Profile of the Atchison Topeka and Santa Fe Railroad System

Compiled in the Office of the Chief Engineer at Topeka Kansas

Horizontal Scale 20 Miles to 1 Inch — Vertical Scale 400 Ft. to 1 Inch

January First 1884

Chas. Paul Jr. Princ. Asst. Engr.

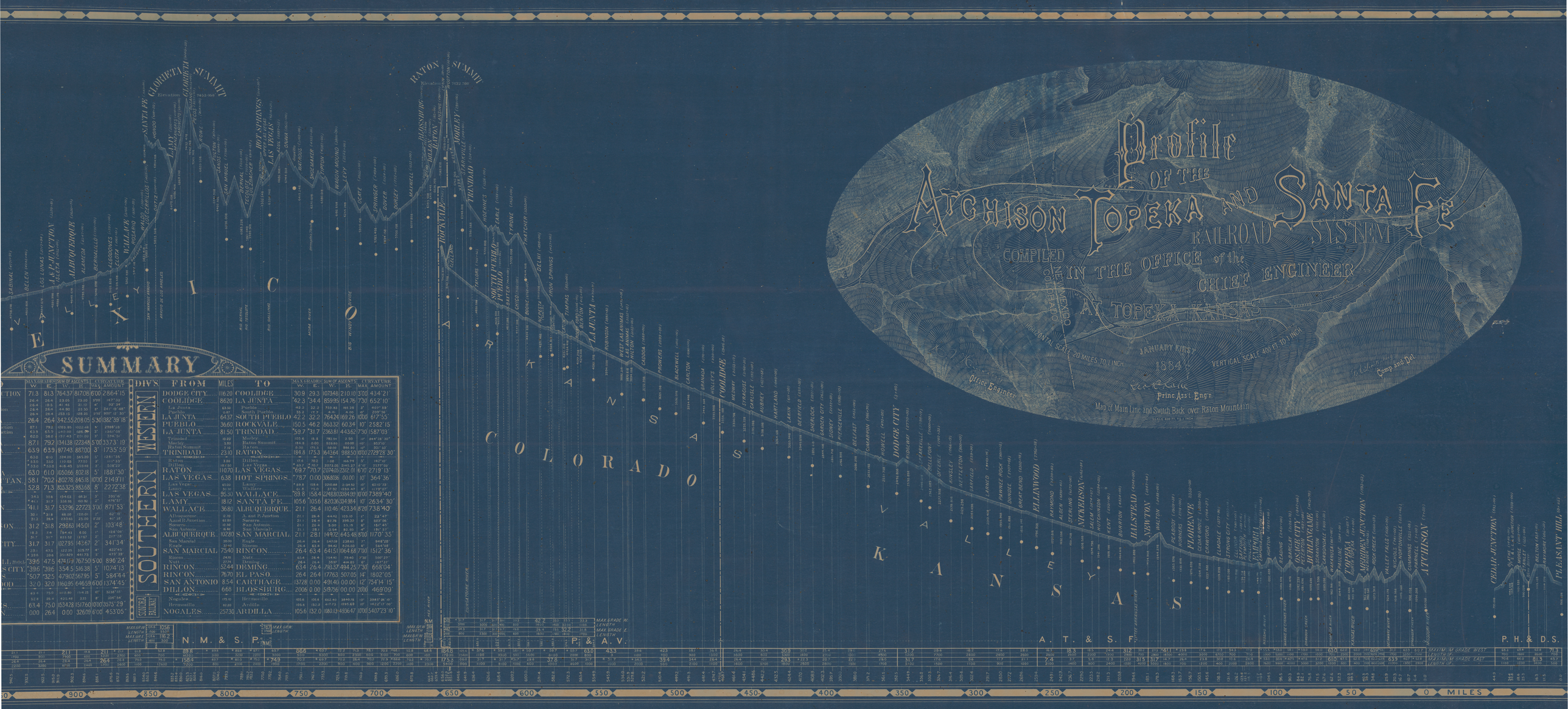
Map of Main Line and Switch Back over Raton Mountain

Scale 400 Ft. to 1 Inch

Chas. Paul Jr. Chief Engineer — Chas. Paul Jr. Comp. and Dr.

SUMMARY

DIV'S	FROM	MILES	TO	MAX GRADES W.	MAX GRADES E.	SUM OF ASCENTS W.	SUM OF ASCENTS E.	CURVATURE MAX.	CURVATURE AMOUNT
SOUTHERN WESTERN	DODGE CITY	116.20	COOLIDGE	30.9	29.3	107348	210.10	3°00'	434°21'
	COOLIDGE	86.20	LA JUNTA	42.3	34.4	85995	154.76	7°30'	652°10'
	La Junta	63.30	Pueblo	42.2	32.2	71243	145.28	5°	497°53'
	Pueblo	63.30	South Pueblo	13.3	17.7	4.42	4.42	0°	202°56'
	LA JUNTA	66.57	SOUTH PUEBLO	42.2	32.2	76424	160.26	10°00'	617°55'
	PUEBLO	36.60	ROCKVALE	150.5	46.2	86332	60.34	10°	2582°15'
	LA JUNTA	81.50	TRINIDAD	59.7	31.7	23638	443.62	7°30'	1587°03'
	Trinidad	10.20	Morley	105.6	18.8	783.94	2.50	10°	844°28'30"
	Morley	3.80	Raton Summit	184.8	0.00	52.80	5.00.00	10°	853°10'
	Raton Summit	7.20	Raton	0.00	175.2	52.80	986.00	10°	853°10'
	TRINIDAD	23.10	RATON	184.8	175.3	643.64	938.50	10°00'	2729°28'30"
	Raton	3.80	Dillon	17.4	16.2	1.08	46.74	4°30'	192°0'
	Dillon	19.30	Las Vegas	49.7	49.7	2073.06	2245.27	4°30'	2377°00
	RATON	110.70	LAS VEGAS	69.7	70.7	2074.05	2312.01	6°10'	2719°13'
	LAS VEGAS	6.38	HOT SPRINGS	78.7	0.00	3068.06	00.00	10°	364°36'
	Las Vegas	45.00	Lamy	108.6	108.6	2200.88	2.28.50	10°	6010°00
	Lamy	30.30	Wallace	61.8	75.0	27.90	1250.49	8°	1178°00'
	LAS VEGAS	95.30	WALLACE	109.8	158.4	2246.80	3334.89	10°00'	7389°40'
	LAMY	18.12	SANTA FE	105.6	105.6	2026.04	984.84	10°	2634°30"
	WALLACE	36.80	ALBUQUERQUE	21.1	26.4	110.46	423.34	8°20'	738°40"
	Albuquerque	0.70	A. and P. Junction	21.1	26.4	44.42	103.10	1°	23°47'
	A. and P. Junction	62.80	Socorro	21.1	26.4	87.76	356.35	8°	603°06
	Socorro	10.30	San Antonio	21.1	26.4	5.00	33.15	6°	167°45'
	San Antonio	9.90	San Marcial	21.1	28.1	2.54	81.91	6°	79°13'
	ALBUQUERQUE	102.80	SAN MARCIAL	21.1	28.1	149.72	645.48	8°00'	1170°35'
	San Marcial	38.00	Engle	26.4	26.4	54.09	238.65	7°	948°28'
	Engle	3.40	Rincon	26.4	26.4	3.60	9.24.00	4°	38°48'
	SAN MARCIAL	75.40	RINCON	26.4	63.4	641.51	1064.18	7°00'	1512°36'
	Rincon	24.70	Nutt	63.4	26.4	154.40	79.40	7°30'	500°27'
	Nutt	22.30	Deming	26.4	26.4	38.0	44.85	6°	160°37'
	RINCON	52.44	DEMING	63.4	26.4	793.37	494.25	7°30'	668°04'
	RINCON	76.70	EL PASO	26.4	26.4	177.63	507.05	14°	1802°05'
	SAN ANTONIO	8.54	CARTHAGE	137.8	0.00	491.40	00.00	12°	754°14' 15"
	DILLON	6.68	BLOSSBURG	200.6	0.00	519.56	00.00	20°00'	469°09'
	Nogales	175.10	Hermosillo	105.6	105.6	662.40	1849.78	10°	3985°16' 10"
	Hermosillo	62.20	Avalita	105.6	132.0	447.72	1095.69	10°	1452°5' 00"
	NOGALES	237.30	ARDILLA	105.6	132.0	1080.13	1936.47	10°00'	5407°23' 10"


Colorado
Kansas
Valley
Kansas
Raton
Summit
Trinidad
Dodge City
Coolidge
Pueblo
Rockvale
Las Vegas
Hot Springs
Wallace
Albuquerque
Santa Fe
Lamy
Socorro
San Marcial
Rincon
Deming
El Paso
Carthage
Blossburg
Ardilla
Nogales
Hermosillo
Avalita
Cedar Junction
Pleasant Hill
Atchison
Topeka
Lawrence
Kansas City
Florence
Dillon
Las Animas
La Junta
Pueblo
Trinidad
Raton
Max. Grade W.
Length
Max. Grade E.
Length
Max. Grade
Length
Max. Grade
Length
Max. Grade