CURVE DATA									
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA					PI COORDINATES		
		Δ		RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
40-1	US-40	10°12'14"	LT	3500.00 LT	623.33	312.49	3+70.99	7235933.012	1772665.513
40-2	US-40	06°39'23"	RT	5100.00 RT	592.5	296.58	57+62.19	7239347.065	1776839.735
40-3	US-40	07°47'32"	LT	5100.00 LT	693.59	347.33	72+35.09	7240099.941	1778106.456
40-4	US-40	28°59'33"	RT	3900.00 RT	1973.46	1008.34	97+78.64	7241684.606	1780097.418
40-5	US-40	15°42'08"	LT	4100.00 LT	1123.63	565.36	125+62.48	7242152.413	1782885.501
40-6	US-40	97°45'58"	RT	1950.00 RT	3327.36	2233.99	182+80.85	7244592.634	1788064.894
40-7	US-40	42°40'48"	LT	1910.00 LT	1422.77	746.21	213+04.50	7240620.237	1789314.405
40-8	US-40	35°47'02"	LT	2350.00 LT	1467.69	758.67	241+22.67	7239182.475	1791818.872
40-9	US-40	25°31'31"	LT	1350.00 LT	601.42	305.79	262+40.68	7239406.224	1793974.946
40-10	US-40	37°22'59"	RT	1960.00 RT	1278.82	663.1	276+70.80	7240157.690	1795203.633
40-11	US-40	38°54'16"	LT	1520.00 LT	1032.1	536.83	307+32.90	7239836.268	1798296.464
40-12	US-40	36°22'07"	RT	2260.00 RT	1434.54	742.36	326+63.94	7240909.798	1799951.371
40-13	US-40	39°22'06"	LT	1610.00 LT	1106.25	575.96	344+67.11	7240799.968	1801801.475
40-14	US-40	23°48'27"	RT	2000.00 RT	831.03	421.6	358+76.93	7241654.897	1802979.432

CURVE DATA									
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA					PI COORDINATES		
		Δ		RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
40-15	US-40	32°56'43"	RT	2750.00 RT	1581.26	813.16	391+60.41	7242349.308	1806201.089
40-16	US-40	20°13'36"	LT	2750.00 LT	970.81	490.51	410+50.99	7241662.530	1808010.797
40-17	US-40	19°55'39"	LT	2610.00 RT	907.76	458.51	440+80.68	7241633.083	1811050.555
40-18	US-40	27°28'33"	LT	3710.00 LT	1779.1	907	469+21.39	7242578.440	1813739.163
40-19	US-40	46°28'54"	RT	3840.00 RT	3115.23	1649.06	525+80.73	7246731.680	1817634.667
40-20	US-40	20°54'49"	RT	3000.00 RT	1095.03	553.68	604+50.79	7246785.530	1825687.426
40-21	US-40	05°40'03"	LT	11800.00 LT	1167.2	584.08	641+60.25	7245505.124	1829181.467

NO.	DATE	APPROVED BY	REMARKS

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
QC CHECKED BY MGG
DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

PROJECT: JURASSIC US-40 FIBER OPTICS - SEGMENT B
PROJECT NUMBER: F-0040(249)51
PIN 22898
HORIZONTAL CONTROL

SHEET NO. HC-01

22898_HC-01.dgn
11/20/2025

CURVE DATA									
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA					PI COORDINATES		
		Δ		RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
40-22	US-40	23°50'07"	RT	3800.00 RT	1580.82	802.01	748+07.65	7243234.724	1839584.954
40-23	US-40	92°41'21"	LT	1280.00 LT	2070.69	1341.53	777+74.92	7241488.794	1842012.788
40-24	US-40	70°19'56"	RT	5420.00 RT	6653.21	3818.59	837+90.06	7247046.513	1845623.213
40-25	US-40	19°23'29"	RT	5800.00 RT	1962.97	990.96	1026+29.84	7242426.971	1864901.211
40-26	US-40	30°16'30"	LT	11500.00 LT	6076.57	3111.01	1141+13.48	7236181.892	1874560.849
40-27	US-40	33°17'15"	RT	5700.00 RT	3311.57	1703.98	1309+92.57	7235407.163	1891567.747
40-28	US-40	29°32'02"	LT	6000.00 LT	3092.78	1581.56	1350+17.06	7232991.036	1894906.018
40-29	US-40	13°32'47"	LT	11300.00 LT	2671.67	1342.1	1406+27.00	7232360.494	1900551.205

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
QC CHECKED BY MGG
12/1/25
DATE

APPROVED

PROFESSIONAL ENGINEER

PROJECT: JURASSIC US-40 FIBER OPTICS - SEGMENT B

PROJECT NUMBER: F-0040(249)51 PIN 22898

HORIZONTAL CONTROL

SHEET NO. HC-02

22898_HC-02.dgn
11/20/2025

CURVE DATA									
CURVE ID	ALIGNMENT	HORIZONTAL CURVE DATA					PI COORDINATES		
		Δ		RADIUS	LENGTH	TANGENT	PI STATION	NORTHING	EASTING
40-30	US-40	25°46'23"	LT	6000.00 LT	2698.95	1372.7	1471+31.08	7233171.835	1907017.091
40-31	US-40	37°04'32"	RT	5900.00 RT	3817.84	1978.44	1512+21.53	7235420.419	1910489.527
40-32	US-40	07°39'23"	LT	11000.00 LT	1469.94	736.07	1543+50.88	7235183.868	1913749.351
40-33	US-40	34°27'09"	RT	3790.00 RT	2278.97	1175.11	1568+30.26	7235335.628	1916226.284
40-34	US-40	20°32'38"	LT	5600.00 LT	2007.94	1014.87	1595+64.54	7233892.923	1918632.433
40-35	US-40	40°33'37"	RT	2700.00 RT	1911.36	997.70	1639+74.18	7233092.773	1922991.026
40-36	US-40	42°10'05"	LT	2880.00 LT	2119.60	1110.38	1665+33.14	7231039.855	1924655.646
40-37	US-40	09°22'20"	LT	11600.00 LT	1897.47	950.86	1718+75.68	7230207.533	1930035.340
40-38	US-40	11°48'01"	LT	11300.00 LT	2327.26	1167.76	1804+16.02	7230296.591	1938579.460
40-39	US-40	31°11'18"	RT	3820.00 RT	2079.38	1066.14	1832+32.61	7230905.824	1941337.829
40-40	US-40	19°39'33"	LT	6000.00 LT	2058.71	1039.58	1857+58.87	7230077.476	1943780.367

REVISIONS

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12/1/25
DATE

APPROVED
PROFESSIONAL ENGINEER

PROJECT: JURASSIC US-40 FIBER OPTICS - SEGMENT B
PROJECT NUMBER: F-0040(249)51 PIN 22898
HORIZONTAL CONTROL

SHEET NO. HC-03

11/20/2025 22898_HC-03.dgn