STATE OF OKLAHOMA DEPARTMENT
OF TRANSPORTATION SURVEY
DIVISION

SWO 4848(1) J/P 28858(04) : SH 16 CO. CREEK

HORIZONTAL CONTROL:
( ) Oklahoma Coordinate System of 1927 _____ Zone.
(X) Oklahoma Coordinate System of 1983 North Zone.
( ) Oklahoma Dept. of Transportation Plane Coordinate System of 1927 _____ Zone.
( ) Oklahoma Dept. of Transportation Plane Coordinate System of 1983 _____ Zone.
( ) Arbitrary Coordinate System

HORIZONTAL PLANE DATUM DEFINITION:
Oklahoma Department of Transportation coordinates were derived by multiplying the Oklahoma Coordinate Systems of 1927 or 1983 by the combined adjustment factor of 1.00010. The ODOT Coordinate System is 2350 feet above sea level.

1. Primary Control adjusted to SWO 4525(1) Control Monuments (3rd) Order
Stations C-19-800 and C-19-801
A) Closure before adjustment X ; Y ___ Angles ___
Trav. Length No. Angles ; 1:
B) ; is ( ) Order before adjustment.
C) Method of Distance Measurement:
( ) Electronic (X) GPS ( ) Triangulation ( ) Chained
D) Instrument used for angles
2. Secondary Control adjusted to Primary Control (3rd) Order
Stations C-19-800 and C-19-801
A) Closure before adjustment X ; Y Angles
B) Secondary Control ; is (3rd) Order; Tied to M-51-850
C) Method of Distance Measurement:
( ) Electronic (X) GPS ( ) Triangulation ( ) Chained
D) Instrument used for Horiz. & Vert.control Topcon GR3 GPS & Topcon Auto Level

VERTICAL CONTROL IS (3rd) order. Elevations taken from SW0 4525(1) BENCH MARK #31 (3rd) order and tied to SWO 4525(1) BENCH MARK #33 (3rd)order.
( ) NGVD 29 datum
ACCURACY DEFINITION:
(X) NAVD 88 datum

(1) HORIZONTAL: (3rd Order = Class I = 1 : 10,000')
(3rd Order = Class II = 1 : 5,000')
(2) VERTICAL: (1st Order = 0.017Ft. x sqrt. of Mi.) 2nd Order = 0.035 Ft. x sqrt. of Mi.) (3rd Order = 0.050 Ft. x sqrt. of Mi.)

Distribution:
Copy w/survey reports
Copy in each Alignment and level book

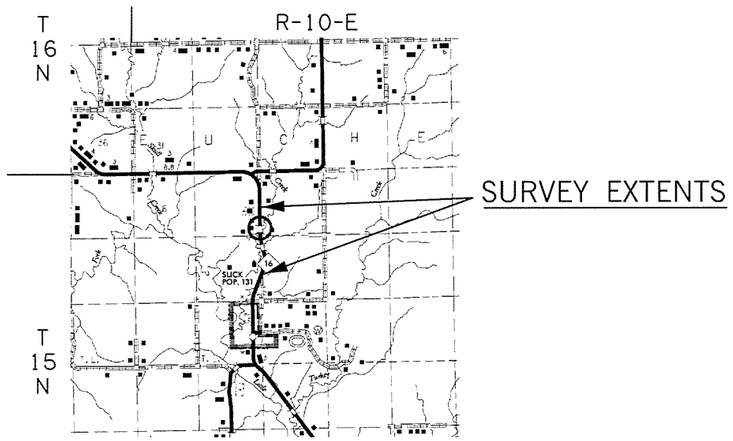
Monte Duane King
Professional Land Surveyor

November 30, 2012
Date

(FORM SD #20)
Rev. 11/03

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

SURVEY OF
S.H. 16
SWO 4848(1)
J/P NO. 28962(04)
CREEK COUNTY
S.H. 16, BRIDGE OVER CHICKEN CREEK, 8.2 MILES EAST OF S.H. 48



PROJECT LENGTH ___ 5594.64 ___ Ft. ___ 1.06 ___ MI.

BEGINNING SATTION : 100+00.00
ENDING STATION : 155+94.64

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

REVISIONS	
DESCRIPTION	DATE

INDEX OF SHEETS

SURVEY BEGAN: 9-24-12
SURVEY COMPLETED: 11-30-12

PERSONNEL:	TITLE:
MONTE KING	PROFESSIONAL LAND SURVEYOR
MATT SUTTERFIELD	CREW CHIEF
JAMES STAFFORD	FIELD PERSONEL
CODY KEETH	FIELD PERSONEL

EQUIPMENT:
LEICA TCA1103 ROBOTIC TOTAL STATION
TOPCON AUTOMATIC LEVEL
TOPCON GR3 GPS SYSTEM
RANGER DATA COLLECTOR - CARLSON SURVCE

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

SWO 4848(1) ___ Job/Piece 28858(04) Engr. Contract No. 1394-V
I.O. 3 & 3A

LAND SURVEYOR'S CERTIFICATION

I hereby certify that all land and property sub-division distances, angles, corners, and monumentation made or used in conjunction with this survey and depicted or recorded herein or hereon were recovered, established or re-established in substantial conformity with:

- Applicable instructions contained in the U.S. Government Bureau of Land Management publication **"Manual of Survey Instruction"**,
- Its supplement, **"Restoration of Lost or Obliterated Corners and Sub-division of Sections"**;
- **"Oklahoma Minimum Standards for the Practice of Land Surveying"** as adopted by the State Board of Licensure for Professional Engineers and Land Surveyors; and
- Sound land surveying practices;

including a thorough search, study, analysis and consideration of all existing records and field evidence.

I further certify that all survey monuments depicted exist and that all land survey work was done by me or under my direct supervision.

Dated this 30TH day of November, 2012.

Land Surveyor

Monte Duane King
Print Name

Oklahoma Licensed Land Surveyor No. 1271

Certificate of Authorization No. 5954

Utilities

Utility	Phone Number
Telephone Lines & F.O.	
AT&T	No Contact Info.
Electric Lines	
USIC/OG&E	(580)276-3364
SAPULPA	
Water Lines	
SLICK PWA	(918)633-5765
NATURAL GAS LINES	
SLICK PWA	(918)633-5765

THIS SURVEY MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, MAY 17, 2010.

SPECIFICATIONS FOR SURVEYS FOR PRIMARY AND SECONDARY HIGHWAYS DATED JANUARY 2011 GOVERN.

Electronic File Transfer Disclaimer:

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BEFORE YOU DIG OKLAHOMA CALL OKIE

PLS	MDK	
DRAWN	MDK	
CHECKED	TRK	
APPROVED	MDK	
CREW	MS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 4848 (1) PROJECT NO. 28858(04) SHEET NO. S1

SDS 1 OF 16