ADJ. ELEV.	
M-60-419							895.15	#6 rebar stake 30" long w/cap driven flush 75.94' Rt. of Sta. 23+48.43 PUBLIC RD #5 Primary Control Point this survey X=2220970.540 Y=421060.875
TO	-4.70	-4.70	-4.70	-4.70	-4.70			
BM 2							890.45	#6 rebar stake 30" long driven flush 97.25' Lt. of Sta. Sta. 2869+03.11 PUBLIC RD #4
TO	9.75	9.75		9.75	9.75			
BM 1							900.20	#6 rebar stake 30" long driven flush 77.33' Lt. of Sta. 2875+64.72 PUBLIC RD #4
M-60-419							895.15	#6 rebar stake 30" long w/cap driven flush 75.94' Rt. of Sta. 23+48.43 PUBLIC RD #5
TO	-18.20	-18.17		-18.19	-18.17			
BM 3							876.98	#6 rebar stake 30" long driven flush 95.22' Lt. of Sta. 31+27.67 PUBLIC RD #5
TO	-23.72	-23.73		-23.725	-23.72			
BM 4							853.26	#6 rebar stake 30" long driven flush 71.83' Lt. of Sta. 35+29.53 PUBLIC RD #5
TO	-25.90	-25.87	-25.89	-25.89	-25.88			
M-60-420							827.38	#6 rebar stake 30" long w/cap driven flush 47.06' Lt. of Sta. 40+29.42 PUBLIC RD #5 Primary Control Point this survey X=222335.299 Y=422012.5451
M-60-419							895.15	#6 rebar stake 30" long w/cap driven flush 75.94' Rt. of Sta. 23+48.43 PUBLIC RD #5
TO	7.63	7.62		7.625	7.63			
BM 5							902.78	#6 rebar stake 30" long driven flush 41.92' Lt. of Sta. 34+72.98
M-60-419							895.15	#6 rebar stake 30" long w/cap driven flush 75.94' Rt. of Sta. 23+48.43 PUBLIC RD #5
TO	-12.51	-12.53		-12.52	-12.52			
BM 6							882.63	#6 rebar stake 30" long driven flush 43.52' Rt. of Sta. 45+68.23