

STATE OF OKLAHOMA  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED  
**STATE HIGHWAY**  
BRIDGE REHABILITATION PLANS  
STATE HIGHWAY 74 OVER INTERSTATE 35  
**McCLAIN COUNTY**  
CONTROL SECTION NO. 74-44-34  
STATE AID PROJECT NO. NHPPI-244N(029)SS  
JOB PIECE NO. 29572(04)

BRIDGE "A" (WESTBOUND): NBI NO. 17338, STRUCTURE NO. 4405 0928 X  
BRIDGE "B" (EASTBOUND): NBI NO. 17337, STRUCTURE NO. 4405 0927 X

**STANDARDS**

THE FOLLOWING STANDARDS WILL BE REQUIRED FOR THIS PROJECT:

ROADWAY	TRAFFIC	BRIDGE
SSS-1-1	MSD3-1-01	TCS19-1-01
TSC2-3-2	TCS1-1-01	TCS20-1-00
ASCD-5-2	TCS2-1-00	TCS21-1-02
PSE-1-0	TCS4-1-01	TCS24-1-02
SMD-3-1	TCS5-1-00	PM1-1-02
FPI-3-3	TCS6-1-02	PM3-1-02
SPB-1-4	TCS7-1-02	PM5-1-00
FHTMPP-1-0	TCS8-1-00	PM6-1-00
PDT-1-3	TCS9-1-01	CPP-1-00
	TCS11-1-01	THRI-1-02
	TCS13-1-00	SKT-1-00
	TCS14-1-00	GHW1-1-00
	TCS18-1-01	GHW2-1-00
		EJ-SK-03E
		EJ-DTL-01E
		TR4-2-00E
		FSHP-42-2-00E

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36	TRAFFIC CONTROL PLAN (7 OF 7)

**DESIGN DATA**

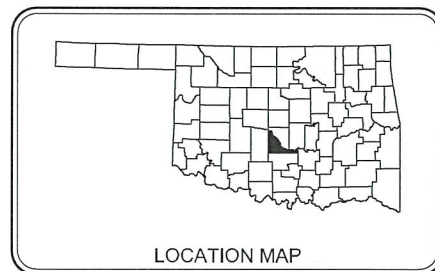
AADT 2016	=	5,540
AADT 2036	=	9,720
T3(% ADT)	=	5
V	=	50 MPH
20YR FLEX ESALS	=	2.7 M

**SCALE**

PLAN	1" = 20'
PROFILE HOR.	1" = 20'
PROFILE VER.	1" = 2'
LAYOUT MAP:	1" = 5,280'

**CONVENTIONAL SYMBOLS**

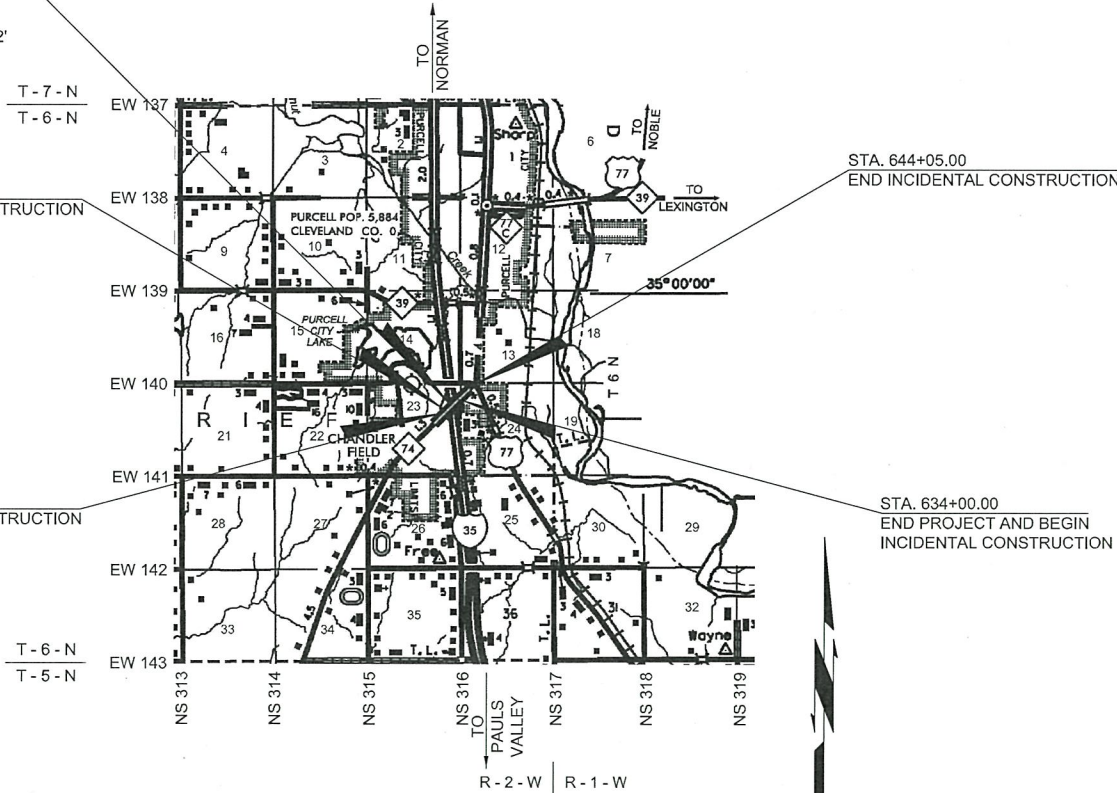
	PROPOSED ROAD
	RAILROADS
	RANGE & TOWNSHIP
	SECTION LINES
	QUARTER SECTION LINES
	FENCES
	GROUND LINE
	EXISTING ROADS
	BASE LINE
	GRADE LINES
	TELEPHONE & TELEGRAPH
	POWER LINES
	BUILDINGS
	OIL WELL
	DRAINAGE STRUCTURES - IN PLACE
	DRAINAGE STRUCTURES - NEW
	RIGHT-OF-WAY LINES - EXISTING
	RIGHT-OF-WAY LINES - NEW
	CONTROLLED ACCESS
	RIGHT-OF-WAY FENCE



BRIDGE "A" (WESTBOUND)  
BEGIN STA. 629+66.28  
END STA. 631+97.00  
BRIDGE LENGTH = 230.72'  
BRIDGE "B" (EASTBOUND)  
BEGIN STA. 629+17.98  
END STA. 631+48.70  
BRIDGE LENGTH = 230.72'

STA. 626+90.00  
END INCIDENTAL CONSTRUCTION  
AND BEGIN PROJECT

STA. 624+87.60  
BEGIN INCIDENTAL CONSTRUCTION



STA. 644+05.00  
END INCIDENTAL CONSTRUCTION

STA. 634+00.00  
END PROJECT AND BEGIN  
INCIDENTAL CONSTRUCTION

PROJECT LENGTH BASED ON C.R.L. STATIONING

ROADWAY LENGTH	.....	479.28 FT.	.....	0.090 MI.
BRIDGE LENGTH	.....	230.72 FT.	.....	0.043 MI.
PROJECT LENGTH	.....		.....	0.133 MI.

**MacArthur Associated Consultants**  
25 N.W. 146th Street - Edmond, OK 73013-405, 848, 2471  
C.E. No. 559 Renewal Date: 06-30-17

BRIDGE "A" AND "B"  
SHEETS 1-3, 9-29

*Greg D. Delano* 7/20/16  
GREG D. DELANO, P.E. OKLA. REG. NO. 26547 DATE

**MacArthur Associated Consultants**  
25 N.W. 146th Street - Edmond, OK 73013-405, 848, 2471  
C.E. No. 559 Renewal Date: 06-30-17

ROADWAY  
SHEETS 4, 6-8

*John M. Stovall* 7/20/16  
JOHN M. STOVALL, P.E. OKLA. REG. NO. 24026 DATE

**RED PLAINS PROFESSIONAL INC.**

TRAFFIC  
SHEETS 5, 30-36

*Sean P. McGraw* 7/20/16  
SEAN P. MCGRAW, P.E. OKLA. REG. NO. 26495 DATE

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____	DATE APPROVED _____
BY _____	BY _____
CHIEF ENGINEER	DIVISION ADMINISTRATOR
PROJECT NO. NHPPI-244N(029)SS SHEET NO. 1	