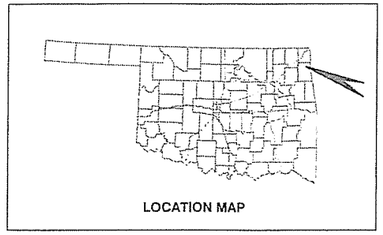
ROSE & McCRARY, P.C.
ENGINEERING & LAND SURVEYING
2125 South Broadway, Grove, OK 74344
918-786-6350 FAX: 918-786-7536 www.rosemccrary.com
CA 4716 (PE/LS) EXPIRES 6/30/2017

DELAWARE COUNTY COMMISSIONER
DOUG SMITH (DISTRICT 1)
TOM SANDERS (DISTRICT 2)

JAMES PRUETT/SHANNON SHEFFERT
LOCAL GOVERNMENT COORDINATION DIV.



CONVENTIONAL SYMBOLS

- SECTION/QUARTER SECTION LINES
- BARBED WIRE FENCE
- PIPE FENCE
- GROUND LINE
- CATCH LINE
- ASPHALT EDGE
- 10+00 BASE LINE
- GRADE LINES
- UNDERGROUND TELEPHONE CABLE
- GAS LINE
- WATER LINE
- POWER LINES
- R/W RIGHT-OF-WAY LINES – NEW
- EASEMENT
- SILT FENCE (TEMPORARY SEDIMENT CONTROL)
- TEMPORARY SILT DIKE
- RIP-RAP (PERMANENT EROSION CONTROL)
- TEMPORARY SITE BENCHMARK
- BUILDINGS
- UTILITY POLE
- GUY WIRE
- DRAINAGE STRUCTURES – IN PLACE
- ABOVE GROUND TELEPHONE HARDWARE
- VALVE
- HP HIGH POINT
- LP LOW POINT
- O FOUND IRON PIN

DESIGN DATA		
ADT	2015	= 450
ADT	2035	= 720
		RURAL
K (DHV/ADT)		= 0.15
D		= 50
T (%DHV)		= 25
T (%ADT)		= 15
T_3 (%ADT)		= 2
V		= 40mph
		= RURAL
FLEX ESAL'S 20 YR		= 1,161,270

SURVEY DATA

BASIS OF BEARINGS:
STATE PLANE GRID, NAD83, NORTH ZONE

BASIS OF DATUM ELEVATION:
DERIVED FROM TOPCON TOPNET LIVE SERVICE ESTABLISHED BY OPUS SOLUTION, NAVD 1988.

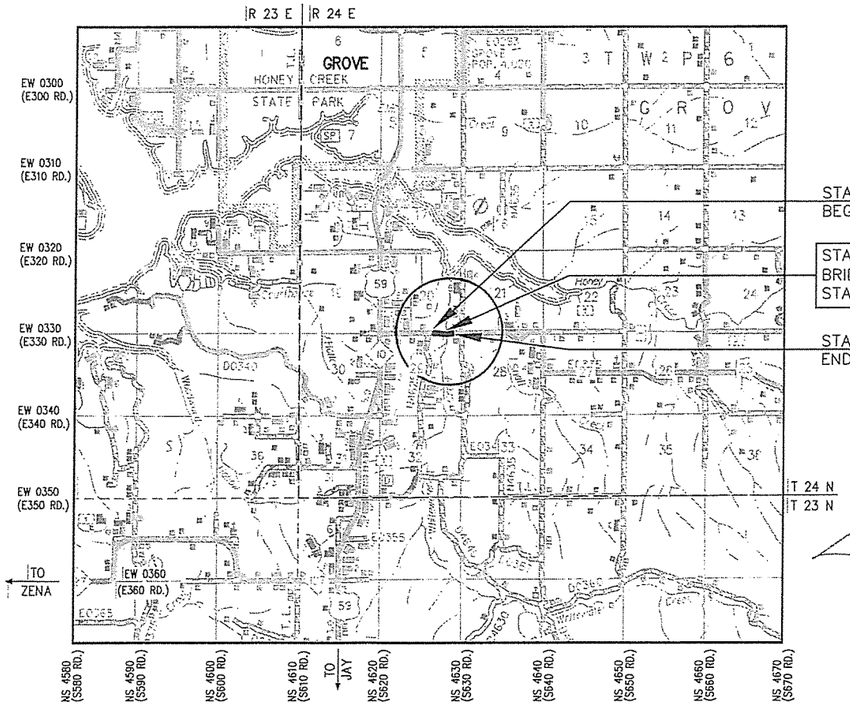
All Dimensions are in feet unless otherwise noted on plans.

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

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
ENGINEERING PROJECT NO. ACERSTP-221C(032)ER

COUNTY BRIDGE
BRIDGE AND APPROACHES
DELAWARE COUNTY
STR No. 27 (WHITE WATER CREEK BRIDGE)
STATE JOB PIECE No. 32598(04)
LOCATION NO. 21E0330N46200008
NEW NBI No. 31705, OLD NBI No. 20247
LATITUDE: 36°32'21.7"N, LONGITUDE: 094°45'33.9"W



STA. 8+50.00
BEGIN CONSTRUCTION

STA. 14+52.83 BEGIN BRIDGE
BRIDGE LENGTH: 153.17'
STA. 16+06.00 END BRIDGE

STA. 19+75.00
END CONSTRUCTION

LOCATION MAP
SCALE = 1" = 5,000'

ROADWAY LENGTH	971.83 FT	0.184 MI
BRIDGE LENGTH	153.17 FT	0.029 MI
PROJECT LENGTH		0.213 MI

EQUATIONS : NONE
EXCEPTIONS : NONE

REVISIONS

DESCRIPTION	DATE
1 7/18/16 Revise Project Number	

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS
3	SUMMARY OF PAY QUANTITIES AND GENERAL NOTES
4	SUMMARY OF CONSTRUCTION QUANTITIES
5	PLAN AND PROFILE STA 8+50 TO STA 19+75
6	BRIDGE GENERAL PLAN AND ELEVATION
7	BRIDGE FOUNDATION REPORT
8	BRIDGE SUBSTRUCTURE STAKING DIAGRAM
9	BRIDGE PIER DETAILS (SHEET No. 1 OF 2)
10	BRIDGE PIER DETAILS (SHEET No. 2 OF 2)
11	SURVEY DATA SHEET
12	EROSION CONTROL PLAN
13	STORM WATER MANAGEMENT PLAN
14	DRAINAGE AREA MAP
X1–X7	CROSS SECTIONS

THE FOLLOWING STANDARDS ARE REQUIRED:

ROADWAY	TRAFFIC CONTROL	TRAFFIC SIGNING	BRIDGE
RDI–3–1	TCS1–1–01	RSD1–1–01	CB26–C–SKO–ABUT–PC3–01E
SSS–1–1	TCS4–1–01	SBS1–1–00	CB26–C–SKO–XSECT–PC234–01E
TSD–2–0	TCS5–1–00	GMS1–1–00	CB26–C–SKO–LSECT–PCB–01E
TSC1–3–2	TCS7–1–02	SSA1–1–00	CB26–C–SKO–DKSLB–BLIST–01E
TSC2–3–2	TCS8–1–00	SSP1–1–02	CB26–C–SKO–DIA–END–PC234–01E
PUD–3–2	TCS9–1–01	WSD3–1–00	CB26–C–SKO–SPR–QUAN–PCB–1–01E
	TCS14–1–00		CB26–C–SKO–SPR–QUAN–PCB–2–01E
		TRAFFIC SAFETY	CB26–C–SKO..30–PCB–III–75–01E
		SKT–1–00	CB26–C–SKO..30–DIA–INT–PCB–01E
		GHW1–1–00	CB26–C–SKO..30–BRG–PC3–01E
		GHW2–1–00	CB26..32–C–SKO–ABUT–MISC–01E
			CB26..32–C–SKO–WNG–PC3–01E
			CB26..32–C..I–SKO..30–PCB–DTL–1–01E
			CB26..32–C..I–SKO..30–PCB–DTL–2–01E
			CB26..32–C..I–SKO..30–GRAU–BC–00E
			HP1–2–00E
			TR3–2–01E
			EJ–SQ–03E
			EJ–DTL–01E

DELAWARE COUNTY CLERK

APPROVED THIS 6th DAY OF June 2016
COUNTY COMMISSIONERS
DELAWARE COUNTY, OKLAHOMA
CHAIRMAN
MEMBER
MEMBER
ATTEST
COUNTY CLERK

LICENSED PROFESSIONAL ENGINEER
TIMOTHY S. McCRARY
19247
OKLAHOMA
6-2-16

BEFORE YOU DIG CALL OKIE

CA 4716 (PE/LS) EXPIRES 6/30/2017

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OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR

PROJECT NO. ACERSTP-221C(032)ER | SHEET NO. 1
DELAWARE COUNTY

Time: 3:11 pm
Scale: 1=1 (PS)
Date: 6/1/2016
Drawing Name: 16046-00\LNG\DWG\16046-00 Cover Sheet.dwg (jfrancis)
Xrefs Used: treeTIM
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