

SEE SHEET 1A FOR INDEX TO PLAN

U.S. Standard Units
(Inch-Pound Units)

ALL UNITS IN FEET UNLESS
OTHERWISE NOTED

UTAH

DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED PROJECT

FEDERAL FUNDED PROJECT

F-0040(251)125 PIN: 22900

JURASSIC US-40/US-191 FIBER OPTICS - SEGMENT D

ITS COMMUNICATION
VARIOUS COUNTIES
LENGTH 124.18 MILES



THIS SEAL APPLIES TO ALL SHEETS
CONTAINING THIS SIGNATURE

VERIFIED FOR SUBMISSION FOR ADVERTISEMENT

Jenna Jaze

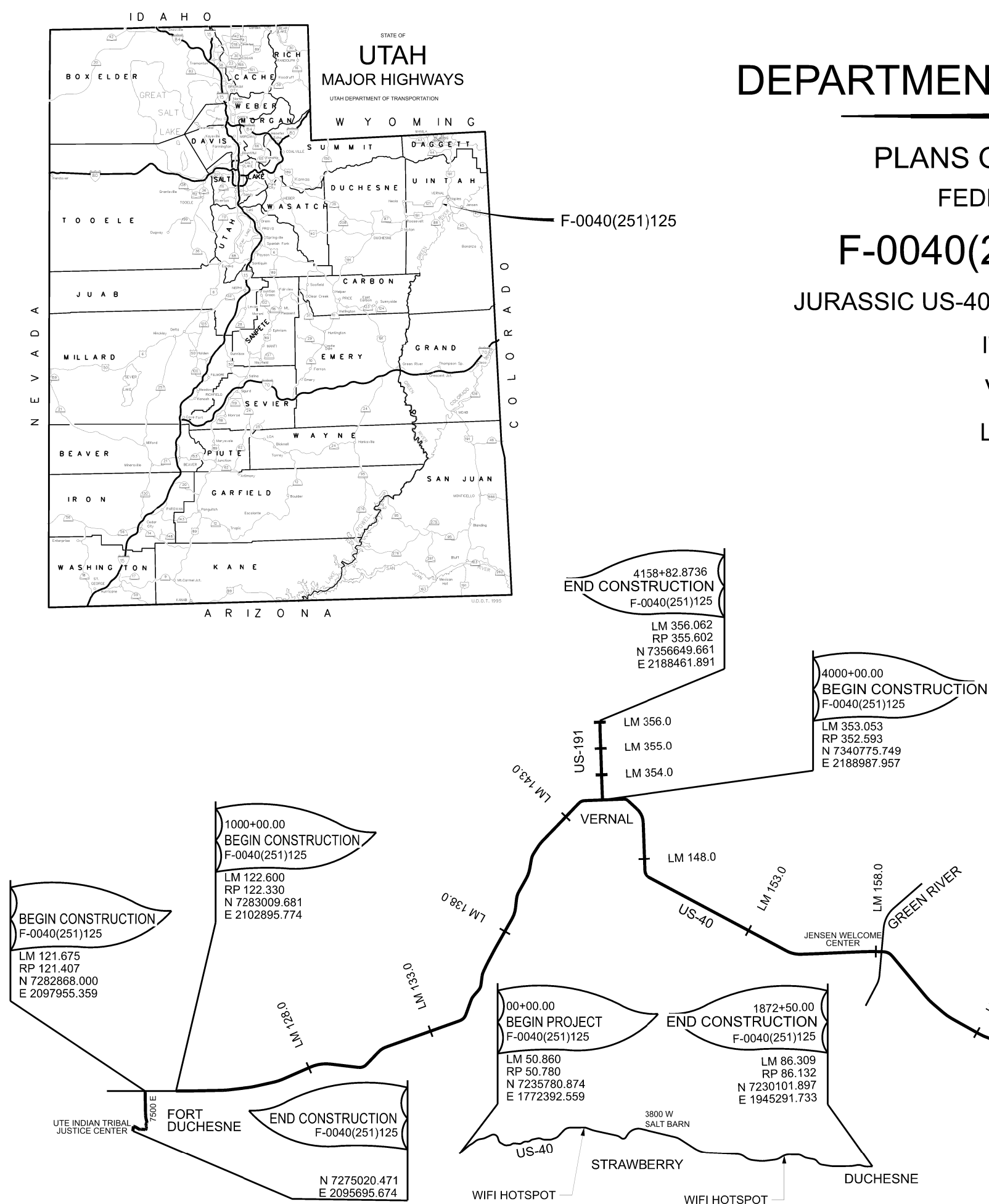
DESIGN ENGINEER

UTAH DEPARTMENT OF TRANSPORTATION

APPROVED FOR USE BY UDOT

Phillip Peterson

REGION 3 PRECONSTRUCTION ENGINEER



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ITS DRAWINGS		
SHEET NO.	NO. OF SHEETS	DESCRIPTION
1	1	TITLE SHEET
1-A	1	INDEX TO SHEETS
1-C	1	ABBREVIATIONS & LEGEND
AT-1	1	ITS DETAIL
HC-01 TO HC-02	2	HORIZONTAL CONTROL
CR-01 TO CR-05	5	CROSS REFERENCE
ITSDT-01	1	LEGEND AND NOTES
ITSDT-02 TO ITSDT-20	19	ITS DETAILS
ITS-01 TO ITS-83	83	ITS (US-40 AND US-191)
ITS-S1	1	SUMMARY OF ITEMS
ITS-S2 TO ITS-S5	4	ITS SUMMARY
ITS-S6 TO ITS-S7	2	JUNCTION BOX SUMMARY
ITS-SS1	1	SEED SCHEDULE
TOTAL SHEETS	122	

PROJECT		JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
PROJECT NUMBER		- SEGMENT D		22900			
F-0040(251)125		PIN		22900			
INDEX TO SHEETS		APPROVED		DRAWN BY			
		Fenna Gage		QC			
		PROFESSIONAL ENGINEER		CHECKED BY			
		1/2/2026		RE			
		DATE		APPROVED BY			
				NO.		DATE	
				APPROVED BY		REMARKS	

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2-MAY-2026

SURFACE FEATURE LINE STYLES

	CUT		CUT CATCH LINE
	FILL		FILL CATCH LINE
			TEMPORARY BERM
			CABLE BARRIER
			BUILDING
			FENCE, CHAIN LINK
			Fence, Chain Link Existing
			FENCE, RIGHT OF WAY
			Fence, Wire Existing
			FENCE, WOOD
			Fence, Wood Existing
			FLOW LINE
			Flow Line Existing
			GUARDRAIL
			Guardrail Existing
			NOISE WALL
			Noise Wall Existing
			RAILROAD
			Ditch Irrigation
	PAVE CUT		PAVEMENT CUTTING
			FIBER ROLL
			SILT FENCE
			STRAW BALE
			VEGETATION LINE
			CONCRETE BARRIER
			PRECAST CONCRETE BARRIER
			Concrete Barrier Existing
			River Existing

RIGHT OF WAY LINE STYLES

	SEC		SECTION LINE
	1/4		QUARTER SECTION LINE
	40		40 ACRE LINE
			CITY BOUNDARY LINE
	R		PROPERTY LINE
	N/A		HWY NO-ACCESS LINE
	n/a		Existing No-Access Line
	R/W N/A		HWY R/W & NO-ACCESS LINE
	r/w n/a		Existing R/W & No-Access Line
	L/A		HWY LIMITED-ACCESS LINE
	l/a		Existing Limited-Access Line
	R/W L/A		HWY R/W & LIMITED-ACCESS LINE
	r/w l/a		Existing R/W & Limited-Access Line
	RR		RAILROAD R/W LINE
	rr		Existing Railroad R/W Line
	FRTG R/W		FRONTAGE ROAD R/W
	frtg r/w		Existing Frontage Road R/W
	R/W		HIGHWAY R/W
	r/w		Existing Highway R/W
	PE		PERPETUAL EASEMENT
	pe		Existing Perpetual Easement
	TE		TEMPORARY EASEMENT

SUBSURFACE/OVERHEAD LINE STYLES

	BCTV		CABLE BURIED
	bctv		Cable Buried Existing
	CTV		CABLE OVERHEAD
	ctv		Cable Overhead Existing
			CIRCUIT
			Circuit Existing
	PC		PIPE CULVERT
	pc		Pipe Culvert Existing
	BE		ELECTRIC BURIED
	be		Electric Buried Existing
	E		ELECTRIC OVERHEAD
	e		Electric Overhead Existing
	FO		FIBER OPTICS
	fo		Fiber Optics Existing
	G		GAS
	g		Gas Existing
	IR		IRRIGATION
	ir		Irrigation Existing
	PETRO		PETROLEUM
	petro		Petroleum Existing
	SWR		SANITARY SEWER
	swr		Sanitary Sewer Existing
	SD		STORM DRAIN
	sd		Storm Drain Existing
	BTCL		TELEPHONE BURIED
	btcl		Telephone Buried Existing
	TEL		TELEPHONE OVERHEAD
	tel		Telephone Overhead Existing
	WTR		WATER
	wtr		Water Existing

SIGNAL LINE STYLES

	pwr		Power Source Circuit Existing
	PWR		POWER SOURCE CIRCUIT
	sig		Signal Conduit Existing
	SIG		SIGNAL CIRCUIT
	ped		Pedestrian Circuit Existing
	PED		PEDESTRIAN CIRCUIT
	psh		Push Button Circuit Existing
	PSH		PUSH BUTTON CIRCUIT
	det		Detection Circuit Existing
	DET		DETECTION CIRCUIT
	fut		Future Conduit Existing
	FUT		FUTURE CONDUIT
	ltg		Lighting Circuit Existing
	LTG		LIGHTING CIRCUIT
	vid		Video Detection Circuit Existing
	VID		VIDEO DETECTION CIRCUIT
	rad		Radar Detection Circuit Existing
	RAD		RADAR DETECTION CIRCUIT
	pem		Preemption Circuit Existing
	PEM		PREEMPTION CIRCUIT

SYMBOLS

	ATMS CABINET		JUNCTION BOX TYPE A
	Bench Mark		JUNCTION BOX TYPE B
	Cable TV Box		LIGHT POLE
	Electrical Transformer		UTILITY POLE
	Center Line		PS POWER SOURCE
	Section Corner Found		MAIL BOXES (1, 2, & 4 BOXES)
	Section Corner Not Found		MANHOLE ELECTRIC
	CURB RETURN RADIUS		MANHOLE GAS
	Geotech Drill Hole		MANHOLE TELEPHONE
	TH # SUE Test Hole		MANHOLE STORM DRAIN
	TREE		MANHOLE SANITARY SEWER
	Fire Hydrant		MANHOLE WATER
	Valve		MONUMENT
	SIGN, GAS		PARCEL BALLOON
	Gate Post		RIGHT OF WAY MARKER
	Guy Wire or Anchor		SIGN (PANEL + POST + BASE)
	HORIZONTAL CURVE (#)		SIGN (PANEL + DOUBLE POST + BASE)
	HORIZONTAL/VERTICAL P.I.		Single Post Sign Existing
	HORIZONTAL/VERTICAL CURVE POINT		Double Post Sign Existing
	METER		Signal Pole Existing
	JUNCTION BOX STREET LIGHT		Delineator Existing
			UNDERGROUND SERVICE PED

PROJECT SPECIFIC SYMBOLS AND LINE STYLES

NOTE:
THE LINE STYLES AND SYMBOLS CONTAINED HEREIN ARE NOT ALL INCLUSIVE. ANY
ADDITIONAL LINE STYLES NOT SHOWN HERE ARE SHOWN ON THEIR RESPECTIVE SHEETS
WITHIN A LEGEND.

REVISIONS				UTAH DEPARTMENT OF TRANSPORTATION			
				22900		APPROVED	
				JURASSIC US-40 FIBER OPTICS		- SEGMENT D	
				PROJECT NUMBER		F-0040(251)125	
				DRAWN BY		CC	
				CHECKED BY		JJ	
				DATE		1/2/2026	
				PROFESSIONAL ENGINEER		Gemma Gage	
				NO.		DATE	
				APPROVED BY		REMARKS	
				SHEET NO.		1-C	

ITS LINE STYLE LEGEND

FUTURE OR EXISTING	REQ'D	TYPE	CONDUCTOR TYPES
— #d —	— #D —	4-CONDUIT DUCT BANK (# INDICATES NUMBER OF 4-CONDUIT DUCT BANKS 0.5, 1, 1.5, 2, OR 4)	FIBER OPTIC
— hv# —	— XHV# —	HIGH VOLTAGE CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4; X INDICATES NUMBER OF CONDUITS)	120, 240, OR 480VAC
— lv# —	— XLV# —	LOW VOLTAGE CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4; X INDICATES NUMBER OF CONDUITS)	COPPER COMM OR POWER LESS THAN 120VAC
— tal# —	— XTAL# —	TAIL CIRCUIT COMMUNICATIONS CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4; X INDICATES NUMBER OF CONDUITS)	FIBER OPTIC OR COPPER COMM
— spr# —	— SPR# —	SPARE CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4)	EMPTY
— xc —		EXISTING CONDUIT	UNKNOWN OR AS SPECIFIED
— e —	— E —	OVERHEAD POWER	N/A
— ohc —	— OHG —	OVERHEAD COMMUNICATIONS	N/A
— ohx —		EXISTING OVERHEAD CONDUCTORS	UNKNOWN OR AS SPECIFIED
— md# —	— MD# —	BUNDLED MICRODUCT (# INDICATED NUMBER OF INDIVIDUAL MICRODUCTS CONTAINED WITHIN OVER SHEATH; 2,3,4, OR 7)	MICRODUCT

ABBREVIATIONS

ABBREVIATION	DEFINITION
ATMS	ADVANCED TRAFFIC MANAGEMENT SYSTEM
AWG	AMERICAN WIRE GAUGE
BNC	BAYONET NEILL-CONCELMAN
CAB	CABINET
CAT-#	CATEGORY - (# INDICATES CATEGORY NUMBER) CONDUCTOR
CCTV	CLOSED CIRCUIT TELEVISION
COMM	COMMUNICATIONS
DLC	DETECTOR LOOP LEAD-IN CABLES
DIA	DIAMETER
ESS	ENVIRONMENTAL SENSOR STATION
FRE	FIBERGLASS REINFORCED EPOXY
GND	GROUND CONDUCTOR
GRC	GALVANIZED RIGID CONDUIT
HAR	HIGHWAY ADVISORY RADIO
HDPE	HIGH DENSITY POLYETHYLENE
HFC	HYBRID FIBER CABLE
HMA	HOT MIX ASPHALT
LAN	LOCAL AREA NETWORK
LM	LINEAR MEASURE
NID	NON-INTRUSIVE DETECTOR
NTS	NOT TO SCALE
OC	OFF CENTER
PC	POLYMER CONCRETE
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
PS	POWER SOURCE
PTCC	PAN-TILT CONTROL CABLE
PTZ	PAN/TILT/ZOOM
PWR	POWER
RDPE	REMOTE DATA PORT ENCLOSURE
REQ'D	REQUIRED
RMS	RAMP METER STATION
ROW	RIGHT-OF-WAY
RPU	REMOTE PROCESSING UNIT (FOR RWIS)
RWIS	ROADWAY WEATHER INFORMATION SYSTEM
## SMF	SINGLE MODE FIBER (## INDICATES NUMBER OF STRANDS)
TMS	TRAFFIC MONITORING STATION
TOC	TRAFFIC OPERATIONS CENTER
TSC	TRAFFIC SIGNAL CONTROLLER
TYP	TYPICAL
USP	UNDERGROUND SERVICE PEDESTAL
VAC	VOLTS (ALTERNATING CURRENT)
VID	VIDEO
VMS	VARIABLE MESSAGE SIGN
VSL	VARIABLE SPEED LIMIT
WIM	WEIGH-IN-MOTION
WP	WORKING POINT

DETAIL CALLOUT LEGEND

CALLOUT	MEANING
	SEE DETAIL "X" ON SHEET "Y"

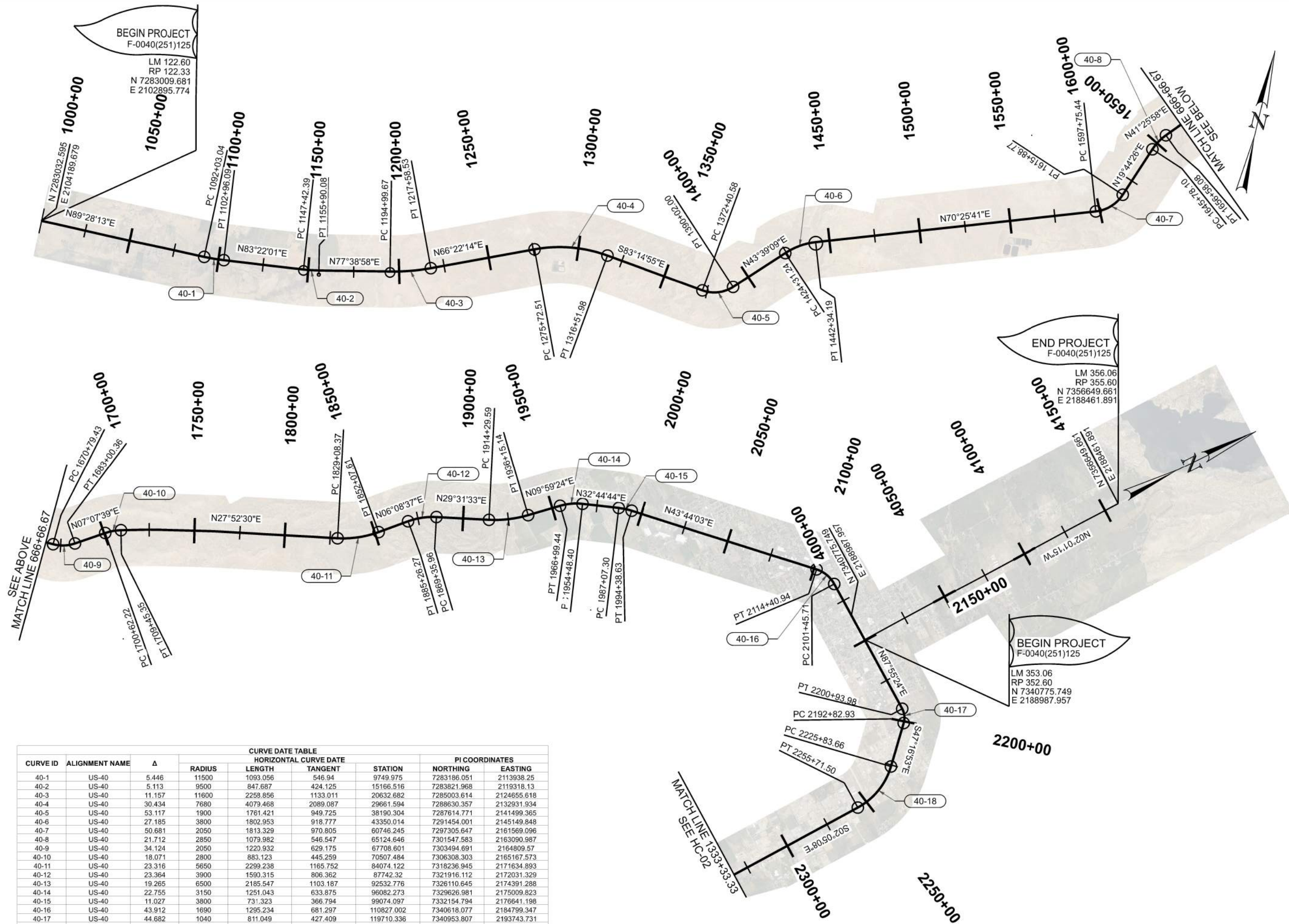
EQUIPMENT LEGEND

FUTURE OR EXISTING	REQ'D	EQUIPMENT TYPE
		ROADWAY WEATHER INFORMATION SYSTEM
		CCTV CAMERA
		TYPE II- HDPE JUNCTION BOX *
		TYPE III- HDPE JUNCTION BOX *
		POLE-MOUNTED ITS CABINET *
		GROUND-MOUNTED ITS CABINET *
		POLE *
		POWER SERVICE POINT
		UNDERGROUND SERVICE PEDESTAL
		NON-INTRUSIVE DETECTOR (RADAR)
		SPLICE POINT ## = SPLICE NUMBER
		SOLAR ELECTRIC SYSTEM
		DRAINAGE CULVERT
		WIFI HOTSPOT
		DIRECTIONAL BORE
		MILEPOST (FOR INFORMATION ONLY)
LM XX.XX		LINEAR MEASURE MILEPOST (FOR REFERENCE ONLY)

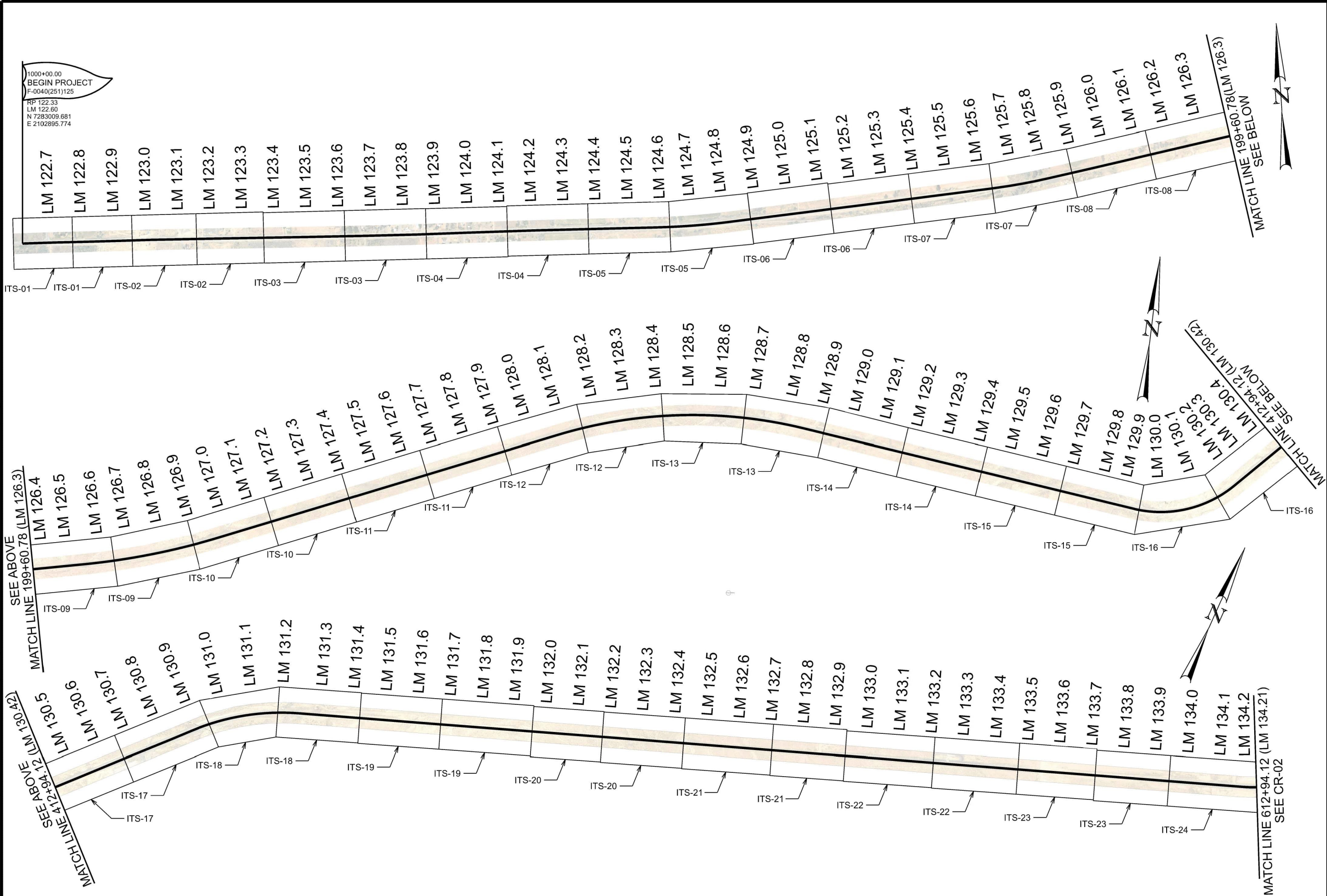
ELECTRICAL SCHEMATIC LEGEND

FUTURE OR EXISTING	SYMBOL	EQUIPMENT
		BREAKER
		METER
		NEUTRAL LUG
		EQUIPMENT GROUND LUG
		GROUND ROD
		TRANSFORMER
		BLADE SWITCH
		FUSE

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US-40 CROSS REFERENCE - SEGMENT D

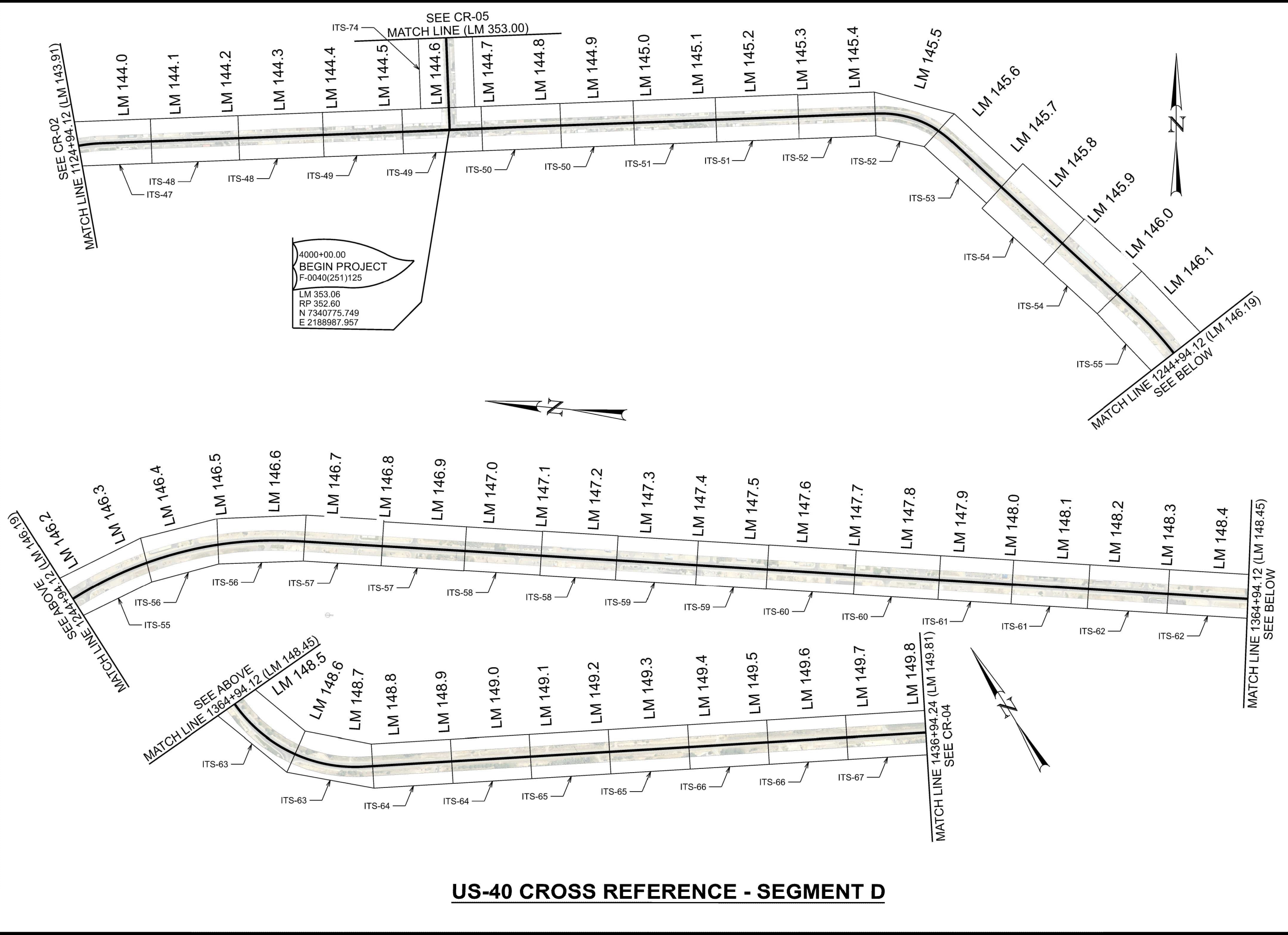
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CROSS REFERENCE		- SEGMENT D		APPROVED	
NO.		DATE		2/11/2026	
APPROVED BY		Jenna Gage		PROFESSIONAL ENGINEER	
REVISIONS		DRAWN BY		JG	
REMARKS		QC CHECKED BY		RE	



US-40 CROSS REFERENCE - SEGMENT D

PROJECT		JURASSIC US-40 FIBER OPTICS				UTAH DEPARTMENT OF TRANSPORTATION 22900										DRAWN BY		JJ																	
PROJECT NUMBER		- SEGMENT D				F-0040(251)125				PIN				22900				APPROVED		Jenna Jaye 2/11/2026 DATE PROFESSIONAL ENGINEER				QC CHECKED BY		RE									
		CROSS REFERENCE																				NO.		DATE		APPROVED BY		REMARKS							
SHEET NO.		CR-02																																	

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		APPROVED		2/11/2026			
		PROFESSIONAL ENGINEER		DATE			
		DRAWN BY		JJ			
		QC CHECKED BY		RE			
		NO.		DATE		APPROVED BY	
						REMARKS	



PROJECT		JURASSIC US-40 FIBER OPTICS - SEGMENT D		UTAH DEPARTMENT OF TRANSPORTATION 22900				REVISIONS					
PROJECT NUMBER	F-0040(251)125	PIN	22900	APPROVED	DRAWN BY JJ		QC CHECKED BY RE	2/11/2026 DATE	PROFESSIONAL ENGINEER <i>Jenna Goye</i>	NO.	DATE	APPROVED BY	REMARKS
CROSS REFERENCE													
SHEET NO.				CR-05									

ITS CONSTRUCTION NOTES:

- | | |
|----|--|
| 1 | PROTECT IN PLACE |
| 2 | FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D |
| 3 | SPLICE WITHIN EXISTING SPLICE ENCLOSURE |
| 4 | TIE INTO EXISTING II-PC PULL BOX |
| 5 | PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH |
| 6 | FUSION SPLICE REQ'D |
| 7 | PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES |
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 9 | EX 36 SMFO CABLE. PROTECT IN PLACE. |
| 10 | EX 72 SMFO CABLE. PROTECT IN PLACE. |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT |
| 12 | INSTALL SMFO CABLE WITHIN ORANGE CONDUIT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 14 | DIRECTIONAL BORE REQ'D |
| 16 | PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D |
| 17 | EX 6 SMFO CABLE. PROTECT IN PLACE. |
| 18 | INSTALL SMFO MICROFIBER CABLE IN BLUE MICRODUCT |
| 19 | EX 24 SMFO CABLE. PROTECT IN PLACE. |
| 22 | INSTALL STATE FURNISHED THREE 12.7/10MM MICRODUCTS REQ'D |
| 23 | INSTALL MICRODUCTS WITHIN BROWN STRATA CONDUIT |
| 24 | INSTALL MICRODUCTS WITHIN ORANGE STRATA CONDUIT |
| 25 | EXISTING STRATA VAULT |
| 26 | INSTALL SMFO MICROFIBER CABLE IN RED STRATA 12/10MM MICRODUCT |
| 28 | INTERCEPT EX STRATA CONDUIT. BREAK OUT UDOT MICRODUCT |
| 29 | INSTALL STATE FURNISHED JUNCTION BOX REQ'D |
| 30 | BUILDING ENTRANCE REQ'D |
| 31 | INSTALL WIFI HOTSPOT REQ'D |
| 32 | INSTALL 7 FT TWO-POST TELECOMMUNICATIONS RACK REQ'D |
| 33 | INSTALL CABLE WITHIN EXISTING BUILDING ENTRANCE CONDUIT |
| 34 | 1D CONDUIT |
| 35 | MD4 MICRODUCT BUNDLE |
| 36 | TIE PROPOSED 4-WAY CONDUIT INTO EXISTING STRATA VAULT |
| 37 | TIE INTO EXISTING III-PC PULL BOX |
| 38 | PROOF EXISTING CONDUIT |
| 39 | ONE 2-INCH CONDUIT |
| 41 | INSTALL CAT6 CABLE FROM PROPOSED EQUIPMENT RACK TO WIFI/WLAN EQUIPMENT THROUGH CEILING SPACE |
| 42 | INSTALL 120V 20A CIRCUIT FROM EXISTING CIRCUIT PANEL TO PROPOSED EQUIPMENT RACK |
| 43 | INSTALL STATE FURNISHED NETWORK EQUIPMENT IN PROPOSED EQUIPMENT RACK |
| 45 | INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET |
| 46 | INTERCEPT EXISTING UDOT CONDUIT |
| 47 | 72 STRAND HUB FIBER OPTIC DISTRIBUTION UNIT (FDU) |
| 48 | EXISTING 144 STRAND FOC INSTALLED AS PART OF SEGMENT C (F-0040(250)86)- PROTECT IN PLACE |
| 49 | 288 STRAND HUB FIBER OPTIC DISTRIBUTION UNIT (FDU) |
| 50 | INSTALL SMFO MICROFIBER CABLE WITHIN BLUE CONDUIT |
| 51 | POLE MOUNTED ITS CABINET |

- | | |
|----|--|
| 52 | GALVANIZED 6-BOLT MOUNT CCTV POLE, 45' |
| 53 | TIE INTO EXISTING POWER SOURCE |
| 54 | EXISTING 144 STRAND FOC INSTALLED BY SEGMENT B PROJECT (22898).
PROTECT IN PLACE |
| 55 | EXISTING 24 STRAND PRE-TERMINATED FOC DROP CABLE INSTALLED BY SEGMENT
B PROJECT TO BE PULLED TO PROPOSED WIFI HOTSPOT THROUGH EXISTING AND
PROPOSED 2" CONDUIT |
| 56 | 2 NO. 4 AWG AND 1 NO. 8 AWG GROUND WIRE |
| 57 | INSTALL CAT 6 CABLE IN EXISTING AND PROPOSED 2" CONDUITS |
| 58 | LIGHT POLE PER SL 13. INSTALL CAT 6 CABLE TO 30FT HEIGHT ON POLE |
| 59 | CCTV POLE, 45', CONCRETE FOUNDATION |
| 60 | INSTALL STATE FURNISHED POE NETWORK SWITCH |

LEGEND

	1D	PROPOSED UDOT 4-CONDUIT DUCT BANK - 1 BANK
	1D	ExistingUDOT 4-Conduit Duct Bank - 1 Bank
	TAL2	PROPOSED UDOT 1 - 2" CONDUIT
	TAL2	Existing UDOT 1 - 2" Conduit
	MD4	PROPOSED UDOT 4 WAY MICRODUCT BUNDLE CONDUIT
	bfo	PROPOSED UDOT FOC THROUGH EXISTING UNDERGROUND TELECOM CONDUIT
		PROPOSED CAT-6 ETHERNET CABLE
		PROPOSED UDOT TYPE III JUNCTION BOX
		EXISTING TYPE III JUNCTION BOX
		DIRECTIONAL BORE
		MILEPOST

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NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
2	INSTALL STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
3	INSTALL STATE FURNISHED 288 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

ITS GENERAL CONSTRUCTION NOTES:

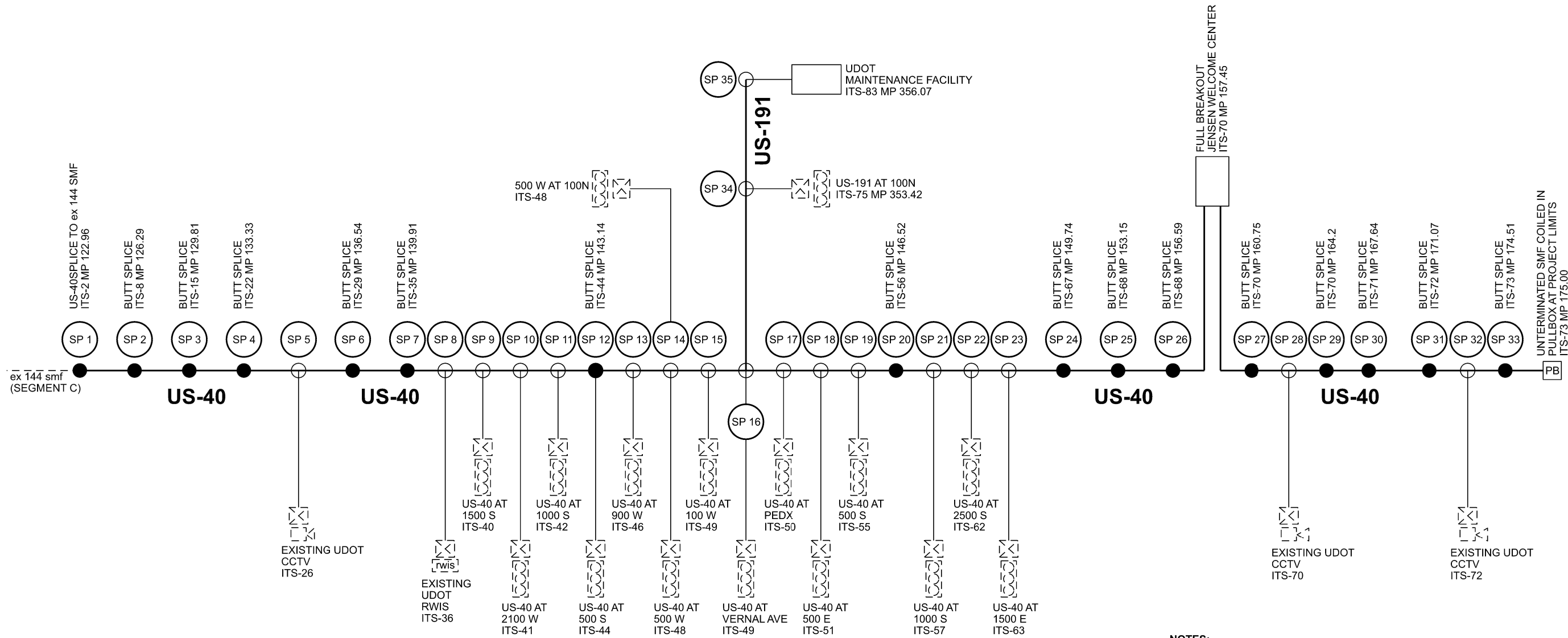
1. ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
3. CONTACT CHRISTOPHER SMITH FOR LOCATION OF STATE FURNISHED MATERIALS AT christophersmith@utah.gov OR 801.887.3725.
4. CONTACT RYAN ROMNEY 30 DAYS PRIOR TO BEGINNING SPLICE WORK AT rromney@horrocks.com.

UTILITY CONTACT LIST

UTILITY COMPANY	UTILITY TYPE	UTILITY CONTACT	PHONE #	EMAIL
ASHLEY VALLEY WATER & SEWER	SEWER & CULINARY WATER	ALLEN HACKING	435-790-1458	AHACKING@AVWSD.COM
BRUSH CREEK IRRIGATION	IRRIGATION WATER	RANDAN VINCENT	435-828-1116	RANDANV@GMAIL.COM
COLORADO INTERSTATE GAS	GAS, OIL & PETROLEUM	STEVE BACON	719-520-4743	STEVE.BACON@ELPASO.COM
EL PASO GATHERING	GAS, OIL & PETROLEUM	DEAN BURTON	435-454-3927	DEAN.BURTON@ELPASO.COM
ENBRIDGE GAS UTAH	GAS MARKED BY ENBRIDGE GAS	SL MAPPING DEPARTMENT	801-324-3970	MAP.REQUESTS@DOMINIONENERGY.COM
FINLEY RESOURCES	GAS, OIL & PETROLEUM	LESLEE PEARSON-RICH	435-828-4778	LPARSON@FINLEYRESOURCES.COM
JENSEN WATER I.D.	CULINARY WATER	TRAVIS PURYEAR	435-828-2030	JWID@UBATEMENT.COM
KINDER MORGAN ALTAMONT, LLC (KMA)	OIL & GAS	HEATHER IVIE	435-621-8293	HEATHER_IVIE@KINDERMORGAN.COM
MID-AMERICA PIPELINE/ENTERPRISE PRODUCTS	GAS, OIL & PETROLEUM - HP	MCALL DERRAM	877-243-2250	EAPLALERTS@EPDROM.COM
MOON LAKE ELECTRIC ASSOCIATION	ELECTRIC	BRADY BROTHERSON	435-722-5436	BBROTHERSON@MLAEINC.COM
MOUNTAINWEST PIPELINE	GAS, OIL & PETROLEUM	JASON FULLER	385-262-5978	JASON.FULLER@WILLIAMS.COM
NAPLES CITY	DRAIN, ST LIGHTS & ENGINEERING	RYAN COOK	435-789-9090	NAPLESOR2@GMAIL.COM
OURAY PARK IRRIGATION COMPANY	IRRIGATION	AMBER ALLRED	435-789-2078	OURAYPARKIRRIGATIONCO@GMAIL.COM
ROCKY MOUNTAIN POWER - VERNAL	ELECTRIC MARKED BY USIC	ANDREW TAYLOR	503-813-5000	ANDREW.TAYLOR@PACIFICORP.COM
SCOUT ENERGY MANAGEMENT LLC	CO2 LIQUID PIPELINE	JEREMY AHRENS	970-623-8028	JEREMY.AHRENS@SCOUTEP.COM
STRATA NETWORKS	CATV/FIBER OPTICS & PHN	SHAD SAGERS	435-622-5633	SSAGERS@STRATANETWORKS.COM
UINTAH INDIAN IRRIGATION PROJECT	IRRIGATION WATER	MARLA PIEPER	435-724-4200	UIMARLA.PIEPER@GMAIL.COM
UINTAH RIVER IRRIGATION CO	IRRIGATION	JOHN HUNTING	435-722-6596	HUNTINGJ@UWCD.ORG
UINTAH WATER CONSERVANCY DISTRICT	STORM DRAIN, IRR, PHN & WTR	JOHN HUNTING	435-789-1651	HUNTINGJ@UWCD.ORG
UNION TELEPHONE CO.	ELECTRIC & PHONE	BRIAN CHRISTENSEN (HORROCKS)	435-722-5400	BRIANC.HORROCKS.COM
UTE TRIBE WATER SYSTEM	SEWER & CULINARY WATER	KELICIA CUCH	435-823-5083	KELICIA@UTETRIBE.COM
VERNAL CITY PUBLIC WORKS	SEWER & CULINARY WATER	KEITH DESPAIN	435-790-1395	KDESPAIN@VERNAL.GOV
WYOMING INTERSTATE COMPANY	OIL & GAS	HEATHER IVIE	435-621-8293	HEATHER_IVIE@KINDERMORGAN.COM
WILLIAMS NORTHWEST PIPELINE / MOUNTAINWEST PIPELINE	GAS, OIL & PETROLEUM	JASON FULLER	385-262-5978	JASON.FULLER@WILLIAMS.COM

SHEET NO.	PROJECT		JURASSIC US-40 FIBER OPTICS				UTAH DEPARTMENT OF TRANSPORTATION 22900										REVIEWS			
	- SEGMENT D																			
ITS/SDT-01	PROJECT NUMBER	F-0040(251)125	PIN	22900	APPROVED		DRAWN BY		JJ											
	LEGEND AND NOTES				<i>Jenna Gaye</i> PROFESSIONAL ENGINEER		1/12/2026		QC CHECKED BY		RE									

CONTINUOUS FOC SEGMENT LENGTHS			
SMF REEL	BEGIN	END	LENGTH
US-40			
1	SP-1	SP-2	18793 FT
2	SP-2	SP-3	19964 FT
3	SP-3	SP-4	19668 FT
4	SP-4	SP-6	18556 FT
5	SP-6	SP-7	18789 FT
6	SP-7	SP-12	18585 FT
7	SP-12	SP-20	19923 FT
8	SP-20	SP-24	18520 FT
9	SP-24	SP-25	19124 FT
10	SP-25	SP-26	19123 FT
11	SP-26	JWC	5872 FT
12	JWC	SP-27	19175 FT
13	SP-27	SP-29	19399 FT
14	SP-29	SP-30	19302 FT
15	SP-30	SP-32	19189 FT
16	SP-32	SP-33	19238 FT
17	SP-33	PROJECT LIMITS	2811 FT
18	SP-16	UDOT MAINTANCEANCE FACILITY	17185 FT
19	US-191	-	-



ITS COMMUNICATION SYSTEM DIAGRAM

NOT TO SCALE

NOTES:

1. PROPOSED CONTINUOUS FIBER OPTIC CABLE SEGMENT LENGTHS ARE APPROXIMATED PER PROJECT SITE PLANS AND ARE SUBJECT TO CHANGE BASED ON ACTUAL FIELD CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL REQUIRED CABLE SEGMENT LENGTHS PRIOR TO ORDERING AND INSTALLING CABLES.
2. SCHEMATIC DIAGRAM NOT TO SCALE.

LEGEND:

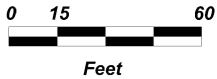
- | | |
|---|--|
|  | PROPOSED 144 SMF |
|  | EXISTING 144 SMF |
|  | PROPOSED SMF DROP |
|  | PROPOSED FOC SPLICE ENCLOSURE – FULL BUTT SPLICE |
|  | PROPOSED FOC SPLICE ENCLOSURE – PARTIAL BREAKOUT |
|  | PROPOSED PULL BOX |
|  | EXISTING CABINET |
|  | EXISTING CCTV CAMERA |
|  | EXISTING RWIS |
|  | EXISTING TRAFFIC SIGNAL |

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2-FEB-2026 DGN File: pat/\\udot:raw\\ben\\laycom\\udot:pat-01\\Documents\\UDOT Projects\\Region 3 Projects\\22900 JURASSIC US-40 FIBER OPTICS - SEGMENT D\\Roadway Design\\ITS-DT-03-14

ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 30 BUILDING ENTRANCE REQ'D
- 31 INSTALL WIFI HOTSPOT REQ'D
- 32 INSTALL 7 FT TWO-POST TELECOMMUNICATIONS RACK REQ'D
- 37 TIE INTO EXISTING III-PC PULL BOX
- 39 ONE 2-INCH CONDUIT
- 41 INSTALL CAT6 CABLE FROM PROPOSED EQUIPMENT RACK TO WIFI/WLAN EQUIPMENT THROUGH CEILING SPACE
- 42 INSTALL 120V 20A CIRCUIT FROM EXISTING CIRCUIT PANEL TO PROPOSED EQUIPMENT RACK
- 43 INSTALL STATE FURNISHED NETWORK EQUIPMENT IN PROPOSED EQUIPMENT RACK
- 49 288 STRAND HUB FIBER OPTIC DISTRIBUTION UNIT (FDU)
- 60 INSTALL STATE FURNISHED POE NETWORK SWITCH



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D



GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURED.
- FOR CONTINUATION OF 144 SMFO CABLE SEE SHEET (ITS-70).

JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
		SEGMENT D			
PROJECT				6	
PROJECT NUMBER	F-0040(251)125	APPROVED		5	
JENSEN WELCOME CENTER DETAIL		DRAWN BY		4	
		QC CHECKED BY		3	
		DATE		2	
		DATE		1	
		APPROVED BY		NO.	REMARKS
				1	
				2	
				3	
				4	
				5	
				6	

JENSEN WELCOME CENTER - CARETAKER FACILITY

JENSEN WELCOME CENTER

JENSEN WELCOME CENTER

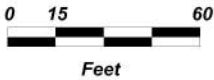
LM 157.5

LM 157.6

JENSEN WELCOME CENTER

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2-FEB-2026



ITS CONSTRUCTION NOTES:

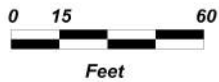
- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 5 PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 28 INTERCEPT EX STRATA CONDUIT. BREAK OUT UDOT MICRODUCT
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D

GENERAL NOTES:

- COORDINATE WITH PROJECT F-0040(241)159 TO VERIFY ACTUAL PLACEMENT OF CCTV CAMERA EQUIPMENT CABINET. INSTALL DROP CABLE OF SUFFICIENT LENGTH TO REACH PROPOSED CCTV CAMERA EQUIPMENT.

SHEET NO.		ITS-DT-04	
PROJECT	JURASSIC US-40 FIBER OPTICS		
	SEGMENT D		
PROJECT NUMBER	F-0040(251)125		PIN
	22900		
CCTV DETAIL			
APPROVED		<i>Gemma Gage</i>	
PROFESSIONAL ENGINEER		2/2/2026	
DATE		DATE	
DRAWN BY		JJ	
QC CHECKED BY		RE	
NO.		DATE	
1		APPROVED BY	
2		REMARKS	
3			
4			
5			
6			
REVISIONS			

2-FEB-2026 D:\F1\jag\p17\udot-rw\ben144\coms\dot-rw-01\Documents\UDOT Projects\Region 3 Projects\JURASSIC US-40 FIBER OPTICS - SEGMENT D\Roadway Design\ITS-DT-05-14



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

ITS CONSTRUCTION NOTES:

- 5
- PRE-TERMINATED 6 STRAND RIBER OPTIC DROP CABLE W/ TERMINATION PATCH
- 38
- PROOF EXISTING CONDUIT
- 45
- INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET

GENERAL NOTES:

1.
- MAINTAIN COMMUNICATIONS TO SIGNAL VIA EXISTING NETWORK DURING CONSTRUCTION. TRANSITION SIGNAL COMMUNICATIONS TO NEW NETWORK UPON COMPLETION AND TESTING OF NEW FIBER LINK. REMOVE EXISTING FIBER NETWORK CABLE AND EQUIPMENT ONLY AFTER NEW LINKS ARE ESTABLISHED AND ACCEPTED BY UDOT.
2.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURED.
3.
- FOR SPLICE ENCLOSURE AND CONTINUATION OF 144 SMFO CABLE SEE SHEET (ITS-48)

UTAH DEPARTMENT OF TRANSPORTATION

22900

APPROVED

Gemma Gage
PROFESSIONAL ENGINEER

2/2/2026

DATE

QC
CHECKED BY

JJ

DRAWN BY

RE

DATE

APPROVED BY

REMARKS

JURASSIC US-40 FIBER OPTICS

SEGMENT D

F-0040(251)125

SIGNAL AT 500W

22900

PIN

PROJECT NUMBER

PROJECT

REVISIONS

6					
5					
4					
3					
2					
1					

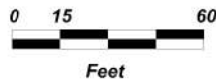
SHEET NO.

ITS-DT-05

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ITS CONSTRUCTION NOTES:

- 8
- 11
- 13
- 16
- 29
- 34
- PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 1D CONDUIT



SEE ABOVE
MATCH LINE



MATCH LINE
SEE ITS-DT-09

SEE ITS-DT-07
MATCH LINE



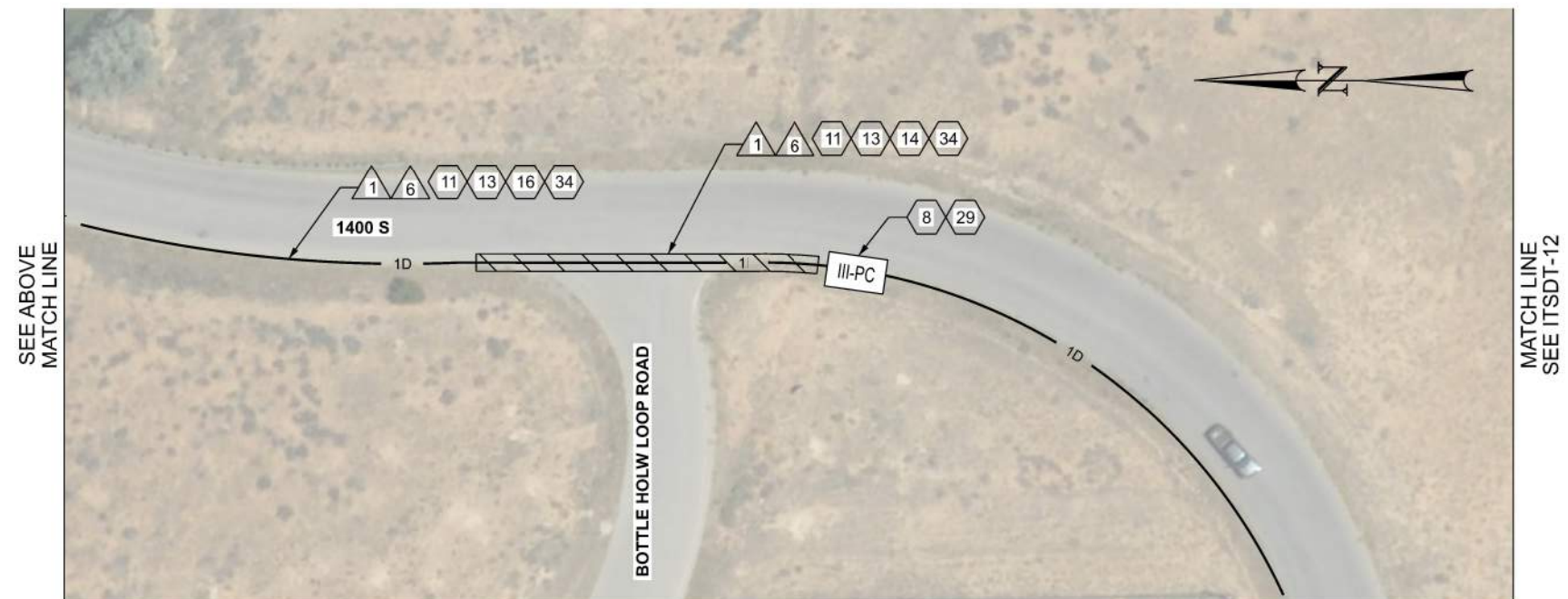
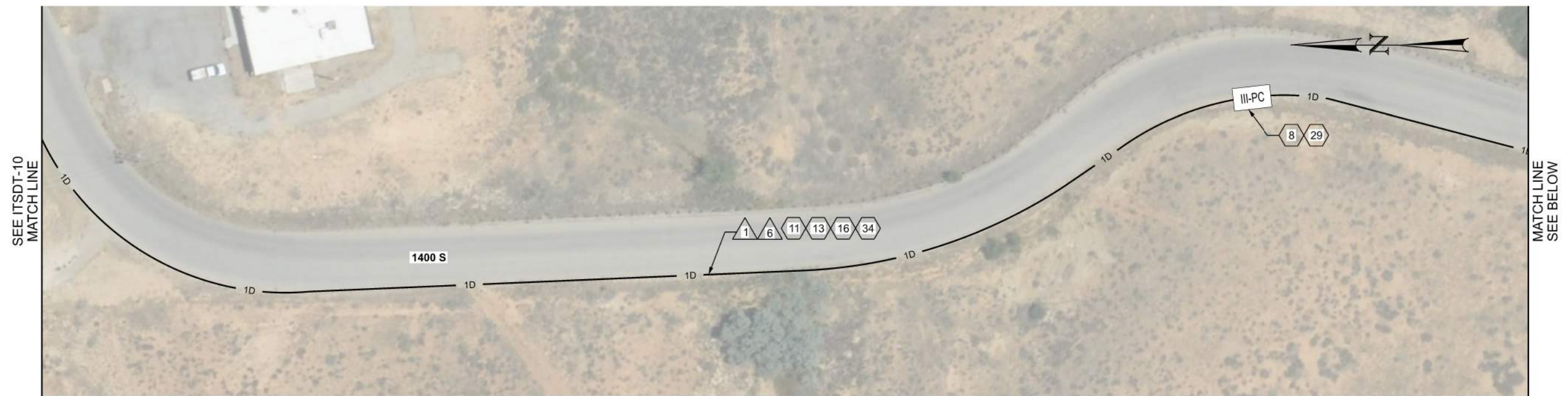
MATCH LINE
SEE BELOW

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

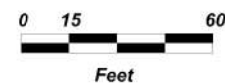
- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

UTAH DEPARTMENT OF TRANSPORTATION		JURASSIC US-40 FIBER OPTICS		REVISIONS	
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	UTAH DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER	UTE INDIAN TRIBAL JUSTICE CENTER	F-0040(251)125	PIN	22900	UTAH DEPARTMENT OF TRANSPORTATION
APPROVED	Gemma Gage	1/15/2026	DATE	RE	REMARKS
PROFESSIONAL ENGINEER	Gemma Gage	1/15/2026	DATE	RE	REMARKS
SHEET NO.	ITS-DT-08	F-0040(251)125	PIN	22900	UTAH DEPARTMENT OF TRANSPORTATION



ITS CONSTRUCTION NOTES:

- | | |
|----|---|
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 14 | DIRECTIONAL BORE REQ'D |
| 16 | PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D |
| 29 | INSTALL STATE FURNISHED JUNCTION BOX REQ'D |
| 34 | 1D CONDUIT |



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

1. ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
3. CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
4. CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

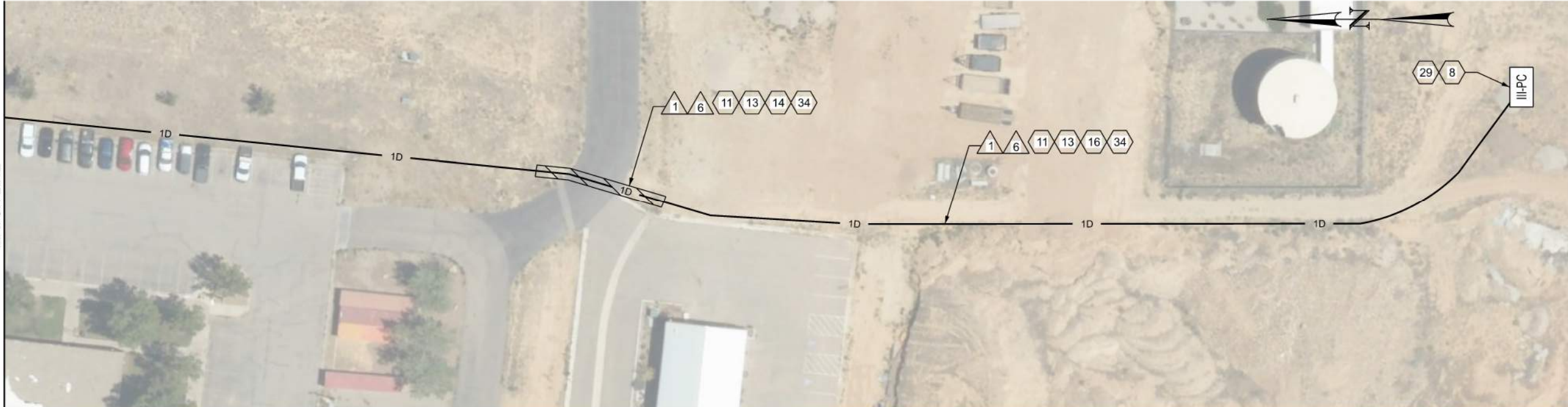
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15-JAN-2026

SEE ITS DT-13
MATCH LINE

ITS CONSTRUCTION NOTES:

- | | |
|----|---|
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 14 | DIRECTIONAL BORE REQ'D |
| 16 | PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D |
| 29 | INSTALL STATE FURNISHED JUNCTION BOX REQ'D |
| 34 | 1D CONDUIT |



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

1. ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
3. CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
4. CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED

SHEET NO.		ITS-DT-14	
PROJECT	JURASSIC US-40 FIBER OPTICS		
SEGMENT D			
PROJECT NUMBER	F-0040(251)125	PIN	22900
UTE INDIAN TRIBAL JUSTICE CENTER			
APPROVED  1/15/2026 DATE			
UTAH DEPARTMENT OF TRANSPORTATION		22900	
DRAWN BY		JJ	
QC CHECKED BY		RE	
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
REVISIONS			
REMARKS			



ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 4 TIE INTO EXISTING II-PC PULL BOX
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 31 INSTALL STATE FURNISHED WIFI HOTSPOT
- 37 TIE INTO EXISTING III-PC PULL BOX

- 39 ONE 2-INCH CONDUIT
- 54 EXISTING 144 STRAND FOC INSTALLED BY SEGMENT B PROJECT (22898). PROTECT IN PLACE.
- 57 INSTALL CAT 6 CABLE IN EXISTING AND PROPOSED 2\"/>

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.
- FOR CONTINUATION OF 144 SMFO CABLE SEE SHEET (ITS-70).



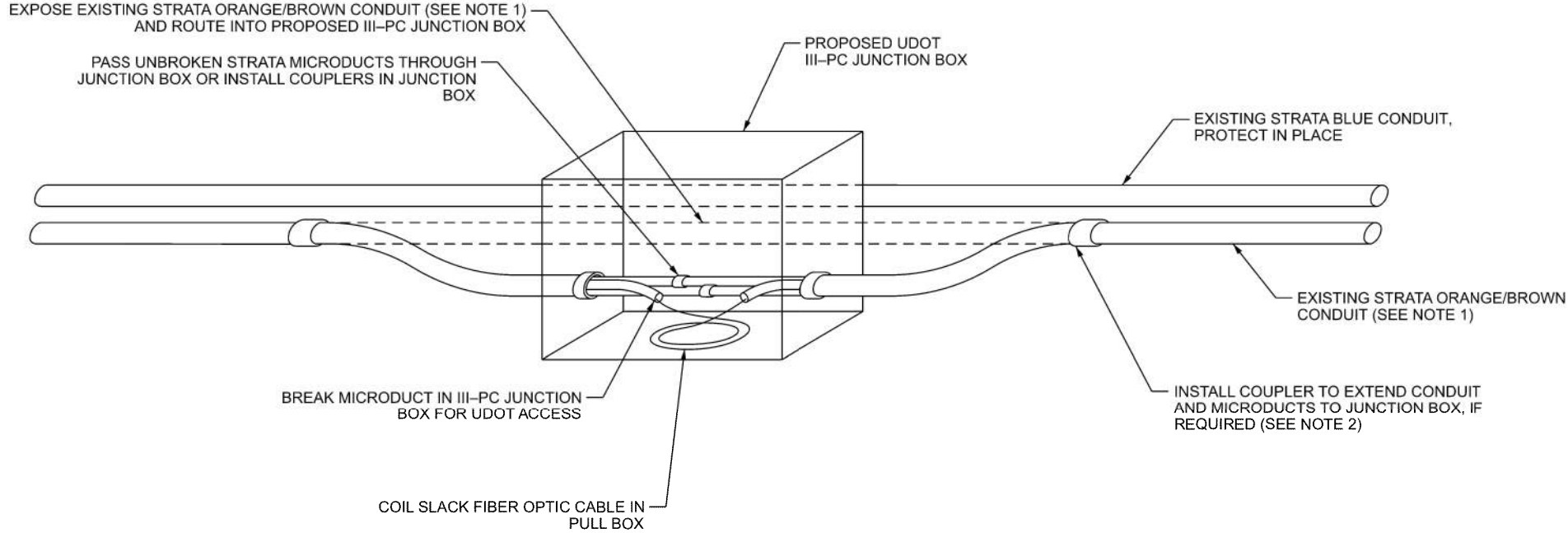
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PROJECT NUMBER		F-0040(251)125		PIN		22900		APPROVED		DRAWN BY			
		ITS WIFI DESIGN						1/16/2026		OC CHECKED BY			
								DATE		APPROVED BY			
								PROFESSIONAL ENGINEER		NO.		DATE	
										APPROVED BY		REMARKS	



CONDUIT BUILDING ENTRY

JENSEN WELCOME CENTER

SHEET NO.		UTAH DEPARTMENT OF TRANSPORTATION										REVISIONS					
PROJECT JURASSIC US-40 FIBER OPTICS - SEGMENT D		PROJECT NUMBER F-0040(251)125		PIN 22900		APPROVED		DRAWN BY		JJ							
						<i>Gemma Gage</i>		QC CHECKED BY		RE							
CONDUIT RACK DETAILS I						1/19/2026		DATE									
						PROFESSIONAL ENGINEER											
												NO.	DATE	APPROVED BY		REMARKS	



STRATA MICRODUCT ACCESS DETAIL
PROPOSED UDOT III-PC JUNCTION BOX CONDUIT INTERCEPT

NOTES

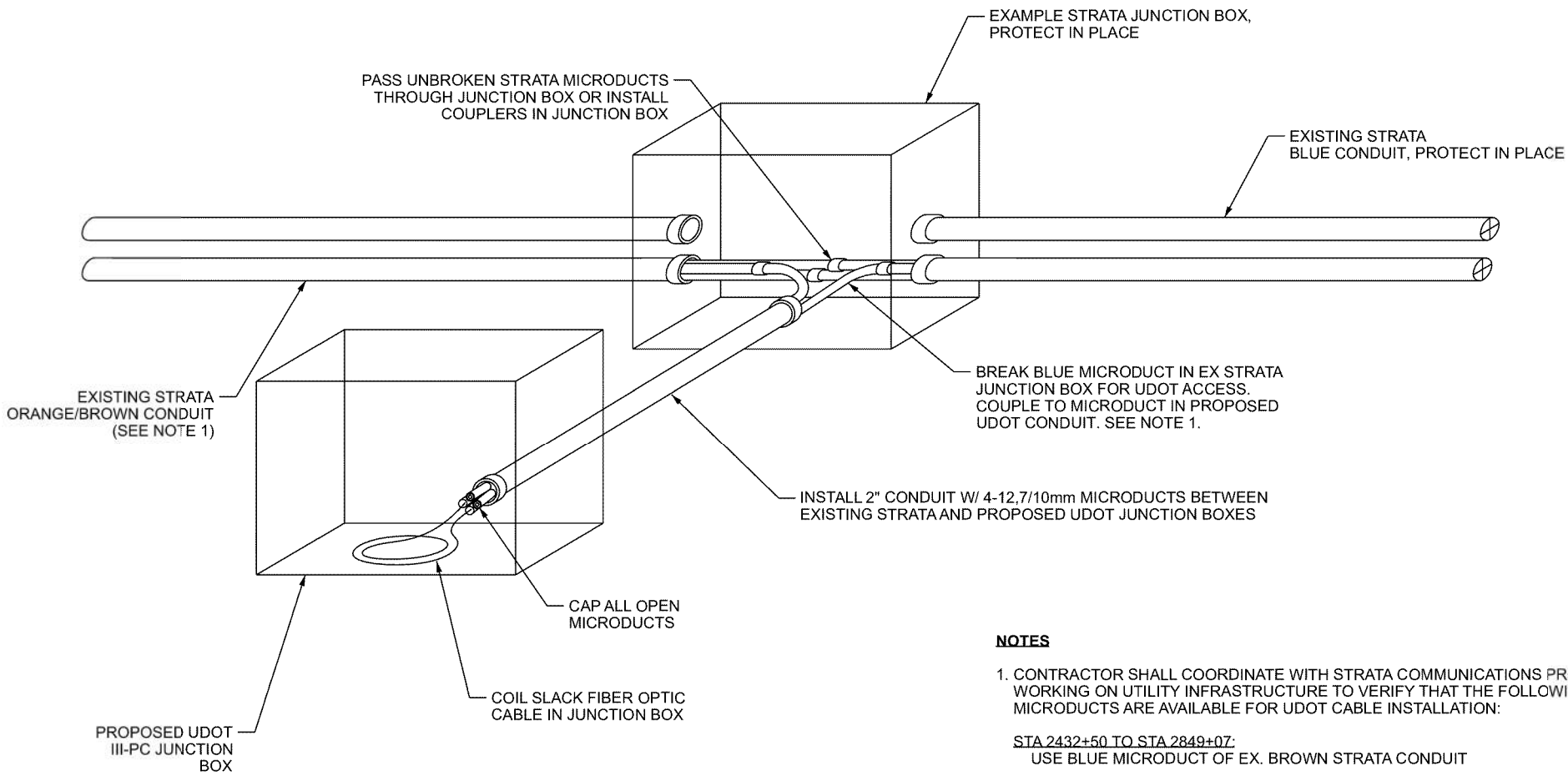
1. CONTRACTOR SHALL COORDINATE WITH STRATA COMMUNICATIONS PRIOR TO WORKING ON UTILITY INFRASTRUCTURE TO VERIFY THAT THE FOLLOWING MICRODUCTS ARE AVAILABLE FOR UDOT CABLE INSTALLATION:

STA 2432+50 TO STA 2849+07:
USE BLUE MICRODUCT OF EX. BROWN STRATA CONDUIT

STA 2849+07 TO STA 3769+04:
USE BLUE MICRODUCT OF EX. ORANGE STRATA CONDUIT
2. CONTRACTOR MAY USE CONDUIT COUPLERS TO INSTALL CONDUIT AND MICRODUCT EXTENSIONS INTO THE PROPOSED JUNCTION BOX IF THE EXISTING CONDUIT IS NOT LONG ENOUGH TO REACH THE PROPOSED JUNCTION BOX LOCATION. CONDUIT AND MICRODUCT EXTENSIONS SHALL MATCH THE MATERIAL, DIMENSIONS, AND COLOR OF THE EXISTING CONDUITS AND MICRODUCTS.
3. CONDUIT AND MICRODUCT COUPLINGS SHALL BE AIR-TIGHT AND PERMANENTLY AFFIXED TO CONDUITS AND MICRODUCTS.
4. SOME EXISTING STRATA CONDUITS ARE NOT SHOWN FOR THE PURPOSE OF CLARITY. PROTECT IN PLACE ALL EXISTING STRATA CONDUITS.
5. THE COST OF MATERIAL AND LABOR FOR CONDUIT AND MICRODUCT FITTINGS AND EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT COST OF MICRODUCT INSTALLATION

[illegible]

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STRATA MICRODUCT ACCESS DETAIL
PROPOSED UDOT III-PC JUNCTION BOX ADJACENT TO EXISTING STRATA JUNCTION BOX

NOTES

1. CONTRACTOR SHALL COORDINATE WITH STRATA COMMUNICATIONS PRIOR TO WORKING ON UTILITY INFRASTRUCTURE TO VERIFY THAT THE FOLLOWING MICRODUCTS ARE AVAILABLE FOR UDOT CABLE INSTALLATION:

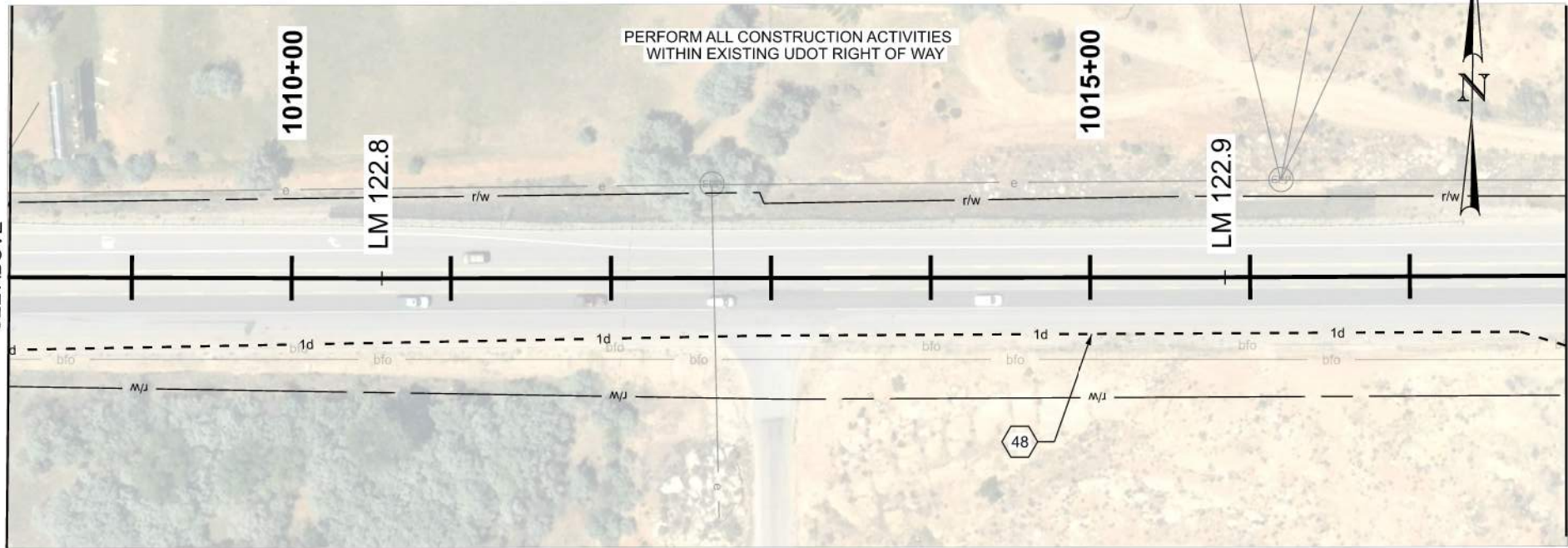
STA 2432+50 TO STA 2849+07:
USE BLUE MICRODUCT OF EX. BROWN STRATA CONDUIT

STA 2849+07 TO STA 3769+04:
USE BLUE MICRODUCT OF EX. ORANGE STRATA CONDUIT
2. CONTRACTOR MAY USE CONDUIT COUPLERS TO INSTALL CONDUIT AND MICRODUCT EXTENSIONS INTO THE PROPOSED JUNCTION BOX IF THE EXISTING CONDUIT IS NOT LONG ENOUGH TO REACH THE PROPOSED JUNCTION BOX LOCATION. CONDUIT AND MICRODUCT EXTENSIONS SHALL MATCH THE MATERIAL, DIMENSIONS, AND COLOR OF THE EXISTING CONDUITS AND MICRODUCTS.
3. CONDUIT AND MICRODUCT COUPLINGS SHALL BE AIR-TIGHT AND PERMANENTLY AFFIXED TO CONDUITS AND MICRODUCTS.
4. SOME EXISTING STRATA CONDUITS ARE NOT SHOWN FOR THE PURPOSE OF CLARITY. PROTECT IN PLACE ALL EXISTING STRATA CONDUITS.
5. THE COST OF MATERIAL AND LABOR FOR CONDUIT AND MICRODUCT FITTINGS AND EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT COST OF MICRODUCT INSTALLATION

PROJECT		JURASSIC US-40 FIBER OPTICS		- SEGMENT D		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS			
PROJECT NUMBER	F-0040(251)125	PIN	22900	APPROVED	<i>Gemma Gage</i>	12/31/2025	DRAWN BY	JJ					
JUNCTION BOX CONDUIT ENTRY DETAIL II				PROFESSIONAL ENGINEER	DATE	QC CHECKED BY	RE						
SHEET NO.				ITSDT-20				NO.	DATE	APPROVED BY	REMARKS		

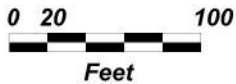
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MATCH LINE 1008+22.43 (LM 122.75)
SEE ABOVE



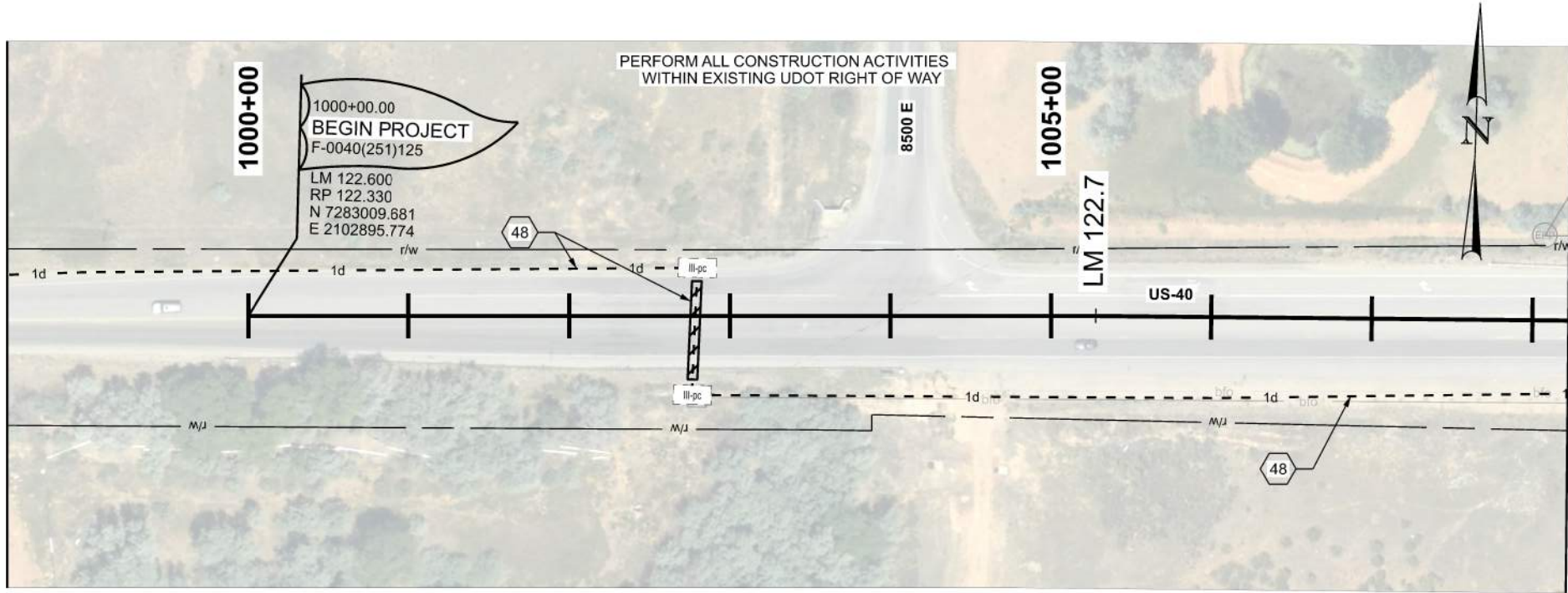
ITS CONSTRUCTION NOTES:

- 48 EXISTING 144 STRAND FOC INSTALLED AS PART OF SEGMENT C (F-0040(250)86) - PROTECT IN PLACE



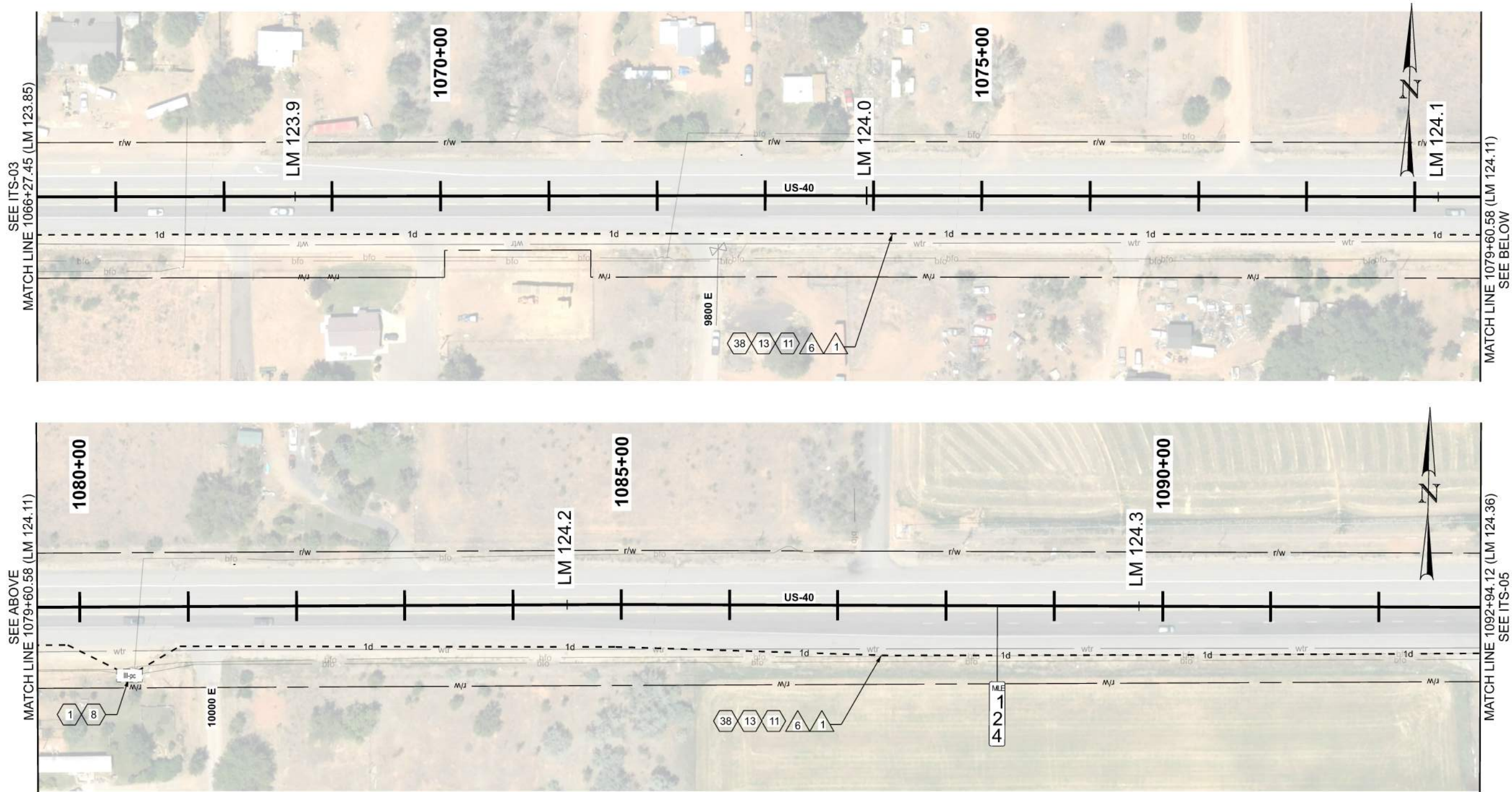
GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.



SHEET NO.		ITS-01	
PROJECT		JURASSIC US-40 FIBER OPTICS	
PROJECT NUMBER		SEGMENT D	
		F-0040(251)125	
		PIN	
		22900	
		ITS	
		2/2/2026	
		DATE	
		OC CHECKED BY	
		JJ	
		DRAWN BY	
		APPROVED	
		Jenna Gage	
		PROFESSIONAL ENGINEER	
		UTAH DEPARTMENT OF TRANSPORTATION	
		22900	
		REVISIONS	
		NO.	
		DATE	
		APPROVED BY	
		REMARKS	

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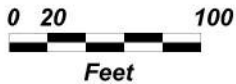
ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 38 PROOF EXISTING CONDUIT

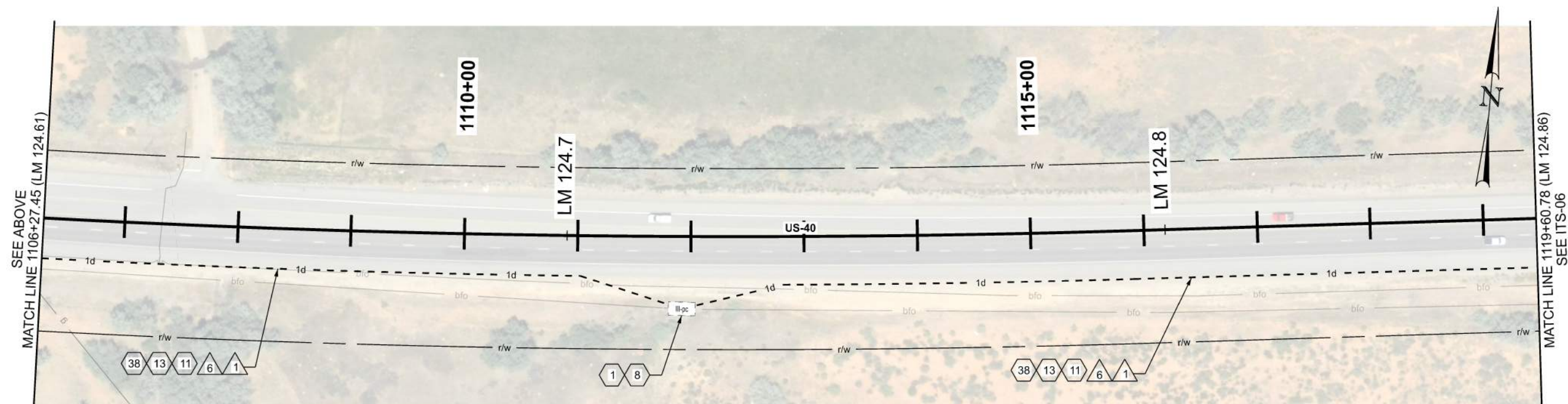
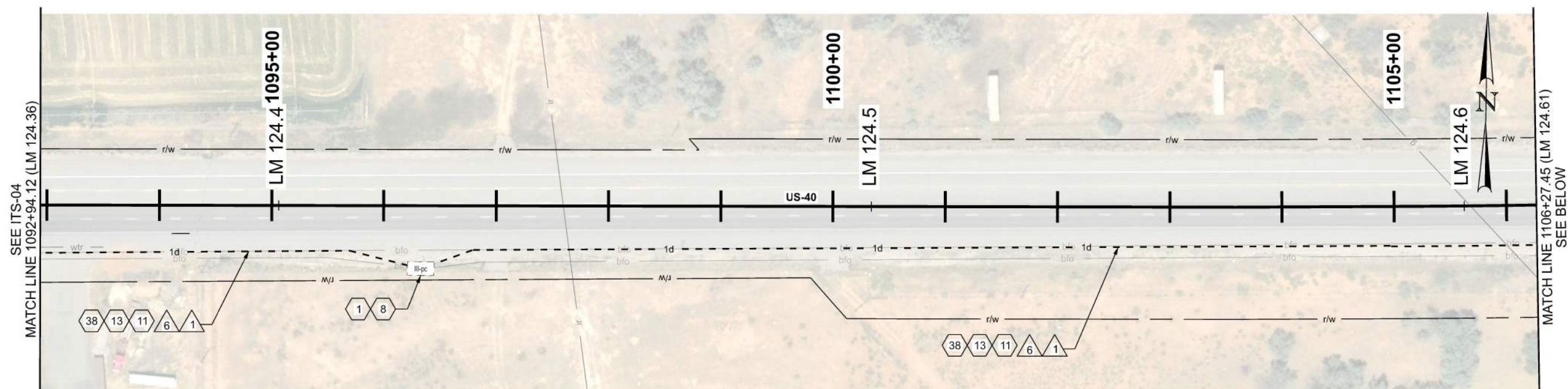
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

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- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.



JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS								
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED	5						
						4						
PROJECT NUMBER	F-0040(251)125	F-0040(251)125	PIN	22900	APPROVED	3						
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PROJECT NUMBER	F-0040(251)125	F-0040(251)125	PIN	22900	APPROVED	1						
						1						
ITS		ITS		DATE		APPROVED BY		REMARKS				
2/2/2026		2/2/2026		2/2/2026		Genna Gage						
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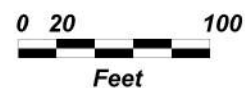
ITS CONSTRUCTION NOTES:

- | | |
|----|---|
| 1 | PROTECT IN PLACE |
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 38 | PROOF EXISTING CONDUIT |

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

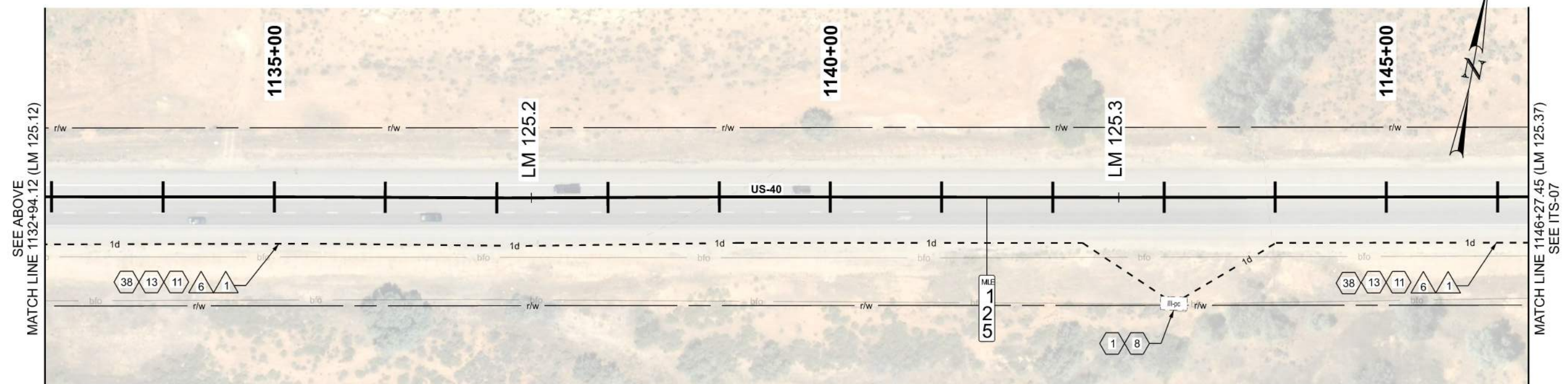
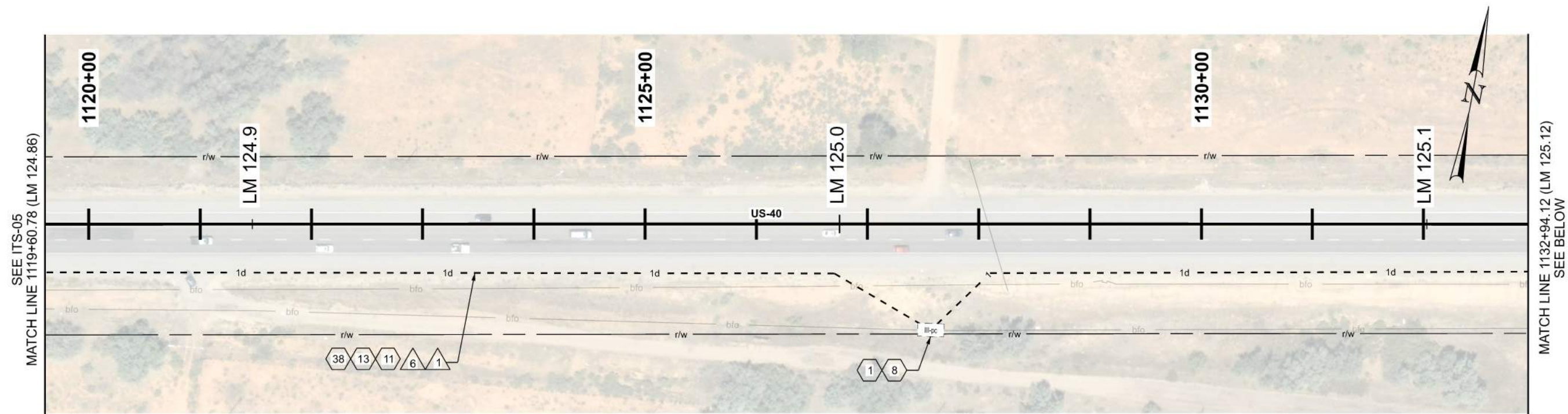
GENERAL NOTES:

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SHEET NO.		ITS-05	
PROJECT	JURASSIC US-40 FIBER OPTICS		
	SEGMENT D		
PROJECT NUMBER	F-0040(251)125	PIN	22900
	ITS		
APPROVED  2/2/2026 QC CHECKED BY RF DRAWN BY JJ			
UTAH DEPARTMENT OF TRANSPORTATION 22900 REVISEMENTS			

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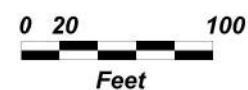
ITS CONSTRUCTION NOTES:

- | | |
|----|---|
| 1 | PROTECT IN PLACE |
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 38 | PROOF EXISTING CONDUIT |

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

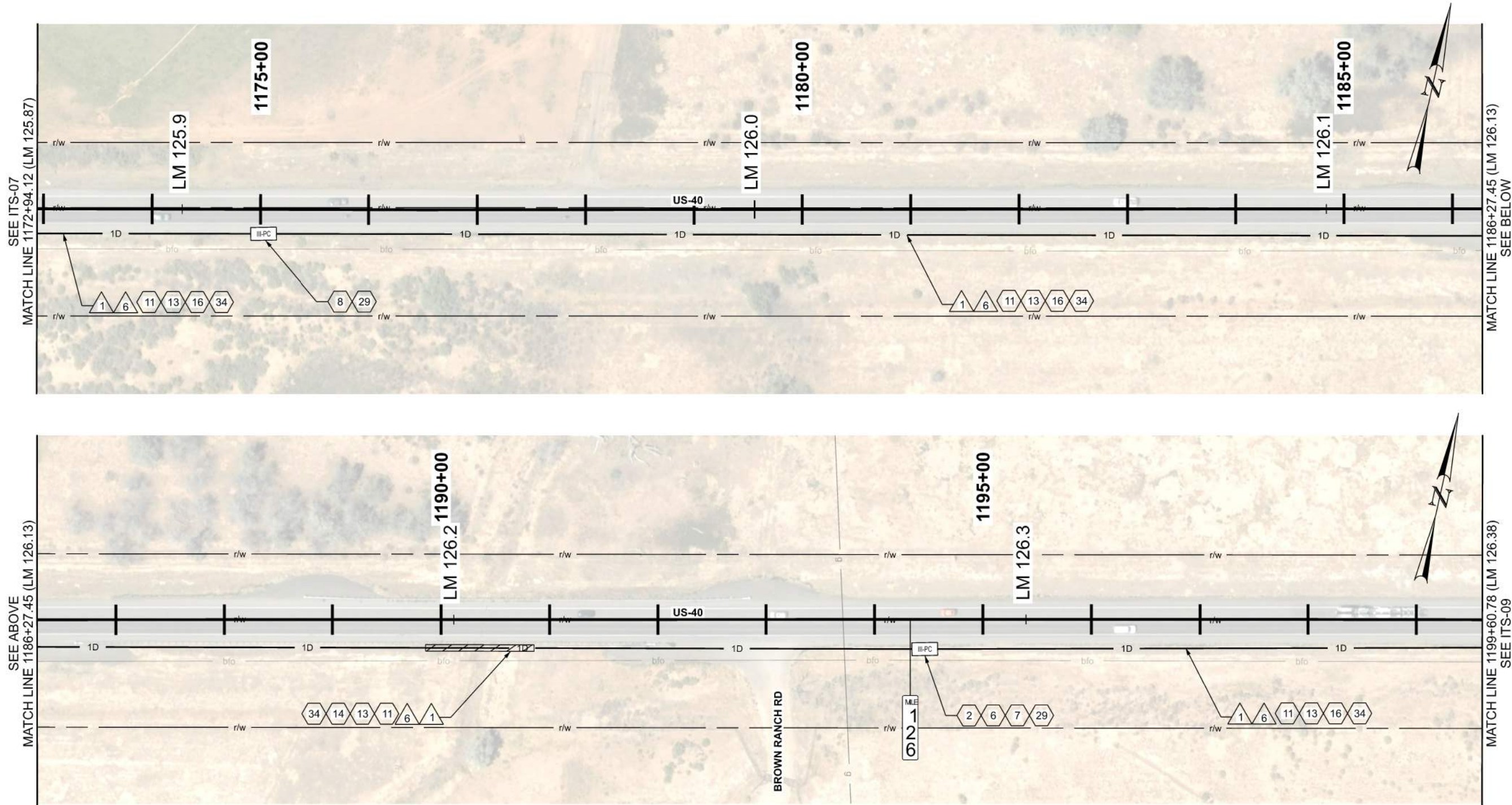
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SHEET NO.	JURASSIC US-40 FIBER OPTICS			22900			UTAH DEPARTMENT OF TRANSPORTATION			22900			REVISED											
	PROJECT							APPROVED			DRAWN BY JJ													
	PROJECT NUMBER	F-0040(251)125			PIN						QC CHECKED BY													
										2/2/2026														
										DATE														
ITS-06										PROFESSIONAL ENGINEER			RE			DATE			APPROVED BY			REMARKS		

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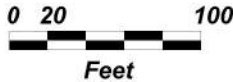
ITS CONSTRUCTION NOTES:

- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

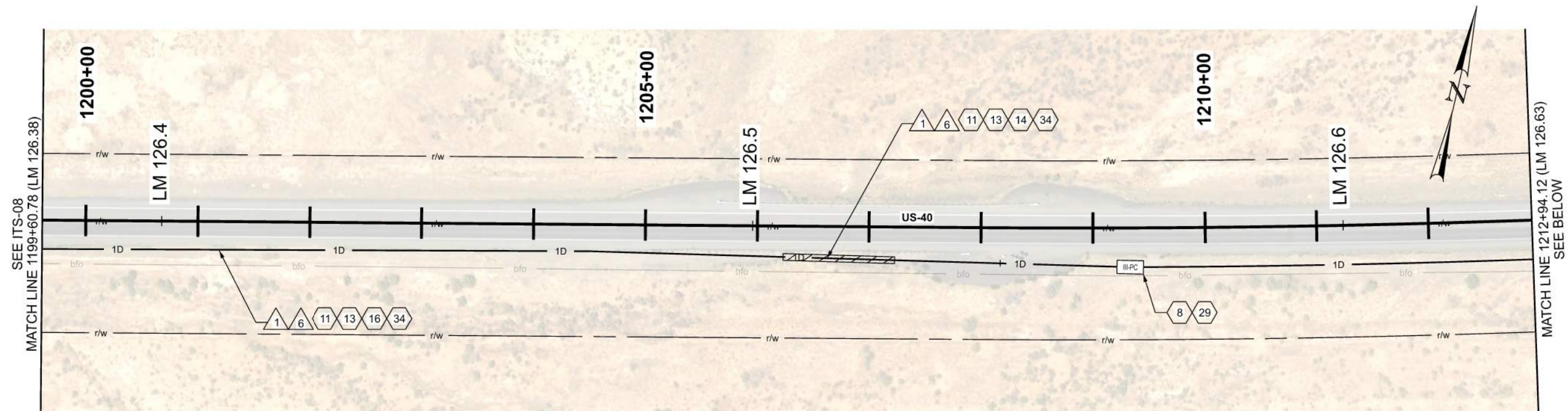
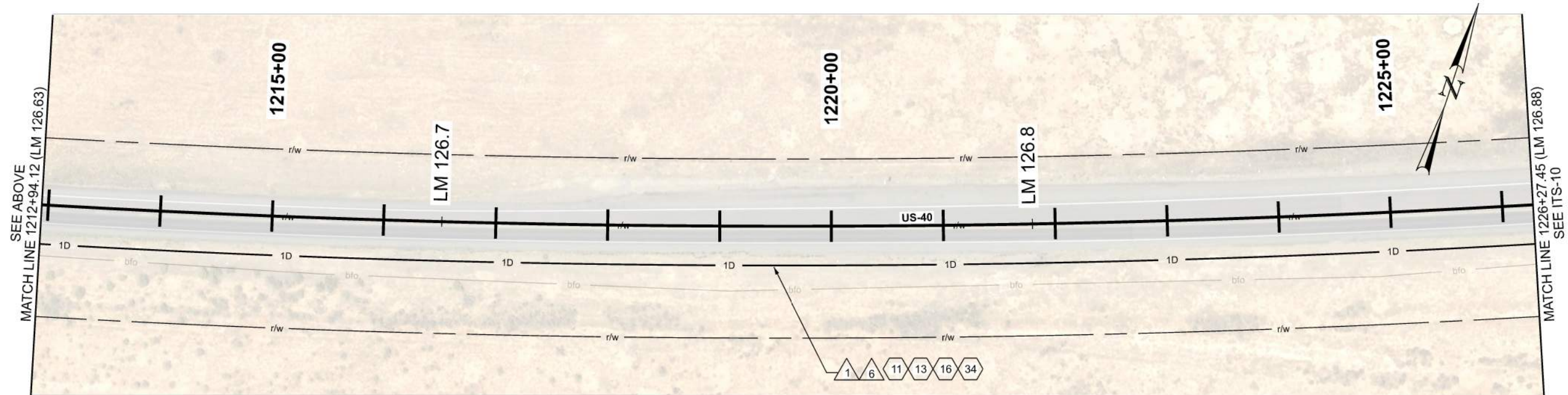
GENERAL NOTES:

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- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL VERIFY SUITABILITY OF LOCATIONS FOR DIRECTIONAL BORES IN THE FIELD. WHERE PRACTICAL, CONTRACTOR MAY TRENCH IN LIEU OF BORING BEHIND GUARDRAILS ONLY WHERE NO CULVERTS ARE PRESENT. A MINIMUM CLEARANCE OF 5 FEET SHALL BE MAINTAINED WHERE BORING IS CONDUCTED BEHIND GUARDRAILS.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.



UTAH DEPARTMENT OF TRANSPORTATION		22900	
APPROVED		DRAWN BY	JJ
PROFESSIONAL ENGINEER		QC CHECKED BY	RE
2/2/2026		DATE	
JURASSIC US-40 FIBER OPTICS		ITS	
SEGMENT D		F-0040(251)125	
PROJECT NUMBER		22900	
PROJECT		PIN	
SHEET NO.		ITS-08	

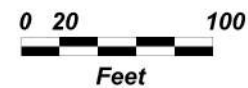
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- ITS CONSTRUCTION NOTES:**
- | | |
|----|---|
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 14 | DIRECTIONAL BORE REQ'D |
| 16 | PLow OR TRENCH OUTSIDE OF ROADWAY REQ'D |
| 29 | INSTALL STATE FURNISHED JUNCTION BOX REQ'D |
| 34 | 1D CONDUIT |

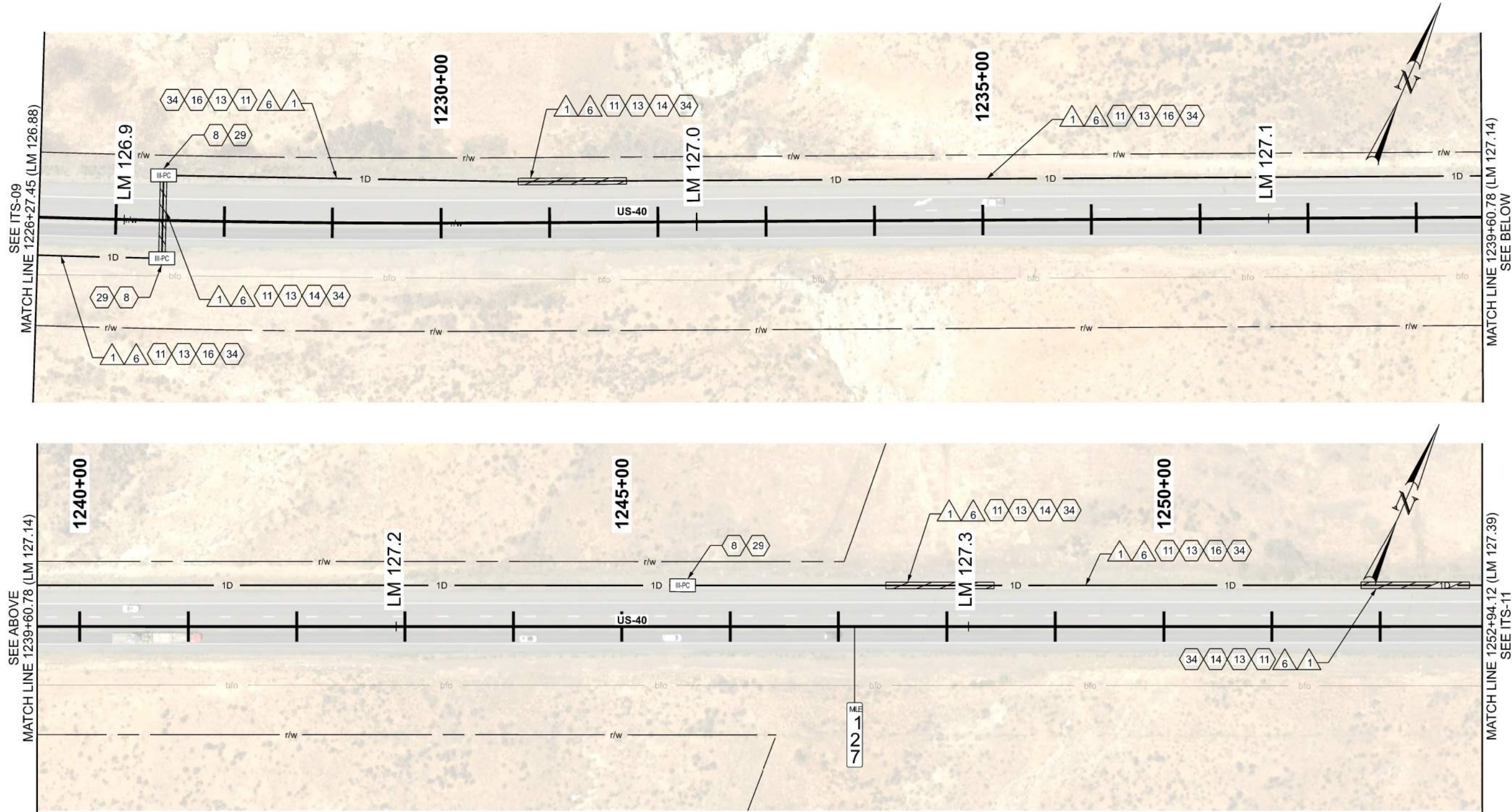
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

- GENERAL NOTES:**
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SHEET NO.		ITS-09																					
PROJECT	JURASSIC US-40 FIBER OPTICS																						
	SEGMENT D																						
PROJECT NUMBER	F-0040(251)125	PIN	22900																				
	ITS																						
APPROVED 		DRAWN BY JJ OC CHECKED BY RE DATE 2/2/2026																					
UTAH DEPARTMENT OF TRANSPORTATION 22900		PROFESSIONAL ENGINEER _____ DATE _____																					
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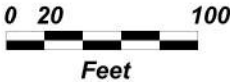
ITS CONSTRUCTION NOTES:

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- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
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- 14 DIRECTIONAL BORE REQ'D
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- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

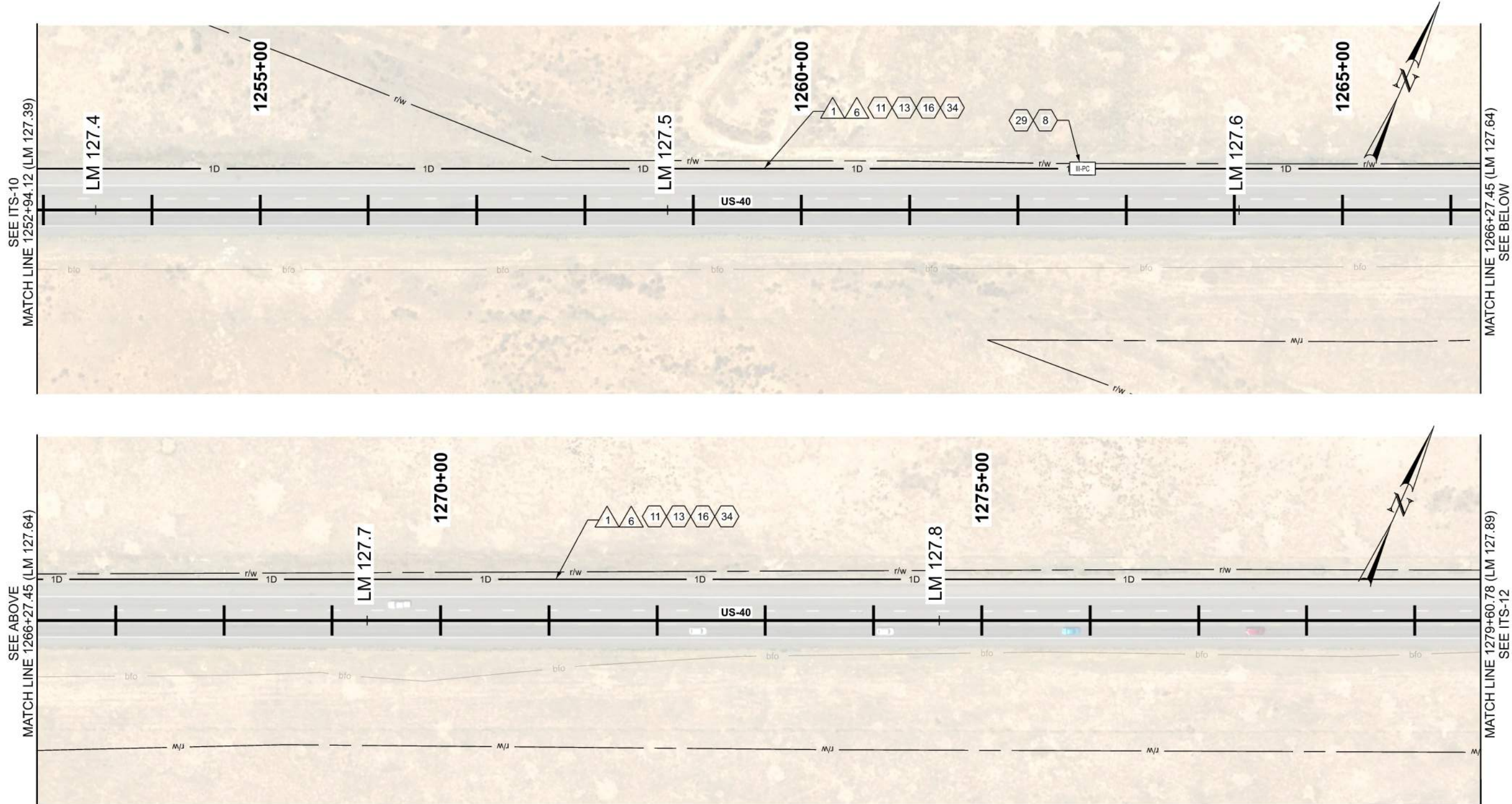
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- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.



UTAH DEPARTMENT OF TRANSPORTATION		22900	
JURASSIC US-40 FIBER OPTICS		APPROVED	
SEGMENT D		DRAWN BY JJ	
F-0040(251)125		OC CHECKED BY	
PROJECT NUMBER		2/2/2026	
ITS		DATE	
SHEET NO. ITS-10		PROFESSIONAL ENGINEER	
REVISIONS		RE	
5		NO.	
4		DATE	
3		APPROVED BY	
2		REMARKS	
1			

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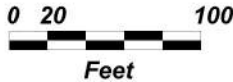
ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

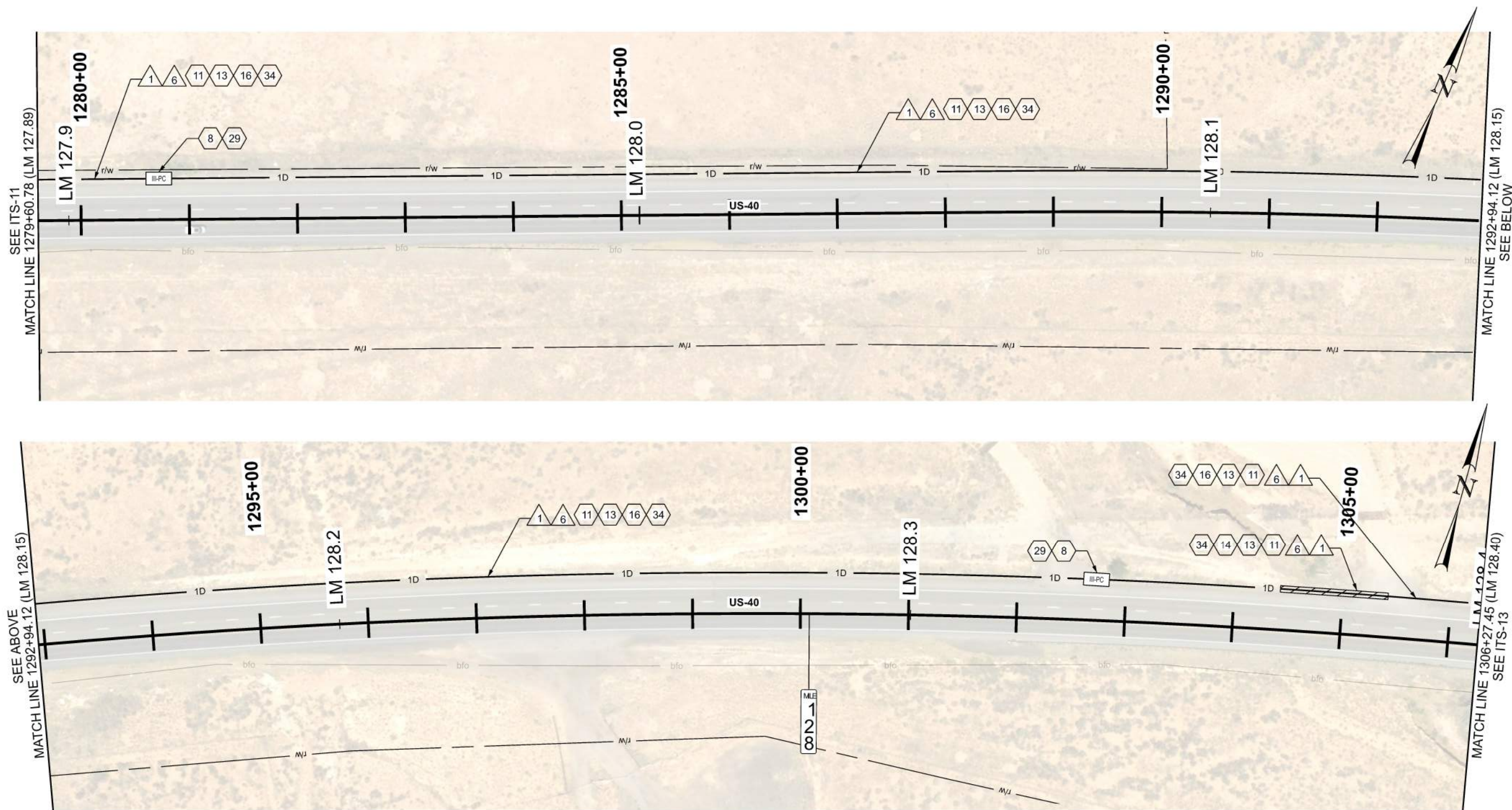
GENERAL NOTES:

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- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.



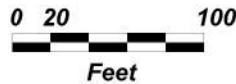
JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
		22900			
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED
PROJECT NUMBER	ITS	2/2/2026	DATE	JG	DRAWN BY
SHEET NO.	ITS-11	2/2/2026	DATE	JJ	CHECKED BY
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED
PROJECT NUMBER	ITS	2/2/2026	DATE	JG	DRAWN BY
SHEET NO.	ITS-11	2/2/2026	DATE	JJ	CHECKED BY
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED
PROJECT NUMBER	ITS	2/2/2026	DATE	JJ	CHECKED BY
SHEET NO.	ITS-11	2/2/2026	DATE	JJ	CHECKED BY
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED
PROJECT NUMBER	ITS	2/2/2026	DATE	JJ	CHECKED BY
SHEET NO.	ITS-11	2/2/2026	DATE	JJ	CHECKED BY
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED
PROJECT NUMBER	ITS	2/2/2026	DATE	JJ	CHECKED BY
SHEET NO.	ITS-11	2/2/2026	DATE	JJ	CHECKED BY
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED
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SHEET NO.	ITS-11	2/2/2026	DATE	JJ	CHECKED BY
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED

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ITS CONSTRUCTION NOTES:

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- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

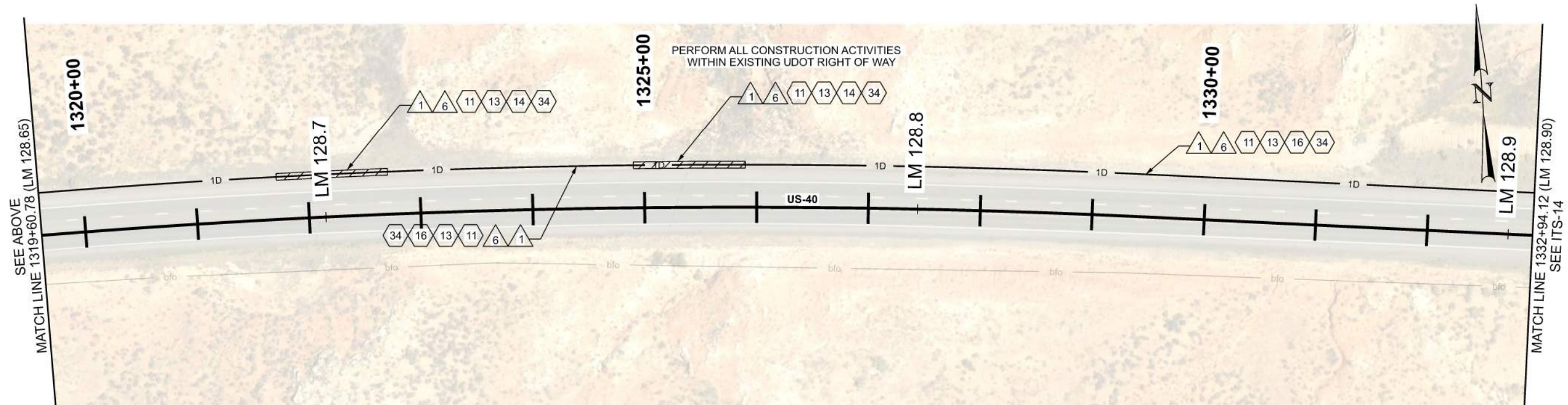
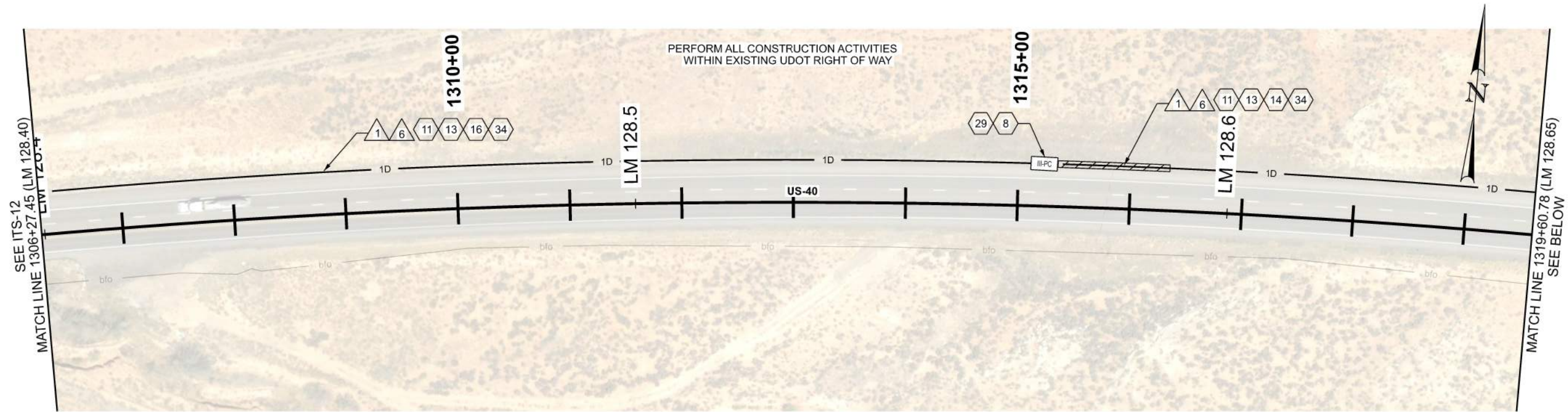


ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

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SHEET NO.		ITS-12		UTAH DEPARTMENT OF TRANSPORTATION		22900		REVISIONS	
PROJECT	JURASSIC US-40 FIBER OPTICS			APPROVED		DRAWN BY		JJ	
	SEGMENT D								
PROJECT NUMBER	F-0040(251)125			PIN		22900			
	ITS								
				PROFESSIONAL ENGINEER		2/2/2026			
				DATE		QC CHECKED BY		RE	
						NO.		DATE	
						APPROVED BY			



ITS CONSTRUCTION NOTES:

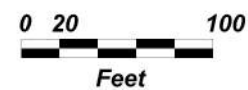
- | | |
|----|---|
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 14 | DIRECTIONAL BORE REQ'D |
| 16 | PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D |
| 29 | INSTALL STATE FURNISHED JUNCTION BOX REQ'D |
| 34 | 1D CONDUIT |

ITS WIRE SCHEDULE SUMMARY

NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

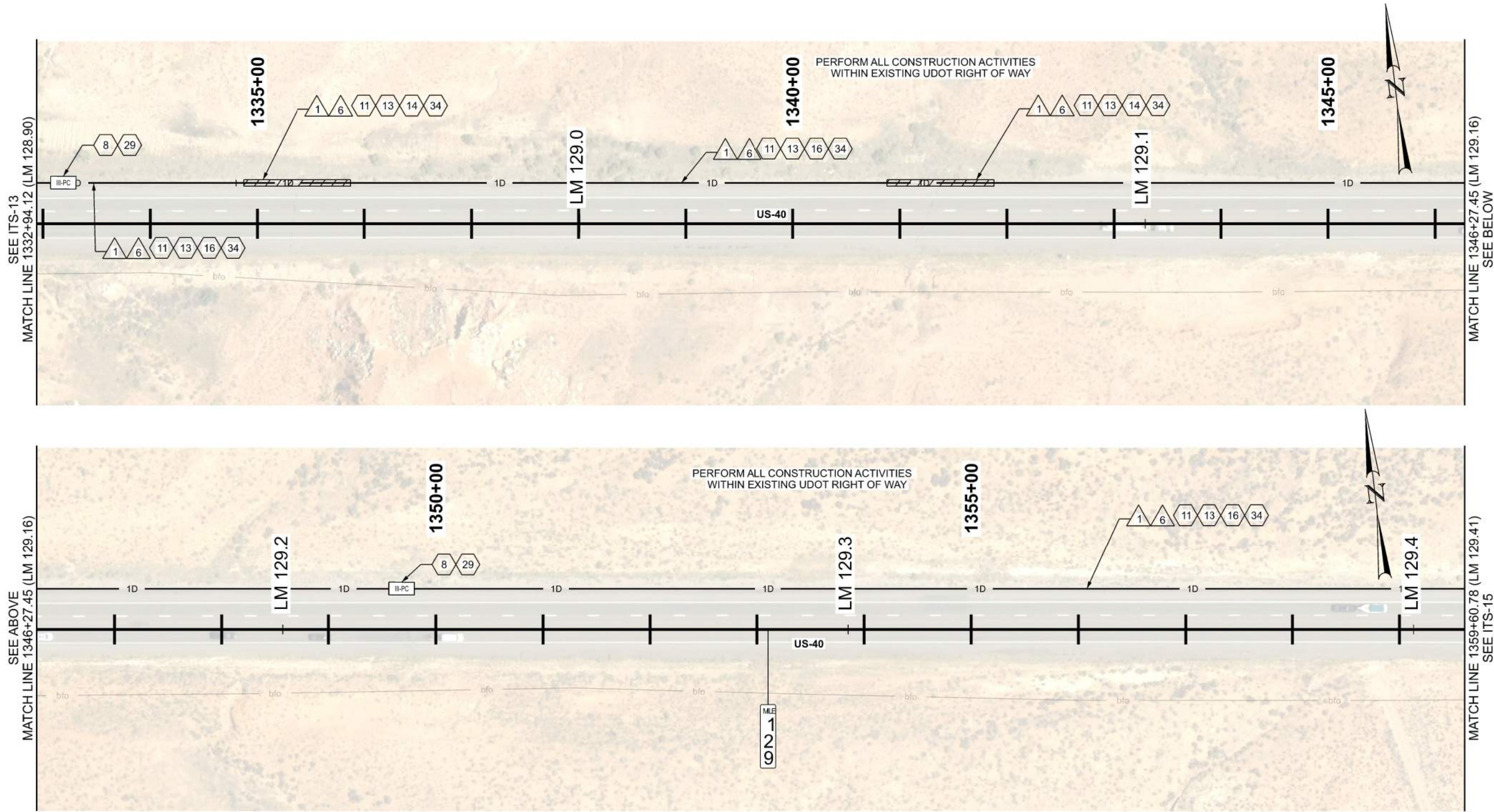
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5. EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.
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SHEET NO.	JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISONS	
	PROJECT	SEGMENT D	22900	APPROVED	22900	
ITS-13	PROJECT NUMBER	F-0040(251)125	PIN	22900	DRAWN BY	JJ
	ITS				QC CHECKED BY	RE
			PROFESSIONAL ENGINEER <i>Jenna Joyce</i> 2/2/2026 DATE		NO.	DATE
					APPROVED BY	REMARKS
					1	
					2	
					3	
					4	
					5	

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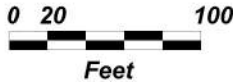
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- 34 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

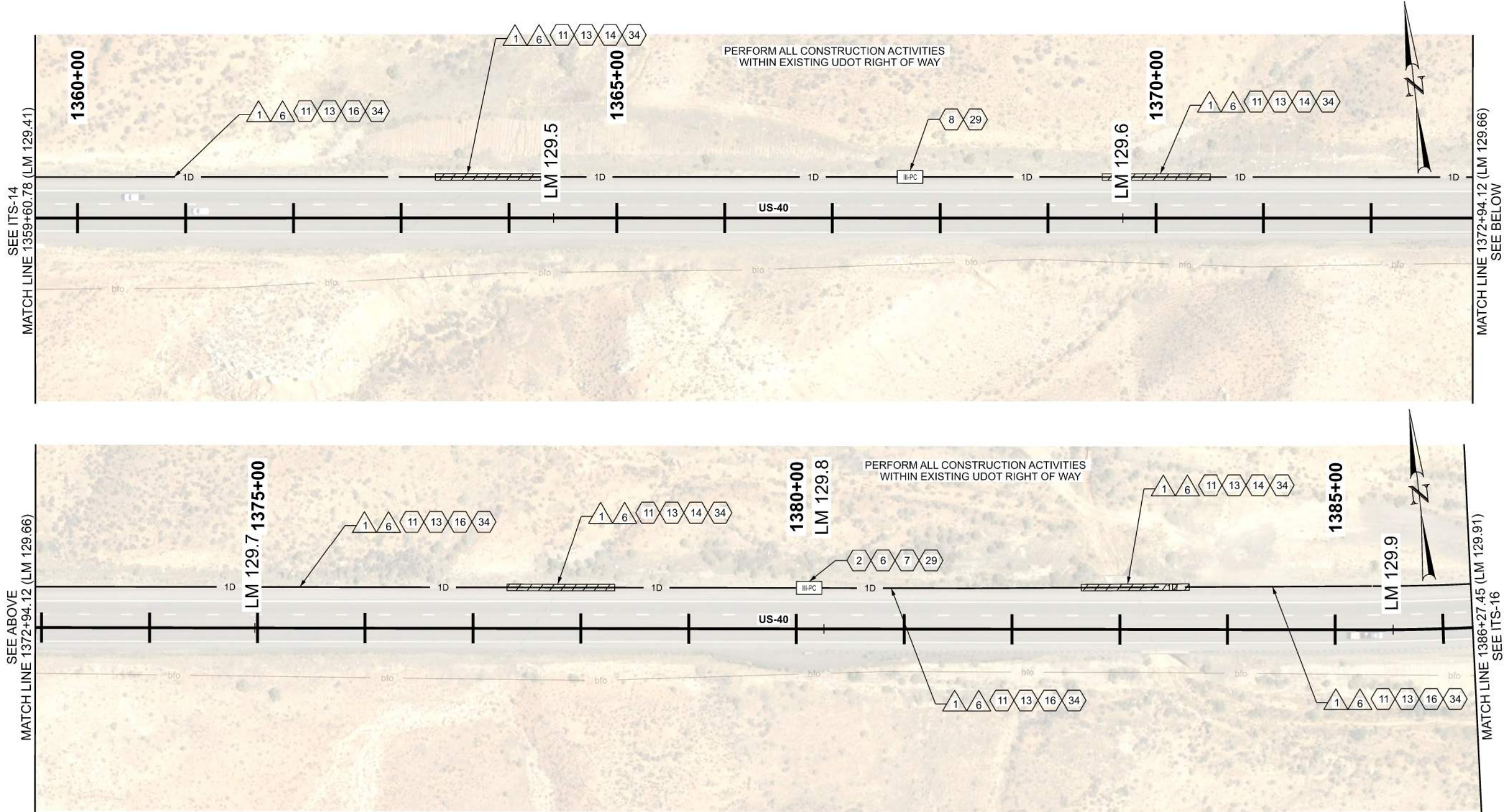
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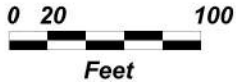
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APPROVED		PROJECT		PROJECT NUMBER		SHEET NO.	
22900		F-0040(251)125		22900		ITS-14	
DRAWN BY		CHECKED BY		DATE		REVISIONS	
JJ		RE		2/2/2026		NO.	
OC		DATE		APPROVED BY		REMARKS	
2/2/2026		DATE		1		5	
PROFESSIONAL ENGINEER		Gemma Gage		4		3	
DATE		2/2/2026		2		1	
DATE		2/2/2026		1		1	

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ITS CONSTRUCTION NOTES:

- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
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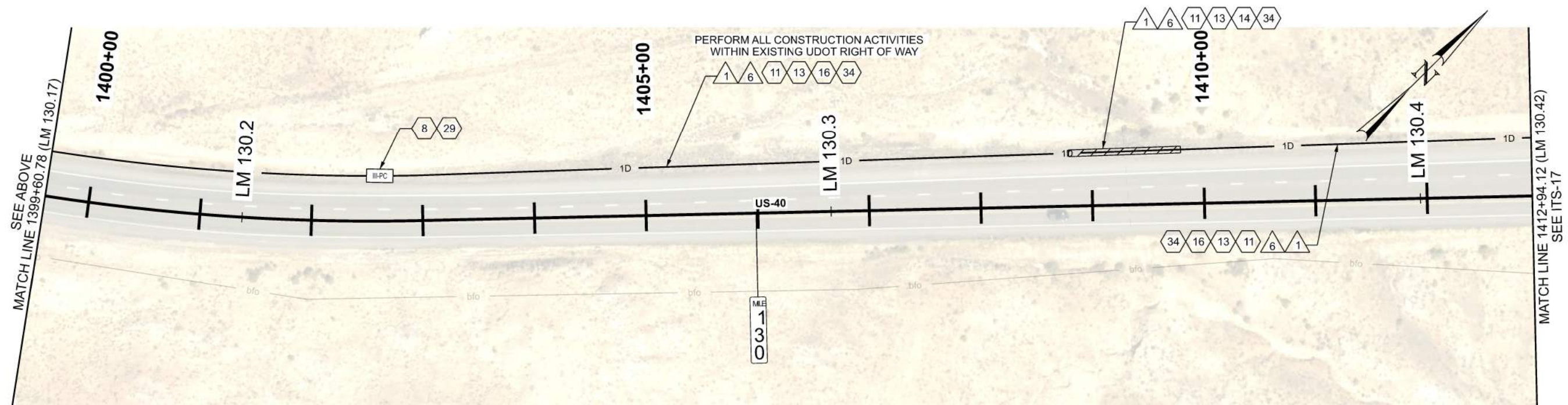
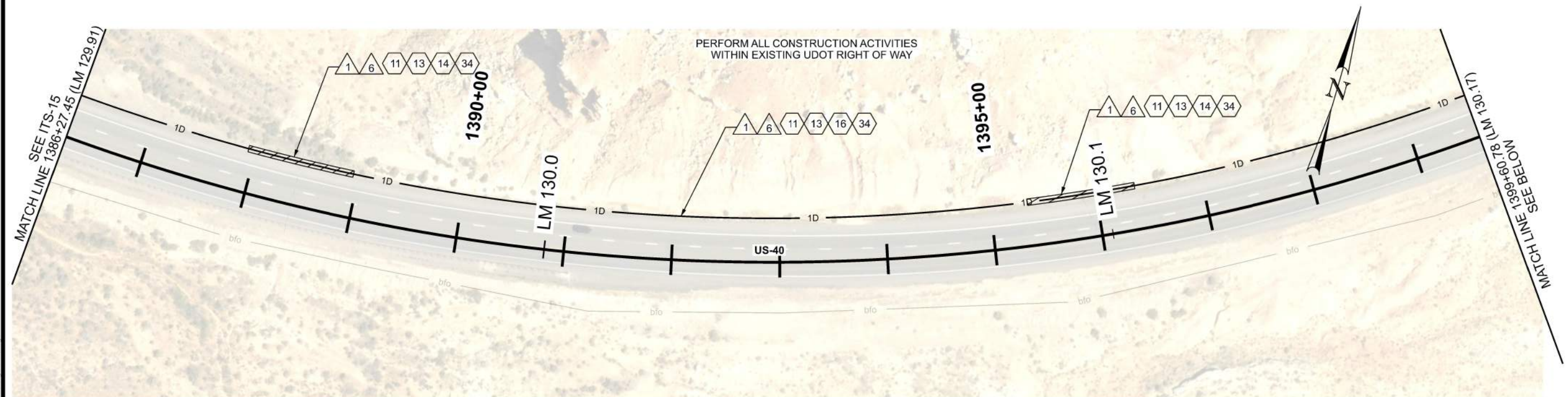
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
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UTAH DEPARTMENT OF TRANSPORTATION		22900	
APPROVED		DRAWN BY	JJ
PROFESSIONAL ENGINEER		QC CHECKED BY	RE
2/2/2026		DATE	
Genna Gage			
JURASSIC US-40 FIBER OPTICS		ITS	
SEGMENT D		F-0040(251)125	
PROJECT		PROJECT NUMBER	
22900		PIN	
SHEET NO.		ITS-15	

REVISIONS			
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NO.	DATE	APPROVED BY	REMARKS



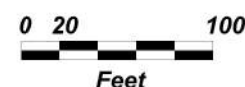
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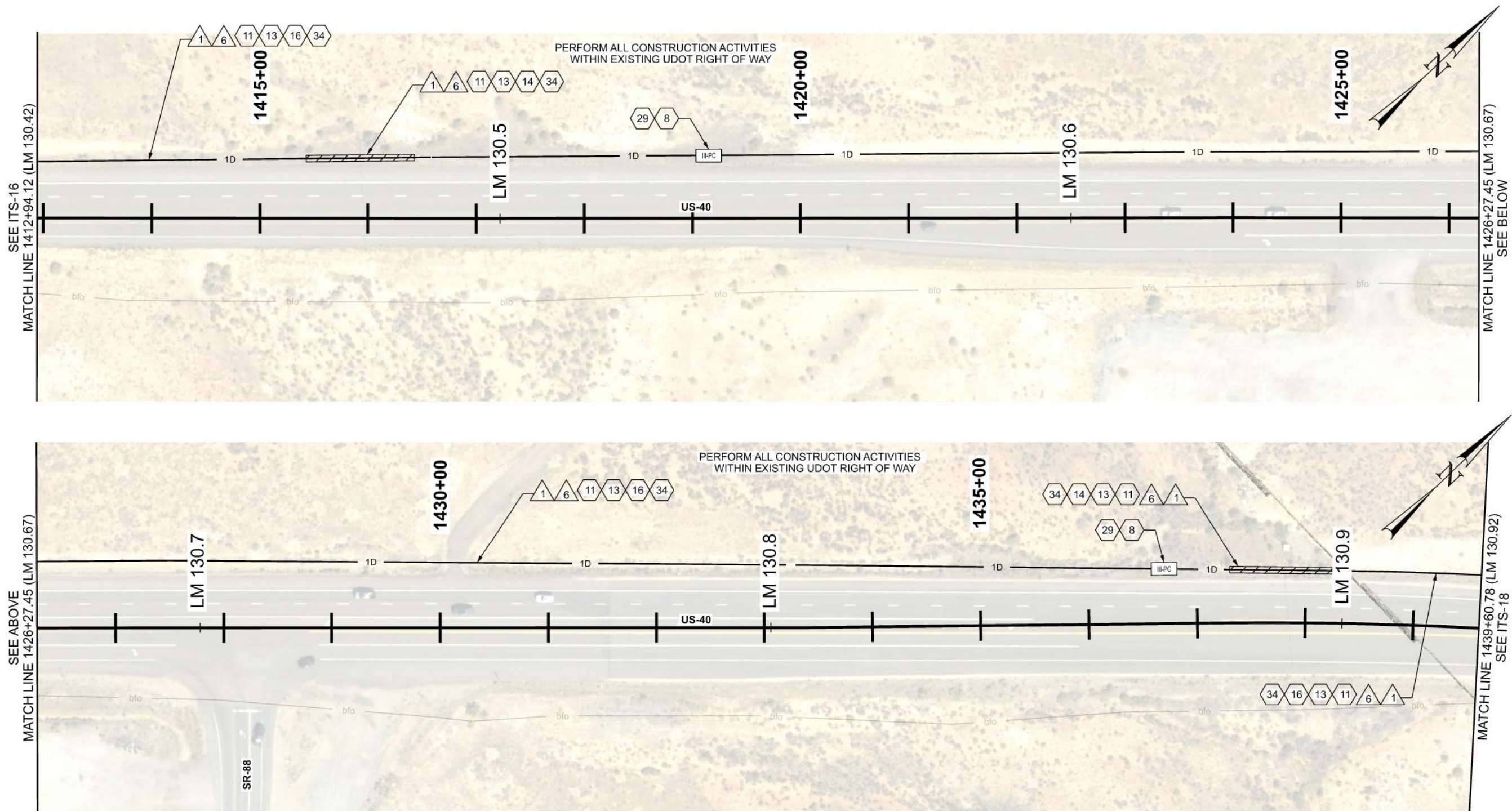
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PROJECT NUMBER		F-0040(251)125		22900			
		PIN		22900			
		ITS		22900			
		APPROVED		DRAWN BY			
		Jenna Gaje		JJ			
		2/2/2026		QC CHECKED BY			
		DATE		RE			
		PROFESSIONAL ENGINEER		NO.		APPROVED BY	
				1		REMARKS	

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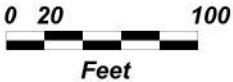
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UTAH DEPARTMENT OF TRANSPORTATION

22900

APPROVED

Gemma Gage

PROFESSIONAL ENGINEER

2/2/2026

DATE

QC

CHECKED BY

JJ

DRAWN BY

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JURASSIC US-40 FIBER OPTICS

SEGMENT D

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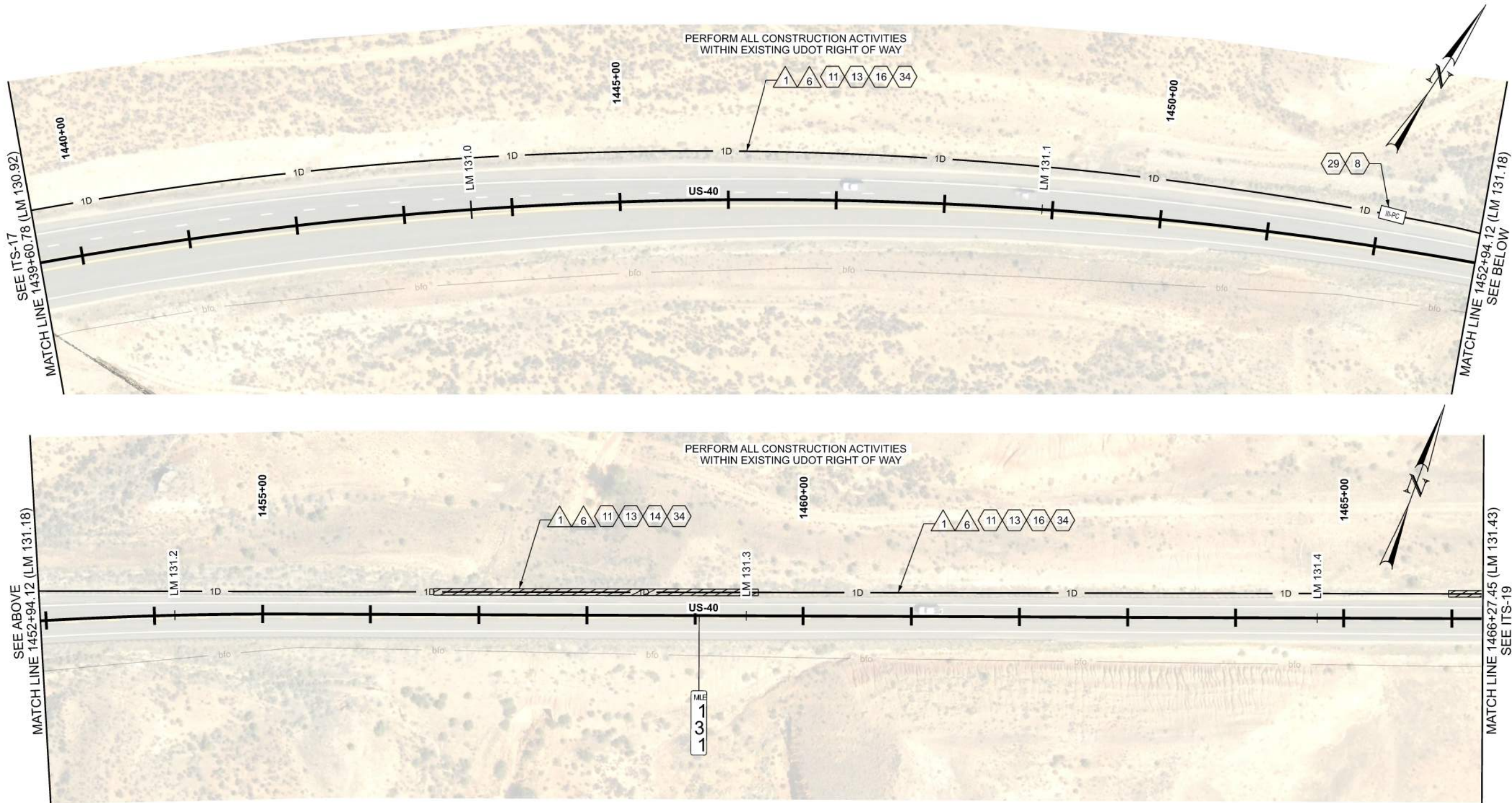
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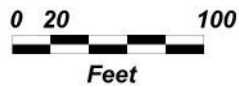
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ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT



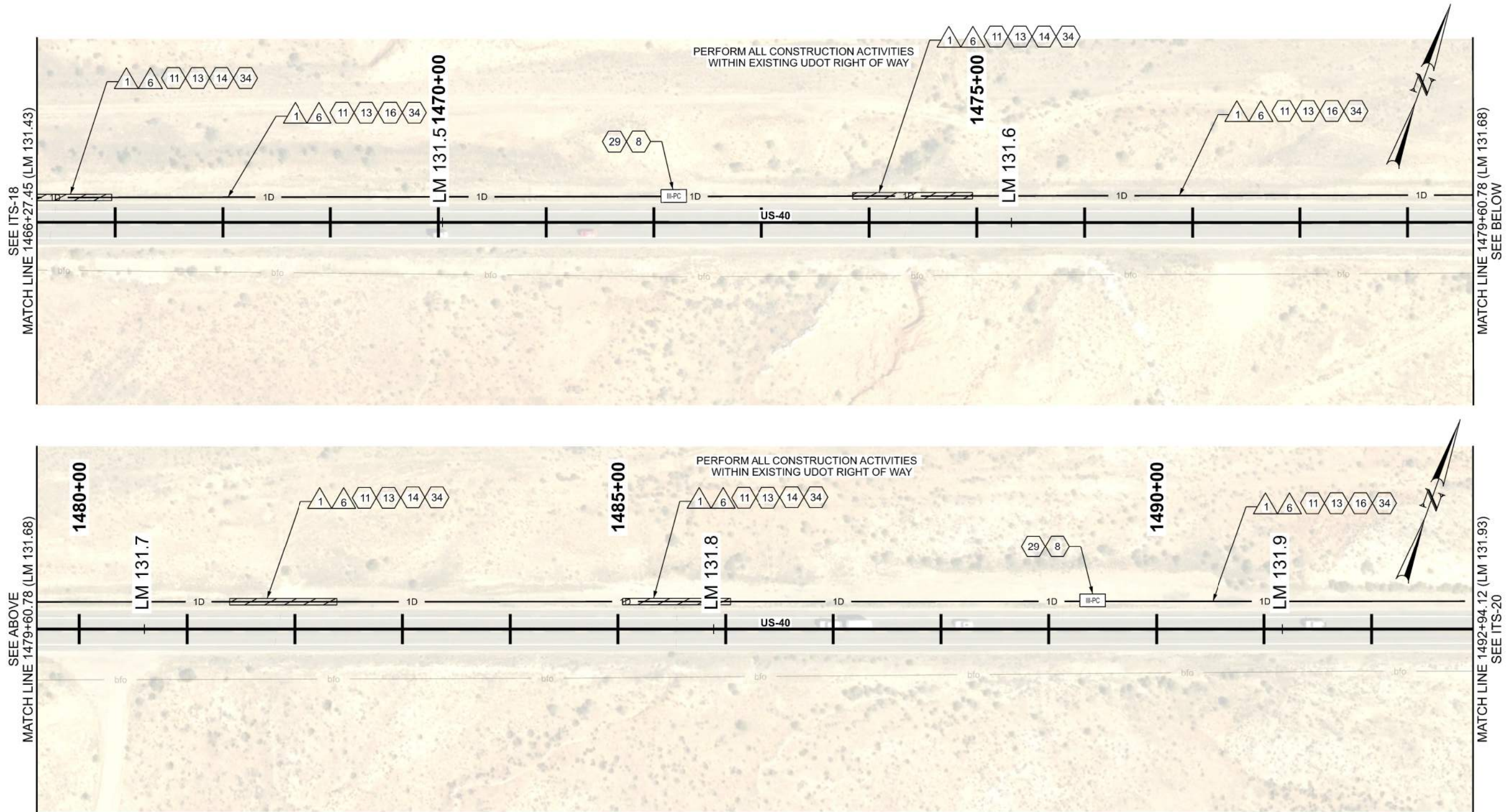
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL VERIFY SUITABILITY OF LOCATIONS FOR DIRECTIONAL BORES IN THE FIELD. WHERE PRACTICAL, CONTRACTOR MAY TRENCH IN LIEU OF BORING BEHIND GUARDRAILS ONLY WHERE NO CULVERTS ARE PRESENT. A MINIMUM CLEARANCE OF 5 FEET SHALL BE MAINTAINED WHERE BORING IS CONDUCTED BEHIND GUARDRAILS.
- EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.

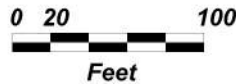
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ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
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- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

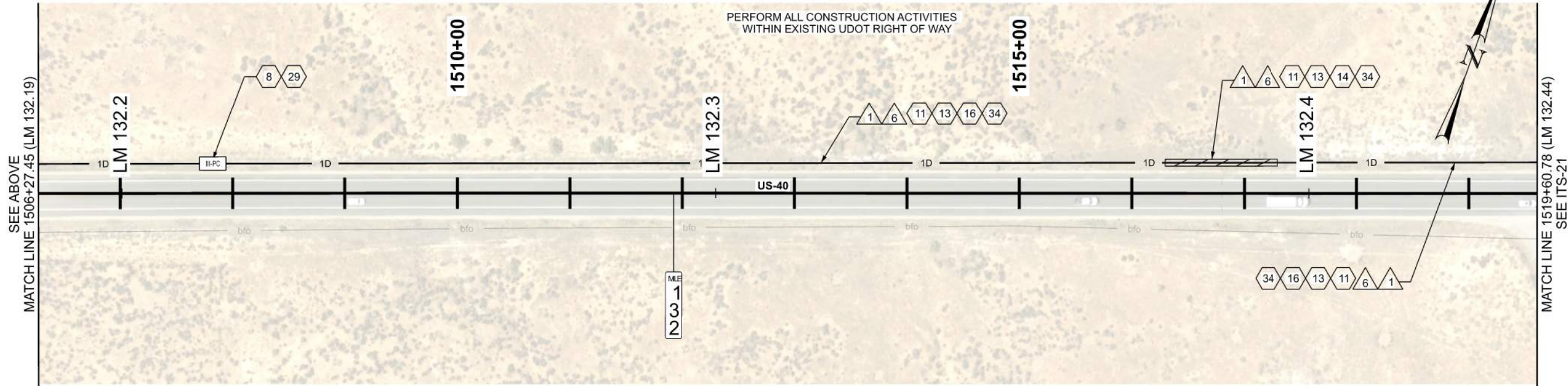
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- EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

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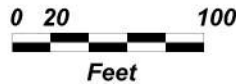
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ITS CONSTRUCTION NOTES:

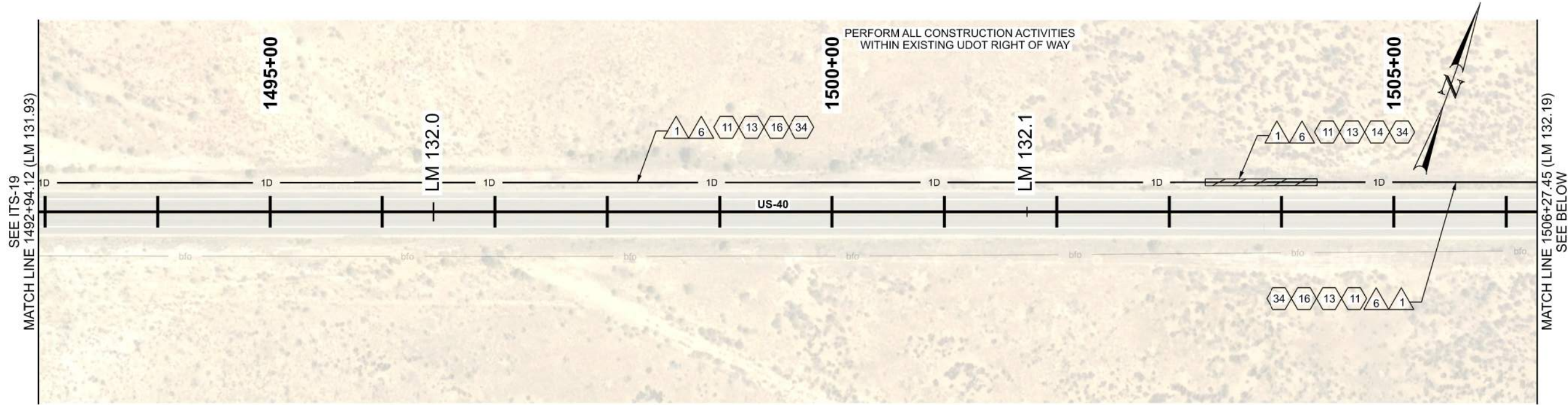
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

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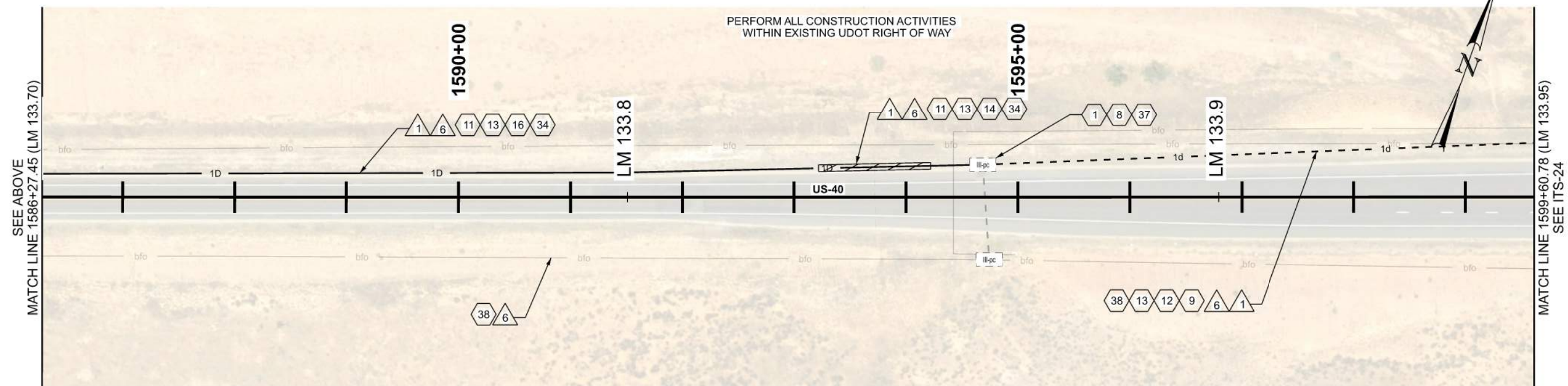
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UTAH DEPARTMENT OF TRANSPORTATION

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DRAWN BY	JJ
QC CHECKED BY	RE
DATE	2/2/2026
PROFESSIONAL ENGINEER	Gemma Gage

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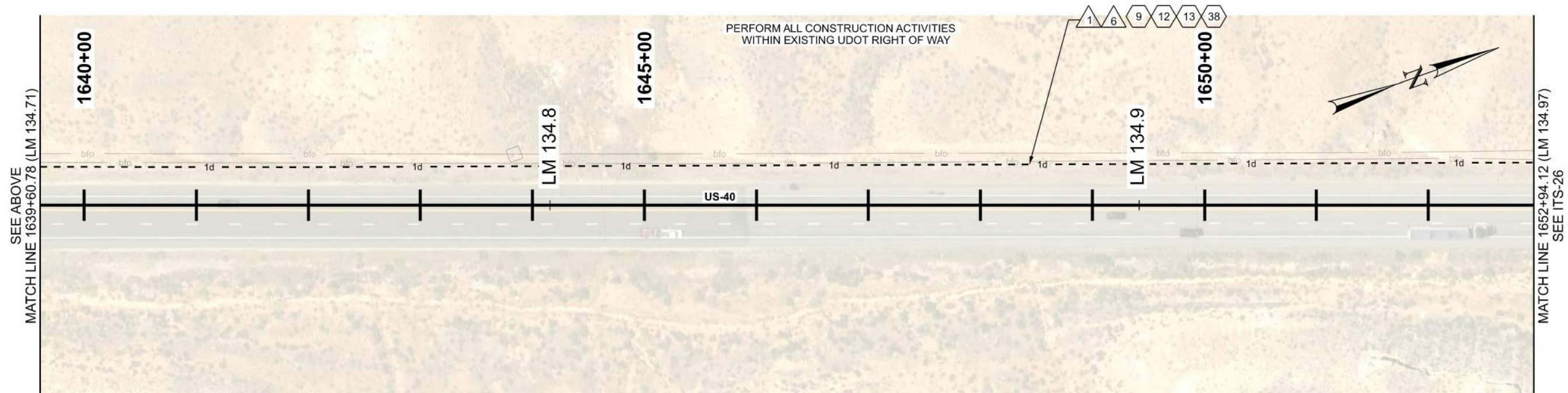
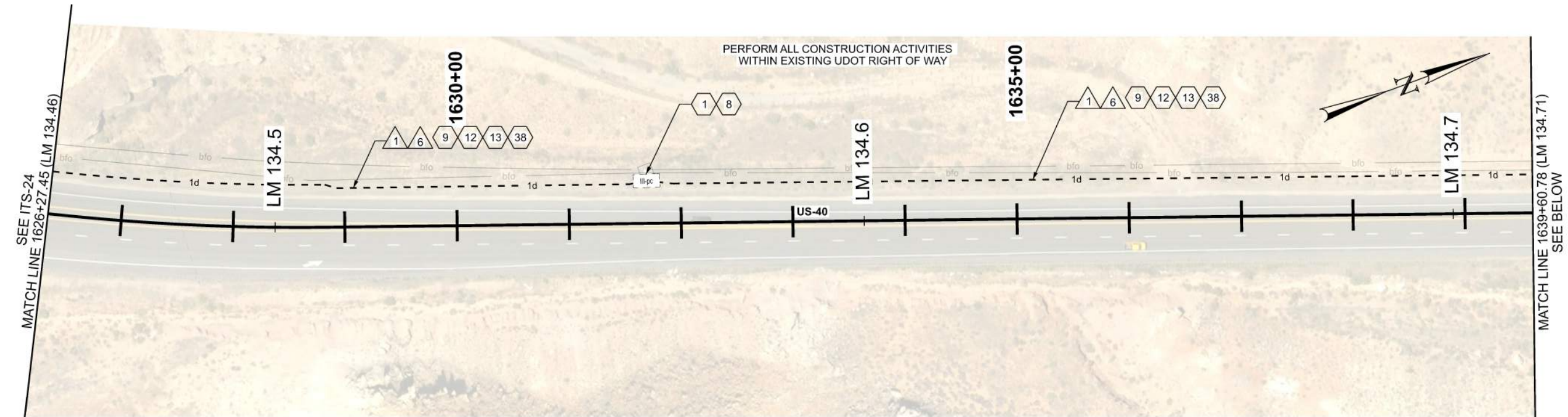


ITS CONSTRUCTION NOTES:

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

1. ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
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5. EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.
6. CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURED.
7. INSTALL TRACER WIRE IN EXISTING CONDUIT BETWEEN EXISTING JUNCTION BOXES AT STA 132.82, RT AND STA 133.86, RT.

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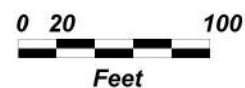
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|----|---|
| 1 | PROTECT IN PLACE |
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX |
| 9 | EX 36 SMFO CABLE. PROTECT IN PLACE |
| 12 | INSTALL SMFO CABLE WITHIN ORANGE CONDUIT |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 38 | PROOF EXISTING CONDUIT |

ITS WIRE SCHEDULE SUMMARY

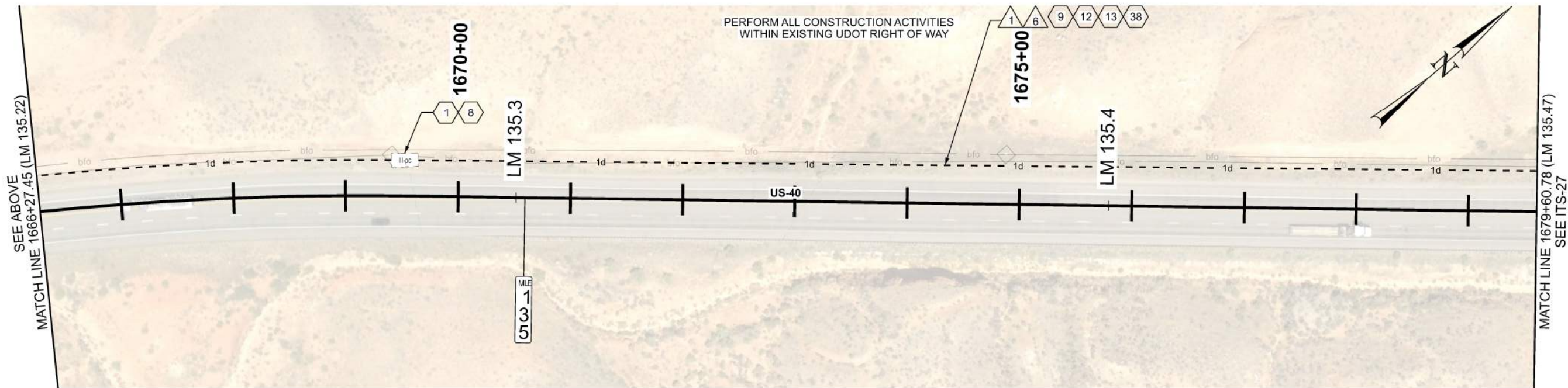
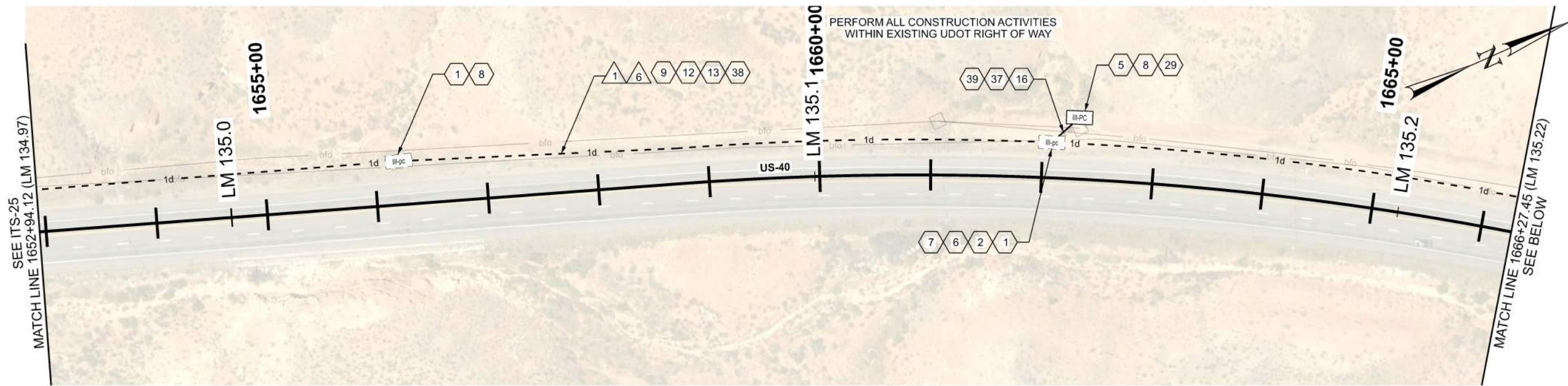
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GENERAL NOTES:

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3. CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
4. THE PROPOSED JUNCTION BOX AND 2-INCH CONDUIT ARE TO ACCOMMODATE FUTURE UDOT CCTV CONNECTIONS.
5. EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.

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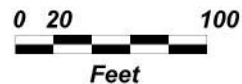
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ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 5 PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 EX 36 SMFO CABLE. PROTECT IN PLACE
- 12 INSTALL SMFO CABLE WITHIN ORANGE CONDUIT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 37 TIE INTO EXISTING III-PC PULL BOX
- 38 PROOF EXISTING CONDUIT
- 39 ONE 2-INCH CONDUIT



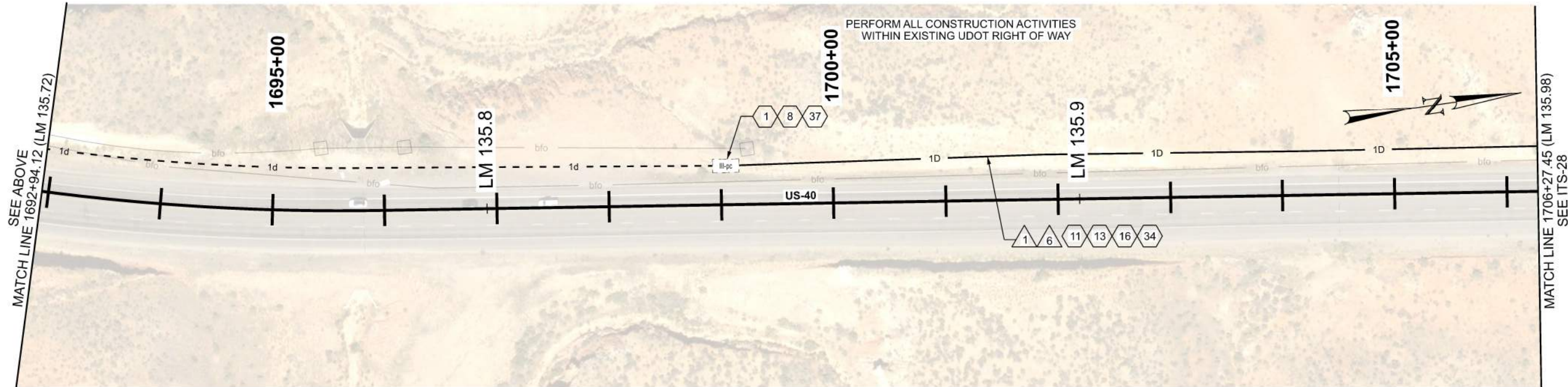
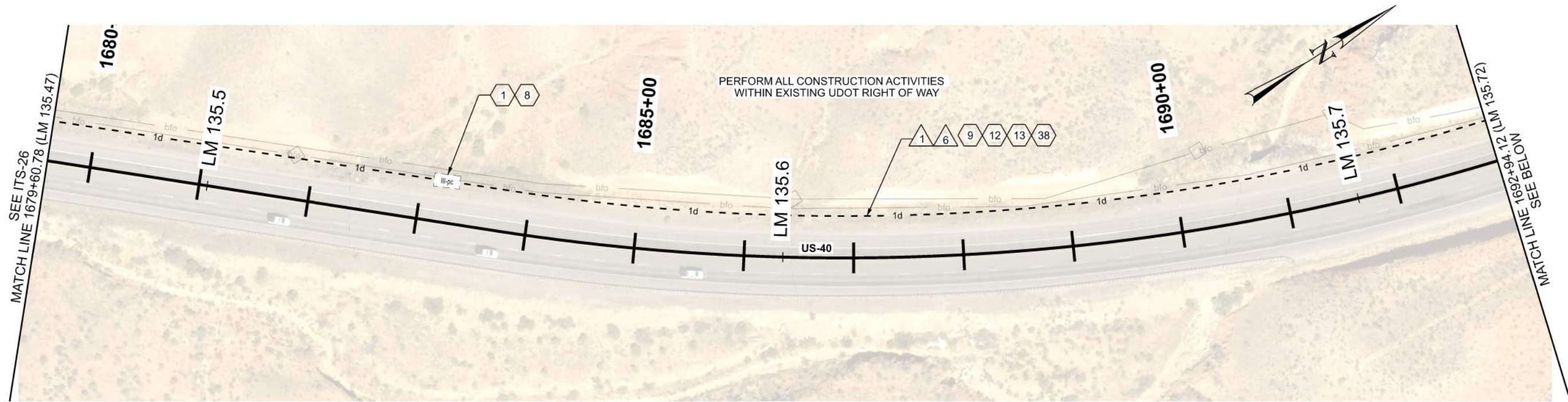
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- EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.
- SITE SHALL REMAIN IN SERVICE UNLESS OTHERWISE AUTHORIZED BY UDOT TMD. CONTRACTOR SHALL PROTECT EXISTING EQUIPMENT, POWER, AND COMMUNICATIONS INFRASTRUCTURE IN PLACE DURING CONSTRUCTION ACTIVITIES.

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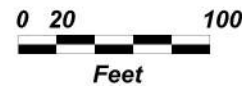
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ITS WIRE SCHEDULE SUMMARY	
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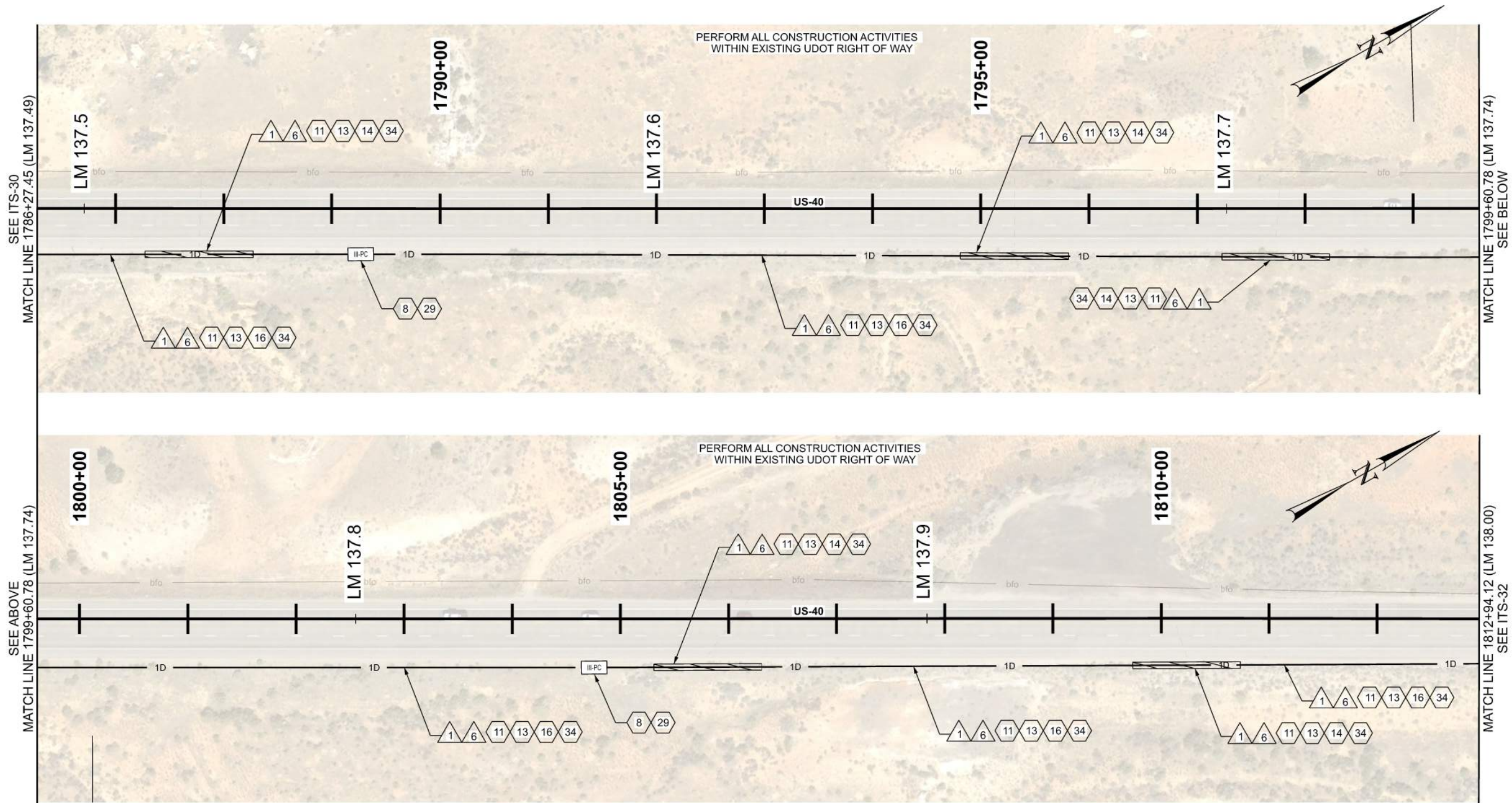
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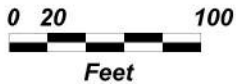
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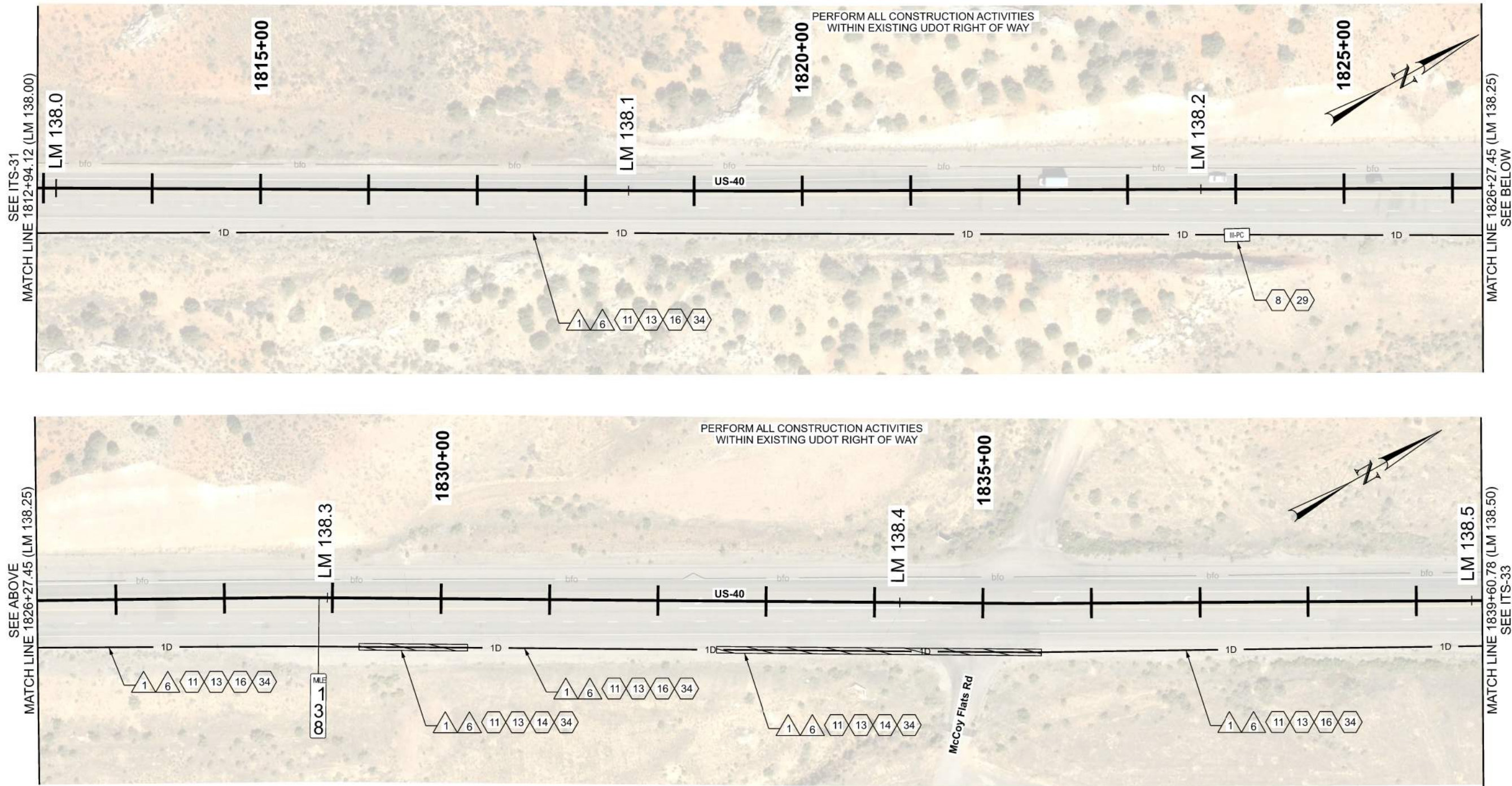
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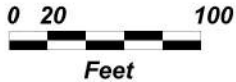
ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

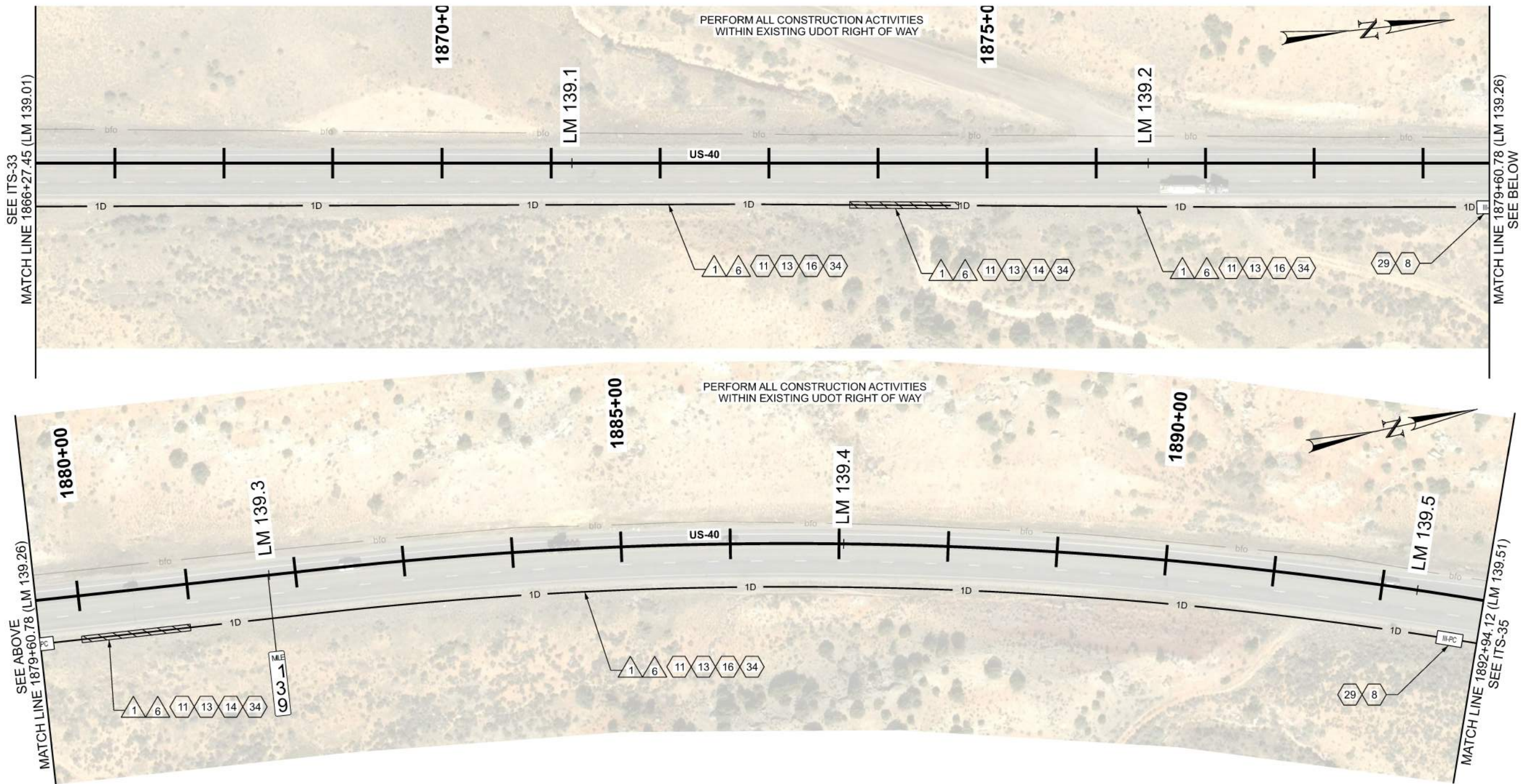
GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL VERIFY SUITABILITY OF LOCATIONS FOR DIRECTIONAL BORES IN THE FIELD. WHERE PRACTICAL, CONTRACTOR MAY TRENCH IN LIEU OF BORING BEHIND GUARDRAILS ONLY WHERE NO CULVERTS ARE PRESENT. A MINIMUM CLEARANCE OF 5 FEET SHALL BE MAINTAINED WHERE BORING IS CONDUCTED BEHIND GUARDRAILS.
- EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURED.



JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
		SEGMENT D		22900	
PROJECT	PROJECT NUMBER	APPROVED	DRAWN BY	NO.	DATE
	F-0040(251)125	<i>Jenna Gage</i>	JJ	5	
ITS		PROFESSIONAL ENGINEER	QC CHECKED BY	4	
			RE	3	
			DATE	2	
				1	
					APPROVED BY
					REMARKS
SHEET NO. ITS-32					

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ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

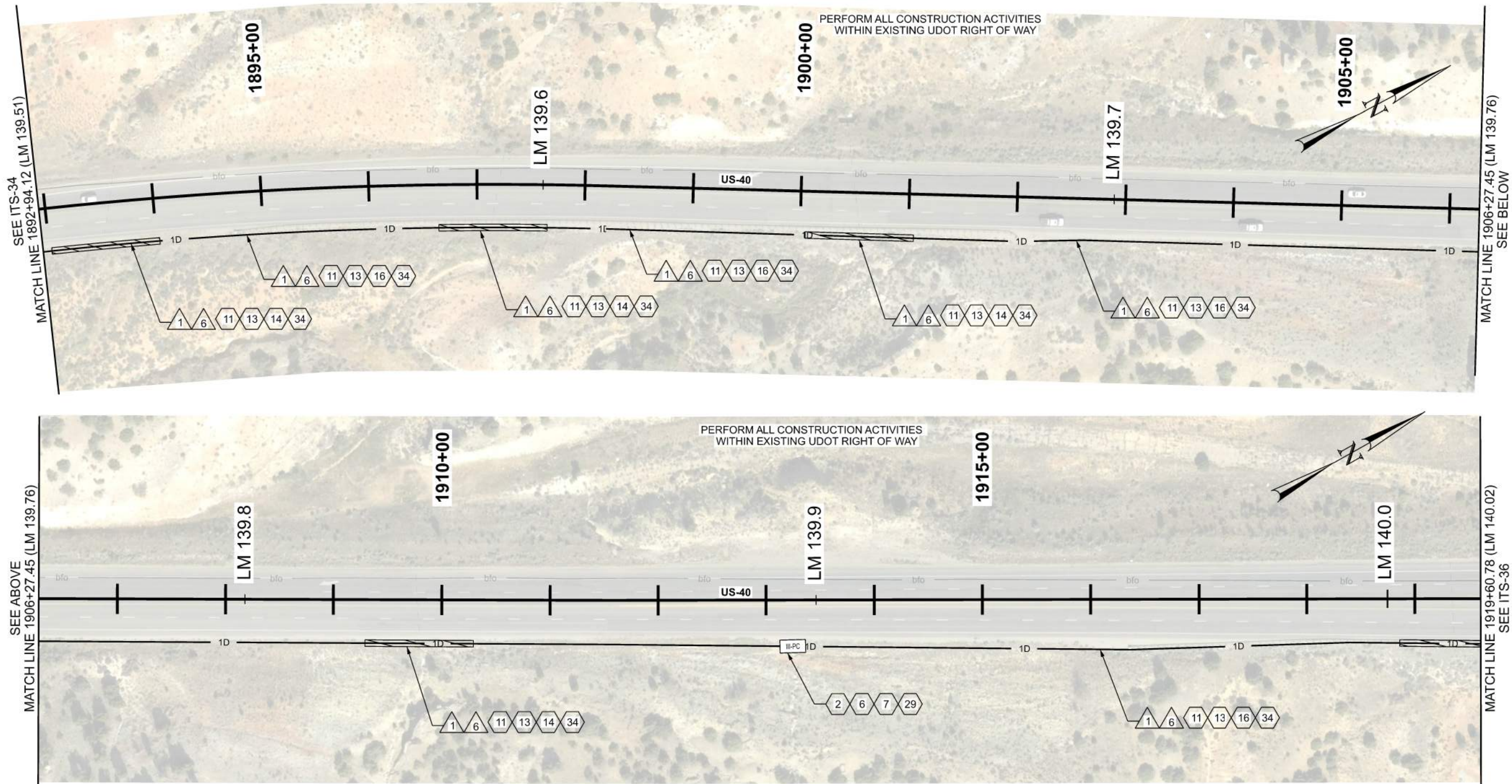
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
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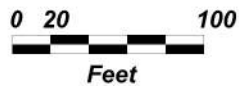
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APPROVED		DRAWN BY JJ		PROJECT	
2/2/2026		CHECKED BY		SEGMENT D	
DATE		RE		F-0040(251)125	
PROFESSIONAL ENGINEER		DATE		PIN	
Gemma Gage		2/2/2026		22900	
REVISIONS		NO.		ITS	
5		4		PROJECT NUMBER	
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1		1		ITS-34	
APPROVED BY		DATE		REMARKS	

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ITS CONSTRUCTION NOTES:

- FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- FUSION SPLICE REQ'D
- PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- DIRECTIONAL BORE REQ'D
- PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 1D CONDUIT

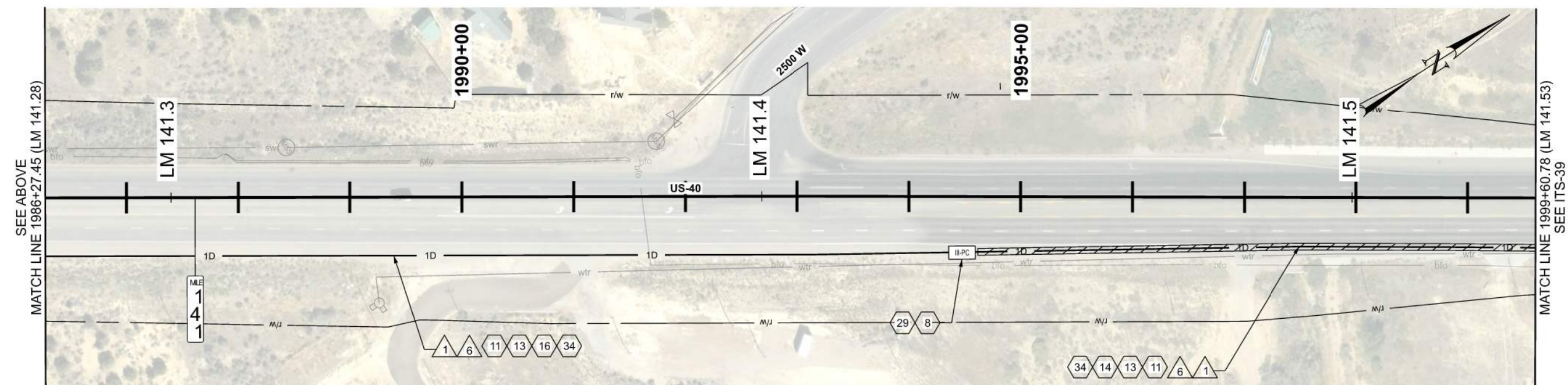


ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
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	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

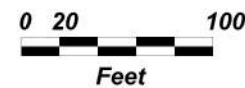
GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
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- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL VERIFY SUITABILITY OF LOCATIONS FOR DIRECTIONAL BORES IN THE FIELD. WHERE PRACTICAL, CONTRACTOR MAY TRENCH IN LIEU OF BORING BEHIND GUARDRAILS ONLY WHERE NO CULVERTS ARE PRESENT. A MINIMUM CLEARANCE OF 5 FEET SHALL BE MAINTAINED WHERE BORING IS CONDUCTED BEHIND GUARDRAILS.
- EXISTING R/W ON THIS PAGE IS OUTSIDE OF PLAN VIEW EXTENTS.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

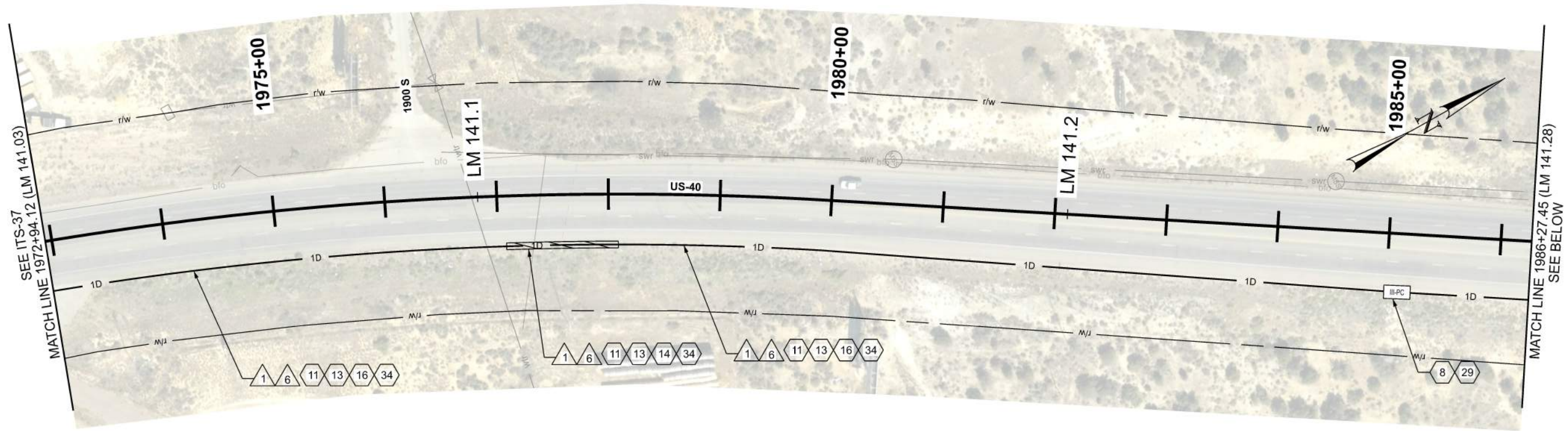
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				22900					
PROJECT				APPROVED	<i>Jenna Gage</i>		2/2/2026		
PROJECT NUMBER	F-0040(251)125	PIN	22900				DRAWN BY	JJ	
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SHEET NO.				ITS-35		APPROVED BY		REMARKS	



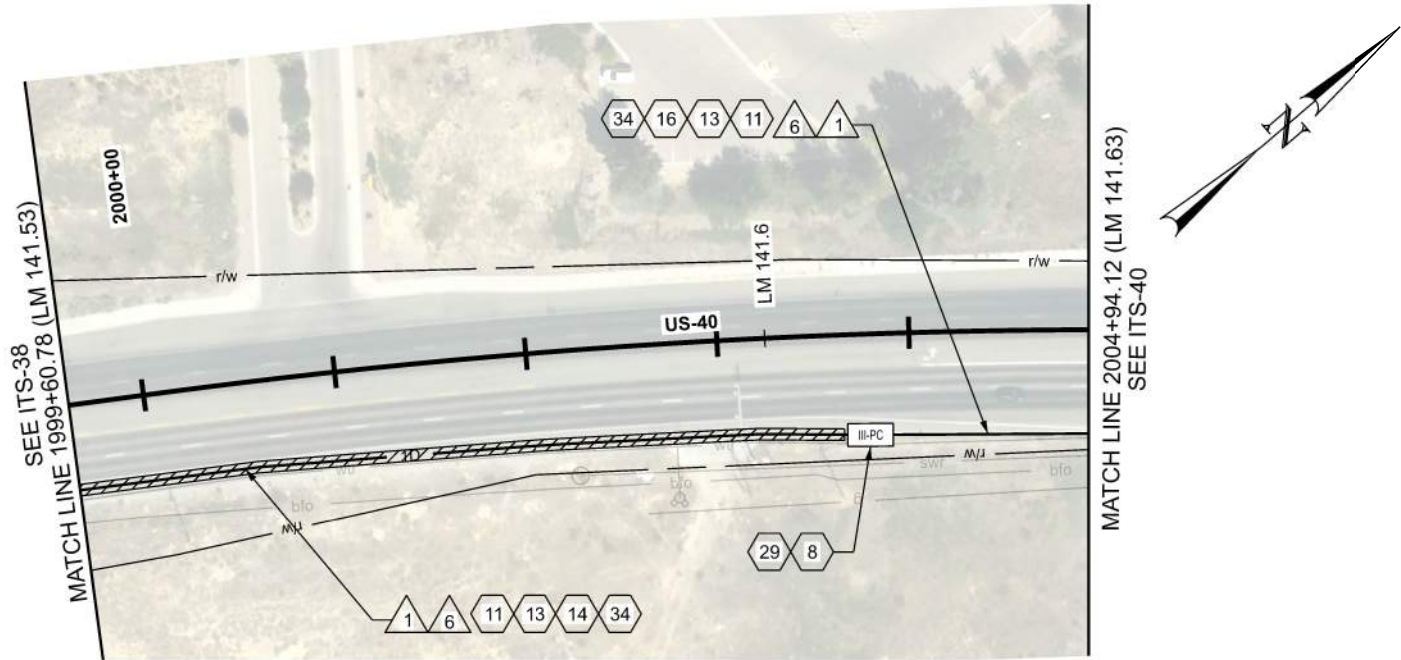
ITS CONSTRUCTION NOTES:



GENERAL NOTES:



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ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT



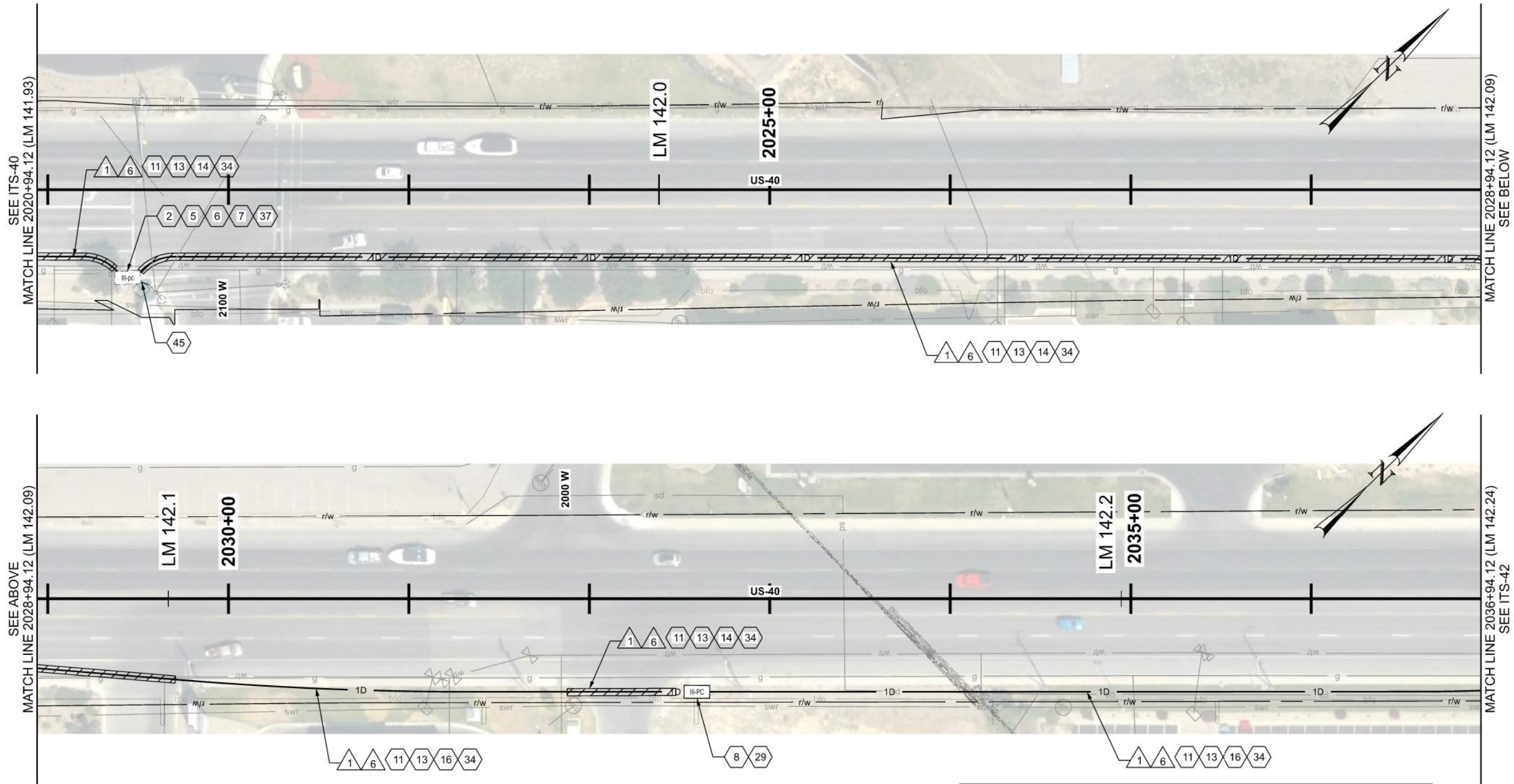
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL VERIFY SUITABILITY OF LOCATIONS FOR DIRECTIONAL BORES IN THE FIELD. WHERE PRACTICAL, CONTRACTOR MAY TRENCH IN LIEU OF BORING BEHIND GUARDRAILS ONLY WHERE NO CULVERTS ARE PRESENT. A MINIMUM CLEARANCE OF 5 FEET SHALL BE MAINTAINED WHERE BORING IS CONDUCTED BEHIND GUARDRAILS.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

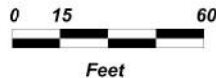
JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS								
PROJECT	SEGMENT D	PIN	22900	F-0040(251)125	ITS	NO.	DATE	APPROVED BY	REMARKS			
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PROJECT		APPROVED		DRAWN BY		QC		CHECKED BY				
				JJ				RE				
				Gemma Gage		2/2/2026						
				PROFESSIONAL ENGINEER								
SHEET NO.		ITS-39										

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ITS CONSTRUCTION NOTES:

- | | | | |
|----|---|----|---|
| 2 | FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D | 37 | TIE INTO EXISTING III-PC PULL BOX |
| 5 | PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/ TERMINATION PATCH | 45 | INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET |
| 6 | FUSION SPLICE REQ'D | | |
| 7 | PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES. | | |
| 8 | PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX | | |
| 11 | INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT | | |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS | | |
| 14 | DIRECTIONAL BORE REQ'D | | |
| 16 | PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D | | |
| 29 | INSTALL STATE FURNISHED JUNCTION BOX REQ'D | | |
| 34 | 1D CONDUIT | | |

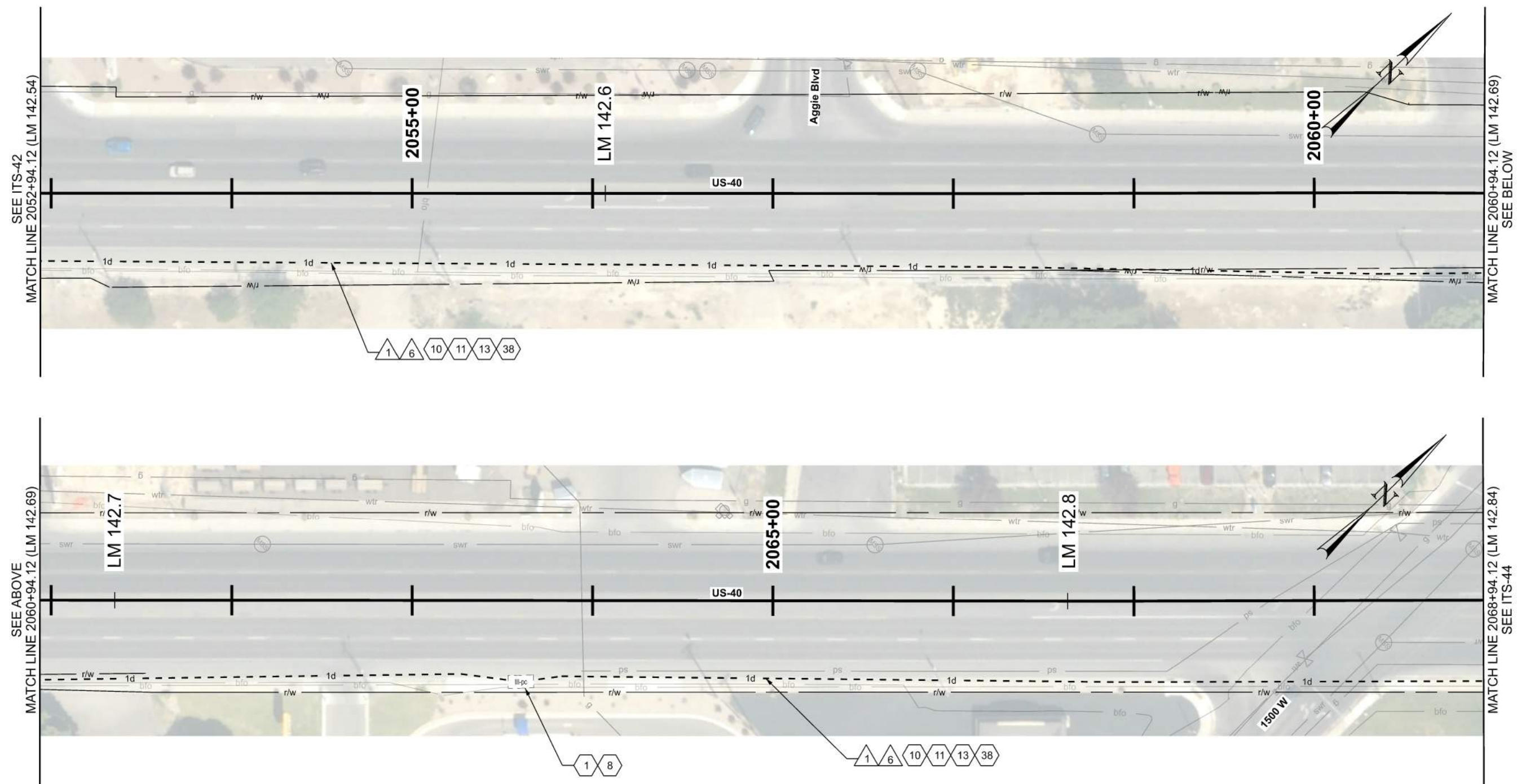


ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

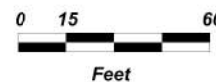
- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- MAINTAIN COMMUNICATIONS TO SIGNAL VIA EXISTING NETWORK DURING CONSTRUCTION. TRANSITION SIGNAL COMMUNICATIONS TO NEW NETWORK UPON COMPLETION AND TESTING OF NEW FIBER LINK. REMOVE EXISTING FIBER NETWORK CABLE AND EQUIPMENT ONLY AFTER NEW LINKS ARE ESTABLISHED AND ACCEPTED BY UDOT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

SHEET NO.		ITS-41	
PROJECT		JURASSIC US-40 FIBER OPTICS	
PROJECT NUMBER		F-0040(251)125	
SEGMENT D		PIN	
22900		22900	
APPROVED		Jenna Gage	
2/2/2026		DATE	
PROFESSIONAL ENGINEER		DATE	
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5		NO.	
REVISIONS		REMARKS	

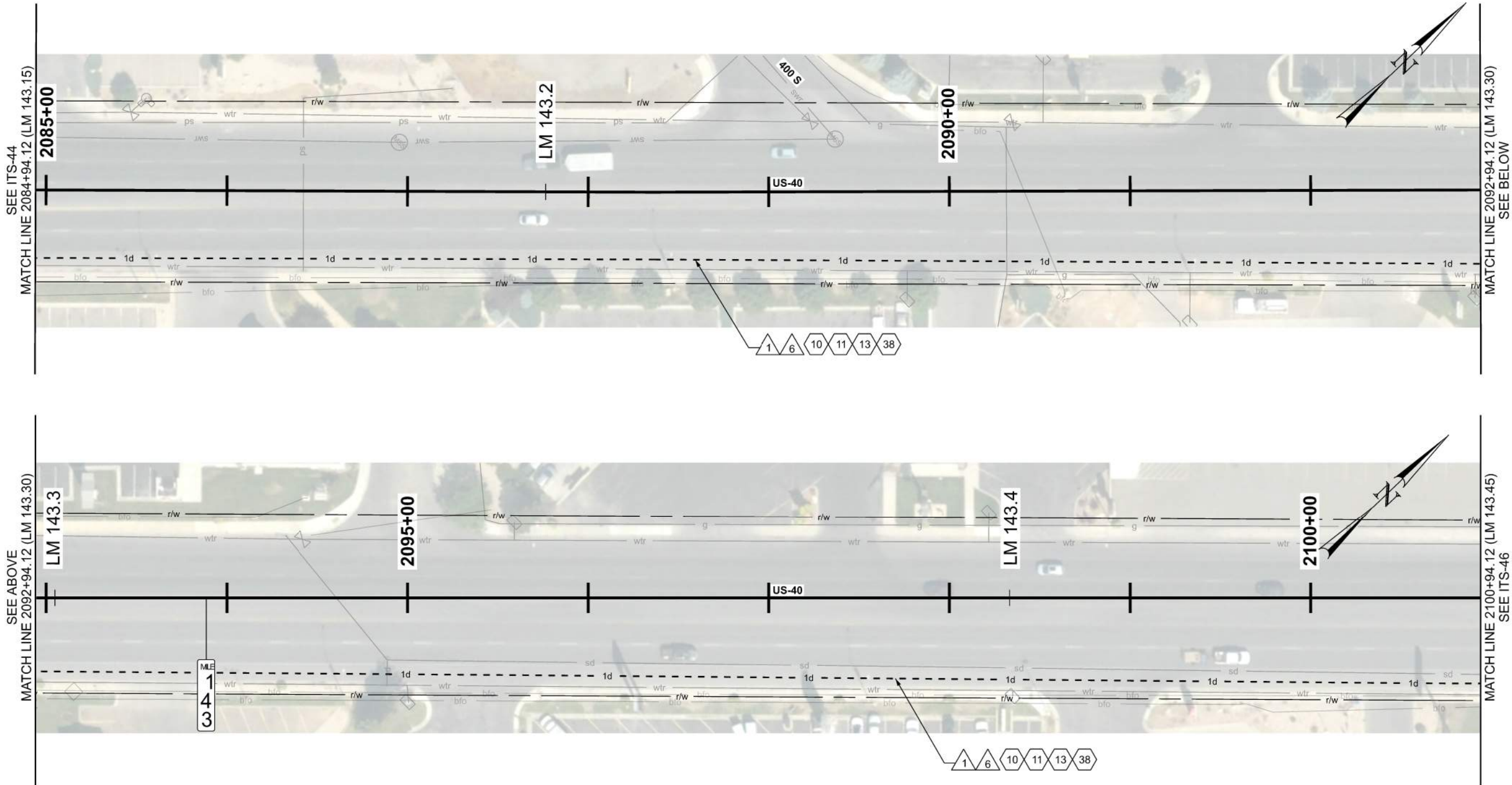


ITS CONSTRUCTION NOTES:

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D



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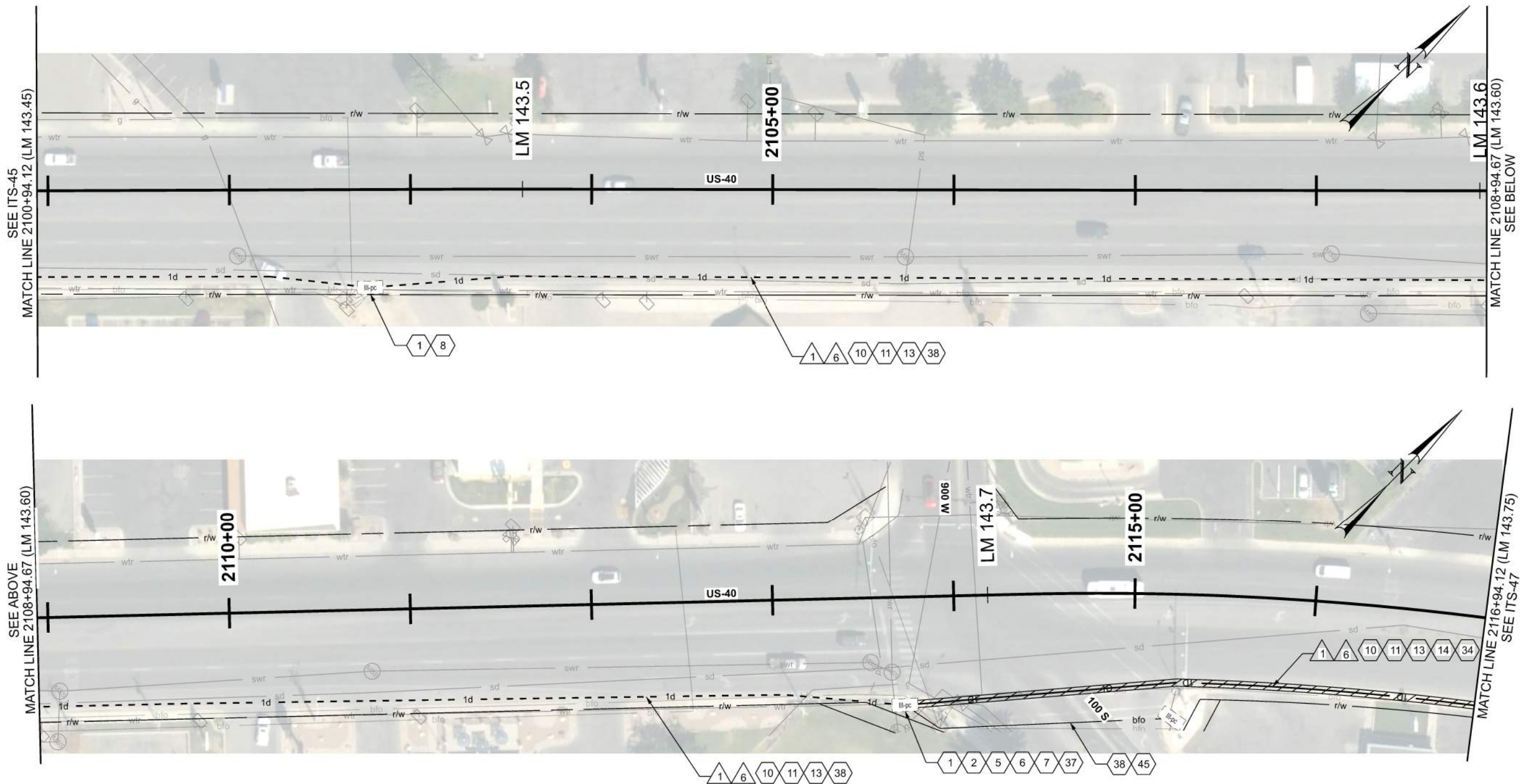
- ITS CONSTRUCTION NOTES:**
- 10 EX 72 SMFO CABLE. PROTECT IN PLACE
 - 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
 - 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
 - 38 PROOF EXISTING CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

- GENERAL NOTES:**
- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
 - REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
 - CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.

JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS								
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED	5						
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PROJECT NUMBER	ITS					3						
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SHEET NO.	ITS-45					1						
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						2						
						3						
						4						
						5						

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ITS CONSTRUCTION NOTES:

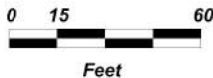
- 1 PROTECT IN PLACE
- 2 FIBER OPTIC CABLE SPlice ENCLOSURE REQ'D
- 5 PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH
- 6 FUSION SPlice REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPlice ENCLOSURE FOR SPlicing PURPOSES
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 10 EX 72 SMFO CABLE. PROTECT IN PLACE
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D

- 34 1D CONDUIT
- 37 TIE INTO EX III-PC PULL BOX
- 38 PROOF EXISTING CONDUIT
- 45 INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

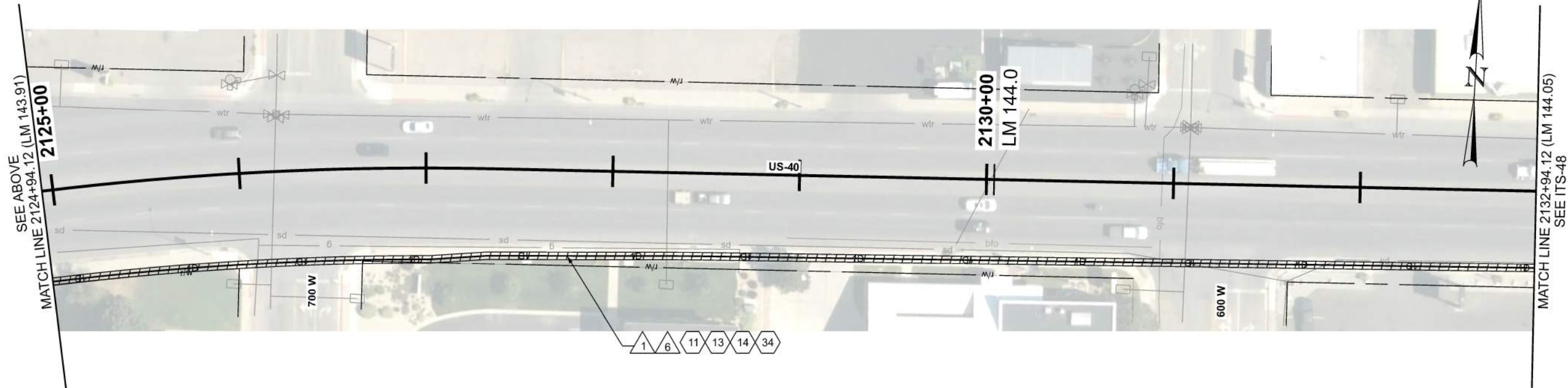
GENERAL NOTES:

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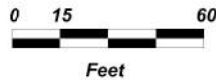
SHEET NO.		ITS-46	
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PROJECT NUMBER		- SEGMENT D	
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		22900	
		APPROVED	
		Jenna Gage	
		PROFESSIONAL ENGINEER	
		DATE	
		2/6/2026	
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ITS CONSTRUCTION NOTES:

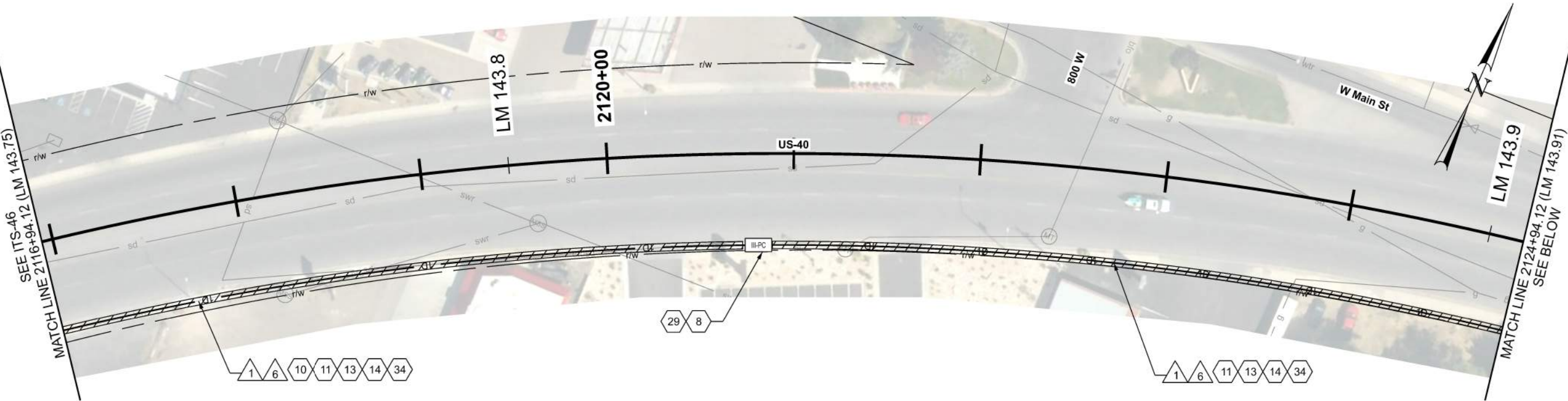
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 10 EX 72 SMFO CABLE. PROTECT IN PLACE
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

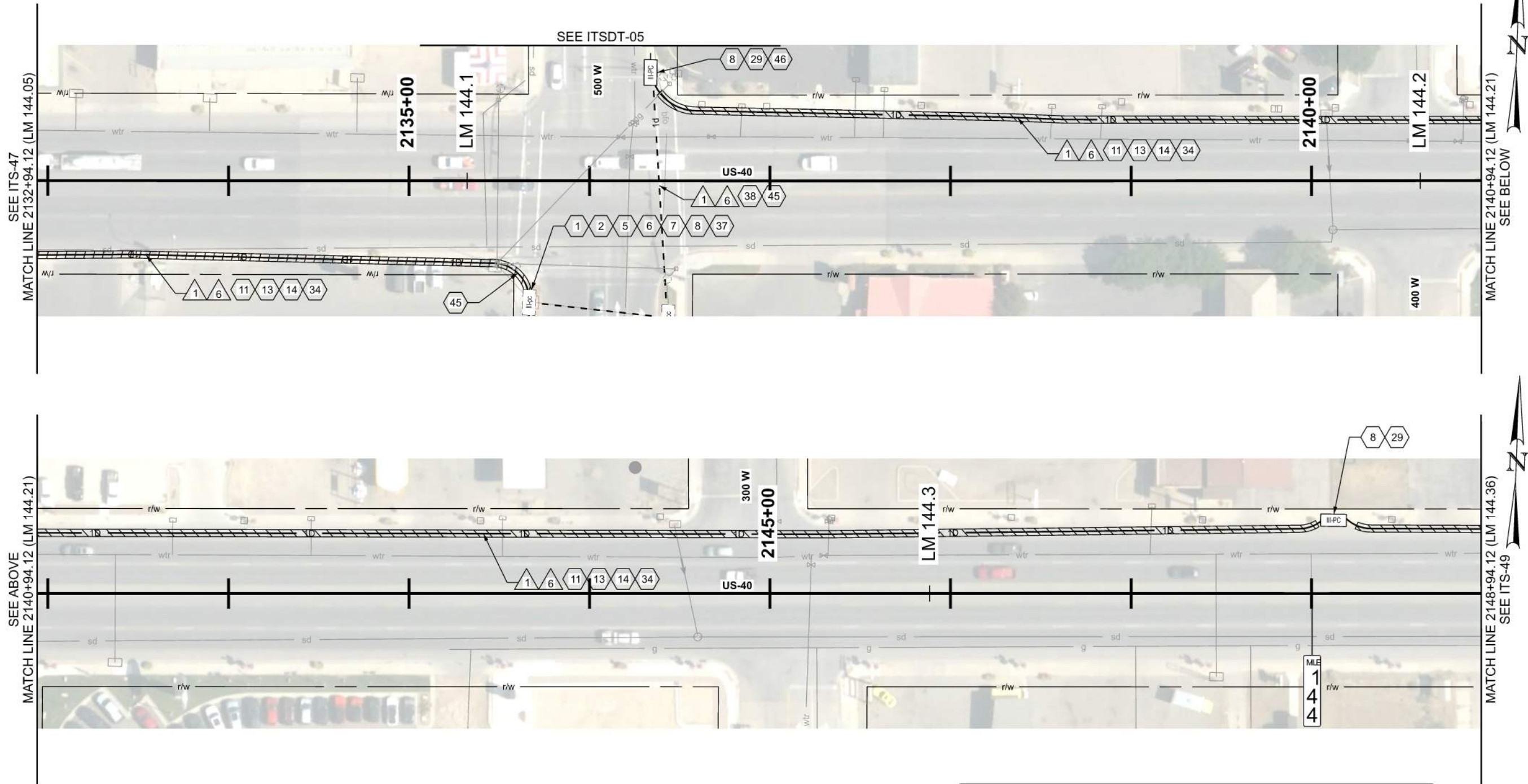
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JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
		PROJECT	APPROVED	NO.	DATE
SEGMENT D		F-0040(251)125	22900	5	
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				1	
					APPROVED BY
					REMARKS

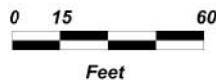
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ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 5 PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

- 37 TIE INTO EXISTING III-PC PULL BOX
- 38 PROOF EXISTING CONDUIT
- 45 INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET
- 46 INTERCEPT EXISTING UDOT CONDUIT



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- MAINTAIN COMMUNICATIONS TO SIGNAL VIA EXISTING NETWORK DURING CONSTRUCTION. TRANSITION SIGNAL COMMUNICATIONS TO NEW NETWORK UPON COMPLETION AND TESTING OF NEW FIBER LINK. REMOVE EXISTING FIBER NETWORK CABLE AND EQUIPMENT ONLY AFTER NEW LINKS ARE ESTABLISHED AND ACCEPTED BY UDOT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

SHEET NO.		ITS-48	
PROJECT	JURASSIC US-40 FIBER OPTICS		
	SEGMENT D		
PROJECT NUMBER	F-0040(251)125	PIN	22900
	ITS		
APPROVED		2/2/2026	
DRAWN BY JJ		QC CHECKED BY RE	
PROFESSIONAL ENGINEER		DATE	
Gemma Gage		2/2/2026	
UTAH DEPARTMENT OF TRANSPORTATION			
22900			
REVISIONS			
	</		



ITS CONSTRUCTION NOTES:

- | | |
|----|---|
| 34 | 1D CONDUIT |
| 37 | TIE INTO EXISTING III-PC PULL BOX |
| 39 | ONE 2-INCH CONDUIT |
| 45 | INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET |
| 46 | INTERCEPT EXISTING UDOT CONDUIT |

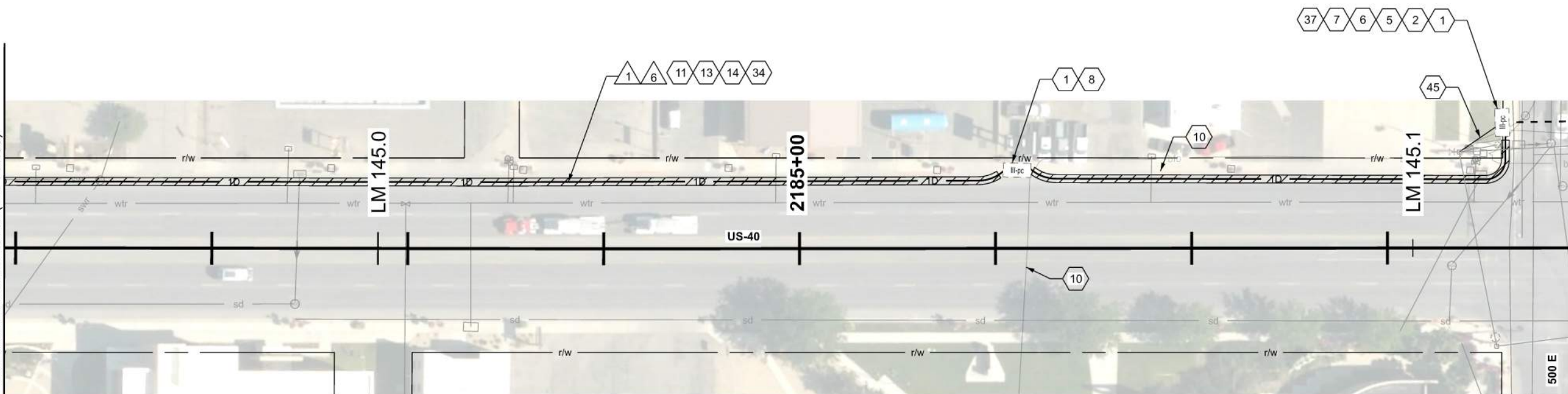
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

SHEET NO.	JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISONS	
	PROJECT		22900			
PROJECT NUMBER	SEGMENT D		APPROVED			
	F-0040(251)125	PIN	22900			
ITS-50	ITS		 JENNA GAYE PROFESSIONAL ENGINEER			
			DRAWN BY JJ QC CHECKED BY RE DATE 2/2/2026			
					REMARKS	

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SEE ITS-50

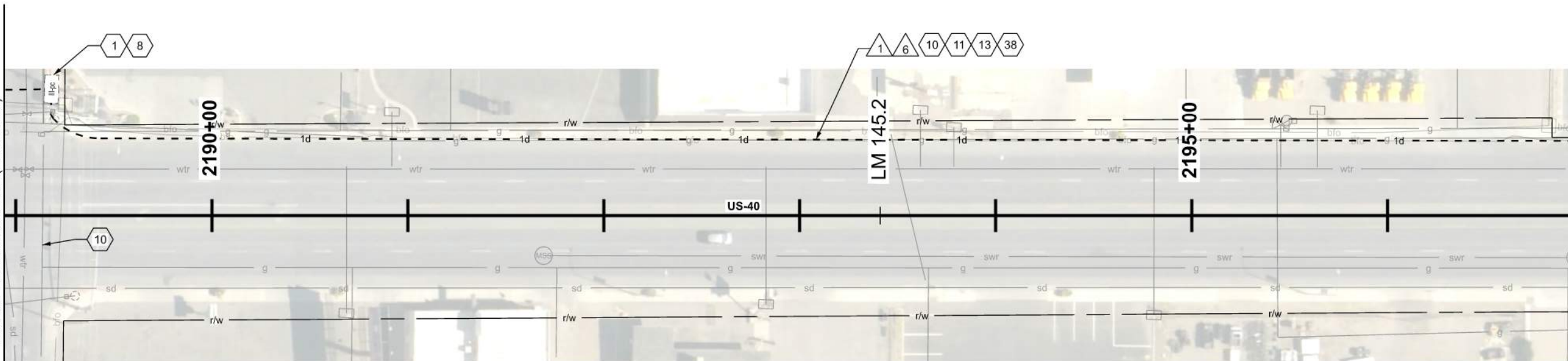
MATCH LINE 2180+94.12 (LM 144.96)



MATCH LINE 2188+94.12 (LM 145.12)
SEE BELOW

SEE ABOVE

MATCH LINE 2188+94.12 (LM 145.12)



MATCH LINE 2196+94.12 (LM 145.27)
SEE ITS-52

ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 5 PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 10 EX 72 SMFO CABLE. PROTECT IN PLACE
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D

- 34 1D CONDUIT
- 37 TIE INTO EXISTING III-PC PULL BOX
- 38 PROOF EXISTING CONDUIT
- 45 INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET



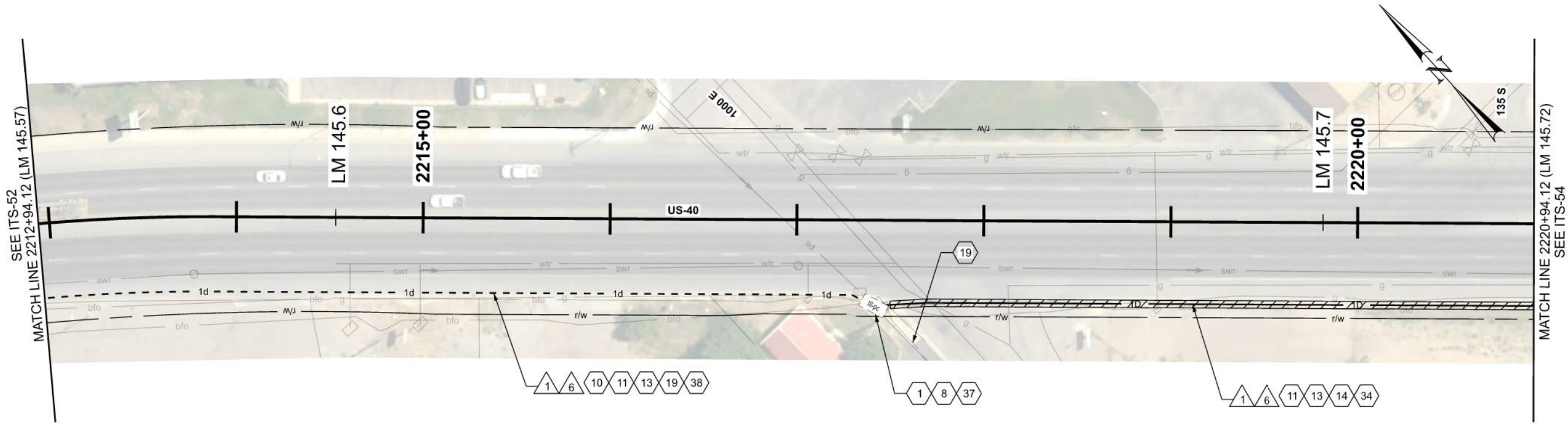
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- MAINTAIN COMMUNICATIONS TO SIGNAL VIA EXISTING NETWORK DURING CONSTRUCTION. TRANSITION SIGNAL COMMUNICATIONS TO NEW NETWORK UPON COMPLETION AND TESTING OF NEW FIBER LINK. REMOVE EXISTING FIBER NETWORK CABLE AND EQUIPMENT ONLY AFTER NEW LINKS ARE ESTABLISHED AND ACCEPTED BY UDOT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

JURASSIC US-40 FIBER OPTICS		SEGMENT D		UTAH DEPARTMENT OF TRANSPORTATION				REVISIONS				
				22900								
PROJECT				APPROVED	<i>Genna Gage</i>		2/2/2026		DATE			
PROJECT NUMBER	F-0040(251)125	PIN	22900	DRAWN BY	JJ	OC CHECKED BY	RE	NO.	DATE	APPROVED BY	REMARKS	
SHEET NO.		ITS-51										

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ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 10 EX 72 SMFO CABLE. PROTECT IN PLACE
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 19 EX 24 SMFO CABLE. PROTECT IN PLACE
- 34 1D CONDUIT
- 37 TIE INTO EXISTING III-PC PULL BOX
- 38 PROOF EXISTING CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

JURASSIC US-40 FIBER OPTICS

PROJECT

SEGMENT D

PROJECT NUMBER

F-0040(251)125

PIN

22900

ITS

UTAH DEPARTMENT OF TRANSPORTATION

22900

APPROVED

Jenna Gage
PROFESSIONAL ENGINEER

2/2/2026

DATE

QC

CHECKED BY

JJ

DRAWN BY

RE

DATE

APPROVED BY

NO.

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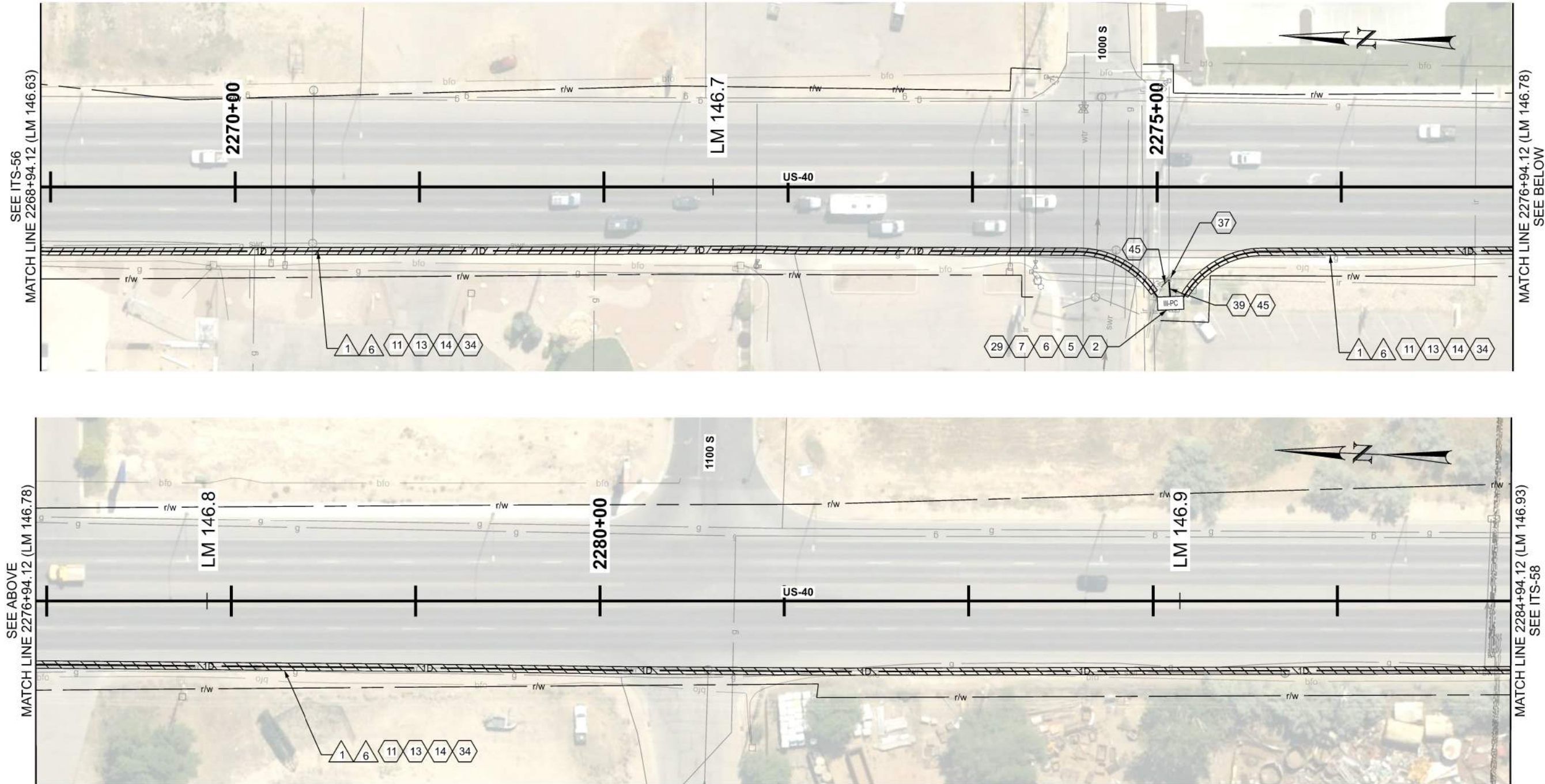
REVISIONS

REMARKS

SHEET NO.

ITS-53

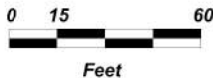
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ITS CONSTRUCTION NOTES:

- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 5 PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

- 37 TIE INTO EXISTING III-PC PULL BOX
- 39 ONE 2-INCH CONDUIT
- 45 INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET



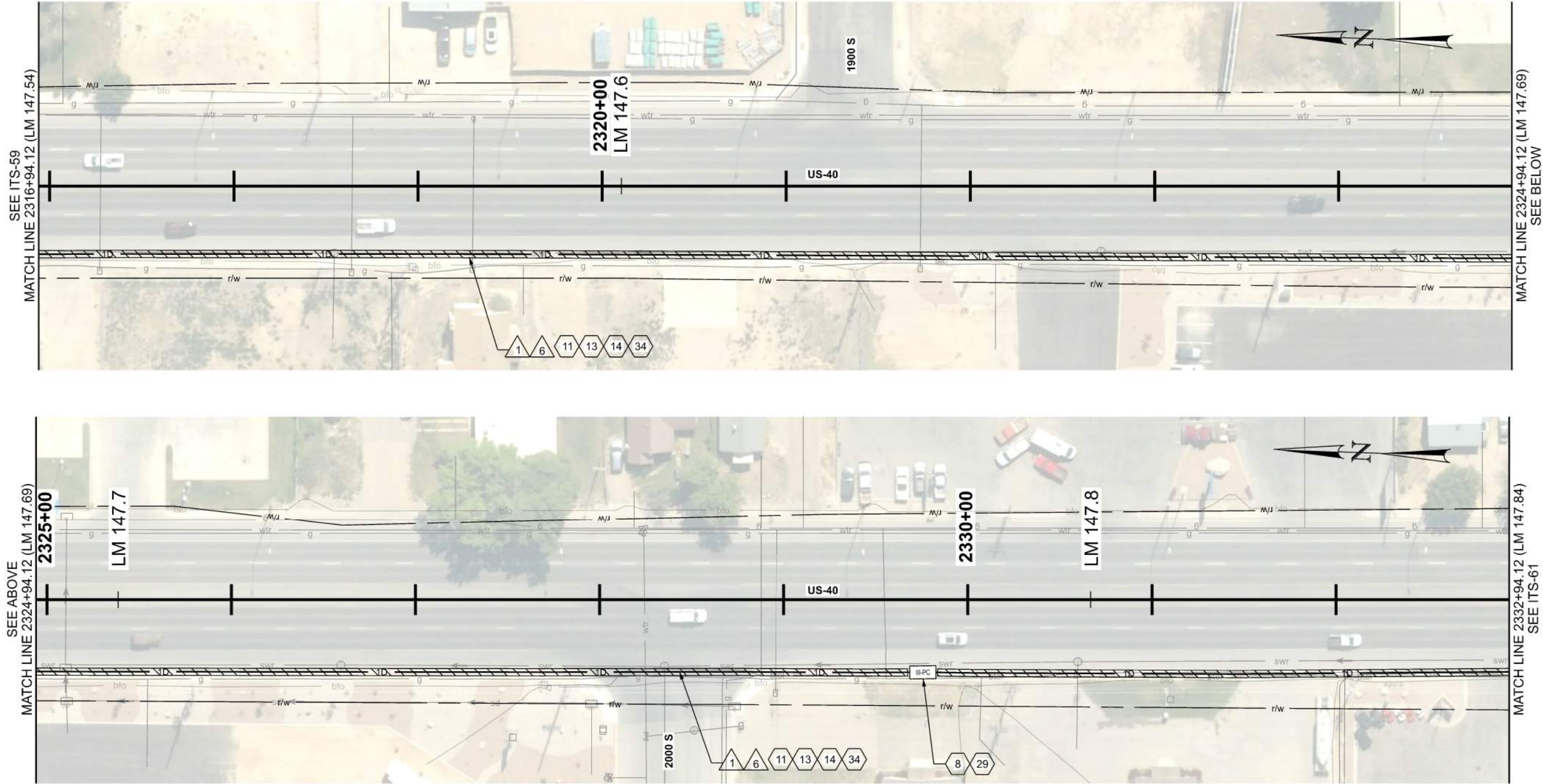
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- MAINTAIN COMMUNICATIONS TO SIGNAL VIA EXISTING NETWORK DURING CONSTRUCTION. TRANSITION SIGNAL COMMUNICATIONS TO NEW NETWORK UPON COMPLETION AND TESTING OF NEW FIBER LINK. REMOVE EXISTING FIBER NETWORK CABLE AND EQUIPMENT ONLY AFTER NEW LINKS ARE ESTABLISHED AND ACCEPTED BY UDOT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURED.

SHEET NO.		ITS-57	
PROJECT		JURASSIC US-40 FIBER OPTICS	
PROJECT NUMBER		SEGMENT D	
		F-0040(251)125	
		PIN	
		22900	
		ITS	
		22900	
		2/2/2026	
		DATE	
		PROFESSIONAL ENGINEER	
		Jenna Gage	
		APPROVED	
		DRAWN BY	
		JJ	
		QC	
		CHECKED BY	
		RE	
		NO.	
		DATE	
		APPROVED BY	
		REMARKS	

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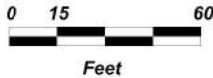
ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

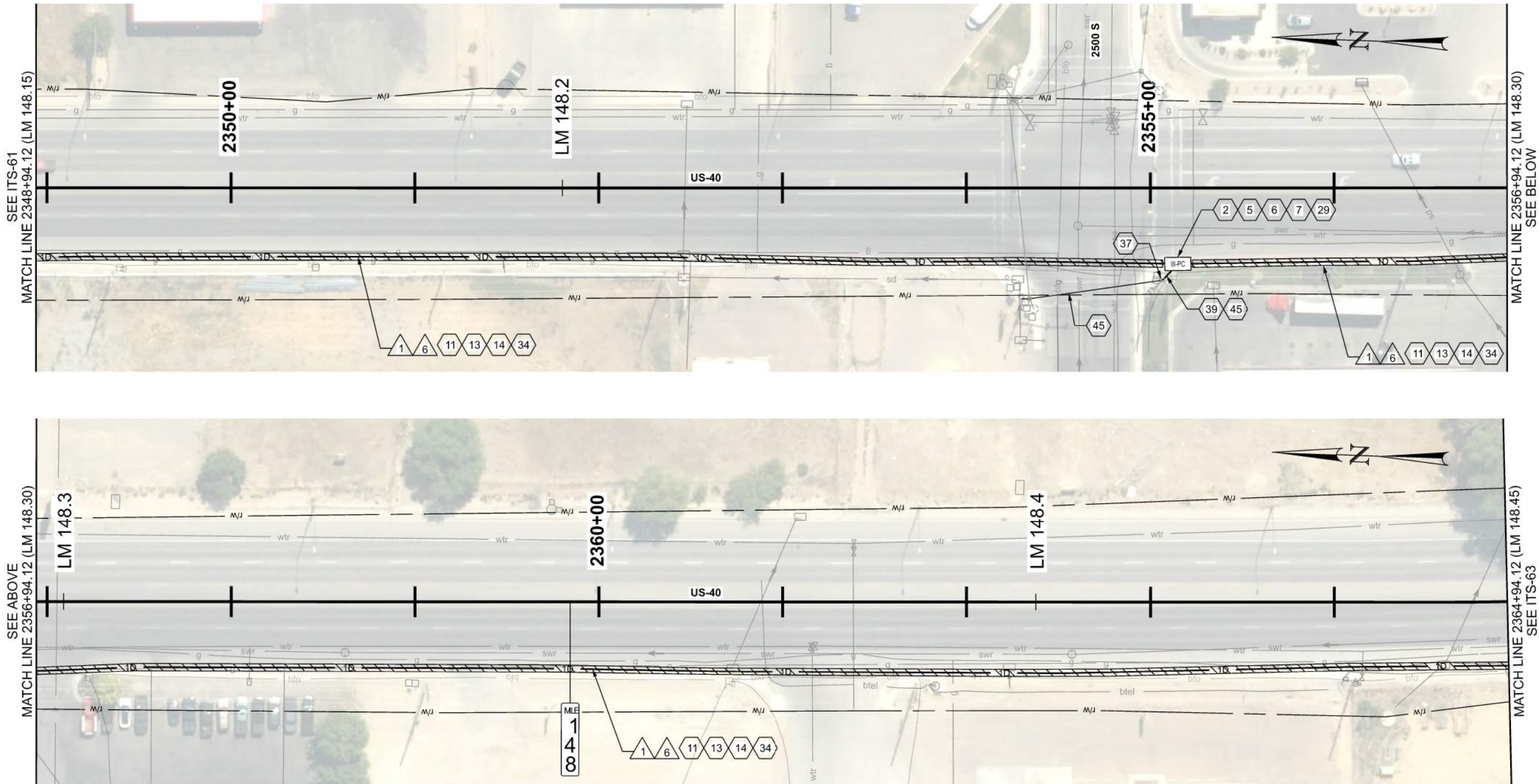
GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.



JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
PROJECT	SEGMENT D	APPROVED	22900		
PROJECT NUMBER	F-0040(251)125	DRAWN BY	JJ		
		QC CHECKED BY	RE		
		DATE	2/2/2026		
		PROFESSIONAL ENGINEER	Annex Gage		
		DATE			
		APPROVED BY			
		NO.	1		
		DATE			
		REMARKS			

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ITS CONSTRUCTION NOTES:

- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 5 PRE-TERMINATED 6 STRAND FIBER OPTIC DROP CABLE W/TERMINATION PATCH
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

- 37 TIE INTO EXISTING III-PC PULL BOX
- 39 ONE 2-INCH CONDUIT
- 45 INSTALL FOC DROP CABLE TO SIGNAL CONTROLLER CABINET

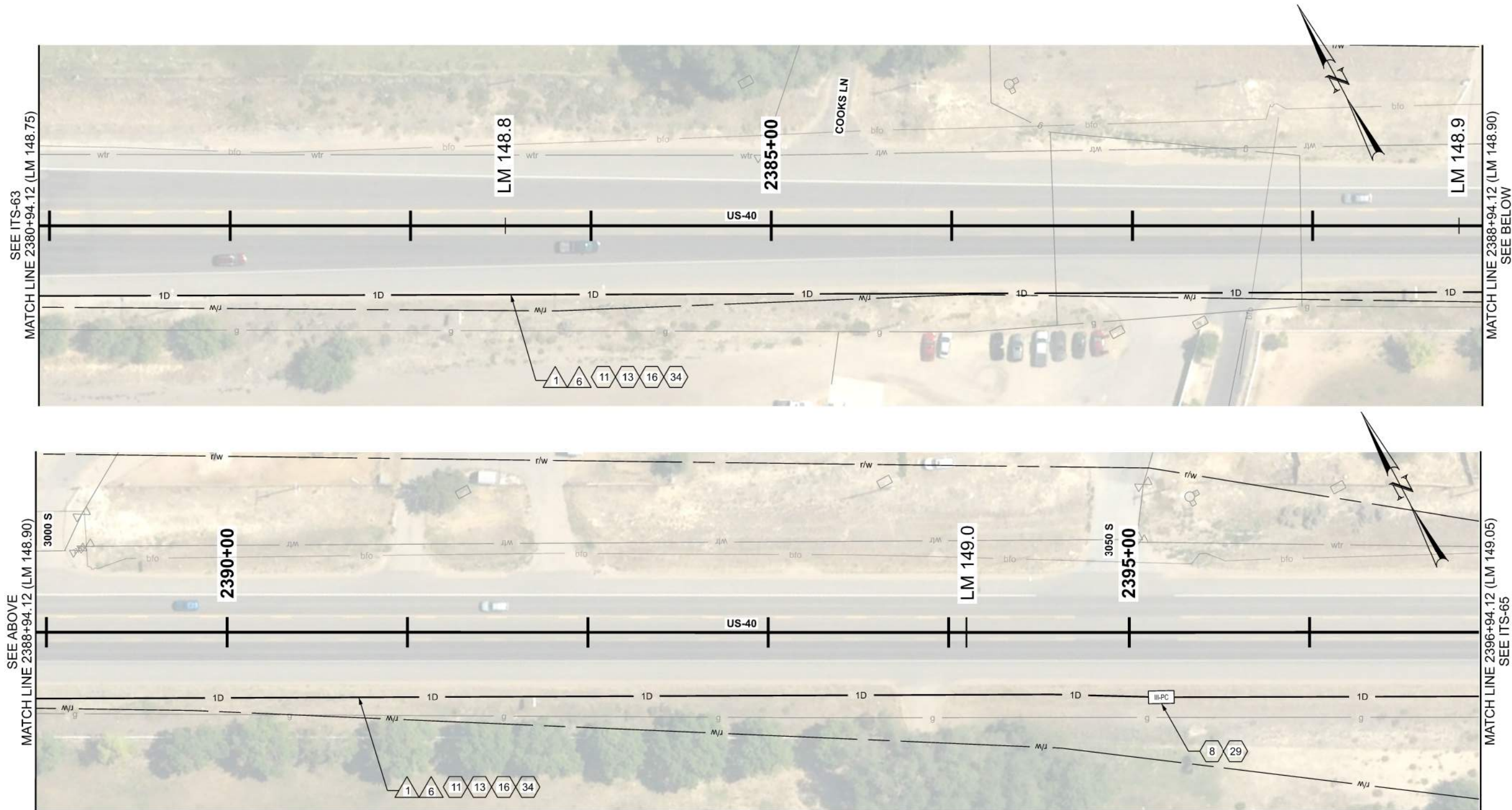
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- MAINTAIN COMMUNICATIONS TO SIGNAL VIA EXISTING NETWORK DURING CONSTRUCTION. TRANSITION SIGNAL COMMUNICATIONS TO NEW NETWORK UPON COMPLETION AND TESTING OF NEW FIBER LINK. REMOVE EXISTING FIBER NETWORK CABLE AND EQUIPMENT ONLY AFTER NEW LINKS ARE ESTABLISHED AND ACCEPTED BY UDOT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

SHEET NO.		ITS-62		UTAH DEPARTMENT OF TRANSPORTATION										REVISIONS								
JURASSIC US-40 FIBER OPTICS				SEGMENT D				22900														
								22900														
PROJECT		F-0040(251)125		PIN		22900		APPROVED										DRAWN BY JJ				
PROJECT NUMBER		ITS						Jenna Gage										QC CHECKED BY RE				
								PROFESSIONAL ENGINEER										DATE				
								2/2/2026										APPROVED BY				
																		NO.				
																		DATE				
																		REMARKS				

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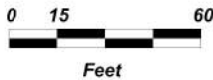
ITS CONSTRUCTION NOTES:

- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

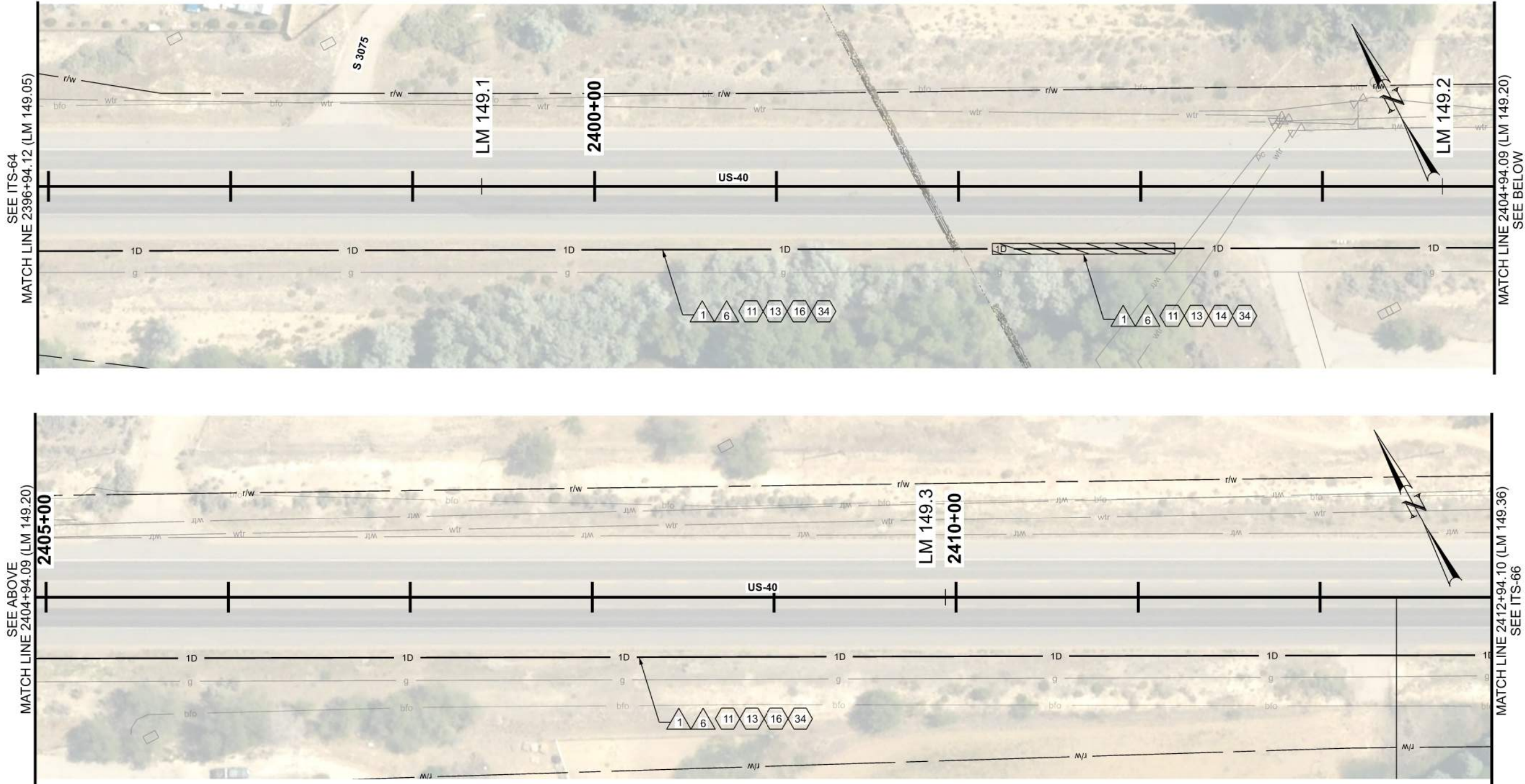
GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.



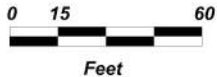
JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS																			
PROJECT	SEGMENT D	F-0040(251)125	PIN	22900	APPROVED	DRAWN BY	JJ	QC	CHECKED BY	RE	DATE	APPROVED BY	NO.	DATE	REMARKS								
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
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PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
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PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
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PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
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PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
PROJECT		PROJECT NUMBER		22900		2/2/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026									
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PROJECT		PROJECT NUMBER		2290																			

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ITS CONSTRUCTION NOTES:

- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 34 1D CONDUIT



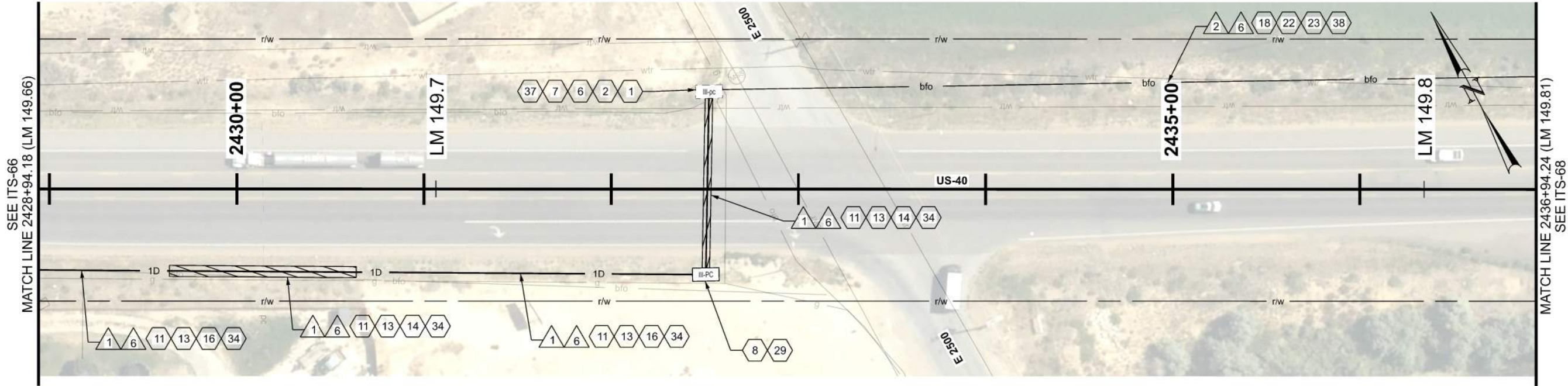
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- MAINTAIN COMMUNICATIONS TO SIGNAL VIA EXISTING NETWORK DURING CONSTRUCTION. TRANSITION SIGNAL COMMUNICATIONS TO NEW NETWORK UPON COMPLETION AND TESTING OF NEW FIBER LINK. REMOVE EXISTING FIBER NETWORK CABLE AND EQUIPMENT ONLY AFTER NEW LINKS ARE ESTABLISHED AND ACCEPTED BY UDOT.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS			
PROJECT	SEGMENT D	PIN	22900	APPROVED			
				2/2/2026			
PROJECT NUMBER	F-0040(251)125	DATE	2/2/2026	DRAWN BY			
				JJ			
ITS		PROFESSIONAL ENGINEER		CHECKED BY			
		APPROVED		RE			
		DATE		NO.			
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				APPROVED BY			
				REMARKS			
SHEET NO.		ITS-65					

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ITS CONSTRUCTION NOTES:

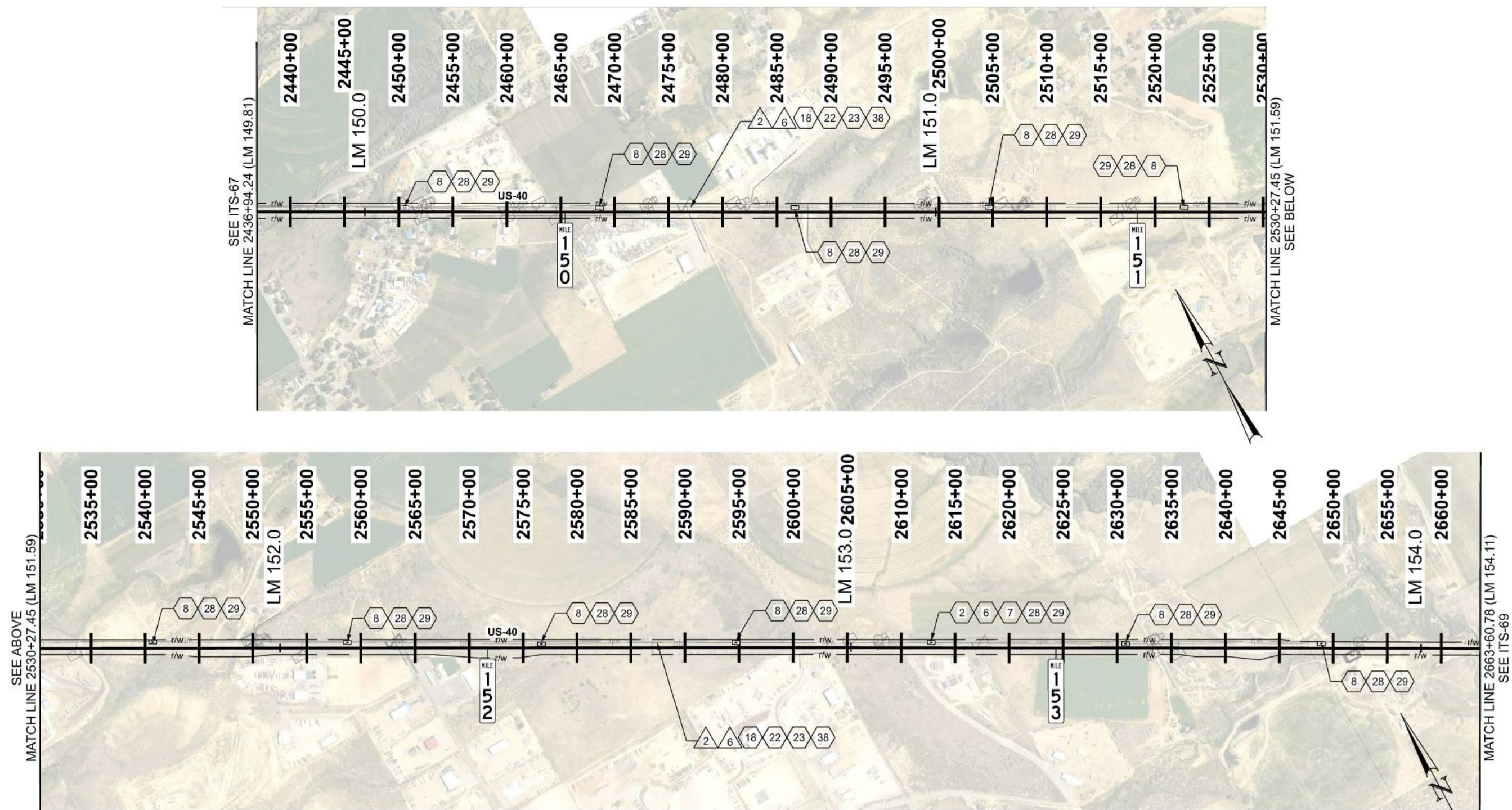
- 1 PROTECT IN PLACE
- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES.
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 11 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 18 INSTALL SMFO MICROFIBER CABLE IN BLUE MICRODUCT
- 22 INSTALL STATE FURNISHED THREE 12.7/10MM MICRODUCTS REQ'D
- 23 INSTALL MICRODUCTS WITHIN BROWN STRATA CONDUIT
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 34 1D CONDUIT
- 37 TIE INTO EXISTING III-PC PULL BOX
- 38 PROOF EXISTING CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

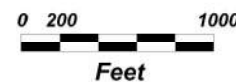
- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL VERIFY SUITABILITY OF LOCATIONS FOR DIRECTIONAL BORES IN THE FIELD. WHERE PRACTICAL, CONTRACTOR MAY TRENCH IN LIEU OF BORING BEHIND GUARDRAILS ONLY WHERE NO CULVERTS ARE PRESENT. A MINIMUM CLEARANCE OF 5 FEET SHALL BE MAINTAINED WHERE BORING IS CONDUCTED BEHIND GUARDRAILS.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

UTAH DEPARTMENT OF TRANSPORTATION		22900		APPROVED		2/2/2026		RE		DATE		APPROVED BY		REMARKS	
JURASSIC US-40 FIBER OPTICS		SEGMENT D		DRAWN BY		JJ		QC		CHECKED BY		NO.		DATE	
PROJECT		F-0040(251)125		PIN		22900		1		2		3		4	
PROJECT NUMBER		F-0040(251)125		PIN		22900		1		2		3		4	
SHEET NO.		ITS-67		22900		2/2/2026		RE		DATE		APPROVED BY		REMARKS	

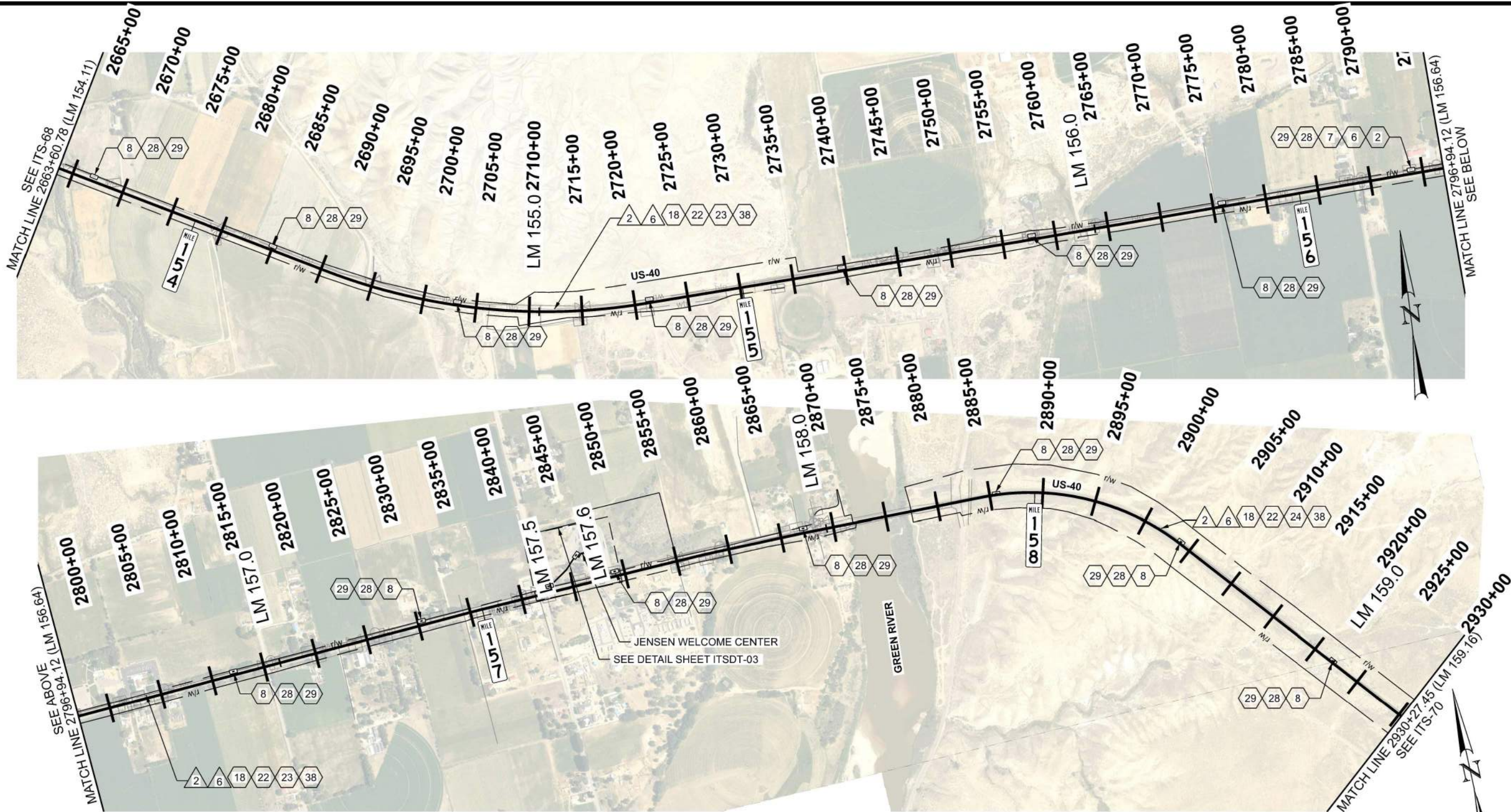


ITS CONSTRUCTION NOTES:

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D



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ITS CONSTRUCTION NOTES:

- 2 FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- 6 FUSION SPLICE REQ'D
- 7 PROVIDE 100 FT OF CABLE SLACK FOR RING CUTS AND 50 FT OF CABLE SLACK FOR CABLE ENDS, PLUS ADDITIONAL 7 FT ON ALL CABLES INSIDE OF SPLICE ENCLOSURE FOR SPLICING PURPOSES
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 18 INSTALL SMFO MICROFIBER CABLE IN BLUE MICRODUCT
- 22 INSTALL STATE FURNISHED THREE 12.7/10MM MICRODUCTS REQ'D
- 23 INSTALL MICRODUCTS WITHIN BROWN STRATA CONDUIT
- 24 INSTALL MICRODUCTS WITHIN ORANGE STRATA CONDUIT

- 28 INTERCEPT EX STRATA CONDUIT. BREAK OUT UDOT MICRODUCT
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 38 PROOF EXISTING CONDUIT

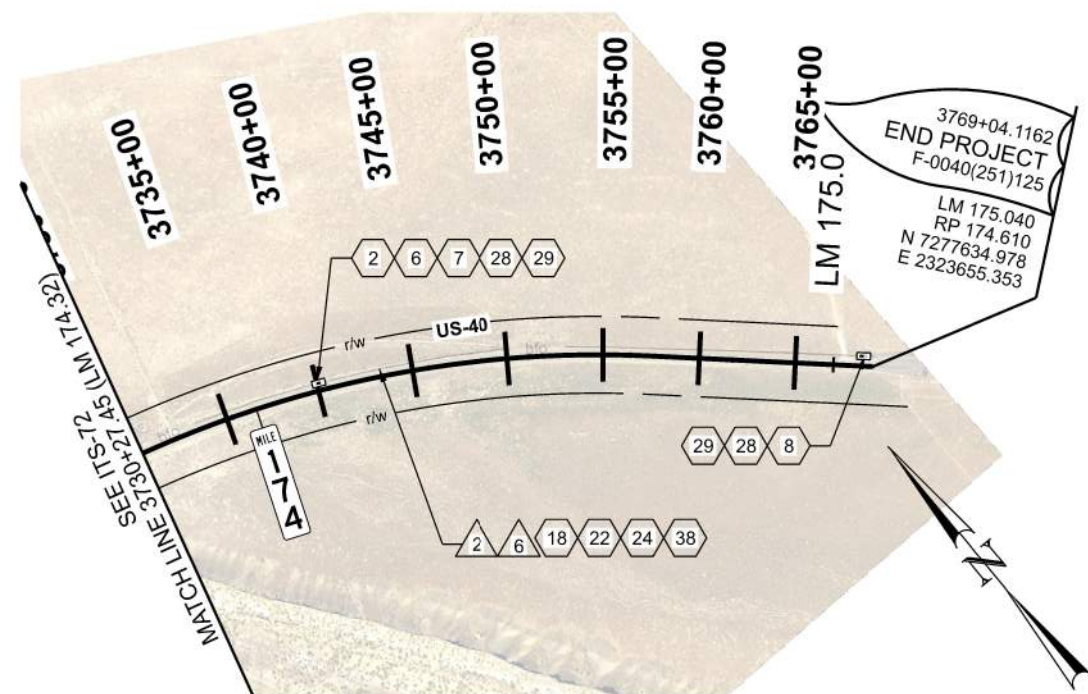
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

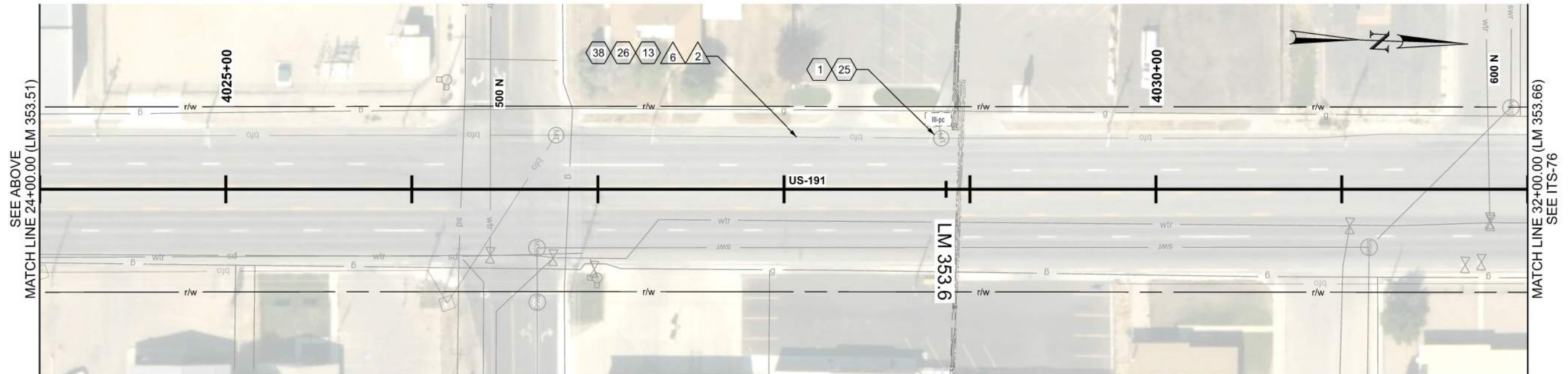
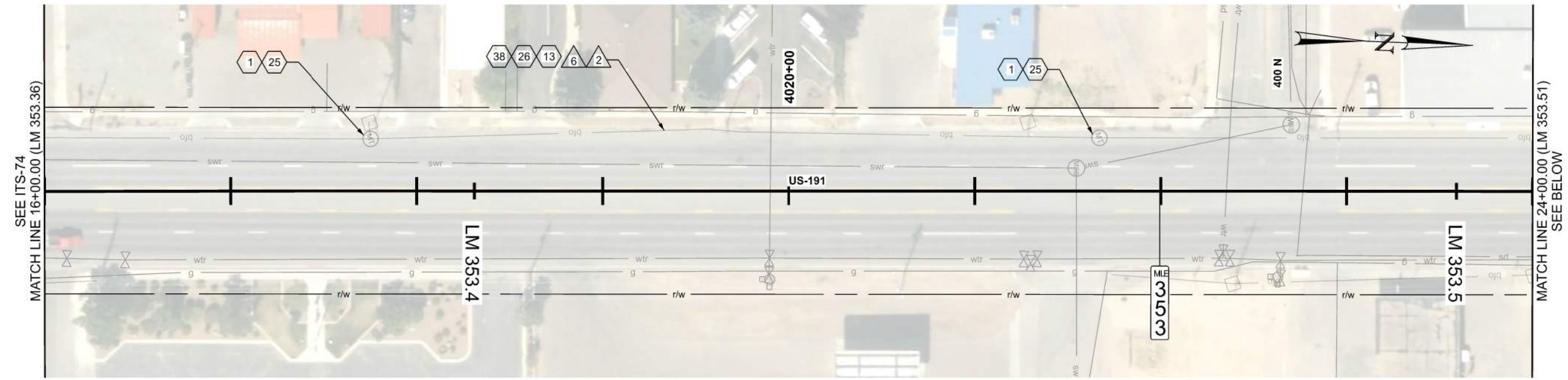
- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- TRANSITION PROPOSED MICROFIBER CABLE FROM BROWN STRATA CONDUIT TO ORANGE STRATA CONDUIT AT JENSEN WELCOME CENTER.



UTAH DEPARTMENT OF TRANSPORTATION		22900	
JURASSIC US-40 FIBER OPTICS		SEGMENT D	
PROJECT NUMBER		F-0040(251)125	
PROJECT		PIN	
22900		ITS	
APPROVED		PROFESSIONAL ENGINEER	
DRAWN BY		DATE	
JJ		2/6/2026	
QC CHECKED BY		RE	
1		DATE	
APPROVED BY		REMARKS	
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SHEET NO.		ITS-73	
PROJECT	JURASSIC US-40 FIBER OPTICS		
PROJECT NUMBER	SEGMENT D		
	F-0040(251)125	PIN	22900
ITS			
APPROVED <i>Jenna Page</i> 22900 UTAH DEPARTMENT OF TRANSPORTATION 22900			
DRAWN BY		JJ	
QC CHECKED BY		RE	
DATE		2/6/2026	
PROFESSIONAL ENGINEER		DATE	
APPROVED BY		DATE	
REMARKS			
REVISED			
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ITS CONSTRUCTION NOTES:

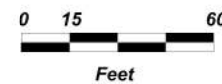
- | | |
|----|---|
| 1 | PROTECT IN PLACE |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 25 | EXISTING STRATA VAULT |
| 26 | INSTALL SMFO MICROFIBER CABLE IN RED STRATA 12/10 mm MICRODUCT |
| 38 | PROOF EXISTING CONDUIT |

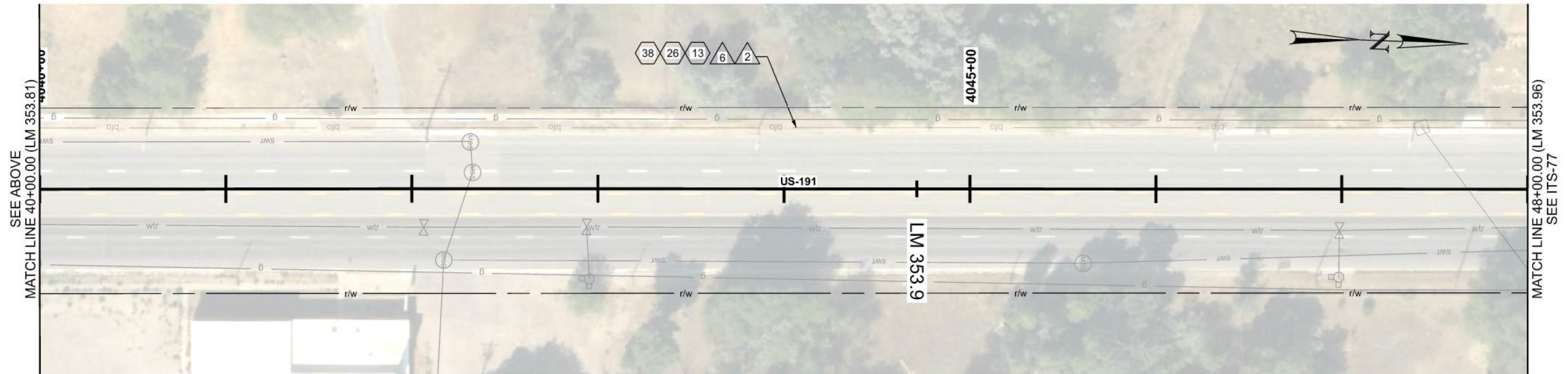
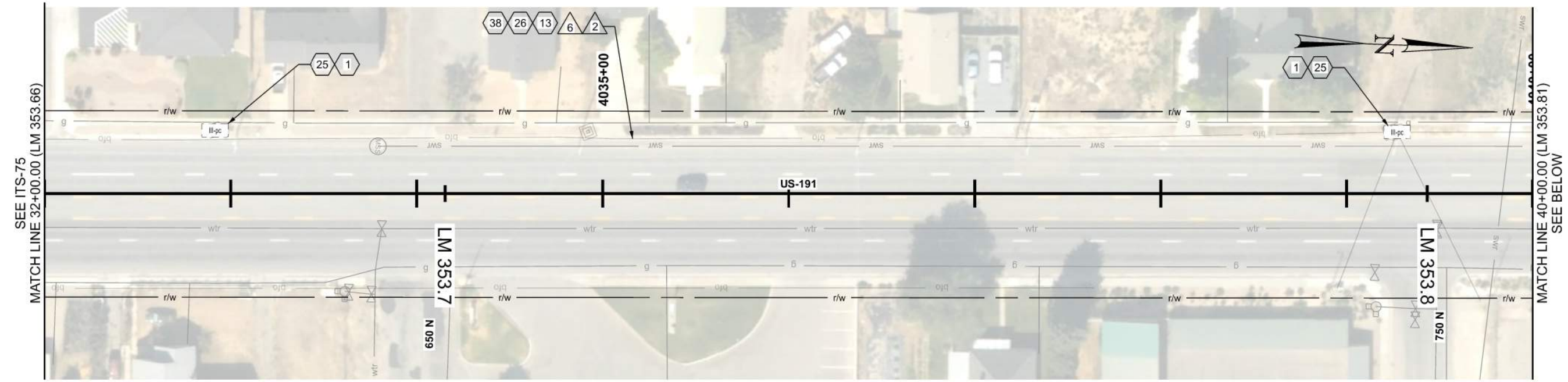
ITS WIRE SCHEDULE SUMMARY

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

1. ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
3. CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.

[illegible]



ITS CONSTRUCTION NOTES:

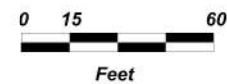
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|----|---|
| 1 | PROTECT IN PLACE |
| 13 | INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS |
| 25 | EXISTING STRATA VAULT |
| 26 | INSTALL SMFO MICROFIBER CABLE IN RED STRATA 12/10 mm MICRODUCT |
| 38 | PROOF EXISTING CONDUIT |

ITS WIRE SCHEDULE SUMMARY

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

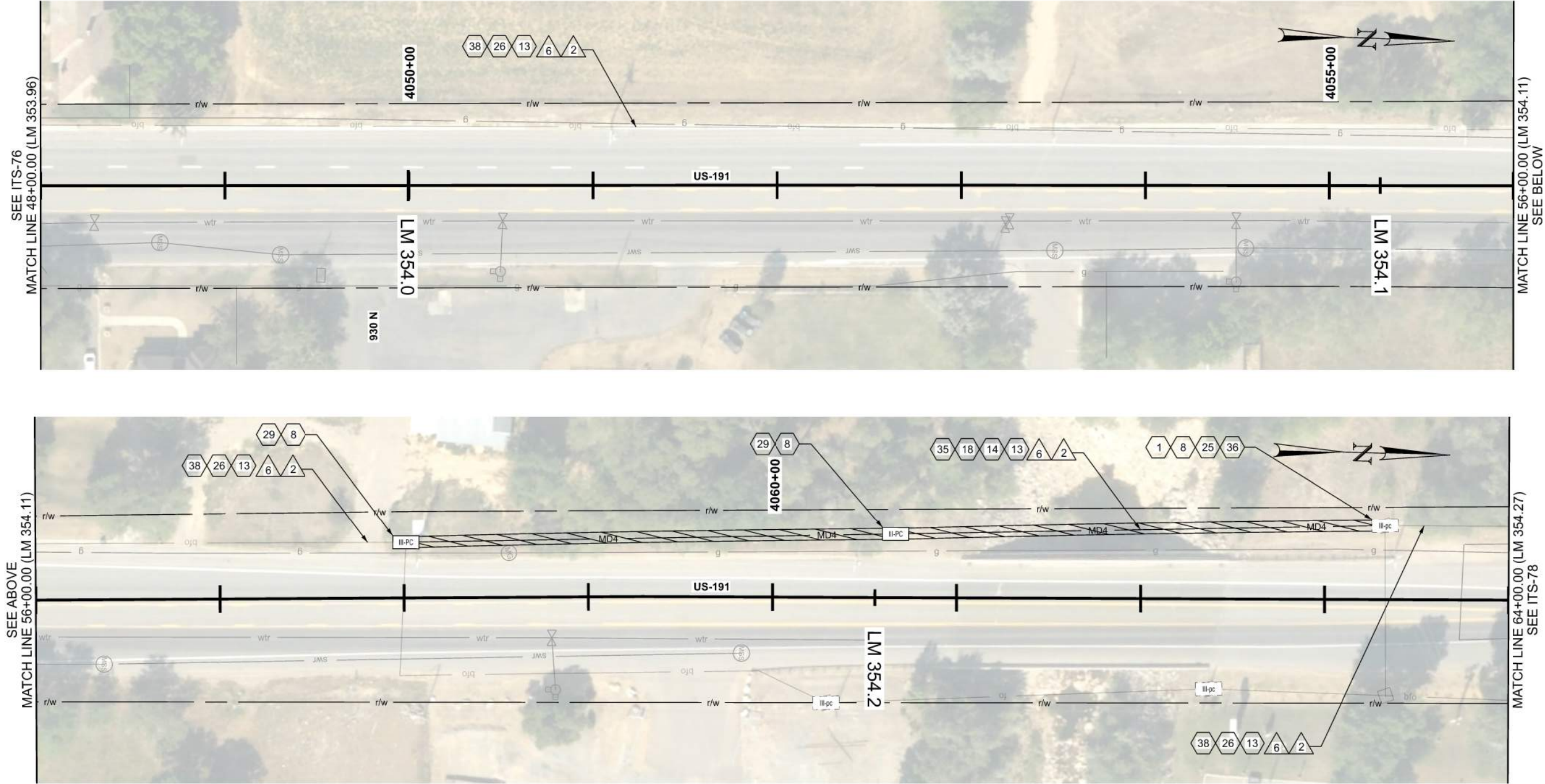
GENERAL NOTES:

1. ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
3. CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.



SHEET NO.		ITS-76	
JURASSIC US-40 FIBER OPTICS		SEGMENT D	
PROJECT			
PROJECT NUMBER	F-0040(251)125	PIN	22900
ITS			
UTAH DEPARTMENT OF TRANSPORTATION		22900	
APPROVED		 JENNA PAGE PROFESSIONAL ENGINEER	
DRAWN BY		JJ	
DATE		2/2/2026	
QC CHECKED BY		RE	
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APPROVED BY		REMARKS	
REVISIONS			
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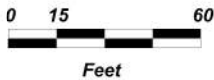
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ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 14 DIRECTIONAL BORE REQ'D
- 18 INSTALL SMFO MICROFIBER CABLE BLUE MICRODUCT
- 25 EXISTING STRATA VAULT
- 26 INSTALL SMFO MICROFIBER CABLE IN RED STRATA 12/10 mm MICRODUCT
- 28 INTERCEPT EX STRATA CONDUIT. BREAK OUT UDOT MICRODUCT
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 35 INSTALL 4-WAY CONDUIT
- 36 TIE PROPOSED 4-WAY CONDUIT INTO EXISTING STRATA VAULT

38 PROOF EXISTING CONDUIT



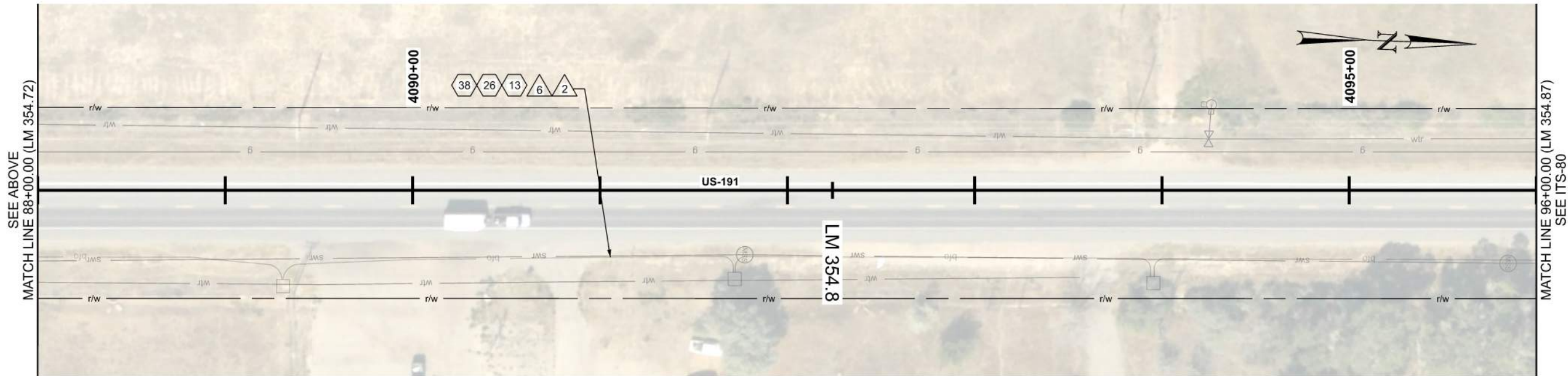
ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.
- CONTRACTOR SHALL VERIFY SUITABILITY OF LOCATIONS FOR DIRECTIONAL BORES IN THE FIELD. WHERE PRACTICAL, CONTRACTOR MAY TRENCH IN LIEU OF BORING BEHIND GUARDRAILS ONLY WHERE NO CULVERTS ARE PRESENT. A MINIMUM CLEARANCE OF 5 FEET SHALL BE MAINTAINED WHERE BORING IS CONDUCTED BEHIND GUARDRAILS.
- CONTRACTOR SHALL INSPECT ALL CULVERTS AFTER BORING OPERATIONS ARE COMPLETED TO ENSURE NO DAMAGE OR DISRUPTION HAS OCCURRED.

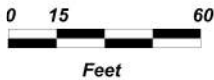
JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS				
		SEGMENT D		22900				
PROJECT	PROJECT NUMBER	F-0040(251)125	PIN	22900	APPROVED			
ITS		APPROVED		DRAWN BY JJ				
				QC CHECKED BY				
				DATE 2/2/2026				
				PROFESSIONAL ENGINEER				
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				NO. 1				
				DATE				
				APPROVED BY				
				REMARKS				

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ITS CONSTRUCTION NOTES:

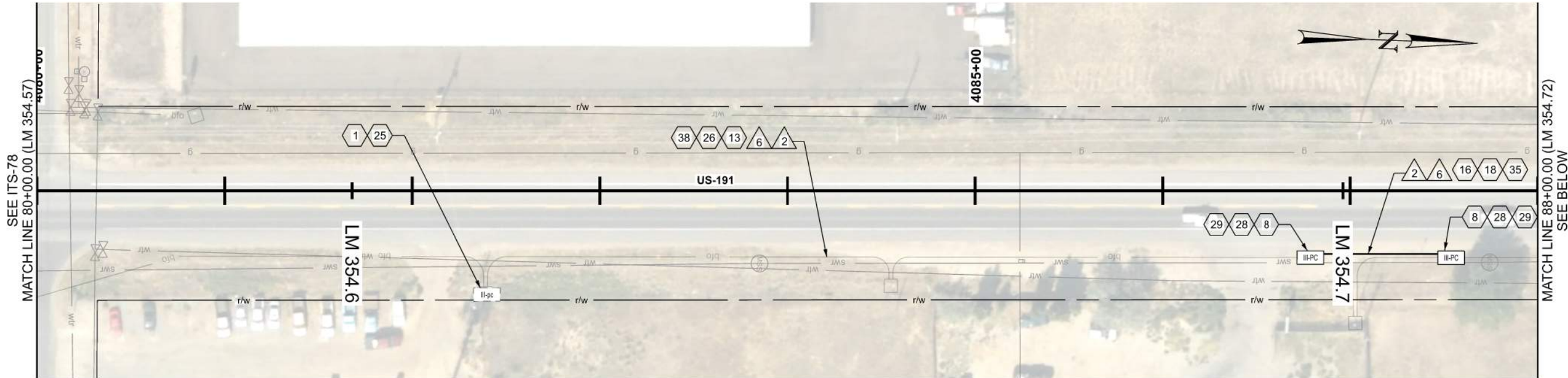
- 1 PROTECT IN PLACE
- 8 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 16 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 18 INSTALL SMFO MICROFIBER CABLE IN BLUE MICRODUCT
- 25 EXISTING STRATA VAULT
- 26 INSTALL SMFO MICROFIBER CABLE IN RED STRATA 12/10 mm MICRODUCT
- 28 INTERCEPT EX STRATA CONDUIT. BREAK OUT UDOT MICRODUCT
- 29 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 35 MD4 MICRODUCT BUNDLE
- 38 PROOF EXISTING CONDUIT



ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

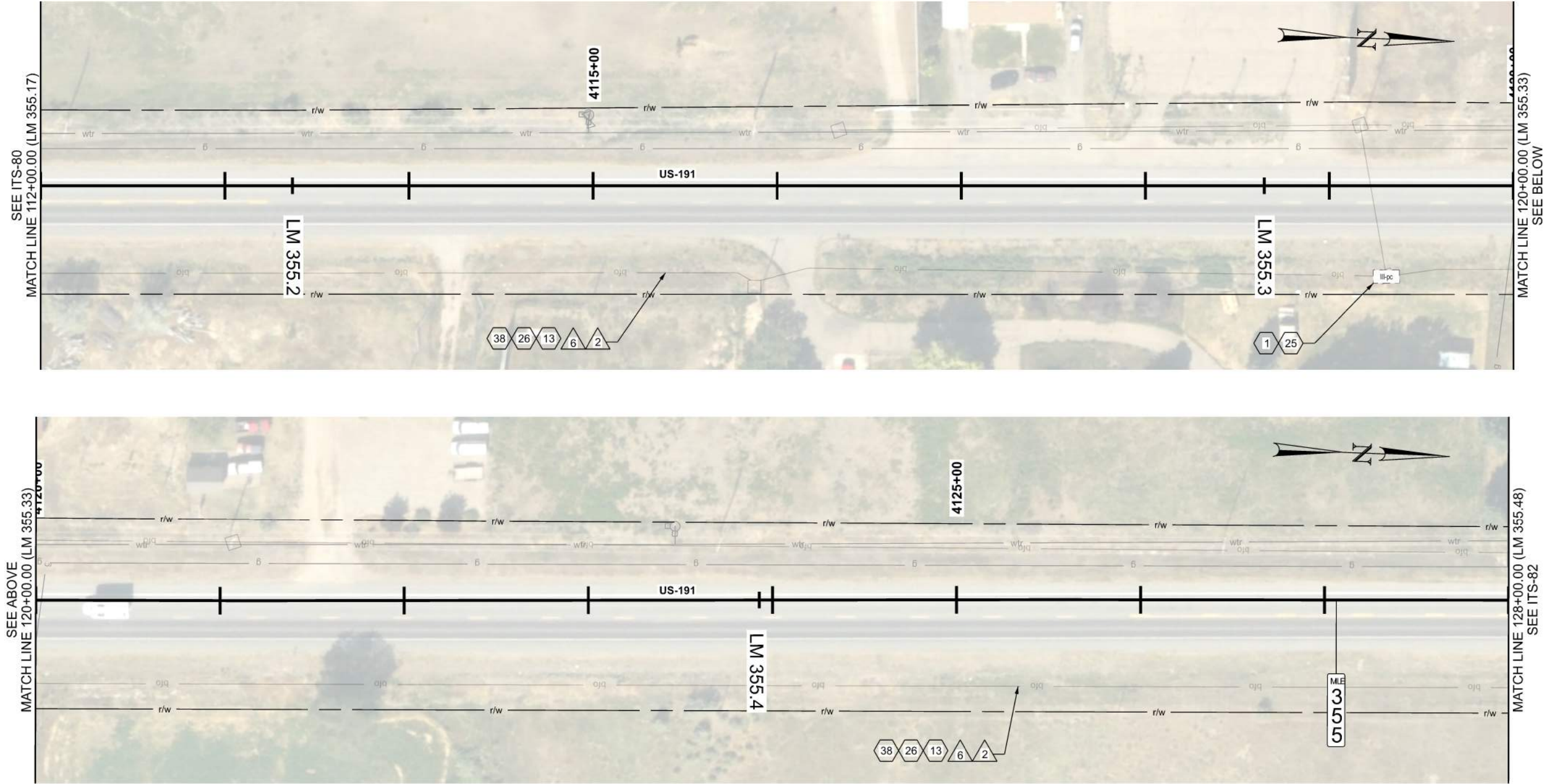
GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.



SHEET NO.		ITS-79							
PROJECT	JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION 22900	REVISIONS					
	SEGMENT D								
PROJECT NUMBER	F-0040(251)125	PIN	22900	APPROVED	<i>Jenna Gage</i>	2/2/2026	DRAWN BY JJ	5	
								4	
								3	
								2	
								1	
								NO.	DATE
								APPROVED BY	REMARKS

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ITS CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE
- 13 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 25 EXISTING STRATA VAULT
- 26 INSTALL SMFO MICROFIBER CABLE IN RED STRATA 12/10 mm MICRODUCT
- 38 PROOF EXISTING CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
2	STATE FURNISHED 144 STRAND SMFO MICROFIBER CABLE REQ'D
6	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

GENERAL NOTES:

- ALL CONTRACTOR PROPOSED ADJUSTMENTS TO CONDUIT RUNNING LINES AND JUNCTION BOX LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- REFERENCE POSTS SHOWN CORRESPOND TO THE PHYSICAL MILEPOST SIGN FACES IN THE FIELD. MILEPOSTS SHOWN ALONG THE ALIGNMENT AT TENTH-OF-A-MILE INTERVALS DO NOT MATCH UDOT REFERENCE POSTS; HOWEVER, THEY ARE SHOWN FOR CONSISTENCY AND REFERENCE ALONG THE ALIGNMENT.
- CONDUIT RUNNING LINE WITHIN TOWNS TO BE UNDERNEATH SIDEWALK, BEHIND CURB AND GUTTER, OR IN DIRT SHOULDER AT EDGE OF PAVEMENT.

JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS			
		SEGMENT D	22900	5			
PROJECT	PROJECT NUMBER	F-0040(251)125	PIN	22900	4		
					3		
PROJECT	PROJECT NUMBER	F-0040(251)125	PIN	22900	2		
					1		
ITS		APPROVED		DATE			
		2/2/2026		RE			
		Jenna Gage		APPROVED BY			
		PROFESSIONAL ENGINEER		REMARKS			
SHEET NO.		ITS-81					

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SUMMARY OF ITEMS				
BID ITEM	SPEC	PAY ITEM NAME	UNIT	QTY
1	15017010	Mobilization	LUMP	1
2	01540701*	Public Information Services	LUMP	1
3	15547005	Traffic Control	LUMP	1
4	01557700*	Portable Variable Message Signs	DEVICE DAY	12
5	15717025	Check Dam – Fiber Roll	FT	15,375
6	15717075	Drop-Inlet Barrier – Fiber Roll	FT	32
7	15717115	Pipe-Inlet Barrier – Fiber Roll	EACH	29
8	15717140	Fiber Roll Barrier	FT	51,828
9	02216700P	Test-Hole Utility (Contingency)	EACH	75
10	02816700*	Landscape Restoration	SQ FT	12,978
11	02922703P	Broadcast Seed (Plan Quantity)	ACRE	2
12	16525701P	Install State Furnished 30' Highway Luminaire Pole and Foundation	EACH	1
13	13551700*	Building Entry	EACH	4
14	13553701*	Install State Furnished 1D Conduit	FT	117,157
15	13553701P	Install State Furnished One 2-Inch Conduit	FT	1,871
16	13553706*	Install State Furnished Three 12.7/10mm Microducts	FT	133,408
17	13553708*	Proof Existing Conduit	FT	193,236
18	13553710*	Directional Bore	FT	35,222
19	13553711*	Plow/Trench Outside Roadway – 36 in Depth	FT	1,416
20	13553712*	Plow/Trench Outside Roadway – 60 in Depth	FT	82,344
21	13553713*	60-Inch Depth Rock Saw Trench (Contingency)	FT	5,280
22	13553714*	36-Inch Depth Rock Saw Trench (Contingency)	FT	2,140
23	13553702*	MD4 Microduct Bundle	FT	593
24	135547020	Polymer Concrete Junction Box, Type I	EACH	2
25	13554703*	Install State Furnished HDPE Junction Box, Type II	EACH	2
26	13554704*	Install State Furnished HDPE Junction Box, Type III	EACH	158
27	13555702P	Install State Furnished Pole-Mounted 336 ITS Cabinet - No Paint	EACH	1
28	13556711P	Install State Furnished Galvanized 6-Bolt Mount CCTV Pole, 45'	EACH	1
29	13556712P	CCTV Pole Foundation	EACH	1
30	13594700*	Install State Furnished WiFi Hotspot	EACH	4
31	13594701P	Pull Existing Fiber Cable Through New Conduit	FT	450
32	13594703*	CAT 6 Ethernet Cable	FT	800
33	13594707*	Install State Furnished 144 Strand SMFO Microfiber Cable	FT	167,099
34	13594708*	Install State Furnished 72 Strand SMFO Cable	FT	373
35	13594709*	Install State Furnished 144 Strand SMFO Cable	FT	165,659
36	13594710*	288 Strand Hub Fiber Optic Distribution Unit (FDU)	EACH	1
37	13594711*	72 Strand Hub Fiber-Optic Distribution Unit (FDU)	EACH	1
38	13594712*	120VAC Circuit	EACH	1
39	13594713P	Install State Furnished Fusion Splice	EACH	2,610
40	13594714*	6 Strand FOC Drop Cable	FT	4,498
41	13594715P	Install State Furnished Fiber Optic Cable Splice Enclosure	EACH	36
42	13594716*	7 ft Two Post Telecommunications Rack	EACH	1
43	13594717*	6 Strand Pre-Terminated Drop Cable Unit	EACH	12
44	16530700P	#14 AWG Solid/Insulated Locate Wire	FT	306,265
45	16530701P	ITS Electrical Service, MP 59.1	LUMP	1
46	16530702P	State Furnished POE Network Switch	EACH	1

PIN 22900 - JURASSIC US-40/US-191 FIBER OPTICS - MISCELLANEOUS SUMMARY														
FROM		TO		MOBILIZATION	PUBLIC INFORMATION SERVICES	TRAFFIC CONTROL	PORTABLE VARIABLE MESSAGE SIGNS	CHECK DAM - FIBER ROLL	DROP-INLET BARRIER - FIBER ROLL	PIPE-INLET BARRIER - FIBER ROLL	FIBER ROLL BARRIER	TEST-HOLE UTILITY (CONTINGENCY)	LANDSCAPE RESTORATION	BROADCAST SEED (PLAN QUANTITY)
STATION	ALIGNMENT	STATION	ALIGNMENT	LUMP	LUMP	LUMP	DEVICE DAY	FT	FT	EACH	FT	EACH	SQ. FT.	ACRE
N/A	PROJECTWIDE	N/A	PROJECTWIDE	1	1	1	12	15375	32	29	51828	75	12978	2
TOTAL				1	1	1	12	15375	32	29	51828	75	12978	2

PROJECT		JURASSIC US-40 FIBER OPTICS - SEGMENT D		F-0040(251)125		PIN 22900		SUMMARY OF ITEMS		REVISIONS		APPROVED BY		REMARKS			
PROJECT NUMBER		F-0040(251)125		PIN 22900		APPROVED		Jenna Gage		2/10/2026		DATE		APPROVED BY		RE	
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PIN 22900 - US-40 FIBER OPTICS - ITS SUMMARY																			
SHEET NUMBER	FROM		TO		ITS CONDUIT & INSTALLATION METHODS												POLYMER CONCRETE JUNCTION BOX		
					INSTALL STATE FURNISHED 1D CONDUIT	INSTALL STATE FURNISHED ONE 2-INCH CONDUIT	#14 AWG SOLID/INSULATED LOCATE WIRE	DIRECTIONAL BORE	PLOW OR TRENCH OUTSIDE OF ROADWAY - 60 INCH DEPTH	PLOW OR TRENCH OUTSIDE OF ROADWAY - 36 INCH DEPTH	60-INCH DEPTH ROCK SAW TRENCH (CONTINGENCY)*	36-INCH DEPTH ROCK SAW TRENCH (CONTINGENCY)*	MD4 MICRODUCT BUNDLE	PROOF EXISTING CONDUIT	INSTALL STATE FURNISHED THREE 12.7/10MM MICRODUCTS	POLYMER CONCRETE JUNCTION BOX, TYPE I	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE II	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE III	
																			STATION
ITS-DT-03	2841+30.54	US-40	2849+75.00	US-40		413	413	100	213	100									2
ITS-DT-04	3148+73.55	US-40	3155+10.14	US-40															1
ITS-DT-05	2133+43.33	US-40	2138+38.78	US-40			395							395					1
ITS-DT-06	984+95.62	US-40	993+53.03	US-40		618	618	47	558										2
ITS-DT-07	00+00.00	7500 E	14+30.45	7500 E	1488		1488	299	1189										1
ITS-DT-08	14+30.45	7500 E	30+30.83	7500 E	1601		1601		1601										1
ITS-DT-09	30+30.83	7500 E	46+31.01	7500 E	1600		1600	200	1400										1
ITS-DT-10	46+31.01	7500 E	63+18.67	7500 E	1698		1698	439	1259										1
ITS-DT-11	63+18.67	7500 E	76+80.69	7500 E	1332		1332	118	1214										2
ITS-DT-12	76+80.69	7500 E	92+46.00	7500 E	1559		1559	704	855										1
ITS-DT-13	92+46.00	7500 E	105+64.45	7500 E	1331		1331	177	1154										1
ITS-DT-14	105+64.45	7500 E	112+61.80	7500 E	806		806	68	738										1
ITS-DT-15	429+52.90	US-40	442+59.34	US-40		450		140		310							2	1	
ITS-DT-16	1625+00.00	US-40	1637+00.00	US-40		190				190								1	1
ITS-01	1000+00.00	US-40	1017+97.81	US-40															
ITS-02	1017+97.81	US-40	1039+60.78	US-40			2181							2181					
ITS-03	1039+60.78	US-40	1066+27.45	US-40			2689							2689					
ITS-04	1066+27.45	US-40	1092+94.12	US-40			2681							2681					
ITS-05	1092+94.12	US-40	1119+60.78	US-40			2684							2684					
ITS-06	1119+60.78	US-40	1146+27.45	US-40			2733							2733					
ITS-07	1146+27.45	US-40	1172+94.12	US-40	1461		2677	100	1212	149				1216					1
ITS-08	1172+94.12	US-40	1199+60.78	US-40	2667		2667	100	2567										2
ITS-09	1199+60.78	US-40	1226+27.45	US-40	2673		2673	100	2573										1
ITS-10	1226+27.45	US-40	1252+94.12	US-40	2743		2743	454	2289										3
ITS-11	1252+94.12	US-40	1279+60.78	US-40	2667		2667		2667										1
ITS-12	1279+60.78	US-40	1306+27.45	US-40	2676		2676	100	2576										2
ITS-13	1306+27.45	US-40	1332+94.12	US-40	2679		2679	300	2379										1
ITS-14	1332+94.12	US-40	1359+60.78	US-40	2667		2667	200	2467										2
ITS-15	1359+60.78	US-40	1386+27.45	US-40	2665		2665	400	2265										2
ITS-16	1386+27.45	US-40	1412+94.12	US-40	2632		2632	300	2332										1
ITS-17	1412+94.12	US-40	1439+60.78	US-40	2670		2670	200	2470										2
ITS-18	1439+60.78	US-40	1466+27.45	US-40	2684		2684	330	2354										1
ITS-19	1466+27.45	US-40	1492+94.12	US-40	2667		2667	382	2285										2
ITS-20	1492+94.12	US-40	1519+60.78	US-40	2667		2667	200	2467										1
ITS-21	1519+60.78	US-40	1546+27.45	US-40	2667		3283	300	2367					631					2
ITS-22	1546+27.45	US-40	1572+94.12	US-40	2676		5343	502	1507	667				2670					1
ITS-23	1572+94.12	US-40	1599+60.78	US-40	2175		4933	200	1975					2757					1
ITS-24	1599+60.78	US-40	1626+27.45	US-40			2640							2640					
ITS-25	1626+27.45	US-40	1652+94.12	US-40			2663							2663					
ITS-26	1652+94.12	US-40	1679+60.78	US-40		20	2679							2679					1
ITS-27	1679+60.78	US-40	1706+27.45	US-40	724		2645		724					1921					
ITS-28	1706+27.45	US-40	1732+94.12	US-40	2772		2772	84	2688										2
ITS-29	1732+94.12	US-40	1759+60.78	US-40	2665		2665	365	2300										2
ITS-30	1759+60.78	US-40	1786+27.45	US-40	2666		2666	235	2431										1
ITS-31	1786+27.45	US-40	1812+94.12	US-40	2667		2667	500	2167										2
ITS-32	1812+94.12	US-40	1839+60.78	US-40	2667		2667	400	2267										1
ITS-33	1839+60.78	US-40	1866+27.45	US-40	2684		2684	100	2584										2
ITS-34	1866+27.45	US-40	1892+94.12	US-40	2656		2656	200	2456										2
ITS-35	1892+94.12	US-40	1919+60.78	US-40	2662		2662	475	2187										1
ITS-36	1919+60.78	US-40	1946+27.45	US-40	2682		2682	425	2257										1
ITS-37	1946+27.45	US-40	1972+94.12	US-40	2662		2662	300	2362										2
ITS-38	1972+94.12	US-40	1999+60.78	US-40	2657		2657	598	2059										2
ITS-39	1999+60.78	US-40	2004+94.12	US-40	528		528	415	113										1
ITS-40	2004+94.12	US-40	2020+94.12	US-40	487		1602	297	190					1115					
ITS-41	2020+94.12	US-40	2036+94.12	US-40	1602		1602	936	666										1
ITS-42	2036+94.12	US-40	2052+94.12	US-40	729		1603	598	131					874					
ITS-43	2052+94.12	US-40	2068+94.12	US-40			1602							1602					
ITS-44	2068+94.12	US-40	2084+94.12	US-40			1601							1601					
ITS-45	2084+94.12	US-40	2100+94.12	US-40			1601							1601					
SUBTOTAL					88661	1691	127008	12388	76515	1416	0	0	0	37333	0	2	2	63	

[illegible]

*FOR INFORMATION ONLYSHEET NO. ITS-S3

[illegible]

SHEET NO.		ITS-S4															
PROJECT JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION										REVISED					
		- SEGMENT D															
PROJECT NUMBER	F-0040(251)125	PIN	22900	APPROVED		DRAWN BY		JJ									
ITS SUMMARY				2/6/2026		QC CHECKED BY		RE									
						DATE											
				PROFESSIONAL ENGINEER						NO.		DATE		APPROVED BY		REMARKS	

*FOR INFORMATION ONLY

SHEET NO. ITS-S5

D:\Fiber\proj\jds\jurassic\jurassic-us-40-fiber-optics-segment-D-roadbox-design\ITS-55-7 2-FEB-2026

US-40 JUNCTION BOX LOCATION SUMMARY					
SHEET NUMBER	STATION	OFFSET	POLYMER CONCRETE JUNCTION BOX, TYPE I	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE II	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE III
ITS-07	1168+14.70	23.67' RT			1
ITS-08	1175+02.80	22.49' RT			1
ITS-08	1194+46.25	27.28' RT			1
ITS-09	1209+33.18	35.00' RT			1
ITS-10	1227+43.01	35.00' RT			1
ITS-10	1227+43.08	41.48' LT			1
ITS-10	1245+56.00	38.13' LT			1
ITS-11	1262+59.57	38.18' LT			1
ITS-12	1280+72.03	38.05' LT			1
ITS-12	1302+72.60	38.00' LT			1
ITS-13	1315+23.02	37.93' LT			1
ITS-14	1333+18.94	38.32' LT			1
ITS-14	1349+68.06	32.18' LT			1
ITS-15	1367+72.03	37.00' LT			1
ITS-15	1380+11.75	32.00' LT			1
ITS-16	1402+61.68	40.65' LT			1
ITS-17	1419+14.93	58.00' LT			1
ITS-17	1436+69.75	50.52' LT			1
ITS-18	1452+11.88	31.14' LT			1
ITS-19	1472+18.44	24.58' LT			1
ITS-19	1489+40.73	20.61' LT			1
ITS-20	1507+82.31	26.56' LT			1
ITS-21	1525+44.73	28.63' LT			1
ITS-21	1541+73.72	31.76' LT			1
ITS-22	1561+57.13	104.70' LT			1
ITS-23	1582+00.49	24.30' LT			1
ITS-26	1662+31.71	55.33' LT			1
ITS-28	1729+16.78	45.00' RT			1
ITS-28	1729+11.63	50.00' LT			1
ITS-29	1735+35.76	44.87' RT			1
ITS-29	1752+34.58	44.94' RT			1
ITS-30	1770+23.75	44.14' RT			1
ITS-31	1789+26.84	41.97' RT			1
ITS-31	1804+75.75	45.00' RT			1
ITS-32	1824+00.70	42.34' RT			1
ITS-33	1843+74.25	40.39' RT			1
ITS-33	1862+51.11	40.85' RT			1
ITS-34	1879+61.15	40.45' RT			1
ITS-34	1892+68.72	39.88' RT			1
ITS-35	1913+24.61	42.76' RT			1
ITS-36	1935+49.20	51.88' RT			1
ITS-37	1949+09.25	51.21' RT			1
ITS-37	1967+17.04	44.44' RT			1
ITS-38	1985+09.75	52.36' RT			1
ITS-38	1994+47.52	50.18' RT			1
ITS-39	2003+78.24	52.57' RT			1
ITS-41	2032+59.52	51.71' RT			1
ITS-47	2120+91.40	48.23' RT			1
ITS-48/ITS-48	2136+33.77	59.86' LT			1
ITS-48	2148+12.34	40.76' LT			1
ITS-50	2173+66.61	38.18' LT			1
ITS-54	2233+55.67	44.11' LT			1
SUBTOTAL					52

US-40 JUNCTION BOX LOCATION SUMMARY					
SHEET NUMBER	STATION	OFFSET	POLYMER CONCRETE JUNCTION BOX, TYPE I	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE II	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE III
ITS-55	2245+42.28	44.01' RT			1
ITS-56	2262+44.15	43.63' RT			1
ITS-57	2275+07.19	63.12' RT			1
ITS-58	2293+28.05	38.70' RT			1
ITS-59	2311+44.46	36.70' RT			1
ITS-60	2329+75.57	39.58' RT			1
ITS-61	2347+87.58	39.58' RT			1
ITS-62	2355+14.80	41.28' RT			1
ITS-63	2365+28.70	35.78' RT			1
ITS-63	2371+41.53	66.07' RT			1
ITS-64	2395+17.61	35.96' RT			1
ITS-66	2413+27.42	31.71' RT			1
ITS-67	2432+50.50	45.63' RT			1
ITS-68	2450+57.46	37.99' LT			1
ITS-68	2468+62.72	36.55' LT			1
ITS-68	2486+67.01	41.13' LT			1
ITS-68	2504+66.04	44.29' LT			1
ITS-68	2522+68.32	44.76' LT			1
ITS-68	2540+70.35	58.23' LT			1
ITS-68	2558+74.21	52.1' LT			1
ITS-68	2576+68.14	34.5' LT			1
ITS-68	2594+72.15	46.12' LT			1
ITS-68	2612+75.19	49.94' LT			1
ITS-68	2630+78.39	39.19' LT			1
ITS-68	2648+90.74	43.14' LT			1
ITS-69	2666+97.11	45.41' LT			1
ITS-69	2685+01.23	37.49' LT			1
ITS-69	2703+18.53	32.38' LT			1
ITS-69	2721+40.96	33.52' LT			1
ITS-69	2739+65.41	32.71' LT			1
ITS-69	2757+78.59	35.50' LT			1
ITS-69	2775+86.77	35.14' LT			1
ITS-69	2793+93.01	38.51' LT			1
ITS-69	2812+11.13	33.72' LT			1
ITS-69	2830+35.89	39.65' LT			1
ITS-69/ITS-69	2842+81.37	60.51' LT			1
ITS-69/ITS-69	2845+94.58	280.32' LT			1
ITS-69	2849+11.09	45.73' LT			1
ITS-69	2867+19.29	43.33' LT			1
ITS-69	2885+62.79	10.63' LT			1
ITS-69	2903+87.81	20.16' LT			1
ITS-69	2922+01.37	16.39' LT			1
ITS-70	2940+44.33	22.9' LT			1
ITS-70	2958+61.92	24.76' LT			1
ITS-70	2976+83.10	27.23' LT			1
ITS-70	2994+98.92	27.51' LT			1
ITS-70	3013+78.39	36.08' LT			1
ITS-70	3031+88.56	40.46' LT			1
ITS-70	3049+91.51	37.29' LT			1
ITS-70	3068+04.75	44.27' LT			1
ITS-70	3086+43.16	45.94' LT			1
ITS-70	3104+50.13	50.48' LT			1
SUBTOTAL					52

PROJECT		JURASSIC US-40 FIBER OPTICS		UTAH DEPARTMENT OF TRANSPORTATION		REVISIONS	
PROJECT NUMBER		SEGMENT D		APPROVED		NO.	
F-0040(251)125		PIN		2/2/2026		DATE	
JUNCTION BOX SUMMARY		DRAWN BY		CHECKED BY		APPROVED BY	
		JJ		OC		RE	
		2/2/2026		DATE		REMARKS	
		PROFESSIONAL ENGINEER		Jenna Gage			
SHEET NO.		ITS-56					

US-40 JUNCTION BOX LOCATION SUMMARY					
SHEET NUMBER	STATION	OFFSET	POLYMER CONCRETE JUNCTION BOX, TYPE I	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE II	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE III
ITS-70	3122+61.47	47.38' LT			1
ITS-70	3140+86.66	52.72' LT			1
ITS-70/ITS-70-04	3151+31.73	65.18' LT			1
ITS-70	3159+26.39	52.38' LT			1
ITS-70	3177+64.19	42.71' LT			1
ITS-70	3195+79.78	44.01' LT			1
ITS-71	3214+01.18	49.42' LT			1
ITS-71	3232+43.23	44.74' LT			1
ITS-71	3250+53.89	45.05' LT			1
ITS-71	3268+64.49	43.23' LT			1
ITS-71	3286+81.29	38.72' LT			1
ITS-71	3305+00.63	35.57' LT			1
ITS-71	3323+36.00	35.12' LT			1
ITS-71	3341+39.51	38.95' LT			1
ITS-71	3359+65.53	32.08' LT			1
ITS-71	3377+78.11	36.13' LT			1
ITS-71	3395+90.81	37.66' LT			1
ITS-71	3413+97.42	31.21' LT			1
ITS-71	3432+08.02	35.63' LT			1
ITS-71	3450+15.02	44.06' LT			1
ITS-72	3468+29.50	43.73' LT			1
ITS-72	3486+38.97	50.03' LT			1
ITS-72	3504+49.12	45.6' LT			1
ITS-72	3522+56.31	39.81' LT			1
ITS-72	3540+69.98	44.14' LT			1
ITS-72	3558+74.14	41.65' LT			1
ITS-72	3577+19.17	32.69' LT			1
ITS-72	3595+29.80	38.56' LT			1
ITS-72	3613+41.45	39.73' LT			1
ITS-72	3631+43.46	38.27' LT			1
ITS-72	3649+62.36	40.62' LT			1
ITS-72	3667+73.83	41.63' LT			1
ITS-72	3685+82.03	41.94' LT			1
ITS-72	3704+01.61	42.66' LT			1
ITS-72	3714+29.36	51.24' LT			1
ITS-72	3722+09.80	39.48' LT			1
ITS-73	3740+09.62	38.82' LT			1
ITS-73	3768+42.52	51.84' LT			1
ITS-70-06	986+76.88	397.61' LT			1
ITS-70-06	989+71.90	325.81' LT			1
ITS-70-07	5+71.88	49.08' LT			1
ITS-70-08	20+12.94	11.01' RT			1
ITS-70-09	39+97.97	12.33' RT			1
ITS-70-10	61+84.91	17.25' RT			1
ITS-70-11	70+38.93	8.85' RT			1
ITS-70-11	74+68.47	13.07' RT			1
ITS-70-12	83+17.84	11.27' RT			1
ITS-70-13	102+79.33	11.27' RT			1
ITS-70-14	97+46.04	974.27' LT			1
ITS-70-15	435+89.45	239.80' LT	1		
ITS-70-15	439+82.65	210.58' RT	1		
ITS-70-15	439+85.33	203.88' RT		1	
ITS-70-16	1625+85.19'	1037.73' LT		1	1
SUBTOTAL			2	2	50
TOTAL			2	2	154

US-191 JUNCTION BOX LOCATION SUMMARY					
SHEET NUMBER	STATION	OFFSET	POLYMER CONCRETE JUNCTION BOX, TYPE I	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE II	INSTALL STATE FURNISHED HDPE JUNCTION BOX, TYPE III
ITS-77	4058+01.44	30.78' LT			1
ITS-77	4060+66.85	34.62' LT			1
ITS-79	4086+78.81	35.47' RT			1
ITS-79	4087+53.83	35.41' RT			1
SUBTOTAL					4
TOTAL					4

PROJECT	JURASSIC US-40 FIBER OPTICS	
	SEGMENT D	
PROJECT NUMBER	F-0040(251)125	PIN 22900
JUNCTION BOX SUMMARY		
UTAH DEPARTMENT OF TRANSPORTATION APPROVED  DRAWN BY JJ QC CHECKED BY RE 2/2/2026 DATE		
REVISIONS NO DATE APPROVED BY REMARKS		

UDOT ROADWAY SEED SCHEDULE - ANNUAL AVERAGE PRECIPITATION RATE OF 8-12"									
GRASS OR FORB	SPECIES NAME		Number of Seeds per Pound (LBS)	DRILL SEED			BROADCAST SEED		
	BOTANICAL NAME	COMMON NAME		Pounds (LBS) of Pure Live Seed (PLS)/Acre	Percentage of Seed mixture	Number of Seeds (PLS/Sq. Foot)	Pounds (LBS) of Pure Live Seed (PLS)/Acre	Percentage of Seed mixture	Number of Seeds (PLS/Sq. Foot)
	Grass Species								
G	<i>Achnatherum hymenoides</i>	Indian ricegrass	141,000	2.10	9.27%	7	3.15	9.27%	10
G	<i>Bouteloua curtipendula</i>	Sideoats grama	191,000	1.00	5.98%	4	1.50	5.98%	7
G	<i>Bouteloua gracilis</i>	Blue grama	825,000	0.30	7.75%	6	0.45	7.75%	9
G	<i>Elymus elymoides</i>	Bottlebrush squirreltail	192,000	1.50	9.01%	7	2.25	9.01%	10
G	<i>Elymus trachycaulus ssp. trachycaulus</i>	Slender wheatgrass	159,000	2.40	11.94%	9	3.60	11.94%	13
G	<i>Elymus wawaaiensis</i>	Snake River wheatgrass	120,000	2.50	9.39%	7	3.75	9.39%	10
G	<i>Pleuraphis jamesii</i>	Galleta grass	159,000	2.00	9.95%	7	3.00	9.95%	11
G	<i>Sporobolus airoides</i>	Alkali sacaton	1,758,000	0.15	8.25%	6	0.23	8.25%	9
G	<i>Sporobolus cryptandrus</i>	Sand dropseed	5,298,000	0.05	8.29%	6	0.08	8.29%	9
				12.00	79.84%	59	18.00	79.84%	88
	Forb Species								
F	<i>Penstemon palmeri</i>	Palmer Penstemon	610,000	0.40	7.64%	6	0.60	7.64%	8
F	<i>Oenothera speciosa</i>	Showy Evening primrose	2,500,000	0.10	7.83%	6	0.15	7.83%	9
F	<i>Sphaeralcea ambigua</i>	Desert globemallow	500,000	0.30	4.70%	3	0.45	4.70%	5
				0.80	20.16%	15	1.20	20.16%	22
TOTALS =				12.80	100.00%	73	19.20	100.00%	110

SHEET NO.		ITS-SS1	
PROJECT	JURASSIC US-40 FIBER OPTICS		
SEGMENT D			
PROJECT NUMBER	F-0040(251)125	PIN	22900
SEED SCHEDULE			
UTAH DEPARTMENT OF TRANSPORTATION			
APPROVED		DRAWN BY	JJ
PROFESSIONAL ENGINEER		QC CHECKED BY	RE
12/2/2025		DATE	
NO.		DATE	APPROVED BY
REVISIONS			