

STATE OF OKLAHOMA  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED  
**COUNTY BRIDGE**  
STATE AID PROJECT NO. CIRB-211D(024)RB  
GRADE, DRAIN, SURFACE AND BRIDGE PLANS FOR  
**CHEROKEE COUNTY**

STATE JOB NO. 29394(04)  
BRIDGE "A" LOCATION 11N4400E0680005  
LATITUDE N36°01'28", LONGITUDE W95°10'19"  
EXISTING NBI NO. 08255 NEW NBI NO. 31521  
BRIDGE "B" LOCATION 11N4400E0680002  
LATITUDE N36°01'41", LONGITUDE W95°10'19"  
NEW NBI NO. 31522

DESCRIPTION	REVISIONS	DATE

THE FOLLOWING 2009 ODOT STANDARD DRAWINGS ARE REQUIRED

BRIDGE	ROADWAY	TRAFFIC	TRAFFIC MAINT.
CB26-1-SKO-ABUT-PC4-01E	SSS-1-1	PM3-1-02	GET-2-00
CB26-1-SKO-XSECT-PC234-01E	TSC2-3-2	DU1-1-00	GRH1-1-00
CB26-1-SKO-LSECT-PCB-01E	TS2-2-0	DU2-1-00	GRH2-1-00
CB26-1-SKO-DKSLB-BL1ST-PCB-01E	TRFD-1-2	RSD1-1-00	GRH3-1-00
CB26-1-SKO-PCB-IV-105-01E	CET4S-3-2	WSD1-1-00	
CB26-1-SKO-DIA-ABUT-PC4-01E	SP1-4-1	SBS1-1-00	
CB26-1-SKO-DIA-INTPR-PCB-01E	FHTMPP-1-0	SBS2-1-00	
CB26-1-SKO-BRG-PC4-01E	SBI-4-2	GMS1-1-00	
CB26-1-SKO-SPR-QUAN-PCB-1-01E	PUD-3-2	SSP1-1-02	
CB26-1-SKO-SPR-QUAN-PCB-2-01E	MI-3-0	SSA1-1-00	
CB26-1-SKO-AS-01E	RD1-3-1	TCS1-1-01	
CB26..32-1-SKO-WING-PC4-01E	DC-3-2	TCS2-1-00	
CB26..32-1-SKO-ABUT-MISC-01E	RWF2-2-1	TCS4-1-01	
CB26..32-C..1-SKO..30-PCB-DTL-1-01	SUEL1-3-2	TCS5-1-00	
CB26..32-C..1-SKO..30-PCB-DTL-2-01	SUEL4-3-2	TCS7-1-02	
TR3-2-01E		TCS9-1-01	
HP1-2-00E		TCS14-1-00	
		TCS15-1-00	
		DBF2-1-00	

**SURVEY CONTROL DATA**

**HORIZONTAL DATUM:**  
OKLAHOMA NORTH ZONE (3501) NAD 83.  
BEARINGS ARE BASED ON STATE PLANE  
GRID, AND ARE NOT ASTRONOMIC.  
**VERTICAL DATUM:**  
NAVD 1988

**DESIGN DATA**

AADT 2014 = 120  
AADT 2034 = 179  
V = 40 MPH  
20yr.Flex ESALS = 0.2 M

**INDEX OF SHEETS**

1	TITLE SHEET
2-3	TYPICAL SECTIONS
4	SUMMARY OF PAY QUANTITIES & NOTES (ROADWAY)
5	SUMMARY OF PAY QUANTITIES & NOTES (BRIDGE A)
6	SUMMARY OF PAY QUANTITIES & NOTES (BRIDGE B)
7-8	ROADWAY SUMMARIES
9	STORM WATER MANAGEMENT PLAN
10-11	EROSION CONTROL
12-13	ALIGNMENT DATA
14-18	PLAN SHEETS
19-24	PLAN AND PROFILE SHEETS
25	GENERAL PLAN & ELEVATION BRIDGE 'A'
26	BORING LOGS BRIDGE 'A'
27	WINGWALL DIMENSIONS - BRIDGE 'A'
28	GENERAL PLAN & ELEVATION BRIDGE 'B'
29-30	BORING LOGS BRIDGE 'B'
31	SUBSTRUCTURE STAKING BRIDGE 'B'
32-33	DETAILS OF PIERS
X01-X28	CROSS SECTIONS

**SCALES**  
PLAN 1" = 20'  
PROFILE HOR. 1" = 20'  
VER. 1" = 5'  
LAYOUT MAP 1" = 5,280'

**CONVENTIONAL SYMBOLS**

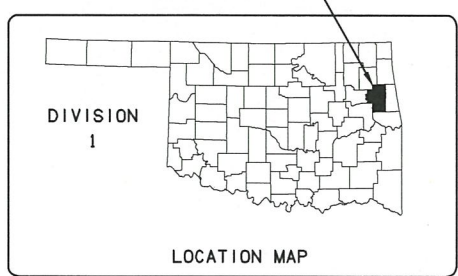
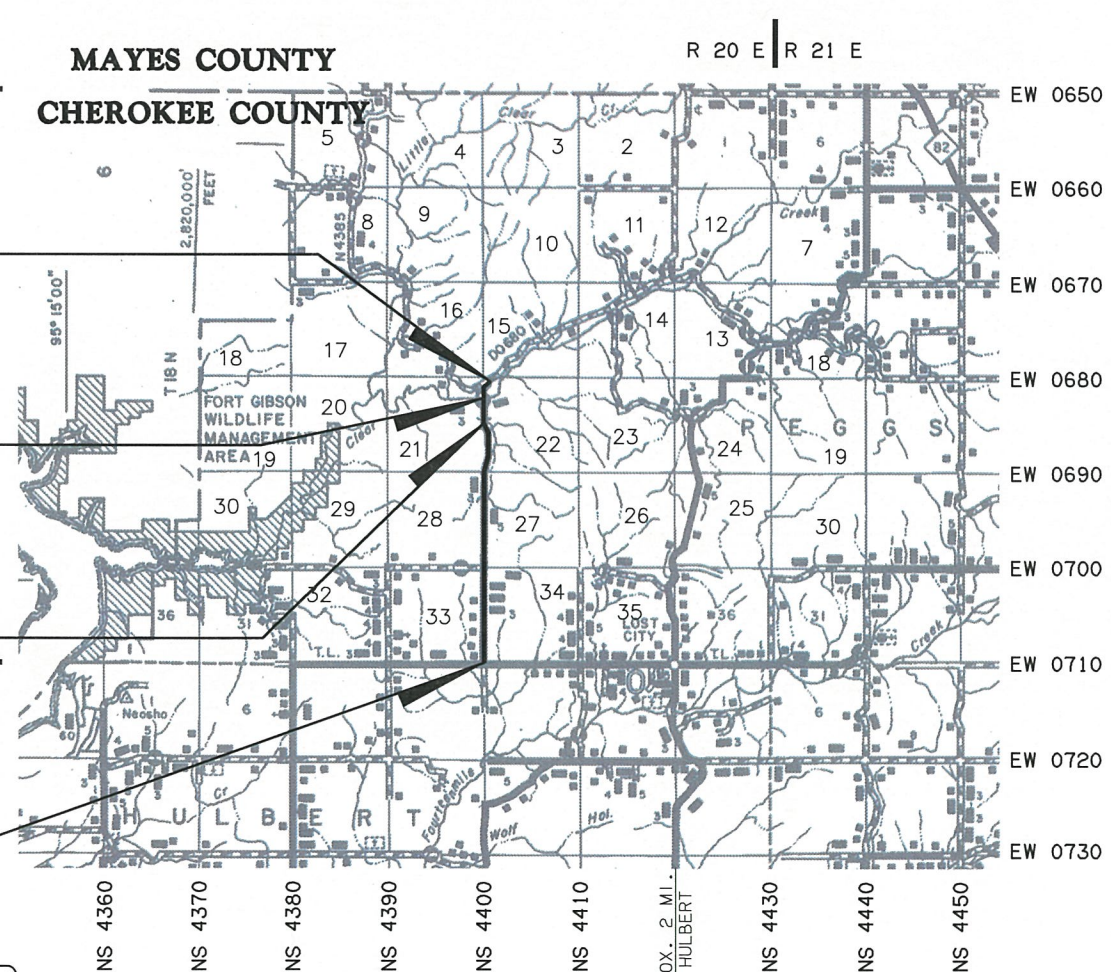
	PROPOSED ROAD
	RAILROADS
	RANGE & TOWNSHIP
	SECTION LINES
	QUARTER SECTION LINES
	FENCES
	GROUND LINE
	EXISTING ROADS
	BASE LINE
	GRADE LINES
	TELEPHONE & TELEGRAPH
	POWER LINES
	BUILDINGS
	OILWELL
	DRAINAGE STRUCTURES - IN PLACE
	DRAINAGE STRUCTURES - NEW
	RIGHT-OF-WAY LINES - EXISTING
	RIGHT-OF-WAY LINES - NEW
	CONTROLLED ACCESS
	MAILBOX
	EXISTING CENTERLINE
	EXISTING SANITARY SEWERS
	EXISTING GAS LINES
	EXISTING WATER LINES
	EXISTING TELEPHONE CABLES UNDERGROUND

STA. 260+50.00  
END PROJECT  
STATE JOB NO. 29394(04)

BRIDGE "B"  
BEGIN STA. 245+81.75  
END STA. 248+98.25  
LENGTH = 316'-6"

BRIDGE "A"  
BEGIN STA. 233+22.50  
END STA. 234+09.03  
LENGTH = 86'-6 3/8"

STA. 100+09.75  
BEGIN PROJECT  
STATE JOB NO. 29394(04)



ROADWAY LENGTH \_\_\_\_\_ 15637.22 FT. 2.961 MI.  
BRIDGE LENGTH \_\_\_\_\_ 403.03 FT. 0.076 MI.  
PROJECT LENGTH \_\_\_\_\_ 3.037 MI.

EQUATIONS : NONE  
EXCEPTIONS : NONE

APPROVED  
THIS 21st DAY OF Dec. 2015  
BOARD OF COUNTY COMMISSIONERS  
CHEROKEE COUNTY, OKLAHOMA

*Douglas G. Hubbard*  
CHAIRMAN  
*Tim Burt*  
MEMBER  
*Carl Hall*  
MEMBER  
*Chrysa Stammel*  
ATTEST: COUNTY CLERK



**GUY ENGINEERING SERVICES, INC.**  
Certificate of Authorization No. 1427  
Renewal Date: June 30, 2016  
*Michael B. Simmons*  
MICHAEL B. SIMMONS, P.E. S.E. NO. 24576  
(THIS SEAL COVERS SHEETS 32-33)  
12/18/2015

**GUY ENGINEERING SERVICES, INC.**  
Certificate of Authorization No. 1427  
Renewal Date: June 30, 2016  
*Rebecca A. Alvarez*  
REBECCA A. ALVAREZ, P.E. NO. 24916  
12/18/2015

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____	DATE APPROVED _____
BY _____	BY _____
CHIEF ENGINEER	DIVISION ADMINISTRATOR
PROJECT NO. CIRB-211D(024)RB	SHEET NO. 1

COMMISSIONER BOBBY BOTTIS  
DISTRICT 2, CHEROKEE COUNTY  
P.E. NO. 29394(01)  
SHANNON SHEFFERT / GARRY HARRISON  
LOCAL GOVERNMENT DIVISION

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