

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	27050(04)	2017		

DESCRIPTION	REVISIONS	DATE

C001 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
	POB 388+88.25	1849343.53	474985.83									
	PI 415+26.25	1851981.51	474978.85									
	POE 423+88.25	1852843.40	474964.94									

C002 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
C002 - 1	PC 23+87.34	1852010.11	472074.61	7°26'15"	0°48'11"	7133.78	463.66	926.02	15.05			
	PI 28+51.00	1852009.82	472538.27									
	PT 33+13.36	1851949.51	472997.99									
C002 - 2	PC 35+60.79	1851917.32	473243.32	9°12'50"	0°40'00"	8594.37	692.53	1382.08	27.86			
	PI 42+53.32	1851827.24	473929.97									
	PT 49+42.87	1851848.28	474622.18									
C002 - 3	PC 65+15.49	1851896.03	476194.08	12°26'58"	2°00'33"	2851.62	311.03	619.62	16.91			
	PI 68+26.52	1851905.48	476504.97									
	PT 71+35.11	1851981.72	476806.51									
	POE A80+99.05	1852219.66	477739.41									

C008 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
C008 - 1	PC 51+59.40	1851914.17	472772.49	9°34'54"	1°32'03"	3734.83	313.02	624.58	13.09			
	PI 54+72.42	1851913.97	473085.51									
	PT 57+83.98	1851861.67	473394.13									
C008 - 2	PC 59+21.14	1851838.75	473529.37	16°43'37"	2°29'58"	2292.34	337.01	669.23	24.64			
	PI 62+58.15	1851782.45	473861.64									
	PT 65+90.37	1851632.89	474163.65									
C008 - 3	PC 68+87.79	1851500.90	474430.18	26°28'49"	5°59'51"	955.35	224.78	441.53	26.09			
	PI 71+12.57	1851401.15	474631.61									
	PT 73+29.32	1851401.68	474856.39									
	POE 74+53.31	1851401.98	474980.38									

C009 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
C009-1	PC 39+22.64	1851991.37	473610.35	26°46'24"	4°30'01"	1273.13	302.99	594.91	35.56			
	PI 42+25.63	1851940.75	473909.08									
	PT 45+17.55	1852030.12	474198.59									
C009-2	PC 47+38.30	1852095.23	474409.52	9°49'09"	4°00'14"	1430.99	122.92	245.24	5.27			
	PI 48+61.22	1852131.49	474526.97									
	PT 49+83.54	1852147.18	474648.89									
	POE 53+12.85	1852189.23	474975.50									

C010 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
C010-1	PC 0+00.00	1851808.51	474073.81	80°31'31"	28°38'51"	200.00	169.39	281.09	62.09			
	PI 1+69.39	1851791.13	474242.31									
	PT 2+81.09	1851622.07	474252.90									
	POE 3+15.61	1851587.62	474255.06									

C011 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
C011-1	PC 45+63.58	1851524.20	474441.72	120°00'34"	76°09'47"	75.23	130.32	157.57	75.25			
	PI 46+93.90	1851582.04	474324.93									
	PT 47+21.15	1851654.24	474433.42									
C011-2	PC 47+66.57	1851679.41	474471.23	31°54'20"	8°00'00"	716.21	204.73	398.82	28.69			
	PI 49+71.30	1851792.84	474641.67									
	PT 51+65.39	1851799.06	474846.30									

C012 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
	POB 53+35.59	1852189.23	474975.50									
C012-1	PC 56+23.06	1852225.94	475260.61	6°10'46"	3°00'08"	1908.46	103.02	205.83	2.78			
	PI 57+26.07	1852239.09	475362.78									
	PT 58+28.89	1852241.17	475465.78									
C012-2	PC 70+00.83	1852264.83	476637.48	9°05'30"	4°30'11"	1272.37	101.16	201.90	4.02			
	PI 71+01.99	1852266.88	476738.62									
	PT 72+02.72	1852252.91	476838.81									
C012-3	PC 74+78.86	1852214.79	477112.30	17°36'41"	5°00'26"	1144.28	177.26	351.73	13.65			
	PI 76+56.12	1852190.32	477287.87									
	PCC 78+30.59	1852220.12	477462.60									
C012-4	PCC 78+30.59	1852220.12	477462.60	3°21'48"	2°00'11"	2860.32	83.98	167.91	1.23			
	PI 79+14.56	1852234.23	477545.39									
	PT 79+98.49	1852253.18	477627.20									

C024 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
	POB 392+88.25	1849743.66	475035.12									
C024-1	PC 401+82.65	1850637.78	475057.60	37°21'36"	7°30'02"	763.90	258.27	498.10	42.48			
	PI 404+40.92	1850895.97	475064.09									
	PT 406+80.76	1851097.24	475225.93									
C024-2	PC 412+36.88	1851530.65	475574.40	49°27'35"	6°54'22"	829.65	382.12	716.18	83.77			
	PI 416+19.00	1851828.45	475813.84									
	PRC 419+53.06	1851840.06	476195.78									
C024-3	PRC 419+53.06	1851840.06	476195.78	8°58'10"	1°58'14"	2907.65	228.06	455.19	8.93			
	PI 421+81.12	1851846.98	476423.73									
	PT 424+08.25	1851889.36	476647.82									
	POE 427+10.01	1851968.98	476938.89									

C025 SURVEY												
CURVE NO.	STATION	CARDINAL POINTS		CURVE DATA						SUPER ELEVATION		
		X (EAST) (FEET)	Y (NORTH) (FEET)	DELTA	DEGREE	RADIUS (FEET)	TANGENT (FEET)	ARC LENGTH (FEET)	EXTERNAL (FEET)	V (MPH)	E (FT/FT)	S (FT/FT)
	POB 0+00.00	1851401.98	474980.38									
	POE 19+20.02	1851406.51	476900.39									

DESIGN	AKS	6/12	1-44 & US-62 INTERCHANGE
DRAWN	BWH	6/12	
CHECKED	JES	5/16	
APPROVED			
SQUAD	GARVER		

**GEOMETRIC LAYOUT
(SHEET 8 OF 8)**

STATE JOB NO. 27050(04) SHEET NO. 33