

THIS PROJECT IS A MANDATORY TIE TO A NEARBY PROJECT, JOB PIECE NUMBER 28827(04)

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJ. NO. ACSTP-277B(034)SS
BRIDGE AND APPROACHES
SH 34 OVER SOUTH PERSIMMON CREEK
WOODWARD COUNTY
STATE JOB NO. 28825(04)
CONTROL SECTION NO. 34-77-16

BRIDGE "A" LOCATION NO. 7716 0486 X
EXISTING NBI NO. 03426; NEW NBI NO. 31749

INDEX OF SHEETS

SHT. NO.	DESCRIPTION
1.	TITLE SHEET
2.	TYPICAL SECTIONS
3.	PAY ITEMS & NOTES (ROADWAY)
3A.	PAY ITEMS & NOTES (TRAFFIC)
4.	BRIDGE GENERAL NOTES
5.	PAY ITEMS AND NOTES (BRIDGE)
6.	SUMMARY SHEET
7.-7A.	MASS DIAGRAMS
8.	STORMWATER MANAGEMENT PLAN
9.	DRAINAGE AREA MAP
10.	SURVEY DATA TITLE SHEET
11.	HISTORICAL LETTER & WRITTEN REPORT
12.	ALIGNMENT REPORT, LEVELS, & COGO POINTS
13.	CONTROL MAP & INFORMATION
14.-15.	SURVEY DATA SHEETS
16.-17.	LAND TIE SHEETS
18.	EROSION CONTROL SHEET
19.-20.	PLAN & PROFILE SHEETS
21.	GENERAL PLAN AND ELEVATION
22.	SUMMARY OF BRIDGE PAY QUANTITIES
23.	FOUNDATION REPORT
24.	SUBSTRUCTURE LAYOUT
25.	SUBSTRUCTURE EXCAVATION AT PIERS
26.	ABUTMENT DETAILS
27.	ABUTMENT WING DETAILS
28.-30.	PIER NO. 1 AND 2 DETAILS
31.	PIER STEEL PILING DETAIL AND BAR LIST
32.	TYPICAL CROSS SECTION
33.	LONGITUDINAL SECTION AND PARAPET ELEVATION
34.	BEAM FRAMING PLAN
35.	P.C.B. DETAILS - TYPE III SPAN NO. 1 AND 3
36.	P.C.B. DETAILS - TYPE III SPAN NO. 2
37.	BEARING DETAILS
38.-39.	ABUTMENT DIAPHRAGM DETAILS
40.	SLAB REINFORCING PLAN
41.	SLOPE DRAIN DETAILS
42.	SIGNING & STRIPING SHEET
43.-44.	TRAFFIC CONTROL SHEETS
X1.-X20.	CROSS SECTIONS

DESIGN DATA

ADT 2016	= 2,150
ADT 2036	= 3,070
DHV (2-WAY)	= 338
K (DHV/ADT)	= 11%
D	= 55%
T(%DHV)	= 17%
T(%ADT)	= 20%
T(%ADT)	= 13%
V	= 65 MPH
(20 YR)FLEX ESAL's	= 3.2M

SCALES

PLAN	1"=50'
PROFILE HOR.	1"=50'
PROFILE VER.	1"=5'
LAYOUT MAP	N.T.S.

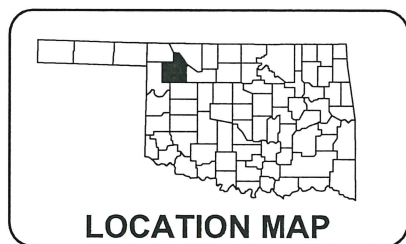
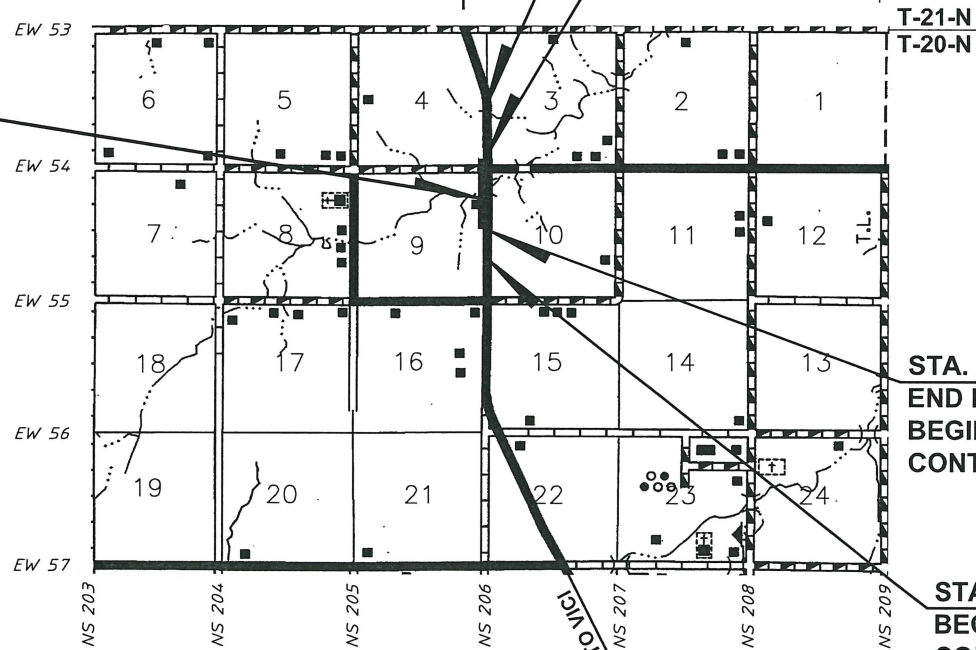
CONVENTIONAL SYMBOLS

	PROPOSED ROADS
	SECTION LINES
	QUARTER SECTION LINES
	FENCES (EXISTING)
	EXISTING GRADE
	EXISTING ROADS
	EXISTING INDEX CONTOURS
	EXISTING INTERMEDIATE CONTOURS
	BASE LINE
	PROPOSED GRADE
	COMMUNICATION LINES (EXISTING)
	POWER LINES (EXISTING)
	GAS LINE (EXISTING)
	SANITARY SEWER LINES (EXISTING)
	WATER LINES (EXISTING)
	COMMUNICATION LINES (PROPOSED)
	POWER LINES (PROPOSED)
	GAS LINE (PROPOSED)
	SANITARY SEWER LINES (PROPOSED)
	WATER LINES (PROPOSED)
	BUILDINGS (EXISTING)
	DRAINAGE STRUCTURES (EXISTING)
	DRAINAGE STRUCTURES (PROPOSED)
	RIGHT-OF-WAY LINES (EXISTING)
	RIGHT-OF-WAY LINES (PROPOSED)
	RIGHT-OF-WAY FENCE
	FLOWLINE (EXISTING)
	FLOWLINE (PROPOSED)
	TOE OF SLOPE (EXISTING)

BRIDGE "A"

EXIST. NBI NO. 03426
NEW NBI NO. 31749
LOCATION NO. 7716 0486 X
BEGIN STA. 2296+43.89
END STA. 2298+44.39
LENGTH 200.50 FT.

BRIDGE "A"



PROJECT LENGTH BASED ON CL SURVEY STATIONING

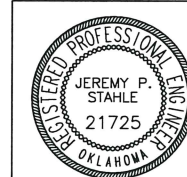
ROADWAY LENGTH	1,474.50 FT	0.279 MI
BRIDGE LENGTH	200.50 FT	0.037 MI
PROJECT LENGTH	1,675.00 FT	0.317 MI

EXCEPTIONS _____ NONE
EQUATIONS _____ NONE

STANDARDS

THE FOLLOWING ODOT STANDARDS ARE REQUIRED FOR THIS PROJECT:

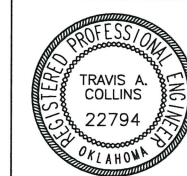
ROADWAY	TRAFFIC	TRAFFIC CONTROL	BRIDGE
SSS-1-1	PM3-1-02	TCS1-1-01	B40-1-ABUT-MISC-01E
TSC2-3-2	DU1-1-00	TCS2-1-00	B40-1-AS-03E
TSD-2-0	DU2-1-00	TCS4-1-01	TR4-2-00E
TRFD-1-2	RSD1-1-00	TCS5-1-00	HP1-2-00E
ASCD-5-2	WSD3-1-00	TCS6-1-02	
LECS-4-1	SBS1-1-00	TCS7-1-02	
PSE-1-0	GMS1-1-00	TCS8-1-00	
CET6S-3-2	SSP1-1-02	TSC9-1-01	
SPI-4-1	SSA1-1-00	TCS10-1-00	
SPB-1-4	THRI-1-02	TCS11-1-01	
FHTMPP-1-0	SKT-1-00	TCS13-1-00	
FHTCP-3-1	GA31-1-00	TCS14-1-00	
PUD-3-2	GHW1-1-00	TCS19-1-01	
PDT-1-3	GHW2-1-00	TCS20-1-00	
RWF2-2-1		TCS21-1-02	
		TCS22-1-00	



PREPARED BY:
CEC CORPORATION
CA32 6/30/18
TULSA, OKLAHOMA



Jeremy P. Stahle 6/17/16
DATE
JEREMY P. STAHL, P.E.
OKLA. REG. NO. 21725



PREPARED BY:
CEC CORPORATION
CA32 6/30/18
OKLAHOMA CITY, OKLAHOMA



Travis A. Collins 6-17-16
DATE
TRAVIS A. COLLINS, P.E.
OKLA. REG. NO. 22794

OKLAHOMA
DEPARTMENT OF TRANSPORTATION
DATE APPROVED _____
BY _____
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____
BY _____
DIVISION ADMINISTRATOR