

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
STATE HIGHWAY
PROJECT NO. SBR-272N(230)SB
BRIDGE REHABILITATION PROJECT
S.H. 51 NORTHBOUND OVER ARKANSAS RIVER

TULSA COUNTY

CONTROL SECTION NO. 51-72-20

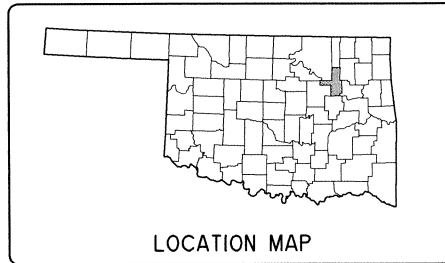
JOB NO. 31358(04)

NBI NO. 19511 STR. NO. 7220 0031EX

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	STATE JOB NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
DESCRIPTION			REVISIONS		DATE

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF PAY QUANTITIES - BRIDGE
- 4 SUMMARY OF PAY QUANTITIES - ROADWAY & TRAFFIC
- 5-8 GENERAL PLAN AND ELEVATION
- 9 SUMMARY OF BRIDGE QUANTITIES
- 10 CONSTRUCTION SEQUENCE
- 11-12 ABUTMENT REPAIR DETAILS
- 13-25 PIER REPAIR DETAILS
- 26 TYPICAL CROSS SECTION
- 27 LONGITUDINAL SECTION AND REMOVAL DETAILS
- 28 EXPANSION JOINT DETAILS
- 29-30 DECK REPAIR PLAN
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- 32-33 BEAM REPAIR PLAN
- 34 BEARING DETAILS
- 35 APPROACH SLAB DETAILS
- 36 ROADWAY TRANSITION DETAILS
- 37 TRAFFIC CONTROL PLAN PHASE I
- 38 TRAFFIC CONTROL PLAN PHASE II
- 39 TRAFFIC CONTROL PLAN S. DARLINGTON AVE.



DESIGN DATA
(INCLUDES N.B. & S.B. FACILITIES)

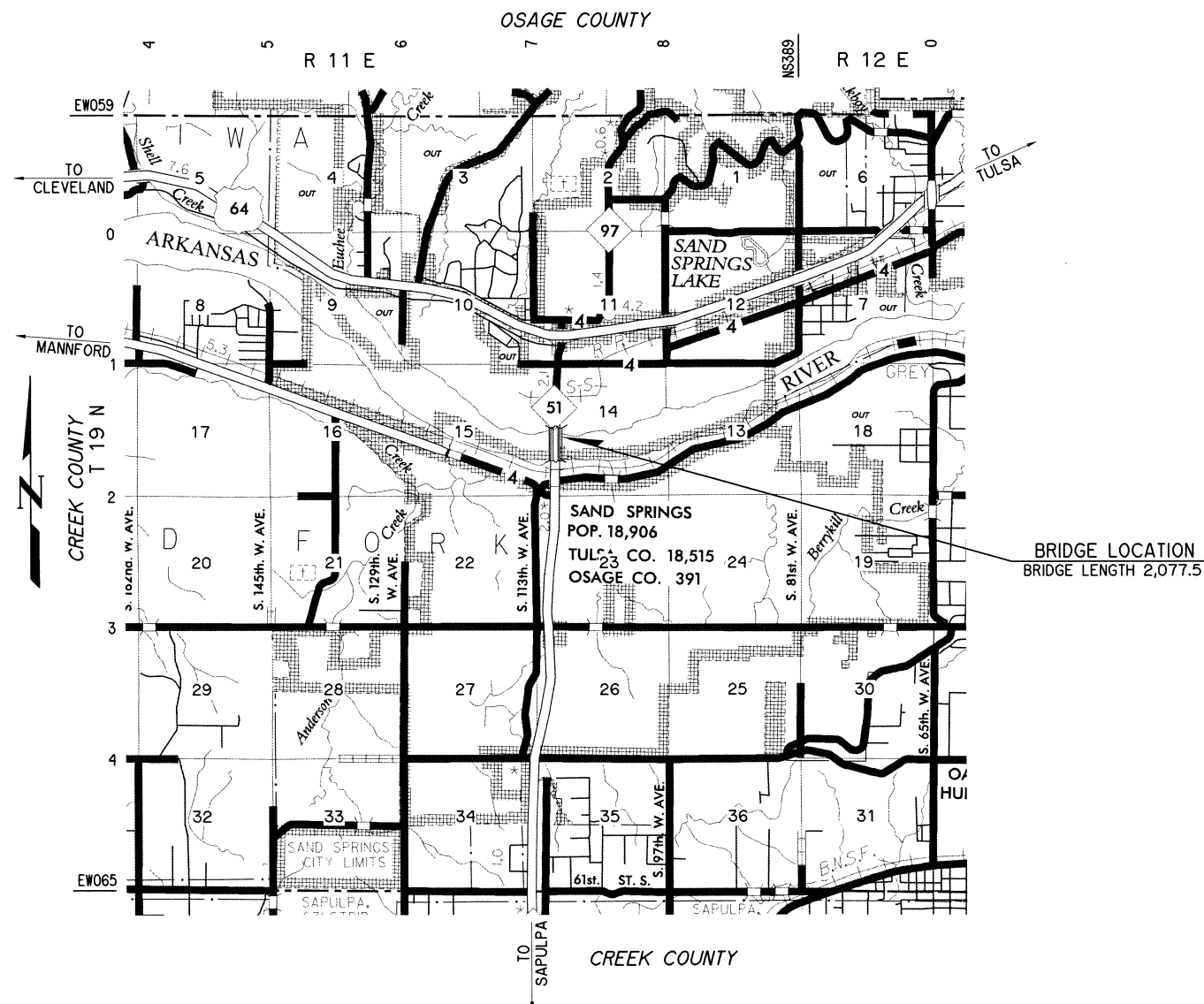
ADT (2017)	=	35,100 VPD
ADT (2037)	=	49,100 VPD
D	=	53%
T ₃ (ADT)	=	3%
V (POSTED)	=	45 MPH
FLEX ESALS	=	8.1 MIL

SCALES

PLAN	1" = 100'
PROFILE HOR.	1" = 100'
VER.	1" = 10'
LAYOUT MAP	1" = 4000'

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



STANDARDS

BRIDGE	TCS4-1-01	TCS24-1-02
EJ-S0-04E	TCS5-1-00	TCS25-1-00
EJ-DTL-02E	TCS6-1-02	PM1-1-02
	TCS7-1-02	PM3-1-02
ROADWAY	TCS8-1-00	DU1-1-00
SSS-1-1	TCS9-1-01	DU2-1-00
TSC2-3-2	TCS10-1-00	GA31-1-00
TSD-2-0	TCS11-1-01	GHW1-1-00
LECS-4-1	TCS14-1-00	GHW2-1-00
	TCS19-1-01	DBF2-1-00
TRAFFIC	TCS20-1-00	
TCS1-1-01	TCS21-1-02	
TCS2-1-00	TCS22-1-00	
TCS3-1-01	TCS23-1-00	

PREPARED BY:
WHITE ENGINEERING ASSOCIATES, INC.

DATE: 6/12/17
BY: Ronald R. White

RONALD R. WHITE
OKLA. REG. NO. 8070

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED: _____	DATE APPROVED: _____
BY: _____ CHIEF ENGINEER	BY: _____ DIVISION ADMINISTRATOR
J/P 31358(04)	SBR-272N(230)SB SHEET NO. 1

I:\Active\1626\Drawings\1 Title.dwg, 6/12/2017 10:52:50 AM, Fred