

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
STATE HIGHWAY

PROJECT NO. NHPP-270N(017)FP ΔΔ
GRADING, DRAINAGE, AND SURFACING
U.S. HIGHWAY 54

TEXAS COUNTY

STATE JOB NO. 20839(08)
CONTROL SECTION NO. 54-70-06

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	20839(08)	2017	0001	

DESCRIPTION	REVISIONS	DATE
REVISED PROJECT NUMBER Δ		09-19-2017
REVISED PROJECT NUMBER Δ		10-16-2017

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
0001	TITLE SHEET
0002 - 0003	TYPICAL SECTIONS (1) - (2)
AR01	SUMMARY OF PAY QUANTITIES (ROADWAY)
AT01	SUMMARY OF PAY QUANTITIES (TRAFFIC)
AT02	GENERAL NOTES (TRAFFIC)
AT03	UNION PACIFIC RAILROAD COMPANY NOTES
AT04	SECTION 404 PERMIT COMPLIANCE
AX01 - AX03	SUMMARY SHEET (1) - (3)
R001	DRAINAGE STRUCTURE DESIGN RECORD AND SUMMARY OF DRAINAGE STRUCTURES
R002	DRAINAGE AREA MAP
R003	STORMWATER MANAGEMENT PLAN
R004 - R008	EROSION CONTROL PLAN (1) - (5)
R009	MASS HAUL DIAGRAM
R010 - R013	GEOMETRIC DATA SHEETS (1) - (4)
R014 - R019	REMOVAL PLAN (1) - (6)
R020 - R032	PLAN AND PROFILE SHEETS (1) - (13)
R033 - R037	RIGHT OF WAY DETAIL (1) - (5)
R038 - R042	DRAINAGE DETAIL (1) - (5)
R043	CONSTRUCTION SEQUENCE TYPICAL SECTIONS
R044 - R058	CONSTRUCTION SEQUENCE SHEETS (1) - (15)
T001	ADVANCED WARNING SIGNAGE
T002 - T007	SIGNING AND STRIPING PLAN (1) - (6)
T008 - T009	PEDESTRIAN SIGNAL PLAN (1) - (2)
S001 - S022	SURVEY DATA SHEETS (1) - (22)
X001 - X060	CROSS SECTIONS

SEE SURVEY DATA SHEETS
FOR SURVEY CONTROL DATA

DESIGN DATA

2017 AADT	= 7,180
2037 AADT	= 9,980
DHV (2 WAY)	= 970
K	10%
D	55%
T (%DHV)	33%
T (%AADT)	31%
T3	30%
V	= 45 MPH (URBAN/ CURB SECTION) = 65 MPH (RURAL SECTION)
FLEX ESALS (20 YR.)	= 19.0M

STA. 659+58.00
END INCIDENTAL
CONSTRUCTION

ROADWAY

SSS-1-1	SPB-1-4
TSC1-3-2	FHTMPP-1-0
TSD-2-0	FHTCP-3-1
ASCD-5-2	SBI-4-2
PSE-1-0	MI-3-0
WCR-3-1	RDI-3-1
TWD-1-0	DC-3-2
CET4S-3-2	PDT-1-3
CET6S-3-2	RWF2-2-1
SSCD-3-1	SUEL1-3-2
CI-1-2	SUEL2-3-2
SPI-4-1	SUEL4-3-2

STANDARDS:

BRIDGE

RCB-C2-8(2-12)-01E
RCB-E2-H4-0-1-01E
RCB-CW2-D4-0-01E
RCB-C1-8(2-14)-01E
RCB-E1-H3-0-1-01E
RCB-CW1-D4-0-01E

TRAFFIC

PM1-1-02	SBS4-1-00	SCD1-1-00
PM3-1-02	GMS1-1-00	TEWD1-2-00
PM5-1-00	GMS2-1-00	TCS1-1-01
PM6-1-00	SSP1-1-02	TCS2-1-00
PM8-1-00	SSA1-1-00	TCS3-1-01
DU1-1-00	SSA2-1-00	TCS4-1-01
DU2-1-00	FGS1-1-00	TCS5-1-00
RSD1-1-00	PMAP1-2-00	TCS6-1-02
RSD2-1-00	SA1-1-02	TCS7-1-02
SNS1-1-02	SNS1-1-02	TCS8-1-00
WSD1-1-00	PWD1-2-00	TCS9-1-01
WSD2-1-00	CFD1-2-00	TCS10-1-00
WSD3-1-00	CC1-1-00	TCS11-1-01
SZSD1-1-00	TSSP1-1-00	TCS14-1-00
MSD1-1-00	RWSF1-1-01	TCS19-1-01
MSD3-0-01	RS1-2-00	TCS20-1-00
MSD4-1-00	CCD1-1-00	TCS21-1-02
SIS5-1-00	PBD1-1-00	TCS24-1-02
SBS1-1-00	HLD1-2-00	TCS25-1-00
SBS2-1-00		

SCALES DRAINAGE DETAILS

PLAN	1" = 50'	PLAN	1" = 30'
PROFILE HOR.	1" = 50'	PROFILE HOR.	1" = 30'
VER.	1" = 5'	VER.	1" = 3'
LAYOUT MAP	1" = 3000'		

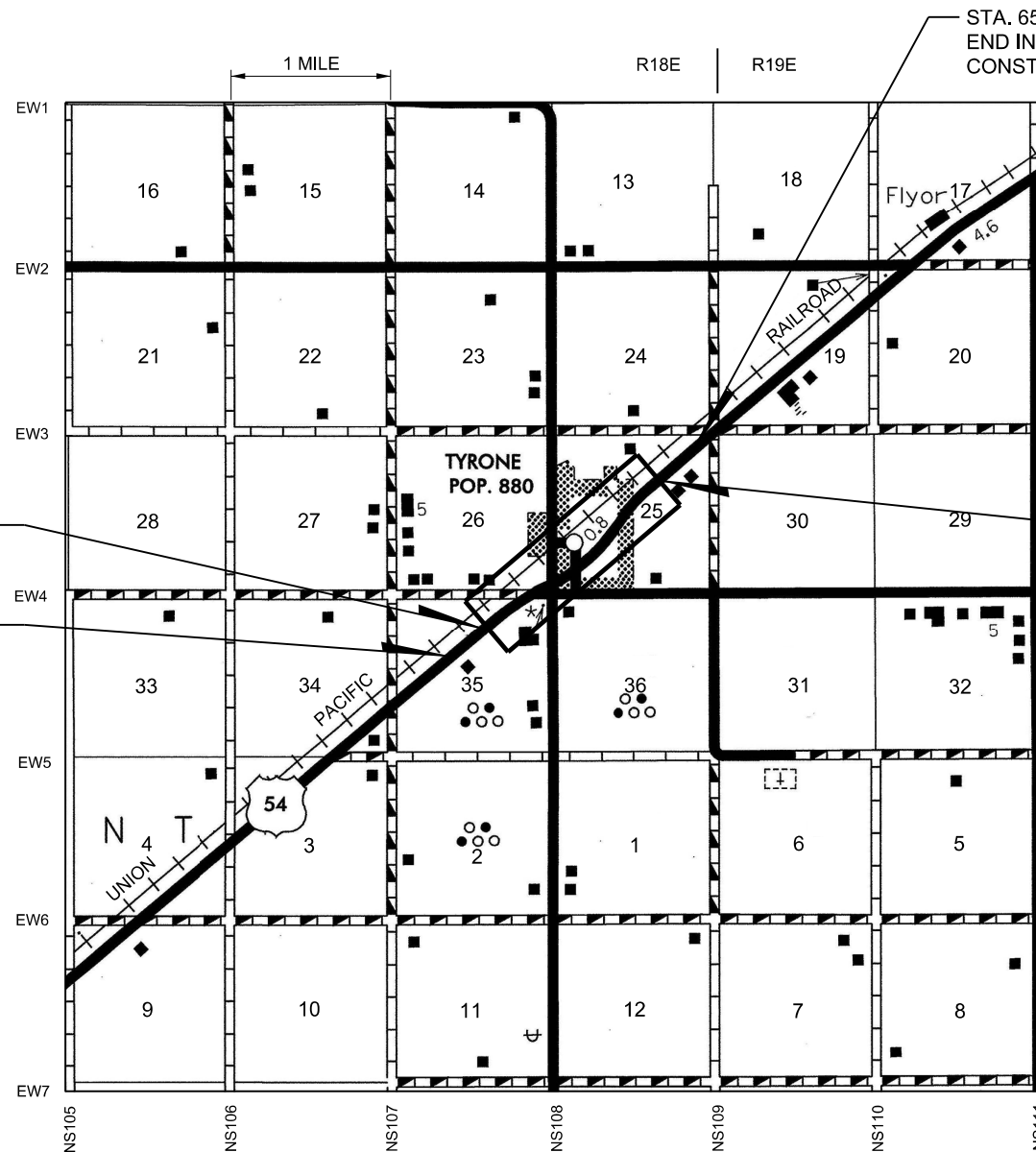
CONVENTIONAL SYMBOLS

	ASPHALT PAVEMENT - ROADWAY
	ASPHALT PAVEMENT - SHOULDER & DRIVEWAY
	CONCRETE PAVEMENT - DRIVEWAY
	TRAFFIC BOUND SURFACE COURSE
	TEMP. PAVING
	PAVEMENT REMOVAL
	EARTH CHANNEL
	PAVED DITCH
	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

STA. 541+39.08 BEGIN CONST.
J/P NO. 20839(08)
SUBSECTION NO. 8.90

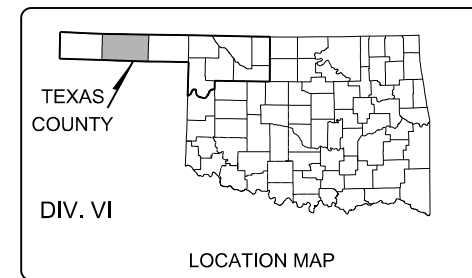
STA. 534+20.00
BEGIN INCIDENTAL
CONSTRUCTION

STA. 649+17.58 END CONST.
J/P No. 20839(08)



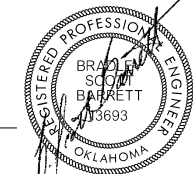
ROADWAY LENGTH	10778.5 FT.	2.041 MI.
BRIDGE LENGTH	0.000 FT.	0.000 MI.
PROJECT LENGTH		2.041 MI.

EQUATIONS : None
EXCEPTIONS : None



PREPARED BY:
JACOBS ENGINEERING GROUP INC.
FOR THE OKLAHOMA
DEPARTMENT OF TRANSPORTATION

DATE SEPTEMBER 19, 2017
OKLA. REG. NO. 13693



OKLAHOMA
DEPARTMENT OF TRANSPORTATION

DATE APPROVED _____

BY _____

CHIEF ENGINEER

SWO 4251(1)

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

DATE APPROVED _____

BY _____

DIVISION ADMINISTRATOR

PROJECT NO. NHPP-270N(017)FP SHEET NO. 0001

TEXAS COUNTY

PRINT DATE: 10/16/2017 F:\job\WKM2300-EC1335\TEXAS\CO\700CADD\702CIVIL\WKM2300_The.dgn