

**THIS PROJECT IS A MANDATORY TIE TO A NEARBY PROJECT, JOB PIECE NUMBER 28825(04)**

STATE OF OKLAHOMA  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED  
**STATE HIGHWAY**  
FEDERAL AID PROJ. NO. ACSTP-277B(035)SS  
BRIDGE AND APPROACHES  
SH-34 OVER NORTH PERSIMMON CREEK  
**WOODWARD COUNTY**

STATE JOB NO. 28827(04)  
CONTROL SECTION NO. 34-77-16

BRIDGE "A" LOCATION NO. 7716 0757 X  
EXISTING NBI NO. 03444; NEW NBI NO. 31750

**DESIGN DATA**

ADT 2016 = 2,120  
ADT 2036 = 3,030  
DHV (2-WAY) = 333  
K (DHV/ADT) = 11%  
D = 55%  
T (% DHV) = 20%  
T (% ADT) = 17%  
T' (% ADT) = 13%  
V = 65 MPH  
(20YR)FLEX ESAL's = 3.2M

BRIDGE "A"

EXIST. NBI NO. 03444  
NEW NBI NO. 31750  
LOCATION NO. 7716 0757 X  
BEGIN STA. 2440+65.16  
END STA. 2443+66.83  
LENGTH 301.67 FT

**SCALES**

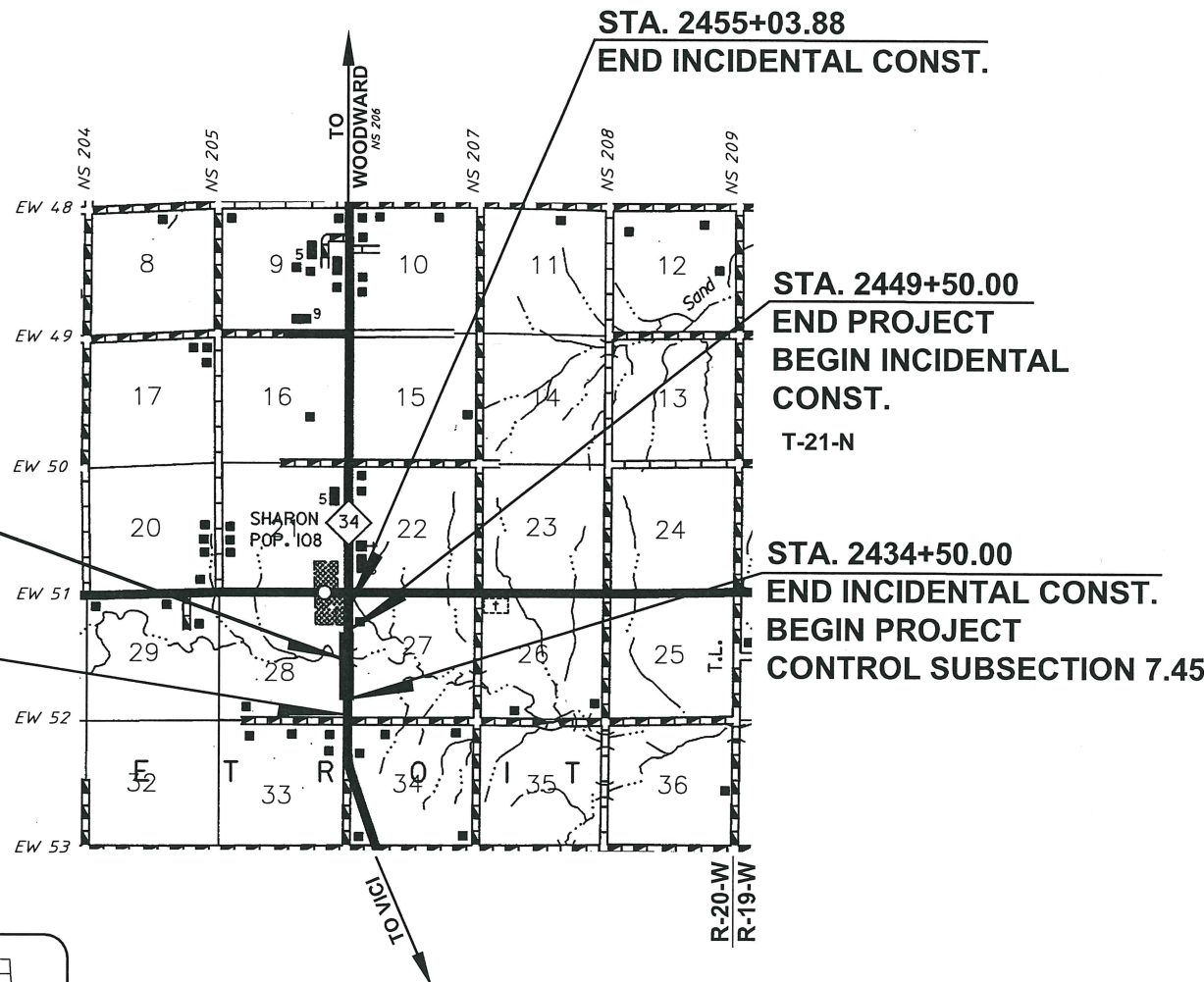
PLAN 1"=50'  
PROFILE HOR. 1"=50'  
PROFILE VERT. 1"=5'  
LAYOUT MAP N.T.S.

**CONVENTIONAL SYMBOLS**

- PROPOSED ROADS
- SECTION LINES
- QUARTER SECTION LINES
- x- FENCES (EXISTING)
- - - EXISTING GRADE
- - - EXISTING ROADS
- - - EXISTING INDEX CONTOURS
- - - EXISTING INTERMEDIATE CONTOURS
- BASE LINE
- PROPOSED GRADE
- FOC COMMUNICATION LINES (EXISTING)
- OHE POWER LINES (EXISTING)
- G GAS LINE (EXISTING)
- SS SANITARY SEWER LINES (EXISTING)
- W WATER LINES (EXISTING)
- COMMUNICATION LINES (PROPOSED)
- OHE POWER LINES (PROPOSED)
- G GAS LINE (PROPOSED)
- SS SANITARY SEWER LINES (PROPOSED)
- W 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)



STA. 2428+49.86  
BEGIN INCIDENTAL  
CONST.



**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 & NOTES (BRIDGE)
6.	SUMMARY SHEET
7.-7A.	MASS DIAGRAMS
8.	STORM WATER MANAGEMENT PLAN
9.	DRAINAGE AREA MAP
10.	SURVEY DATA TITLE SHEET
11.	HISTORICAL LETTER & WRITTEN REPORT
12.	LEVELS, COGO POINTS & ALIGNMENT REPORT
13.	CONTROL MAP & INFORMATION
14.-15.	SURVEY DATA SHEETS
16.	LAND TIE SHEET
17.	EROSION CONTROL SHEET
18.-19.	PLAN & PROFILE SHEETS
20.	GENERAL PLAN AND ELEVATION
21.	SUMMARY OF BRIDGE PAY QUANTITIES
22.	FOUNDATION REPORT
23.	SUBSTRUCTURE LAYOUT
24.	SUBSTRUCTURE EXCAVATION AT PIERS
25.	ABUTMENT DETAILS
26.	ABUTMENT WING DETAILS
27.-29.	PIER NO. 1 AND 2 DETAILS
30.	PIER STEEL PILING DETAIL AND BAR LIST
31.	TYPICAL CROSS SECTION
32.	LONGITUDINAL SECTION
33.	BEAM FRAMING PLAN
34.	P.C.B. DETAILS-TYPE IV
35.	DIAPHRAGM AND BEARING DETAILS
36.	SUPERSTRUCTURE DETAILS
37.	ADDITIONAL SLAB REINFORCING
38.	SLOPE DRAIN DETAILS
39.	SIGNING & STRIPING SHEET
40.-41.	TRAFFIC CONTROL SHEETS
X1.-X18.	CROSS SECTIONS

**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	TCS9-1-01	
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	

**PROJECT LENGTH BASED ON CL SURVEY STATIONING**

ROADWAY LENGTH \_\_\_\_\_ 1,198.33 FT \_\_\_\_\_ 0.226 MI  
BRIDGE LENGTH \_\_\_\_\_ 301.67 FT \_\_\_\_\_ 0.057 MI  
PROJECT LENGTH \_\_\_\_\_ 1,500.00 FT \_\_\_\_\_ 0.284 MI

EXCEPTIONS \_\_\_\_\_ NONE  
EQUATIONS \_\_\_\_\_ NONE

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

*Jeremy P. Stahle*  
JEREMY P. STAHL, P.E.  
OKLA. REG. NO. 21725

6/17/16  
DATE

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

*Travis A. Collins*  
TRAVIS A. COLLINS, P.E.  
OKLA. REG. NO. 22794

6-17-16  
DATE

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