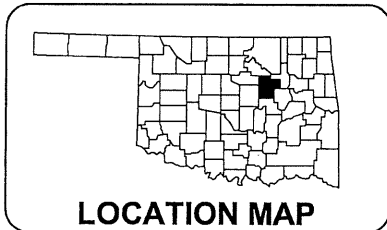


SEE SURVEY DATA SHEETS FOR SURVEY CONTROL DATA



DESIGN DATA

ADT 2017	2,500
ADT 2037	3,700
K	11%
D	60%
T(AADT)	10%
T(DHV)	8%
T3	5%
V	65 MPH
(20)FLEX ESAL's	1.5M

SCALES

PLAN	1:50
PROFILE	1:10
HORIZONTAL	1:50
VERTICAL	1:5

LEGEND

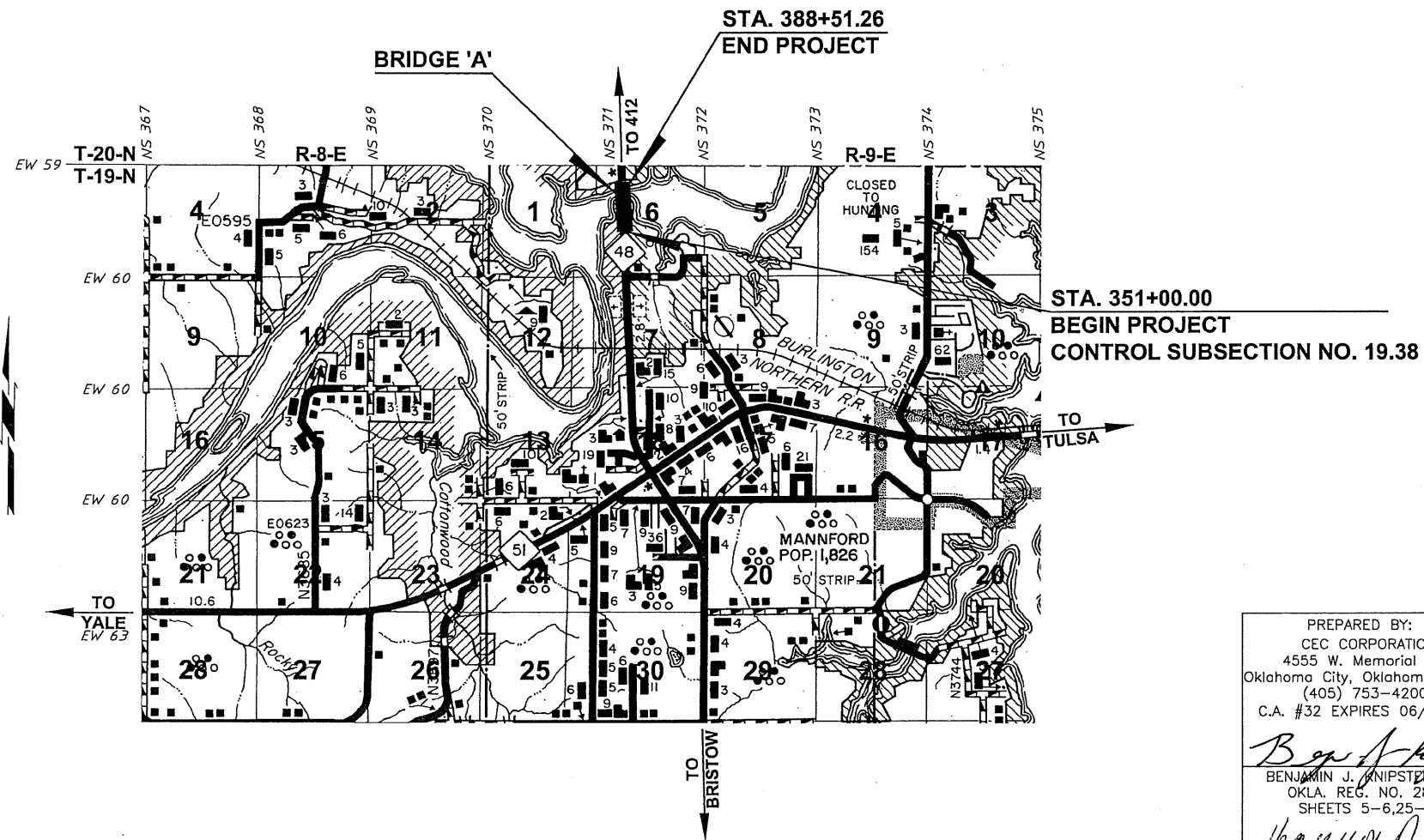
	PROPOSED ROADS
	SECTION LINES
	QUARTER SECTION LINES
	FENCES (EXISTING)
	EXISTING GRADE
	EXISTING ROADS
	EXISTING INDEX CONTOURS
	EXISTING INTERMEDIATE CONTOURS
	BASE LINE
	PROPOSED GRADE
	UNDERGROUND TELEPHONE LINES (EXISTING)
	UNDERGROUND FIBER OPTIC CABLE (EXISTING)
	POWER LINES (EXISTING)
	GAS LINE (EXISTING)
	SANITARY SEWER LINES (EXISTING)
	WATER LINES (EXISTING)
	POWER LINES (PROPOSED)
	GAS LINE (PROPOSED)
	SANITARY SEWER LINES (PROPOSED)
	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)

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
STATE HIGHWAY
PROJ. NO. STP-219B(054)SS
BRIDGE AND APPROACHES
SH 48 OVER CIMARRON RIVER
CREEK COUNTY
STATE JOB NO. 27925(04)
CONTROL SECTION NO. 48-19-13

BRIDGE "A" LOCATION NO. 1913 1977X
EXISTING NBI NO. 15584 NEW NBI NO. 31951

BRIDGE 'A' BEGIN STA. 371+57.87
END STA. 379+59.54
LENGTH 801.67 FT.



ROADWAY LENGTH	2949.59 FT	0.558 MI
BRIDGE LENGTH	801.67 FT	0.151 MI
TOTAL PROJECT LENGTH	3751.26 FT	0.709 MI

EXCEPTIONS _____ NONE
EQUATIONS _____ NONE

INDEX OF SHEETS

SHT. NO.	DESCRIPTION
1.	TITLE SHEET
2.-3.	TYPICAL SECTIONS
4.	PAY ITEMS & NOTES (ROADWAY)
5.	BRIDGE GENERAL NOTES
6.	BRIDGE PAY ITEMS & NOTES
7.	PAY ITEMS & NOTES (TRAFFIC)
8.	SUMMARY TABLES
9.-10.	MASS DIAGRAMS
11.	STORM WATER MANAGEMENT PLAN
12.-13.	EROSION CONTROL
14.-16.	PLAN AND PROFILE SHEETS
17.-20.	TRAFFIC CONTROL
21.-22.	SIGNING & STRIPING
23.	FLOOD STORAGE GRADING PLAN
24.	FLOOD STORAGE GRADING DETAILS
25.-26.	GENERAL PLAN & ELEVATION
27.	SUMMARY OF BRIDGE PAY QUANTITIES
28.	CONSTRUCTION SEQUENCE
29.-32.	FOUNDATION REPORT
33.	SUBSTRUCTURE LAYOUT
34.-35.	SUBSTRUCTURE EXCAVATION
36.	ABUTMENT NO. 1 DETAILS
37.	ABUTMENT NO. 1 WING DETAILS
38.	ABUTMENT NO. 2 DETAILS
39.	ABUTMENT NO. 2 WING DETAILS
40.	ABUTMENT BAR LIST
41.	PIER NO. 1 DETAILS
42.	PIER NO. 2 DETAILS
43.	PIER NO. 3 - NO. 6 DETAILS
44.	PIER SECTIONS
45.	PIER BAR LIST
46.-47.	TYPICAL CROSS SECTIONS
48.	TYPICAL CROSS SECTION DETAILS
49.	LONGITUDINAL SECTION
50.	BEAM FRAMING PLAN
51.-52.	BEAM DETAILS
53.	DIAPHRAGM DETAILS
54.	BEARING DETAILS
55.	SLAB REINFORCING PLAN
56.	ADDITIONAL SLAB REINFORCING PLAN
57.	PARAPET ELEVATION
58.	SLAB REINFORCING DETAILS
59.	APPROACH SLAB DETAILS
60.	SLOPE DRAIN DETAILS
61.-69.	SURVEY DATA SHEETS
X1-X13.	CROSS SECTIONS
X14-X20.	FLOOD STORAGE CROSS SECTIONS

STANDARDS

THE FOLLOWING ODOT STANDARDS ARE REQUIRED FOR THIS PROJECT:

TRAFFIC SIGNING	TRAFFIC CONTROL	TRAFFIC SAFETY	ROADWAY	BRIDGE
PM3-1-02	TCS1-1-01	THR1-1-02	SSS-1-1	EJ-SQ-04E
WSD3-1-00	TCS2-1-00	SKT-1-00	TSC2-3-2	EJ-DTL-02E
SBS2-1-00	TCS3-1-01	GA31-1-00	TSO-2-0	HP1-2-01E
SSP1-1-02	TCS4-1-01	GHW1-1-00	ASCD-5-2	LECS-4-1
FGS2-1-01	TCS5-1-00	GHW2-1-00	PSE-1-0	PUD-3-2
GMS1-1-00	TCS6-1-02		DC-3-2	TR4-2-00E
	TCS7-1-02			
	TCS8-1-00			
	TCS9-1-01			
	TCS11-1-01			

PREPARED BY:
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(405) 753-4200
C.A. #32 EXPIRES 06/30/18

Benjamin J. Knipstein 5-8-17
BENJAMIN J. KNIPSTEIN, P.E.
OKLA. REG. NO. 28081
SHEETS 5-6,25-60.
DATE

Shannon N. Hanks 5-8-17
SHANNON N. HANKS, P.E.
OKLA. REG. NO. 21141
SHEETS 1-4,7-24
DATE

CEC

REGISTERED PROFESSIONAL ENGINEER
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28081
OKLAHOMA

REGISTERED PROFESSIONAL ENGINEER
SHANNON N. HANKS
21141
OKLAHOMA

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

SWO NO. 4994(1) PROJ. NO. STP-219B(054)SS SHEET NO. 1

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