

STATE OF OKLAHOMA  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED  
**COUNTY BRIDGE**  
PROJECT NO. CIRB-203C(033)RB  
STATE JOB NO. 29925(04)  
BRIDGE AND APPROACHES  
**ATOKA COUNTY**  
BRIDGE OVER DOYAL CREEK  
LATITUDE 34° 35'18"N LONGITUDE -95° 53'27"W  
LOCATION NO. 03N4005E1670004  
OLD NBI NO. 07151  
NEW NBI NO. 31192

SURVEY CONTROL DATA

1. HORIZONTAL CONTROL:

- A. HORIZONTAL CONTROL FOR THIS SURVEY IS BASED ON THE NGS OKLAHOMA STATE PLANE COORDINATE SYSTEM, NAD83 (1993), LAMBERT PROJECTION (SOUTH ZONE), USING UNCONSTRAINED DIFFERENTIAL COORDINATES.
- B. ACCURACY - THE PRIMARY CONTROL NETWORK, THE SECONDARY CONTROL NETWORK AND SECTION BOUNDARIES FOR THIS SURVEY ARE IN GENERAL COMPLIANCE WITH THE NGS SECOND ORDER, CLASS II STANDARDS FOR HORIZONTAL CONTROL (1:20,000).

2. BEARINGS:

THE BEARINGS SHOWN HEREIN OR HEREON ARE GRID BEARINGS DERIVED FROM THE NGS OKLAHOMA STATE PLANE COORDINATE SYSTEM AND ARE NOT ASTRONOMICAL.

3. VERTICAL CONTROLS:

A. LEVEL DATUM IS NAVD 88.

B. ACCURACY - VERTICAL CONTROL FOR THIS SURVEY IS WITHIN THE CLOSURE REQUIREMENT OF NOAA/NGS CLASSIFICATION, STANDARDS OF ACCURACY, AND GENERAL SPECIFICATIONS OF GEODETIC CONTROL SURVEYS (FEB. 1974, REPRINTED FEB. 1977) THIRD ORDER STANDARDS AS A MINIMUM.

DESIGN DATA

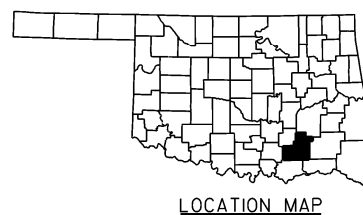
ADT 2016 = 98  
ADT 2036 = 145  
V = 45 mph

SCALES

PLAN 1" = 100'  
PROFILE HOR. 1" = 100'  
VER. 1" = 10'  
LAYOUT MAP 1" = 5280'

CONVENTIONAL SYMBOLS

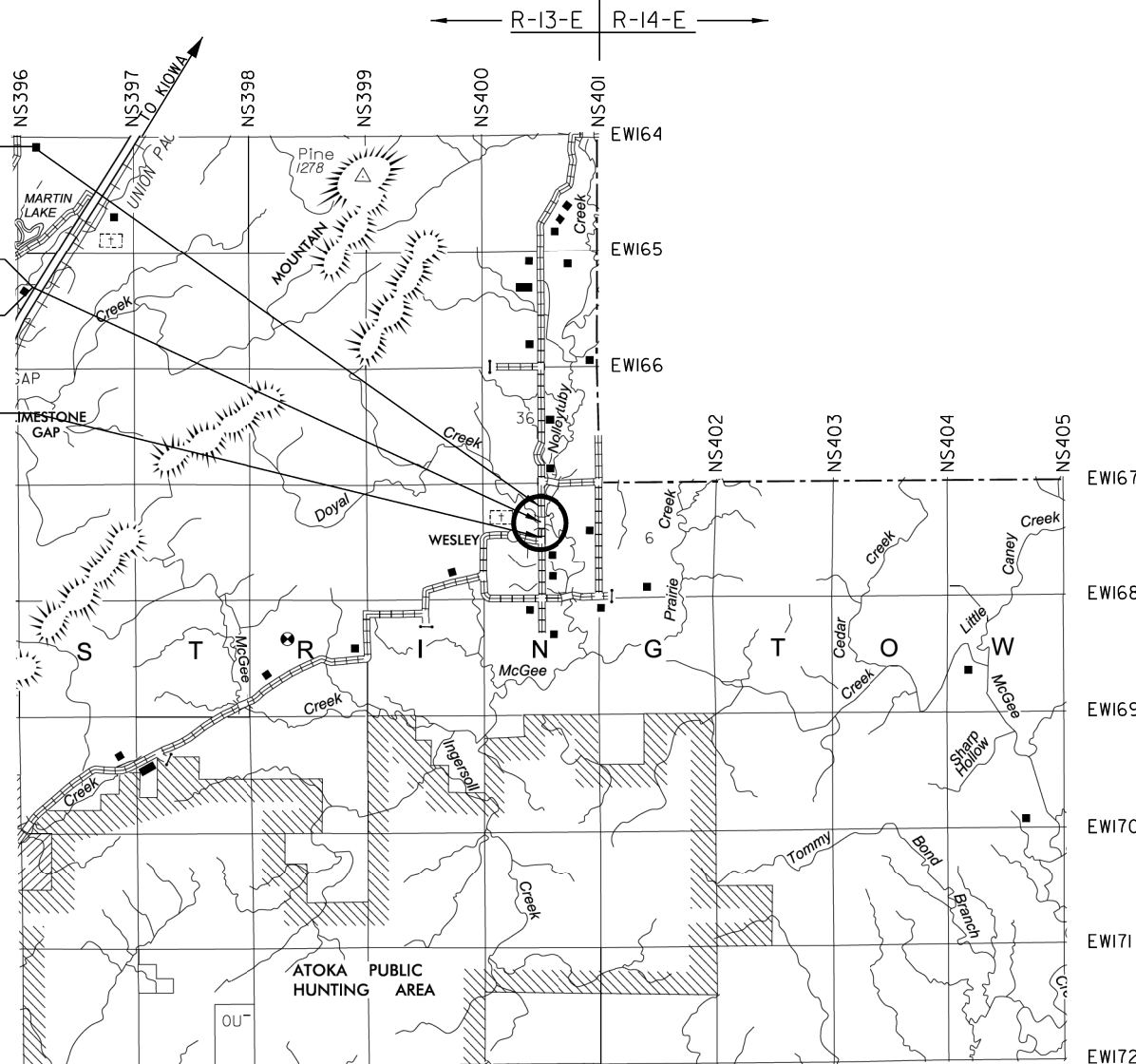
- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- BUILDINGS
- DRAINAGE STRUCTURES - IN PLACE
- DRAINAGE STRUCTURES - NEW
- RIGHT-OF-WAY LINES - EXISTING
- RIGHT-OF-WAY LINES - NEW
- RIGHT-OF-WAY FENCE



STA. 13+07.95  
END J/P NO. 29925(04)

END BRIDGE STA. 8+20.28  
BRIDGE LENGTH = 61'-8"  
BEGIN BRIDGE STA. 7+58.61

STA. 4+00.00  
BEGIN J/P NO. 29925(04)



ROADWAY LENGTH .... 846.28 FT .... 0.160 MI  
BRIDGE LENGTH ..... 61.67 FT .... 0.011 MI  
PROJECT LENGTH ..... 0.172 MI  
EQUATIONS: ..... NONE  
EXCEPTIONS: ..... NONE

SHEET NO.	DESCRIPTION
001	TITLE SHEET
002	TYPICAL SECTION
AB01	SUMMARY OF PAY QUANTITIES-BRIDGE
AR01	SUMMARY OF PAY QUANTITIES-ROADWAY
BO01	GENERAL PLAN AND ELEVATION
BO02	BORING LOG
BO03	STAKING LAYOUT
BO04	ABUTMENT DETAIL
BO05	TYPICAL X-SECTION - ROLLED BEAM
R001-R002	PLAN AND PROFILE
R003-R004	PLAN AND PROFILE (DETOUR)
R005	STORMWATER MANAGEMENT PLAN
R006	EROSION CONTROL
S001	SURVEY DATA
X001-X003	CROSS SECTIONS
X004-X005	CROSS SECTIONS (DETOUR)

THE FOLLOWING STANDARD DRAWINGS WILL BE PART OF THIS PROJECT:

ROADWAY	TRAFFIC	BRIDGE
FHTMPP-1-0	GET-2-00	CB26-C-SKO-ABUT-RB-55100-02E
LECS-4-1	GRH1-1-00	CB26-C-SKO-XSECT-RB-01E
SPB-1-4	GRH2-1-00	CB26-C-SKO-DIA-END-RB-01E
SPI-4-1	GRH3-1-00	CB26-C-SKO-LSECT-RB-01E
SSS-1-1	TCSI-1-01	CB26-C-SKO-DKSLB-BLIST-01E
TSC2-3-2	TCS2-1-00	CB26-C-SKO..30-BRG-RB-01E
TSD-2-0	TCS3-1-01	CB26-C-SKO-SPR-OJAN-RB-01E
	TCS4-1-01	CB26..32-C-SKO-WING-RB-55100-01E
	TCS5-1-00	CB26..32-C-SKO-ABUT-MISC-01E
	TCS6-1-02	CB26-C-SKO..30-DIA-INT-RB-01E
	TCS7-1-02	CB26..32-C..1-SKO..30-RB-BRACING-00E
	TCS9-1-01	CB26..32-C..1-SKO..30-GRAU-BC-00E
	TCS10-1-00	CB26-C-SKO..30-RB-5575-01E
	TCS14-1-00	CB26-XTBM-SKO-DTL-00E
	TCS16-1-00	CB26-XTBM-SKO-XSECT-00E
	TCS19-1-01	HPI-2-01E
		TR3-2-01E

APPROVED:  
THIS 1st DAY OF May 2017  
BOARD OF COUNTY COMMISSIONERS  
ATOKA COUNTY, OKLAHOMA

CHAIRMAN: Philip Culler  
MEMBER: Mary...  
MEMBER: ...  
MEMBER: ...  
MEMBER: ...  
MEMBER: ...

REGISTERED PROFESSIONAL ENGINEER  
JOHN R. WINTERS  
14040  
OKLAHOMA

SUBMITTED BY: JOHN R. WINTERS, P.E. 14040  
SOUTHEAST CIRCUIT ENGR. #3  
203 PEPSICOLA AVENUE  
HUGO, OK 74743  
PHONE: 580-323-9191

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR
SWO	PROJECT NO. CIRB-203C(003)RB

DIST. NO. #1 COMMISSIONER: MARVIN DALE  
LOCAL GOV'T. - SHANNON SHEFFERT, DIVISION ENGINEER  
LOCAL GOV'T. - GREG MASSEY, AREA MANAGER  
REVIEWED BY:  
P.E. NO. 29925(01)

\*2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - ENGLISH GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.\*