

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
U.S. HIGHWAY

FEDERAL AID PROJECT NO. NHPP-272N(231)SS
BRIDGE REHABILITATION
U.S. HIGHWAY 64 & STATE HIGHWAY 51 OVER SHERIDAN ROAD

TULSA COUNTY

CONTROL SECTION NO. 51-72-80
STATE JOB NO. 28878(04)
BRIDGE "A" LOCATION NO. 7280-0510 NX
EXISTING NBI NO. 16554 (TO REMAIN)
BRIDGE "B" LOCATION NO. 7280-0510 SX
EXISTING NBI NO. 16555 (TO REMAIN)

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	JOB/PCEC NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	28878(04)			

INDEX OF SHEETS

DESCRIPTION	REVISIONS	DATE
1		
2		
3-4		
5		
6		
7		
8		
9		
10		
11		
12		
BRIDGE "A"		
13		
14		
15		
16-20		
21		
22-25		
BRIDGE "B"		
26		
27		
28		
29-33		
34		
35-38		
39		
40-48		
49-51		
S1		
X1-X15		

FOR SURVEY CONTROL DATA,
SEE SURVEY DATA SHEETS

DESIGN DATA

AADT 2018	=	75,000
AADT 2038	=	93,600
DHV (2-WAY)	=	9,828
K (DHV/ADT)	=	10.5%
D	=	54%
T (% DHV)	=	3%
T (% ADT)	=	4%
T ³ (% ADT)	=	1.5%
V	=	60 MPH
20 YR FLEXESALS	=	7.11M

SCALES

1" = 50'

FLAN 1" = 50'

PROFILE HOR. 1" = 50'

VER. 1" = 5'

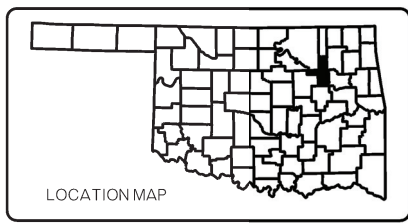
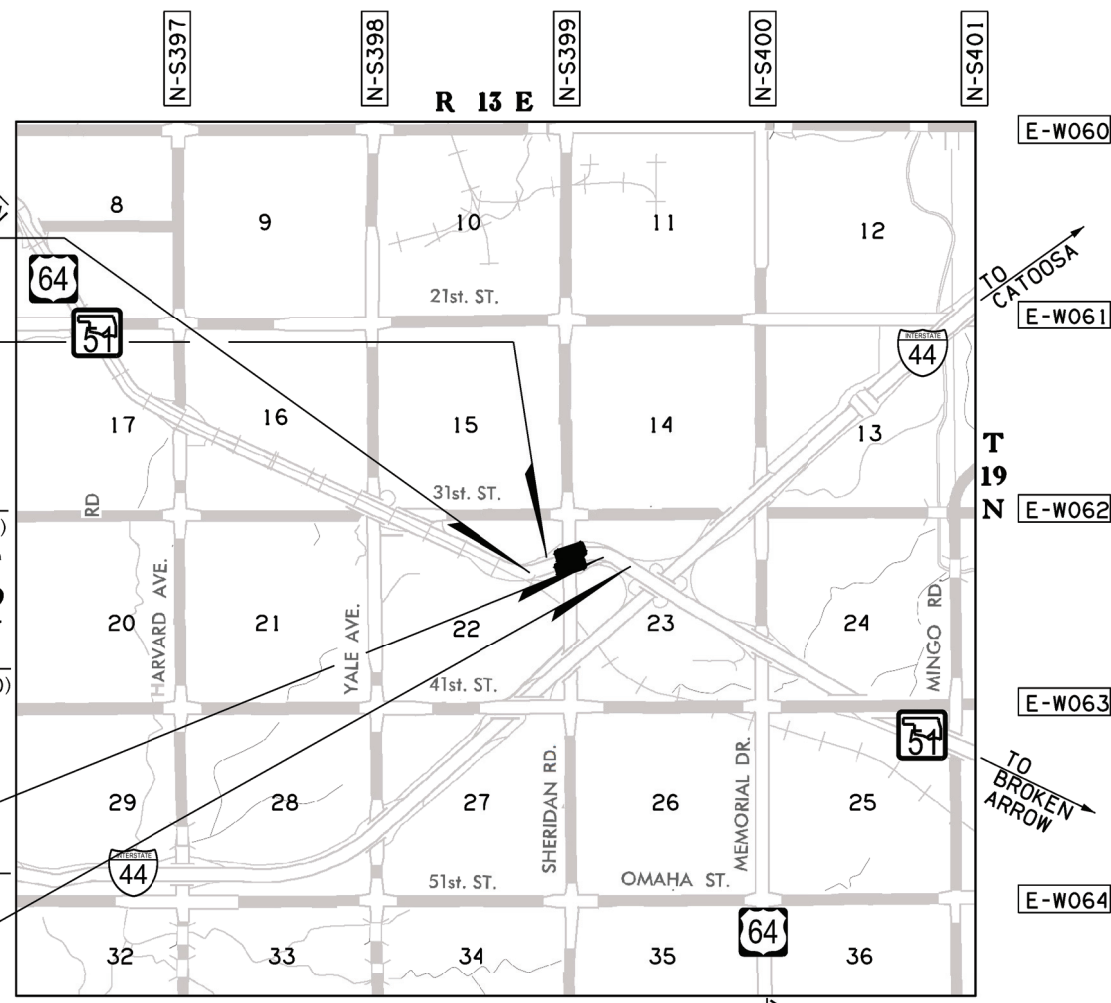
LAYOUT MAP 1" = 2,640'

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
	OIL WELL
	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.

C.R.L. STA. 489+00.00 END INCIDENTAL	
C.R.L. STA. 486+11.00 END PROJECT BEGIN INCIDENTAL	
END STA. 481+62.20 LENGTH = 159.61' BEGIN STA. 480+02.59	BRIDGE "B" (EASTBOUND)
END STA. 481+46.41 LENGTH = 159.61' BEGIN STA. 479+86.80	BRIDGE "A" (WESTBOUND)
C.R.L. STA. 475+38.00 END INCIDENTAL BEGIN PROJECT CONTROL SUB-SECTION NO. 4.5	
C.R.L. STA. 470+00.00 BEGIN INCIDENTAL	



NOTE: PROJECT LENGTH BASED ON C.R.L. STATIONING

ROADWAY LENGTH			
WESTBOUND	913.39	FT.	0.172 MI.
EASTBOUND	913.39	FT.	0.172 MI.
BRIDGE LENGTH			
WESTBOUND	159.61	FT.	0.030 MI.
EASTBOUND	159.61	FT.	0.030 MI.
PROJECT LENGTH			
WESTBOUND			0.202 MI.
EASTBOUND			0.202 MI.

THE FOLLOWING STANDARDS WILL BE REQUIRED:
ODOT STANDARDS

ROADWAY	BRIDGE	TRAFFIC SIGNING	TRAFFIC SAFETY
SSS-1-1	FSHP-42-00E	PM1-1-02	SBS1-1-00
TSC2-3-2		PM3-1-02	GMS1-1-03
TSB-2-0		PM4-1-01	SSP1-1-02
CLB-1-2		WSD1-1-00	SSA1-1-00
PDT-1-3		WSD2-1-00	GHW2-1-00
		WSD3-1-00	CPP-1-00
HIGHWAY LIGHTING		TRAFFIC CONTROL	
CCD1-1-00	PPD1-2-00	TCS1-1-01	TCS8-1-00
PBD1-1-00	HLD1-2-00	TCS2-1-00	TCS9-1-01
GMF1-2-00	HLD2-2-00	TCS3-1-01	TCS10-1-00
HLBP1-1-00	SCD1-1-00	TCS4-1-01	TCS11-1-01
HLGN1-1-00	TEWD1-2-00	TCS5-1-00	TCS13-1-00
HLPD1-1-00		TCS6-1-02	TCS14-1-00
		TCS7-1-02	TCS18-1-01

PREPARED BY:

6450 SOUTH LEWIS AVE.
SUITE 300
TULSA, OKLAHOMA 74136
(918) 250-5922 (VOICE)
(918) 858-0107 (FAX)

Digitally signed by
Nicholas Braddy
Date: 2017.06.05
15:10:06-0500'

Digitally Signed by
Brad Thompson
2017.06.05
15:12:19-0500'

NICHOLAS BRADDY, P.E.
OKLA. REG. NO. 26601
RESPONSIBLE FOR SHEETS:
1-2, 5-12, 39-51, & X1-X15

BRADLEY R. THOMPSON, P.E.
OKLA. REG. NO. 12094
RESPONSIBLE FOR SHEETS:
3-4 & 13-38

CERTIFICATE OF AUTHORIZATION NO. 4193 P.E., L.S. RENEWAL DATE: 6-30-2018

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR
SWO	PROJECT NO. NHPP-272N(231)SS
COUNTY TULSA	HIGHWAY US-64/SH-51 SHEET NO. 1

P.E. NO. 28878(01)