

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
U.S. HIGHWAY
FEDERAL AID PROJECT NO. ACSTP-251B(058)SS
GRADE, DRAIN, SURFACE & INTERSECTION MODIFICATION
U.S. HIGHWAY 62
MUSKOGEE COUNTY
US-62 CONTROL SECTION NO. 62-51-06
SH-10 CONTROL SECTION NO. 10-51-28
STATE JOB NO. 27956(04)

OKLAHOMA DEPARTMENT OF TRANSPORTATION						
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	
6	OKLA.					
DESCRIPTION			REVISIONS			
REVISED PROJECT DESCR			DATE			
			7/28/16			

THE FOLLOWING STANDARD DRAWINGS WILL BE REQUIRED

ROADWAY	TRAFFIC		
TSC2-3-2	TCS1-1-01	PM6-1-00	FGS2-1-01
TSD-2-0	TCS2-1-00	MOD1-1-00	SPA1-1-00
TRFD-1-2	TCS3-1-01	MOD2-1-00	PMAP1-2-00
PSE-1-0	TCS4-1-01	MOD3-1-00	SA1-1-02
CET4S-3-2	TCS5-1-00	RSD1-1-00	ID1-1-00
CET4D-3-2	TCS6-1-02	RSD2-1-00	ID2-1-00
SMD-3-1	TCS7-1-02	WSD1-1-00	SNS1-1-02
SP1-4-1	TCS8-1-00	WSD2-1-00	TSSS1-1-00
SPB-1-4	TCS9-1-01	WSD3-1-00	PWD1-2-00
FHTMPP-1-0	TCS10-1-00	MSD1-1-00	CFD1-2-00
FHTCP-3-1	TCS11-1-01	MSD2-1-00	CC1-1-00
SB1-4-2	TCS14-1-00	MSD3-1-01	TSSP1-1-00
PUD-3-2	TCS15-1-00	MSD4-1-00	CCD1-1-00
MI-3-0	TCS18-1-01	MSD5-1-00	CCD2-1-00
RD1-3-1	TCS19-1-01	SBS1-1-00	PBD1-1-00
DC-3-2	TCS20-1-00	SBS2-1-00	GMF1-2-00
PDT-1-3	TCS21-1-02	SBS3-1-00	PPD1-2-00
RWF2-2-1	PM1-1-02	GMS1-1-00	HLD2-2-00
RWF3-2-2	PM2-1-01	SSP1-1-02	SPD1-1-00
SUEL1-3-2	PM3-1-02	SSA1-1-00	SCD1-1-00
SUEL4-3-2	PM4-1-01	SSA2-1-00	TEWD1-2-00
		FGS1-1-00	

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TRAFFIC DESIGN

PROJECT ENGINEER: J. SHORT, P.E.
SQUAD SUPERVISOR: S. WILLIAMS

US-62 DESIGN DATA

ADT 2016 = 24,832
ADT 2036 = 34,094
DHV (2-WAY) = 3,409
K (DHV/ADT) = 10%
D = 63%
T (% DHV) = 10%
T (% ADT) = 13%
Tj (% ADT) = 7%
V = 55MPH
20yr FLEXESALS = 3.84M

SH-10 DESIGN DATA

ADT 2016 = 2,388
ADT 2036 = 3,277
DHV (2-WAY) = 328
K (DHV/ADT) = 10%
D = 63%
T (% DHV) = 10%
T (% ADT) = 13%
Tj (% ADT) = 7%
V = 65MPH
20yr FLEXESALS = 2.07M

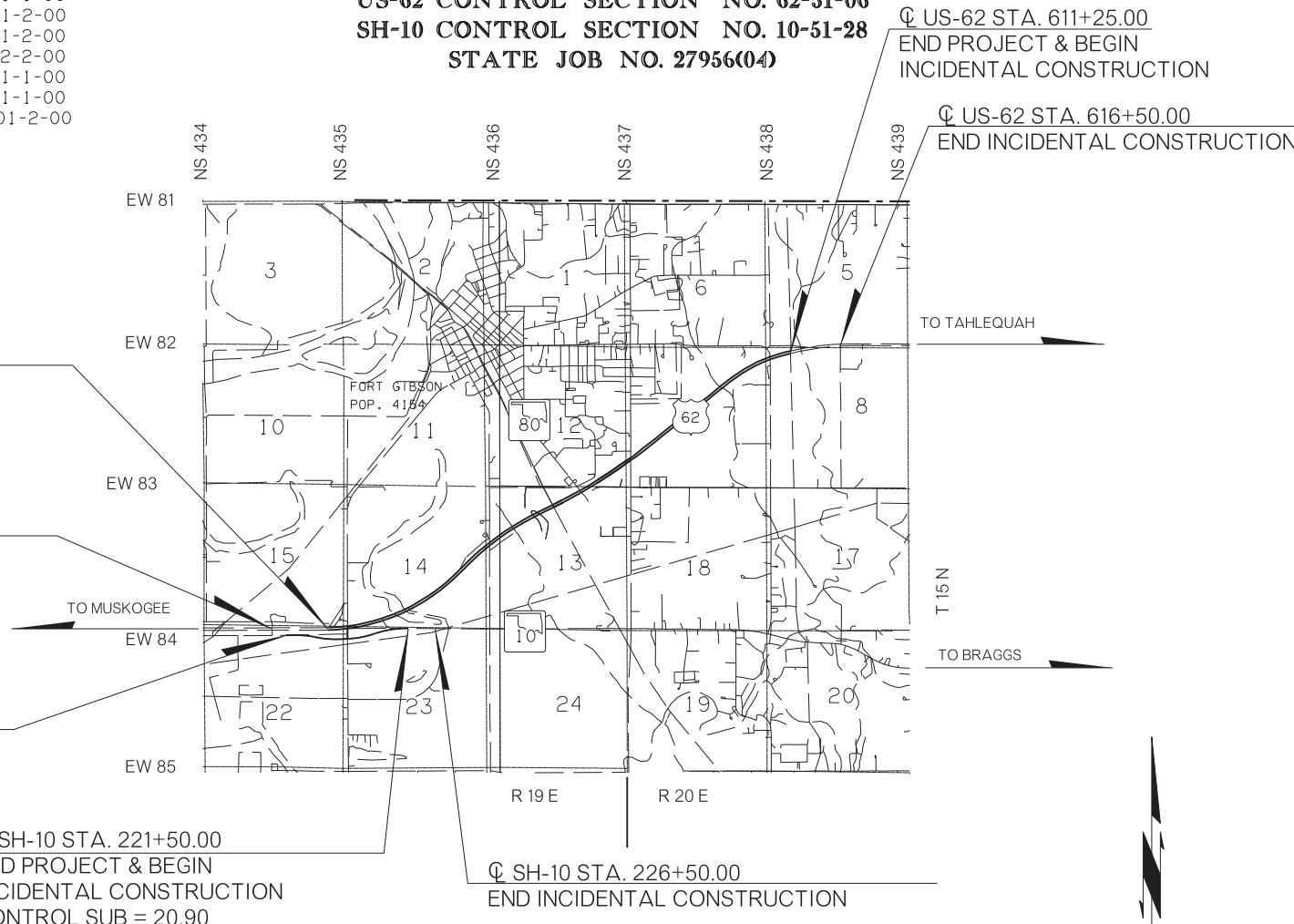
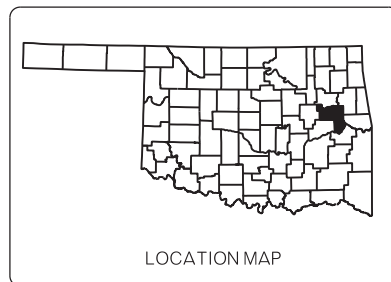
SCALES

PLAN	1" = 50'
PROFILE HOR.	1" = 50'
VER.	1" = 5'
LAYOUT MAP	1" = 3,275'

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

FOR SURVEY CONTROL DATA,
SEE SURVEY DATA SHEETS



US-62 ROADWAY LENGTH (EASTBOUND & WESTBOUND)	20,825.00 FT.	3.944 MI.
BRIDGE LENGTH	000.00 FT.	0.000 MI.
PROJECT LENGTH		3.944 MI.
SH-10 ROADWAY LENGTH	2,450.00 FT.	0.464 MI.
BRIDGE LENGTH	000.00 FT.	0.000 MI.
PROJECT LENGTH		0.464 MI.

TOTAL PROJECT LENGTH ----- 4.408 MI.

EQUATIONS : NONE

BRIDGE EXCEPTIONS: EB- \bar{C} SURVEY STA. 434+50.00 TO STA. 436+44.00
WB- \bar{C} SURVEY STA. 434+47.00 TO STA. 436+43.00
EB- \bar{C} SURVEY STA. 504+74.00 TO STA. 507+05.00
WB- \bar{C} SURVEY STA. 505+23.00 TO STA. 506+97.00

ROADWAY DESIGN

DESIGN SUPERVISOR: D. WINN
DESIGN MEMBERS: M. ABBOTT, J. JOSLIN, J. MILROY
A. LEBACK, K. NEFTZGER, N. CLARK
J. WILMOT, W. STRONG, S. MORENO

ENGINEERING MANAGER: S. BUCHANAN, P.E.

P.E. NO. : 27956(01)

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

PREPARED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

REGISTERED PROFESSIONAL ENGINEER
SETH BUCHANAN
28068
OKLAHOMA

DATE: 7/28/16

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR
SWO 4889(1)	PROJECT NO. ACSTP-251B(058)SS SHEET NO. 1