PIN 22898 - JURASSIC US-40 FIBER OPTICS SEGMENT B - MISCELLANEOUS SUMMARY

STATION	ALIGNMENT	STATION	ALIGNMENT	ON THE JOB TRAINING	MOBILIZATION	PUBLIC INFORMATION SERVICES	TRAFFIC CONTROL	SURVEY	PORTABLE VARIABLE MESSAGE SIGNS	TEST-HOLE UTILITY (CONTINGENCY)	REMOVE CONDUIT	BRIDGE ATTACHED CONDUIT	LANDSCAPE RESTORATION	BROADCAST SEED (PLAN QUANTITY)	NOTES / COMMENTS
				HOUR	LUMP	LUMP	LUMP	LUMP	DEVICE DAY	EACH	FT	FT	SQ.FT.	ACRE	
N/A	PROJECTWIDE	N/A	PROJECTWIDE	757	1	1	1	1	12	20	1636	1636	4000	5	
TOTALS				**757**	**1**	**1**	**1**	**1**	**12**	**20**	**1636**	**1636**	**4000**	**5**	

*FOR INFORMATION ONLY

SUMMARY OF ITEMS

BID ITEM	SPEC	PAY ITEM NAME	UNIT	QTY
1	00830701U	On the Job Training	HOUR	757
2	15017010	Mobilization	LUMP	1
3	15407010	Public Information Services	LUMP	1
4	1554700*	Traffic Control	LUMP	1
5	01557700*	Portable Variable Message Signs	Device Day	12
6	17217010	Survey	LUMP	1
7	02216700P	Test-Hole Utility (Contingency)	Each	20
8	02221701*	Remove Conduit	ft	1636
9	02832700*	Bridge Attached Conduit	ft	1636
10	02916700*	Landscape Restoration	Sq Ft	4000
11	02922703P	Broadcast Seed (Plan Quantity)	Acre	5
12	13551700*	Building Entrance	Each	1
13	13553701*	Install State Furnished 1D Conduit	ft	173367
14	13553702*	Install State Furnished one 2 Inch Conduit	ft	1006
15	13553708P	Proof Existing Conduit	ft	14965
16	13553710*	Directional Bore	ft	23047
17	13553711*	Plow or Trench Outside of Roadway - 36in Depth	ft	14965
18	13553712*	Plow or Trench Outside of Roadway - 60in Depth	ft	152863
19	13553713*	60-Inch Depth Rock Saw Trench (Contingency)	ft	5280
20	13553714*	36-Inch Depth Rock Saw Trench (Contingency)	ft	2140
21	13553715*	Directional Bore Conduit Under Waterway	ft	1165
22	13554703P	Install State Furnished Junction Box Type II	Each	5
23	13554704P	Install State Furnished Junction Box Type III	Each	109
24	13594700*	Install State Furnished WiFi Hotspot	Each	3
25	13594703*	Ethernet Cable CAT 6	ft	640
26	13594709*	Install State Furnished 144 Strand SMFO Cable	ft	202475
27	13594713*	Fusion Splice	Each	1620
28	13594714*	6 Strand Pre-Terminated Drop Cable Unit	Each	4
29	13594714P	24 Strand Pre-Terminated Drop Cable Unit	Each	3
30	13594715*	Fiber Optic Cable Splice Enclosure	Each	16
31	16530700P	#14 AWG Solid/Insulated Locate Wire	ft	173367

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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
ITS SUMMARY

SHEET NO. ITS-S1

22898_ITS-S1, S2, S3.dgn
12/11/2025

PIN 22898 - JURASSIC US-40 FIBER OPTICS SEGMENT B - ITS SUMMARY

	ITS CONDUIT											COMPOSITE PLASTIC JUNCTION BOX		FIBER OPTIC COMMUNICATION							ITS DEVICE		
	INSTALL STATE FURNISHED 1D CONDUIT	INSTALL STATE FURNISHED ONE 2-INCH CONDUIT	PROOF EXISTING CONDUIT	DIRECTIONAL BORE	DIRECTIONAL BORE CONDUIT UNDER WATERWAY	PLOW OR TRENCH OUTSIDE OF ROADWAY - 60" DEPTH	PLOW OR TRENCH OUTSIDE OF ROADWAY - 36" DEPTH	60-INCH DEPTH ROACK SAW TRENCH (CONTINGENCY)	36-INCH DEPTH ROACK SAW TRENCH (CONTINGENCY)	BUILDING ENTRANCE	#14 AWG SOLID/INSULATED LOCATE WIRE	INSTALL STATE FURNISHED JUNCTION BOX, TYPE II	INSTALL STATE FURNISHED JUNCTION BOX, TYPE III	FIBER OPTIC CABLE SPLICE ENCLOSURE	FUSION SPLICE	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE	6 STRAND PRE-TERMINATED DROP CABLE UNIT		24 STRAND PRE-TERMINATED DROP CABLE UNIT		ETHERNET CABLE CAT6	INSTALL STATE FURNISHED WIFI HOTSPOT	NOTES / COMMENTS
SHEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	EACH	FEET	EACH	EACH	EACH	EACH	FEET	EACH	FT*	EACH	FT*	FEET	EACH	
ITS-01	2452										2452		1	1	144	2709							
ITS-02	2594			100							2594		1			2694							
ITS-03	2600			400							2600		2			2800							
ITS-04	2616			400							2616		2			2816							
ITS-05	2596			400							2596		1			2696							
ITS-06	2602			500							2602		2			2802							
ITS-07	2542			500							2542		1	1	144	2642							
ITS-08	2530			300							2530		2			2730							
ITS-09	2474			400							2474		1			2574							
ITS-10	2477			600							2477		1			2577							
ITS-11	2403			500							2403		2			2603							
ITS-12	2612			100							2612		1			2712							
ITS-13	2404			200							2404		2			2604							
ITS-14	2482			300							2482		1	1	144	2582							
ITS-15	2516			600							2516		1			2616							
ITS-16	2532			771	450						2532		3			3132							
ITS-17	2488			500							2488		1			2788							
ITS-18	1015	90	165	300							1015	1	1	1	8	1292	1	200	1	780	40	1	
ITS-19			14689											1	144	16832							
ITS-20	2427		111	300							2427		1			2627							
ITS-21	2628			100							2628		1			2728							
ITS-22	2634			400							2634		2			2834							
ITS-23	2630			322							2630		1			2730							
ITS-24	2632			400							2632		2	1	144	2832							
ITS-25	2541			360							2541		1			2641							
ITS-26	2434			160	335						2434		3			2734							
ITS-27	2265			100							2265		2			2465							
ITS-28	2621			360							2621		2	1	8	2883	1	100					
ITS-29	2444			480							2444		2			2744							
ITS-30	2444			100							2444		1			2544							
ITS-31	2632			470							2632		2	1	144	2832							
ITS-32	2632			400							2632		1			2732							
ITS-33	2632			370							2632		2			2832							
ITS-34	2636			100							2636		1			2736							
ITS-35	1330	580		230						1	1330	1	1	1	8	1580			1	595	120	1	
ITS-36	2633	96		380							2633	1	2	1	4	2897	1	200					
ITS-37	2542			200							2542		1			2642							
ITS-38	2632			434							2632		2	1	144	2832							
ITS-39	2632			475							2632		2			2832							
ITS-40	2632			390							2632		2			2832							
ITS-41	2624			400							2624		2			2824							
ITS-42	2624			300							2624		1			2724							
ITS-43	2630			200							2630		2			2830							
ITS-44	2632			300							2632		1			2732							
ITS-45	2632			380							2632		2	1	144	2832							
ITS-46	2632			400							2632		2			2832							
ITS-47	2632			400							2632		2			2832							
ITS-48	2647			200							2647		1			2747							
ITS-49	2626			300							2626		2			2826							
ITS-50	2516			100							2516		1			2616							
ITS-51	2630			300							2630		1			2730							
ITS-52	2623			345							2623		2	1	144	2823							
ITS-53	2632			200							2632		1			2732							
ITS-54	2615			300							2615		2			2815							
ITS-55	2631			300							2631		1			2731							
ITS-56	2550			200							2550		2			2750							
ITS-57	2628			190							2628		2			2828							
ITS-58	2452			400							2452		1			2552							
ITS-59	2520			200							2520		1	1	144	2620							
ITS-60	2331										2331		1			2431							
ITS-61	1231	240		200							1231	2	1	1	8	1397	1	450	1	450	480	1	
ITS-62	2437			320							2437		2			2637							
ITS-63	2507			300							2507		2			2707							
ITS-64	2631			600							2631		2			2831							
ITS-65	2524			200							2524		1			2624							
ITS-66	2632			530							2632		2	1	144	2832							
ITS-67	2632			500							2632		2			2832							
ITS-68	2623			400							2623		1			2723							
ITS-69	2552			100							2552		2			2752							
ITS-70	2420			260	380						2420		3			2720							
ITS-71	803			820							803		1			903							
SUBTOTAL						152863	14965	5280	2140														
TOTALS	**173367**	**1006**	**14965**	**23047**	**1165**	**152863**	**14965**	**5280**	**2140**	**1**	**173367**	**5**	**109**	**16**	**1620**	**202475**	**4**	**950***	**3**	**1825***	**640**	**3**	

*FOR INFORMATION ONLY

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

ITS SUMMARY

SHEET NO. ITS-S2

22898_ITS-S1, S2, S3.dgn
11/26/2025

PIN 22898 - JURASSIC US-40 FIBER OPTICS SEGMENT B - STATE FURNISHED ITS SUMMARY

	ITS CONDUIT		JUNCTION BOX		FIBER OPTIC COMMUNICATION	ITS DEVICE			
	ONE 2-INCH CONDUIT	1D CONDUIT	JUNCTION BOX, TYPE II	JUNCTION BOX, TYPE III	144 STRAND SMFO CABLE	WIFI EQUIPMENT (TWO FIBER MEDIA CONVERTERS AND WIFI ANTENNA/RADIO PACKAGE) **	CISCO ETHERNET SWITCH **	CAT5 ETHERNET PATCH CABLE, 4' **	NOTES / COMMENTS
SHEET	FEET	FEET	EACH	EACH	EACH	EACH	EACH	EACH	
ITS-01		2452		1	2709				
ITS-02		2594		1	2694				
ITS-03		2600		2	2800				
ITS-04		2616		2	2816				
ITS-05		2596		1	2696				
ITS-06		2602		2	2802				
ITS-07		2542		1	2642				
ITS-08		2530		2	2730				
ITS-09		2474		1	2574				
ITS-10		2477		1	2577				
ITS-11		2403		2	2603				
ITS-12		2612		1	2712				
ITS-13		2404		2	2604				
ITS-14		2482		1	2582				
ITS-15		2516		1	2616				
ITS-16		2532		3	3132				
ITS-17		2488		1	2788				
ITS-18	90	1015	1	1	1292	1	1	2	
ITS-19					16832				
ITS-20		2427		1	2627				
ITS-21		2628		1	2728				
ITS-22		2634		2	2834				
ITS-23		2630		1	2730				
ITS-24		2632		2	2832				
ITS-25		2541		1	2641				
ITS-26		2434		3	2734				
ITS-27		2265		2	2465				
ITS-28		2621		2	2883		1	2	
ITS-29		2444		2	2744				
ITS-30		2444		1	2544				
ITS-31		2632		2	2832				
ITS-32		2632		1	2732				
ITS-33		2632		2	2832				
ITS-34		2636		1	2736				
ITS-35	580	1330	1	1	1580	1	1	1	
ITS-36	96	2633	1	2	2897		1	1	
ITS-37		2542		1	2642				
ITS-38		2632		2	2832				
ITS-39		2632		2	2832				
ITS-40		2632		2	2832				
ITS-41		2624		2	2824				
ITS-42		2624		1	2724				
ITS-43		2630		2	2830				
ITS-44		2632		1	2732				
ITS-45		2632		2	2832				
ITS-46		2632		2	2832				
ITS-47		2632		2	2832				
ITS-48		2647		1	2747				
ITS-49		2626		2	2826				
ITS-50		2516		1	2616				
ITS-51		2630		1	2730				
ITS-52		2623		2	2823				
ITS-53		2632		1	2732				
ITS-54		2615		2	2815				
ITS-55		2631		1	2731				
ITS-56		2550		2	2750				
ITS-57		2628		2	2828				
ITS-58		2452		1	2552				
ITS-59		2520		1	2620				
ITS-60		2331		1	2431				
ITS-61	240	1231	2	1	1397	1	1	2	
ITS-62		2437		2	2637				
ITS-63		2507		2	2707				
ITS-64		2631		2	2831				
ITS-65		2524		1	2624				
ITS-66		2632		2	2832				
ITS-67		2632		2	2832				
ITS-68		2623		1	2723				
ITS-69		2552		2	2752				
ITS-70		2420		3	2720				
ITS-71		803		1	903				
TOTALS	**1006***	**173367***	**5***	**109***	**202475***	**3****	**5****	**8****	

*FOR INFORMATION ONLY

**TO BE INSTALLED BY UDOT INTEGRATOR, OR DTS, NOT CONTRACTOR

NOTES:

1. NOTIFY RESIDENT ENGINEER ONE WEEK PRIOR TO THE DATE STATE FURNISHED MATERIALS ARE NEEDED.

2. PICK UP STATE FURNISHED CONDUIT, FIBER CABLE, AND JUNCTION BOXES FROM THE UDOT DUCHESNE SHED AT 8225 South 21500 West, Historic Fort Duchesne Rd, Duchesne, UT 84021. PROVIDE ONE WEEK NOTICE.

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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
ITS SUMMARY

SHEET NO. ITS-S3

22898_ITS-S1, S2, S3.dgn
11/18/2025