

TRAFFIC DESIGN

PROJECT ENGINEER : JAMI SHORT
SQUAD SUPERVISOR : STEVE WILLIAMS

ROADWAY DESIGN

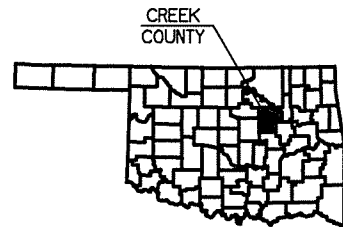
ENGINEERING MGR : CALEB AUSTIN, PE
SQUAD SUPERVISOR : JEFFREY HAMILTON

BRIDGE DESIGN

ENGINEERING MANAGER: MOHAMED ELYAZGI, PE
SQUAD SUPERVISOR: KEVEN MAYFIELD
ASSISTANT SQUAD SUPERVISOR: KYLE STEVENS
SQUAD MEMBERS: D. GOFORTH, J. LONSDALE, R. WEINERT, R. ADKINSON, A. GATLEY,
ENGINEER: MIKE CAD, PE
ENGINEER: KATIE BROWN, E.I.

P.E. NO. : 27075(00)

FOR SURVEY CONTROL DATA
SEE SURVEY DATA SHEETS



LOCATION MAP
DIVISION 8

DESIGN DATA

ADT 2016	= 3,400
ADT 2036	= 4,800
DHV (2-WAY)	= 539
K (DHV/ADT)	= 11%
D	= 57%
T (% DHV)	= 4%
T (% ADT)	= 7%
T ² (% ADT)	= 2%
V DETOUR 1	= 25MPH
V DETOUR 2	= 45MPH
V S OF BRIDGE	= 35MPH
V N OF BRIDGE	= 55MPH
20yr FLEX EQUALS	= 3.18M

SCALE

PLAN	1" = 100'
PROFILE HOR.	1" = 100'
VER.	1" = 10'
LAYOUT MAP	1" = 2,640'

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
	RIGHT-OF-WAY FENCE

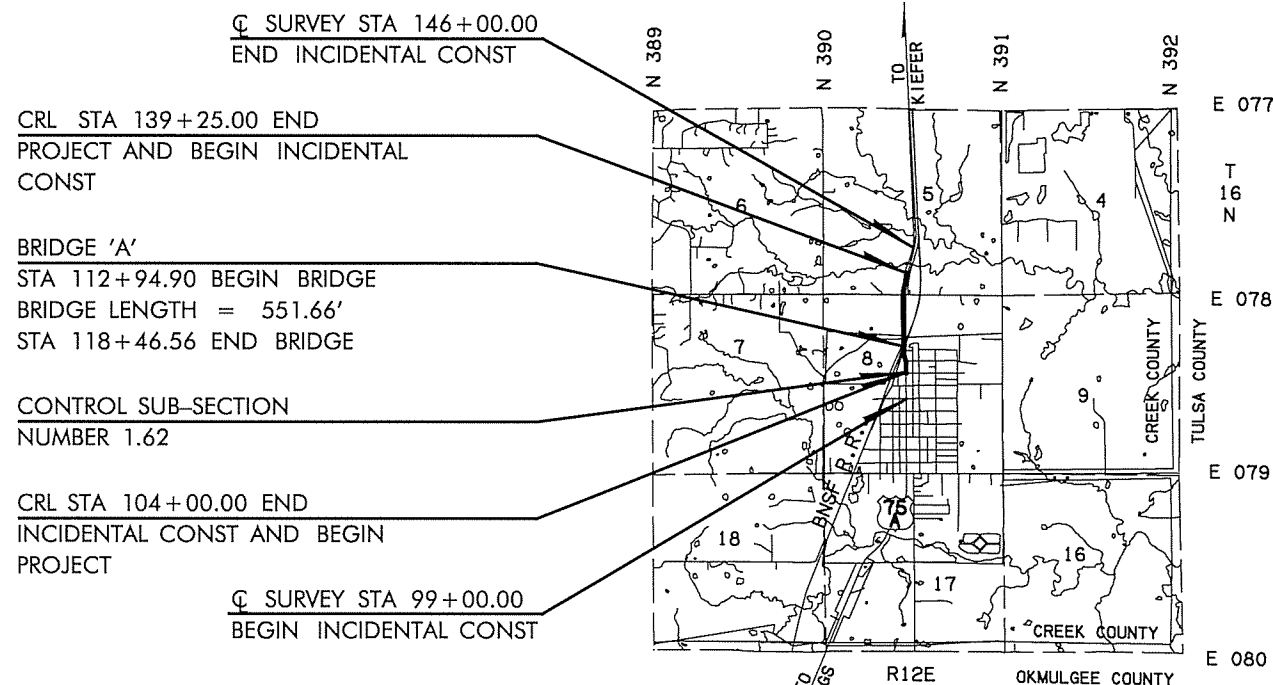
2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, APPROVED BY THE
U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
U.S. HIGHWAY
FEDERAL AID PROJECT NO. ACSTP-219C(033)SS
BRIDGE AND APPROACHES
US HIGHWAY 75A

CREEK COUNTY

CONTROL SECTION NO. 75A-19-08
STATE JOB NO. 27075(04)
BRIDGE 'A' LOCATION NO. 1908 0180X
EXISTING NBI NO. 06587; NEW NBI NO. 31242



ROADWAY LENGTH ----- 2973.34 FT. 0.563 MI.
BRIDGE LENGTH ----- 551.66 FT. 0.104 MI.
PROJECT LENGTH ----- 0.667 MI.

EQUATIONS NONE
EXCEPTIONS NONE

DESCRIPTION	REVISION	DATE
PROJ. NO. CORRECTION IN TITLE BLOCK		1/19/16

INDEX OF SHEETS

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THE FOLLOWING STANDARD DRAWINGS WILL BE REQUIRED:

RAILROAD	ROADWAY	BRIDGE	TRAFFIC	
BNSF/UPRR PLAN 711100	ASCD-5-2 C1-1-2 CSCD-5-3 FHTCP-3-1 FHTMPP-1-0 PCES-4-1 PED-3-2 RD1-3-1 RWF2-2-1 SPB-1-4	SPI-4-1 SSS-1-1 SUEL1-3-2 SUEL4-3-2 TFL-1-1 TSC2-3-2 TSD-2-0 TWD-1-0 OBSOLETE ROADWAY SUEL2-3-0	B40-C-ABUT-MISC-01E B40-C-AS-03E B40-STL-BM-BRACING-00E CRCP2-3-0 EJ-SK-03E EJ-DTL-01E GHW1-1-00 GHW2-1-00 HP1-2-00E LECS-4-1 PUD-3-2 SKT-1-00 THRI-1-02 TR4-2-00E	TCS1-1-01 TCS2-1-00 TCS3-1-01 TCS4-1-01 TCS5-1-00 TCS6-1-02 TCS7-1-02 TCS8-1-00 TCS9-1-01 TCS10-1-00 TCS11-1-01 TCS14-1-00 TCS15-1-00 TCS16-1-00 TCS19-1-01 TCS20-1-00 TCS21-1-02 PM1-1-02 PM3-1-02 PM4-1-01

PREPARED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
BRIDGE DIVISION
Mohamed Elyazgi
MOHAMED F. ELYAZGI, P.E.
OKLA. REG. NO. 17542
DATE: 8/19/2016

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR
SWQ 4170(1)	PROJECT NO. ACSTP-219C(033)SS A SHEET NO. 1