

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
CITY STREET
GRADE, DRAIN, BRIDGE, APPROACHES, & SURFACE PLANS
OKLAHOMA CITY BOULEVARD
OKLAHOMA COUNTY

CONTROL SECTION NO. 40-55-69
FEDERAL AID PROJECT NO. OKCY-XTWN (078)55
JOB PIECE NO. 17428(88)
BRIDGE "A" LOCATION NO. 55E1068N30700S0
NEW NBI NO. 31738
BRIDGE "B" LOCATION NO. 55E1068N30700N0
NEW NBI NO. 31737
WORK PACKAGE 5.1b

NOTE:
INDEX OF SHEETS AND
STANDARDS SHOWN ON SHEET No. 2
(INDEX OF SHEETS)

FOR SURVEY CONTROL DATA,
SEE SURVEY DATA SHEETS.

DESIGN DATA

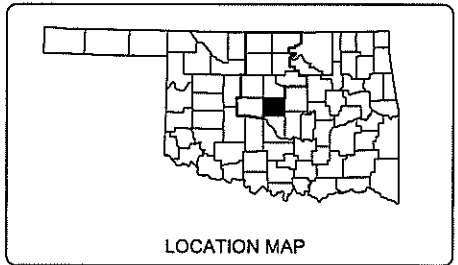
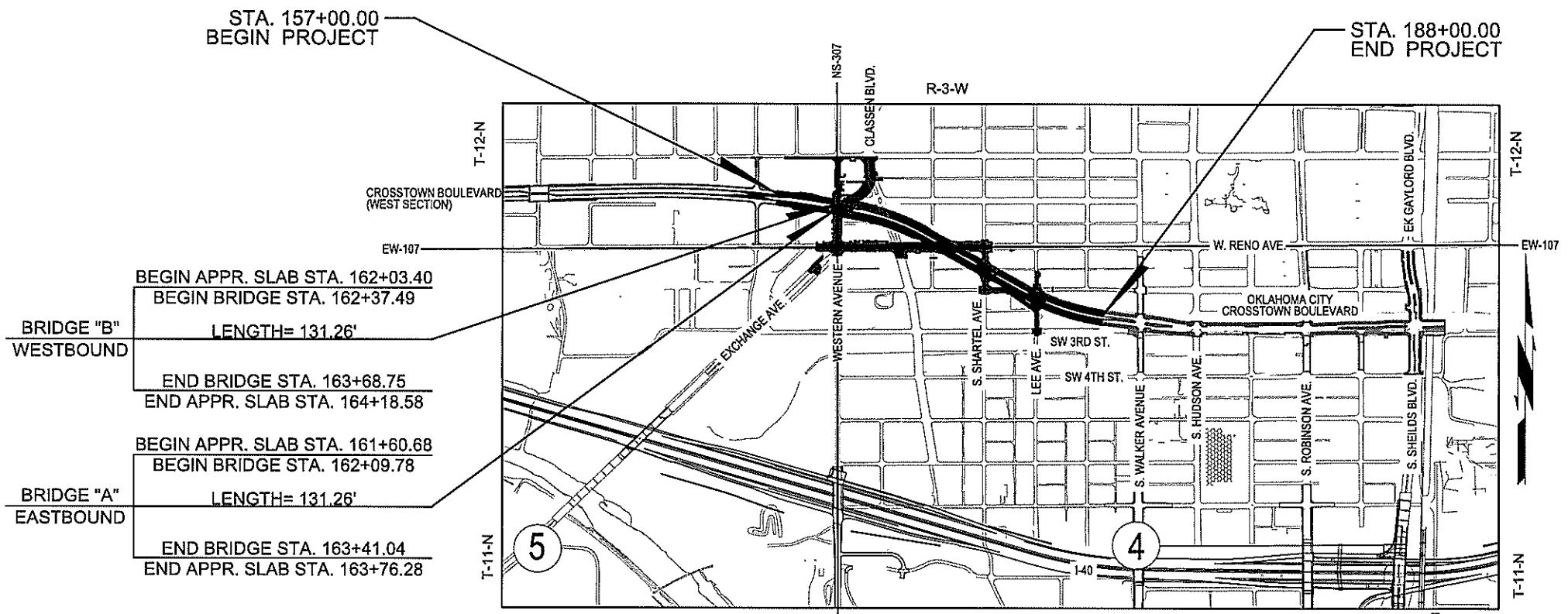
AADT 2015	=	22,360
AADT (DESIGN)	=	28,710
AADT 2035	=	34,194
K (DHV/ADT)	=	10%
DHV (2 WAY)	=	2,050
D	=	48%
T (% DHV)	=	4%
T (% ADT)	=	6%
T3(% ADT)	=	2%
V	=	35/25 MPH
20yrFLEX ESALS	=	2.93 M

SCALES

PLAN	1" = 30'
PROFILE HOR.	1" = 30'
VER.	1" = 5'
LAYOUT MAP	1" = 660'

CONVENTIONAL SYMBOLS

[Symbol]	ASPHALT OVERLAY - ROADWAY
[Symbol]	ASPHALT CONCRETE - ROADWAY
[Symbol]	ASPHALT CONCRETE - SHOULDER
[Symbol]	PAVEMENT REMOVAL
[Symbol]	PROPOSED ROAD
[Symbol]	RAILROADS
[Symbol]	RANGE & TOWNSHIP
[Symbol]	SECTION LINES
[Symbol]	QUARTER SECTION LINES
[Symbol]	FENCES
[Symbol]	GROUND LINE
[Symbol]	EXISTING ROADS
[Symbol]	BASE LINE
[Symbol]	GRADE LINES
[Symbol]	TELEPHONE & TELEGRAPH
[Symbol]	POWER LINES
[Symbol]	BUILDINGS
[Symbol]	OIL WELL
[Symbol]	DRAINAGE STRUCTURES - IN PLACE
[Symbol]	DRAINAGE STRUCTURES - NEW
[Symbol]	RIGHT-OF-WAY LINES - EXISTING
[Symbol]	RIGHT-OF-WAY LINES - NEW
[Symbol]	CONTROLLED ACCESS
[Symbol]	RIGHT-OF-WAY FENCE



PROJECT LENGTH BASED ON C.R.L. STATIONING

ROADWAY LENGTH	2968.74 FT.	0.562 MI.
BRIDGE LENGTH	131.26 FT.	0.025 MI.
PROJECT LENGTH	3100.00 FT.	0.587 MI.

MacArthur Associated Consultants
25 N.W. 14th Street - Edmond, OK 73112 - 405.448.2471
C.S.A. No. 000 Renewal Date: 06-30-17

Keith B. Angier
KEITH B. ANGIER, P.E. OKLA. REG. NO. 17097
DATE 8/17

REGISTERED PROFESSIONAL ENGINEER
KEITH B. ANGIER
17097
OKLAHOMA

CEC Infrastructure solutions

Benjamin J. Knipstein
BENJAMIN J. KNIPSTEIN, P.E. OKLA. LIC. NO. 28081
RESPONSIBLE FOR SHEETS 12-13 & SHEETS 73-136
DATE 8-11-17

REGISTERED PROFESSIONAL ENGINEER
BENJAMIN J. KNIPSTEIN
28081
OKLAHOMA

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____	DATE APPROVED _____
BY _____ CHIEF ENGINEER	BY _____ DIVISION ADMINISTRATOR
SWO 3367(1)	PROJECT NO. 17428(88) SHEET NO. 1

PRINT DATE: 8/11/2017 T:\1024-05D\Drawings\Roadway\1024-05-Title.dgn

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - ENGLISH GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 04, 2010.