

OKLAHOMA DEPARTMENT OF TRANSPORTATION				
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	TOTAL SHEETS
6	OKLA.			
DESCRIPTION		REVISIONS	DATE	

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

SURVEY OF
US 62
SWO 4928(1)
J/P NO. 27956(04)
MUSKOGEE

INTERSECTION MODIFICATION AT US62 SCOTT RD,
WILLEY RD. AND 2 MILE RD

INDEX OF SHEETS

- 1. TITLE SHEET
- 2-3 SURVEY INFORMATION (notes, letters)
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SURVEY BEGAN: DECEMBER 10, 2012
SURVEY COMPLETED: JANUARY 31, 2013

PERSONNEL:
D.K. STRATTON, PLS
B.K. DONALDSON
D.W. BUCKMASTER
C.J. ABBOTT
S.D. HARRIS

TITLE:
PROF. LAND SURVEYOR
TRANS. SPEC. V
TRANS. SPEC. IV
TRANS. SPEC. III
TRANS. SPEC. IV

EQUIPMENT:
LEICA TCRA1203 TOTAL STATION
LEICA DNA10 DIGITAL LEVEL
LEICA VIVA GNSS - GS15
LEICA GPS1200

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SWO 4928(1) J/P 27956(04) ; US 62 CO. Muskogee

HORIZONTAL CONTROL:
 Oklahoma Coordinate System of 1927 Zone.
 Oklahoma Coordinate System of 1983 North Zone. (1993)
 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 swo4889(1) (B) Order
 Stations 7400 & 7401
 A) Closure before adjustment X : Y Angles
 Trav. Length : No. Angles :
 B) : is () Order before adjustment.
 C) Method of Distance Measurement:
 Electronic GPS Triangulation Tied
 D) Instrument used for angles Leica System 1200 VIVA

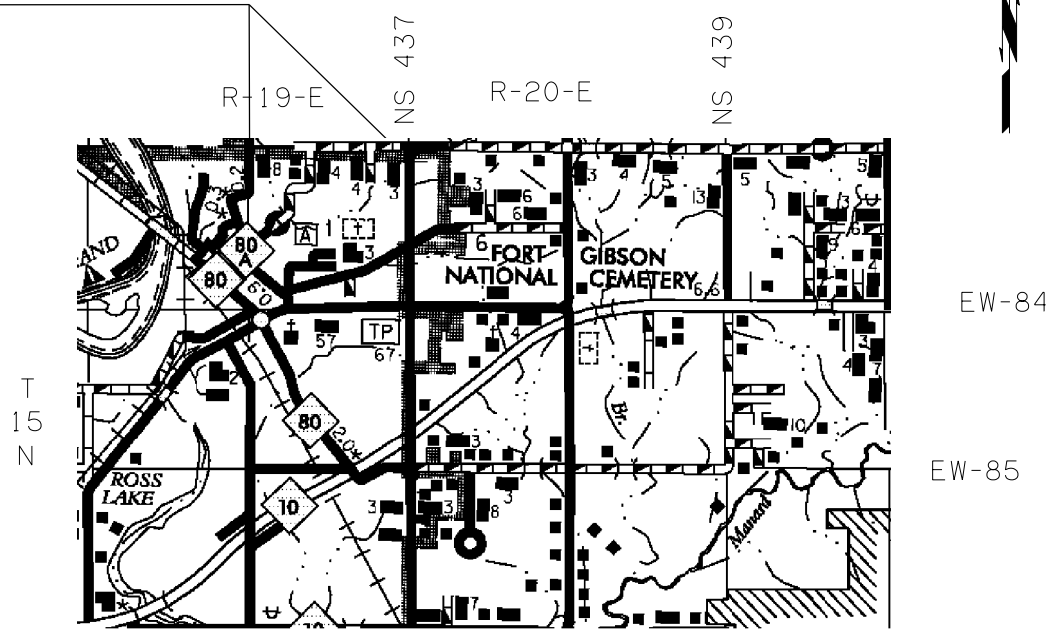
2. Secondary Control adjusted to Primary Control (B) Order
 Stations
 A) Closure before adjustment X : Y Angles
 B) Secondary Control : is (3rd) Order; Tied to Primary Control
 C) of Distance Measurement:
 Electronic GPS Triangulation Tied
 D) Instrument used for angles Leica System 1200 VIVA

VERTICAL CONTROL IS (3rd) der. Level Line taken from swo4889(1)
 (3rd) order and tied to SWO4889(1) (3rd) order. NGVD 29 datum NAVD 88 datum

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

PROJECT LOCATION

SURVEY EXTENTS



PROJECT LENGTH 16962.80 Ft. 3.21 MI.

BEGINNING STATION : 465+31.08
ENDING STATION : 634+94.60

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

SWO 4928(1) Job # 27956(04) Ingr. Contract No. _____

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 heretofore 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 31 day of January, 2012.

Land Surveyor Darin K. Stratton (scal)
Signature
Darin K. Stratton
State Seal

Oklahoma Licensed Land Surveyor No. 1504

Certificate of Authorization No. _____

Distribution:
Copy w/survey reports Darin K. Stratton
Copy in each Alignment Professional Land Surveyor
and level book
31-Jan-13
(FORM SD #20) Date
Rev. 11/03

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, JUNE 11, 2001.

SPECIFICATIONS FOR SURVEYS FOR PRIMARY AND SECONDARY HIGHWAYS DATED SEPTEMBER 11, 2001 GOVERN.
SDS 1 OF 8

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OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION			
SURVEY DATA SHEET			
PLS	DKS		
DRAWN	BKD		
CHECKED	DKS		
APPROVED	GAK		
CREW	MUSKOGEE	SWO 4928(1)	STATE JOB NO. 27956(04) SHEET NO. 27