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**12. Land Ties (Cont.):**

West 1/4 Section Corner, Section 20, T-2-N, R-11-W, I.M. - P.K. Nail - ODOT Mon. No. C-16-171 - Set PK Nail in asphalt overlay over conc. pavement. This corner was reset from evidence established under SWO 2811(1) Survey by J.P. Andrews in March, 1971 and used by Dennie Hightower, LS 1285 in July, 1994. I used and filed this corner on SWO 3748(1) I-44 & Rogers Lane Survey, March 25, 2005.

Center Section, Section 20, T-2-N, R-11-W, I.M. - Set 1/2" Iron Pin - ODOT Mon. No. C-16-181 - This corner was reset from corner location established under SWO 2811(1) by J.P. Andrews in March, 1971 and fits intersection between opposing section corners and fits

evidence in surrounding additions. I used and filed this corner on SWO 3748(1) I-44 & Rogers Lane Survey, March 25, 2005.

Southwest Section Corner, Section 21, T-2-N, R-11-W, I.M. - ODOT Std. Brass Mon. C-16-179 - Found ODOT Std. Brass Mon. No. C-16-179 established under SWO 2811(1) Survey by J.P. Andrews in March, 1971 and used by Randy Mosley, LS 1082, in February, 1987 and fits surrounding evidence. I used and filed this corner on SWO 3748(1) I-44 & Rogers Lane Survey, March 25, 2005.

West 1/4 Section Corner, Section 21, T-2-N, R-11-W, I.M. - Found 1/2" Iron Pin - ODOT Mon. No. C-16-180 - Found 1/2" iron pin established by unknown parties. This corner fits evidence from 1/4 section corner established under SWO 2811(1) by J.P. Andrews in March,

1971 and fits evidence in surrounding additions. I used and filed this corner on SWO 3748(1) I-44 & Rogers Lane Survey, March 25, 2005.

2nd Meander Corner, Fort Sill Military Reservation - 1/2" Iron Pin - ODOT Mon. No. C-16-875 - Set 1/2" Iron Pin. This corner was established using information shown on SWO

2811(1) Survey by J.P. Andrews and fits close to government distance east and west. I used and filed this corner on SWO 3748(1) I-44 & Rogers Lane Survey, March 25, 2005.

3rd Meander Corner, Fort Sill Military Reservation - 1/2" Iron Pin - ODOT Mon. No. C-16-872 - Set 1/2" Iron Pin. This corner was established using information shown on SWO 2811(1) Survey by J.P. Andrews and fits close to government distance east and west. I used and filed this corner on SWO 3748(1) I-44 & Rogers Lane Survey, March 25, 2005.

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**12. Land Ties (Cont.):**

4th Meander Corner, Fort Sill Military Reservation - 1/2" Iron Pin - ODOT Mon. No. C-16-870 - Set 1/2" Iron Pin. This corner was established using information shown on SWO 2811(1) Survey by J.P. Andrews and fits close to government distance east and west. I used and filed this corner on SWO 3748(1) I-44 & Rogers Lane Survey, March 25, 2005.

**13. Right-of-Way:**

Existing right-of-way shown on this survey was obtained from deeds from Right-of-Way Division, Comanche County Court House in Lawton, Oklahoma and from FAP No. MAM7780(002) and FAP No. MAM7780(003) Plans.

**14. Utilities:**

A. All utility companies servicing the project area were contacted thru "CALL OKIE".

B. All underground utilities were located by the owning company.

C. Information regarding type, size, ownerships, location, depth, etc. is placed in computer file:

[http://intranet/enggrp/survey/fsvarch/swo4488\\_1\\_ip27050\\_4/dgn/swo4488\\_1\\_v1\\_topo.dgn](http://intranet/enggrp/survey/fsvarch/swo4488_1_ip27050_4/dgn/swo4488_1_v1_topo.dgn)

**15. Possible Hazardous Waste Sites:**

Possible Hazardous waste sites are at the following locations:

A. Abandoned Gas Station  
 Sta. 57+00 to 64+50 and from 100' to 350' Rt.  
 I-44 Main Survey

B. The area from Ft. Sill Blvd. to I-44 extending north is in the airfield safety zones. Coordination with Airfield Operations is required. Airfield Operations can be contacted at 580-422-2023/6160.

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**16. History of Existing Pavement:**

Existing pavement shown on this survey was identified to be 6" P.C. Conc. on Black Base. Pavement determination was made by field inspection and consultation with the Division VII Roadway Maintenance Subsections Book and confirmed by Joe Hennessee, Lawton Maintenance Superintendent.

**17. Drainage:**

Drainage for this survey was strictly taken from FAP No. MAM7780(01), FAP No. MAM7780(002) and FAP No. MAM7780(003) Plans.

**18. Date of Survey:**

This survey began September 14, 2009 and was completed on March 29, 2011.

**19. Equipment Used:**

	SHC No.	SER. No.
Leica TC1800U Total Station	ET-493	420376
Leica TPS1200 Total Station	ET-529	213501
Leica NA2002 Digital Level	EL-413	91545
Carlson Data Recorder	EE-124	11256
Allegro Data Recorder	EC-0024	51603
Leica SR530 GPS Receiver	EE-118	36810
Leica SR530 GPS Receiver	EE-124	36731
Leica SR530 GPS Receiver	EE-153	36784
Leica GX1230 GPS Receiver	EE-208	461023
Leica Viva GNSS GS-15	EE-264	1505408
Leica Viva GNSS GS-15	EE-265	1505456

**20. Personnel:**

Danny R. Dees, PLS	Prof. Land Surveyor II
Russell L. Shafer	Trans. Spec. III
Joe L. Gomba	Trans. Spec. II
Marcelino R. Miller	Trans. Spec. I