

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

Alignment Report

Project Name: SWO4600_1_V1
 Description: U.S. 270 Highway
 Horizontal Alignment Name: A001
 Description: Centerline of Survey U.S. 270
 Style: Centerline

	STATION	EASTING	NORTHING
Element: Linear			
POB (300)	100+00.00	1716342.28397	396639.47215
PC (321)	242+54.91	1726208.65424	386350.78672
Tangent Direction:	S 43°47'58.70" E		
Tangent Length:	14254.91		
Element: Curve			
PC (321)	242+54.91	1726208.65424	386350.78672
PI (325)	245+81.81	1726435.16500	386114.58052
PT (326)	249+08.72	1726633.30707	385854.11899
Curve Length	653.814		
Radius	5729.578		
Delta	06°32'17.30"		
Tangent Direction:	S 43°47'58.70" E		
Tangent Length:	327.26		
Element: Linear			
PT (326)	249+08.72	1726633.30707	385854.11899
PI (345)	354+83.24	1733035.68859	377438.06665
Tangent Direction:	S 37°15'41.40" E		
Tangent Length:	10574.52		
Element: Linear			
PI (345)	354+83.24	1733035.68859	377438.06665
PC (360)	465+43.58	1739728.48639	368632.51629
Tangent Direction:	S 37°14'14.01" E		
Tangent Length:	11060.35		
Element: Curve			
PC (360)	465+43.58	1739728.48639	368632.51629
PI (361)	466+93.89	1739819.44306	368512.84684
PT (362)	468+44.19	1739907.22949	368390.83277
Curve Length	300.608		
Radius	11459.156		
Delta	01°30'10.95"		
Tangent Direction:	S 37°14'14.01" E		
Tangent Length:	150.31		

Element: Linear
 PT (362) 468+44.19 1739907.22949 368390.83277
 POE (369) 529+04.79 1743446.77344 363471.23260
 Tangent Direction: S 35°44'03.06" E
 Tangent Length: 6060.60

Horizontal Alignment Name: A002
 Description: Centerline of Survey U.S. 270 & S.H. 51 Interchange North
 Style: Centerline

	STATION	EASTING	NORTHING
Element: Curve			
PC (320)	233+83.28	1725605.37171	386979.89186
PI (325)	245+81.81	1726435.16500	386114.58052
PT (329)	256+54.16	1727633.93617	386098.20137
Curve Length	2270.878		
Radius	2864.789		
Delta	45°25'03.22"		
Tangent Direction:	S 43°47'58.70" E		
Tangent Length:	1198.88		

Horizontal Alignment Name: A003
 Description: Centerline of Survey U.S. 270 & S.H. 51 Interchange South
 Style: Centerline

	STATION	EASTING	NORTHING
Element: Curve			
PC (331)	257+57.35	1725605.37171	386979.89186
PI (325)	245+81.81	1726435.16500	386114.58052
PT (328)	244+76.91	1727633.93617	386098.20137
Curve Length	1280.443		
Radius	572.958		
Delta	45°25'03.22"		
Tangent Direction:	N 37°15'41.40" W		
Tangent Length:	1175.89		

Horizontal Alignment Name: A004
 Description: Centerline of Survey S.H. 51
 Style: Centerline

	STATION	EASTING	NORTHING
Element: Linear			
POB (324)	10+00.00	1726422.72516	386114.75049
POE (330)	30+00.00	1728422.53850	386087.42648
Tangent Direction:	S 89°13'01.92" E		
Tangent Length:	2000.00		

PLS	KH		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION SURVEY DATA SHEET SWO 4600 (1) PROJECT NO. 17671(34) SHEET NO. 10
DRAWN	CF,SK		
CHECKED	SS		
APPROVED	KH		
CREW	JH,SA,BH,DR		