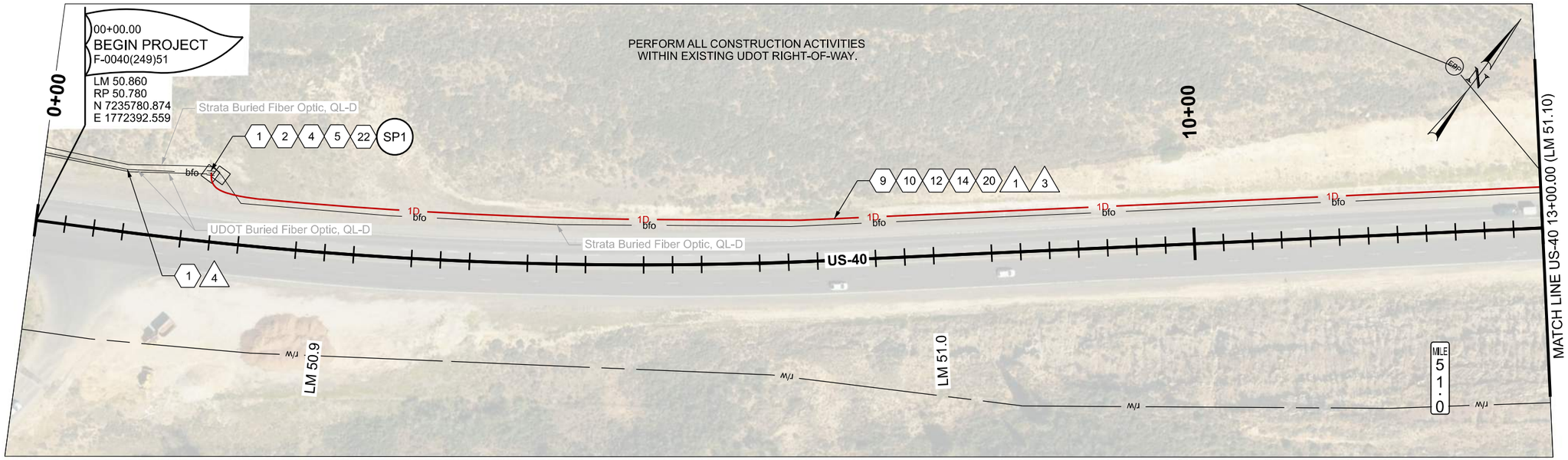

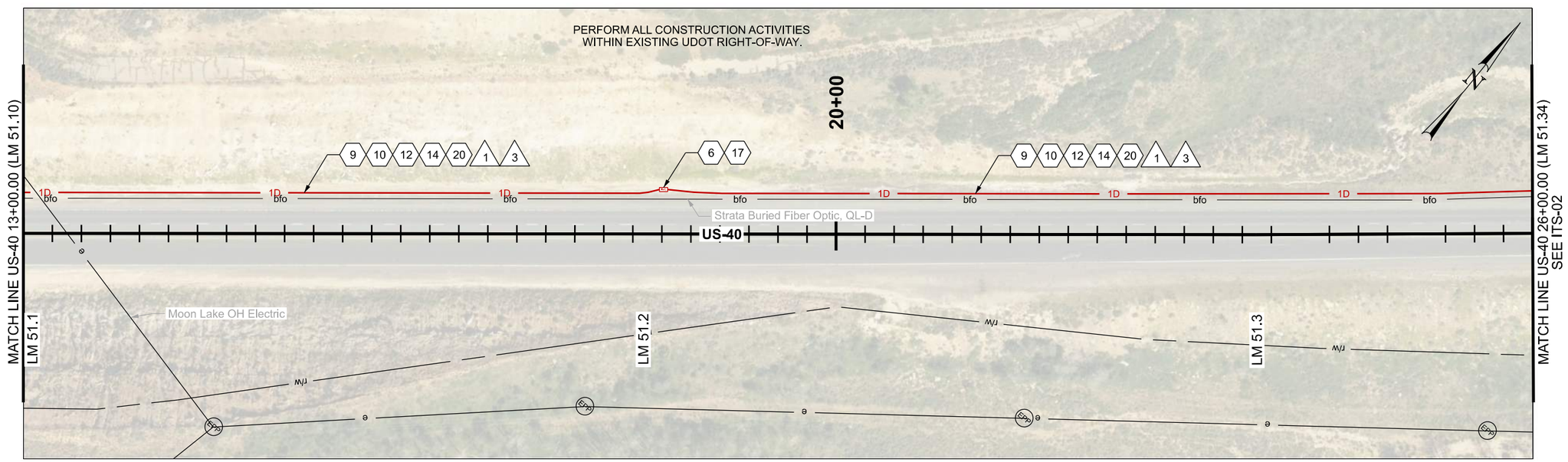

ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
2. FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
4. FUSION SPLICE REQ'D
5. 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.
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT
22. INSTALL CONDUIT INTO EXISTING JUNCTION BOX.

ITS WIRE SCHEDULE SUMMARY

NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D
4	EXISTING SMFO CABLE

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-01

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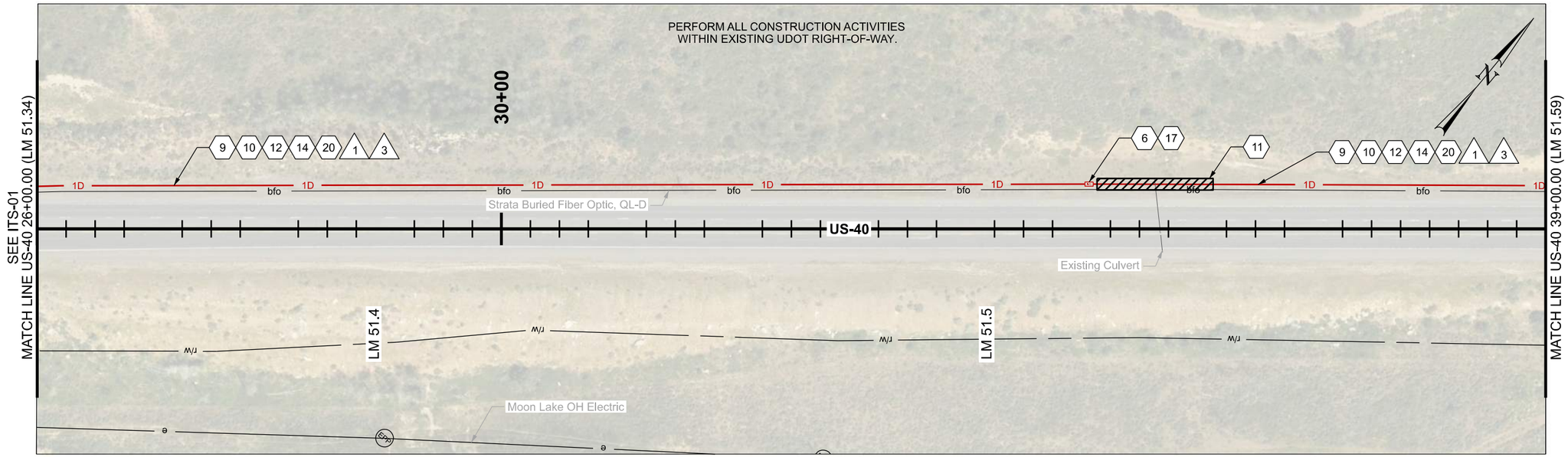
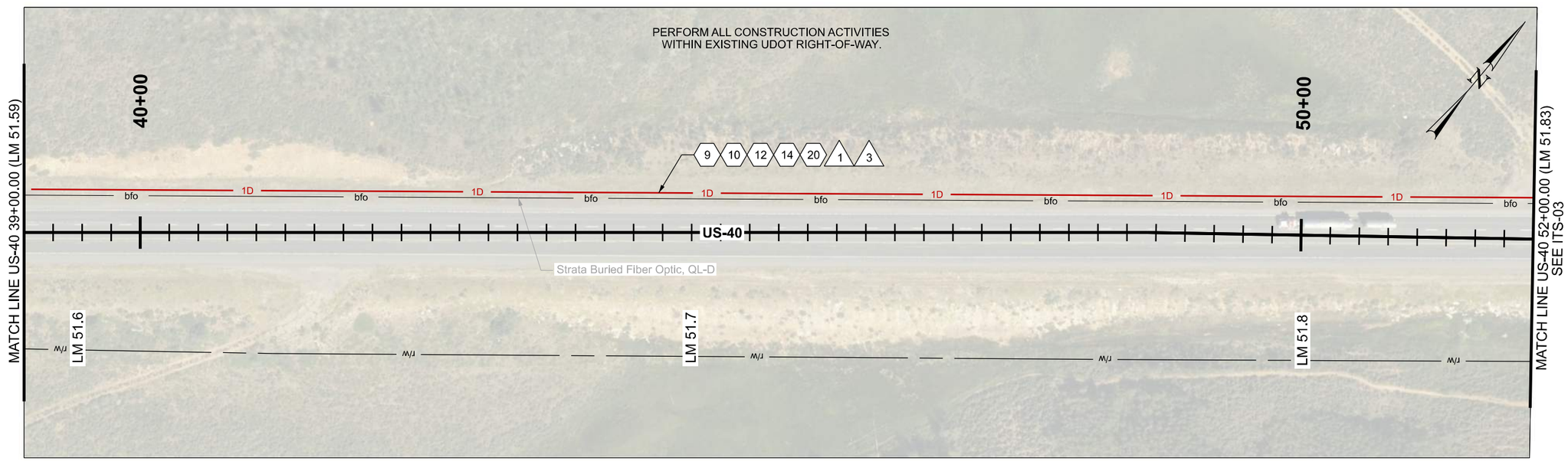
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-02

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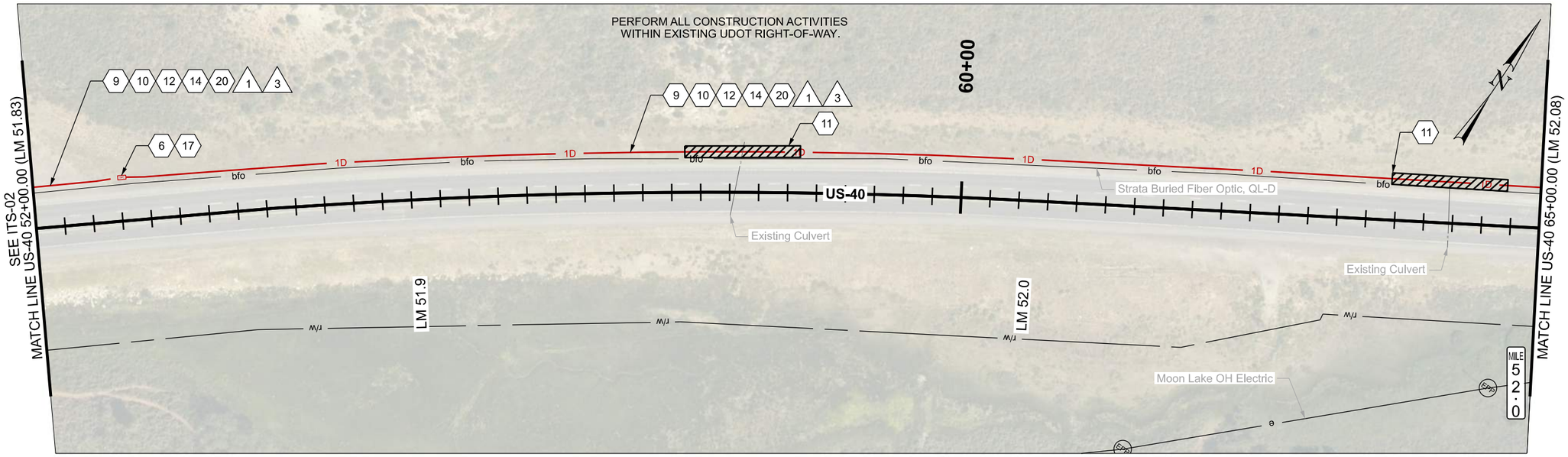
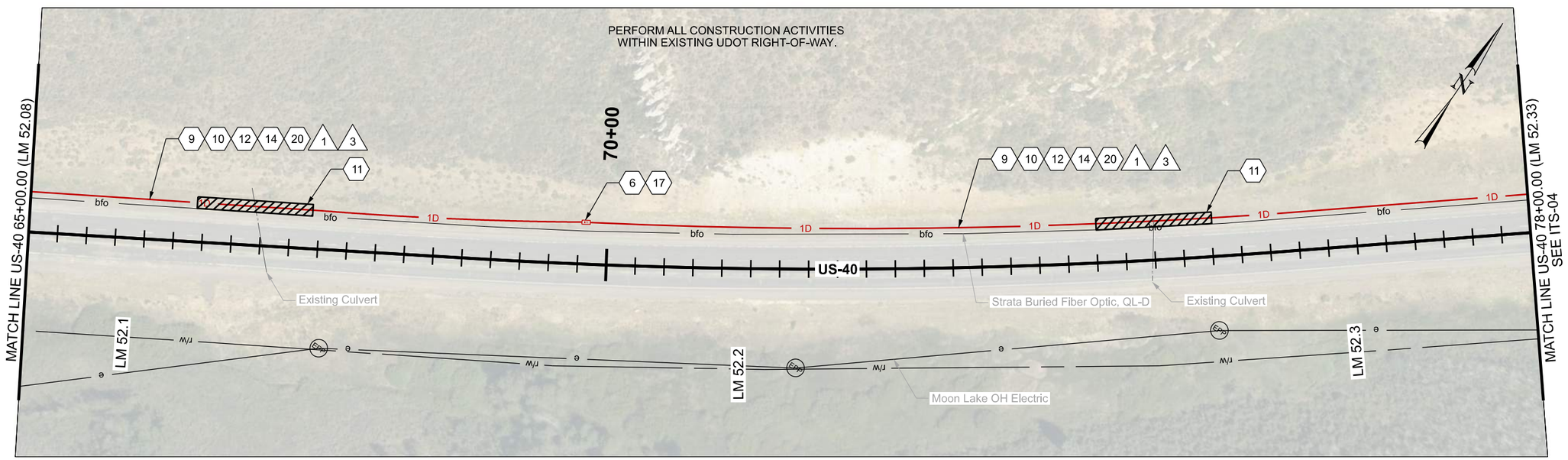
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-03

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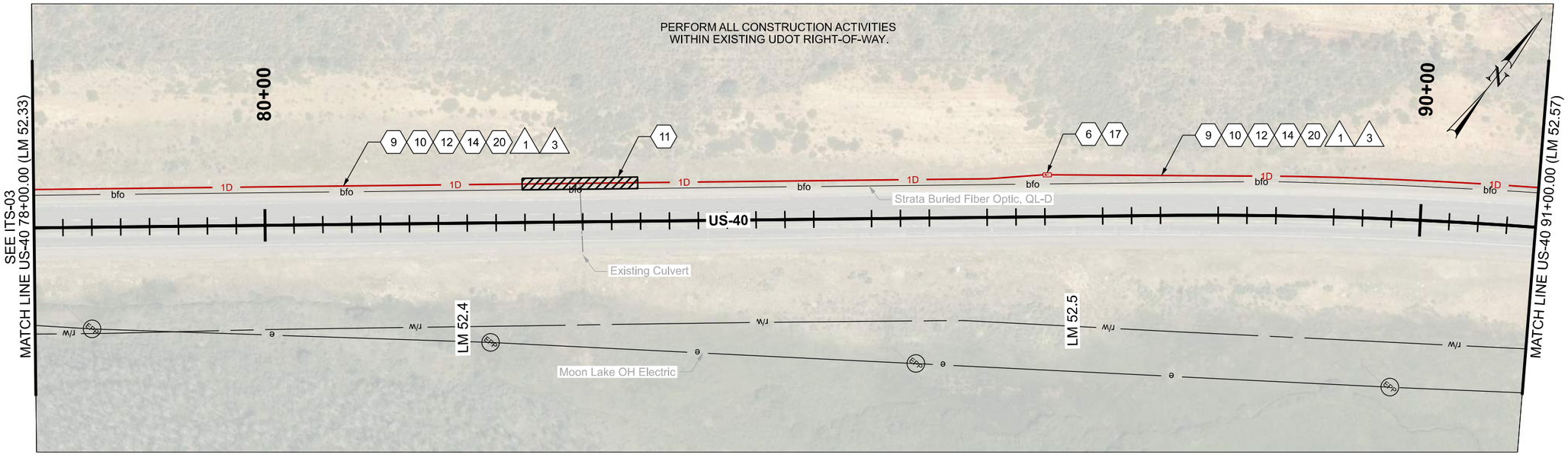
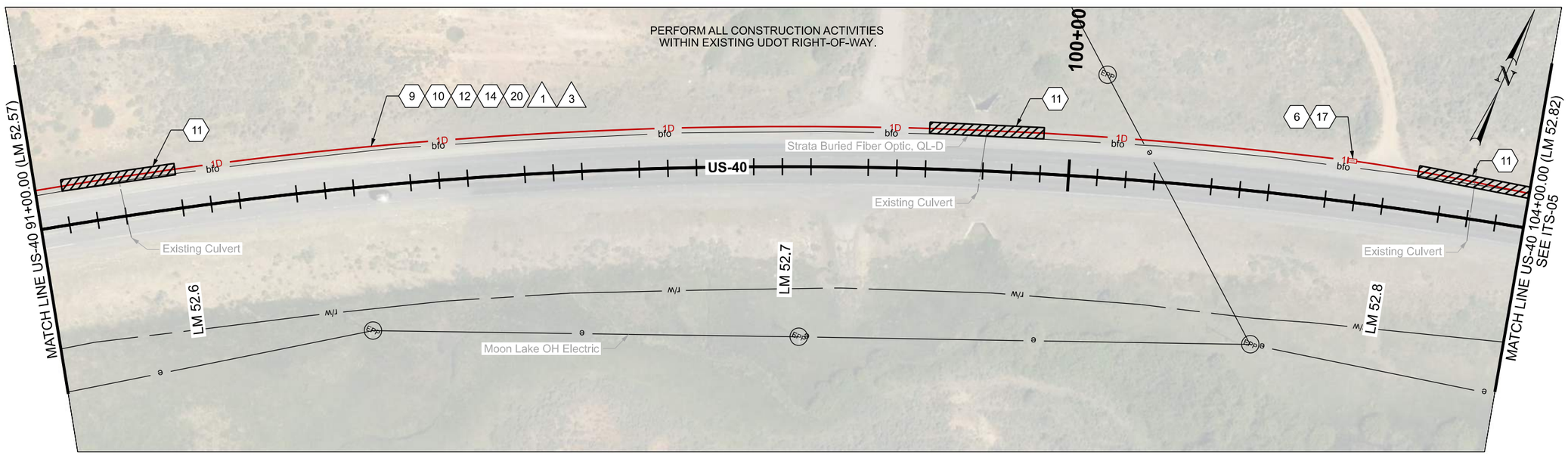
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-04

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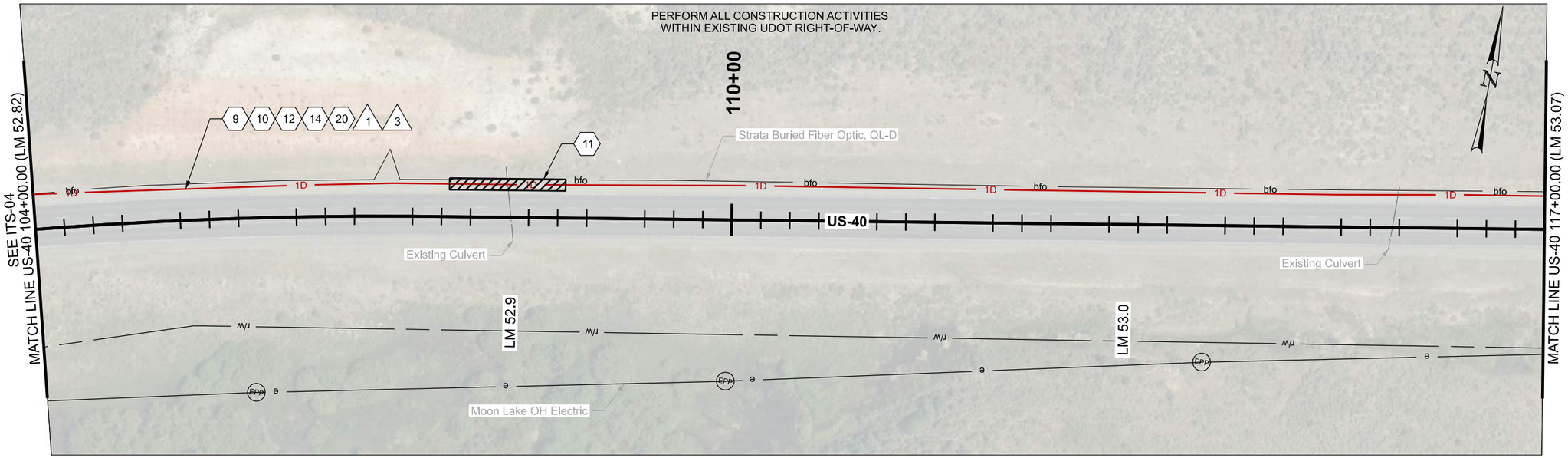
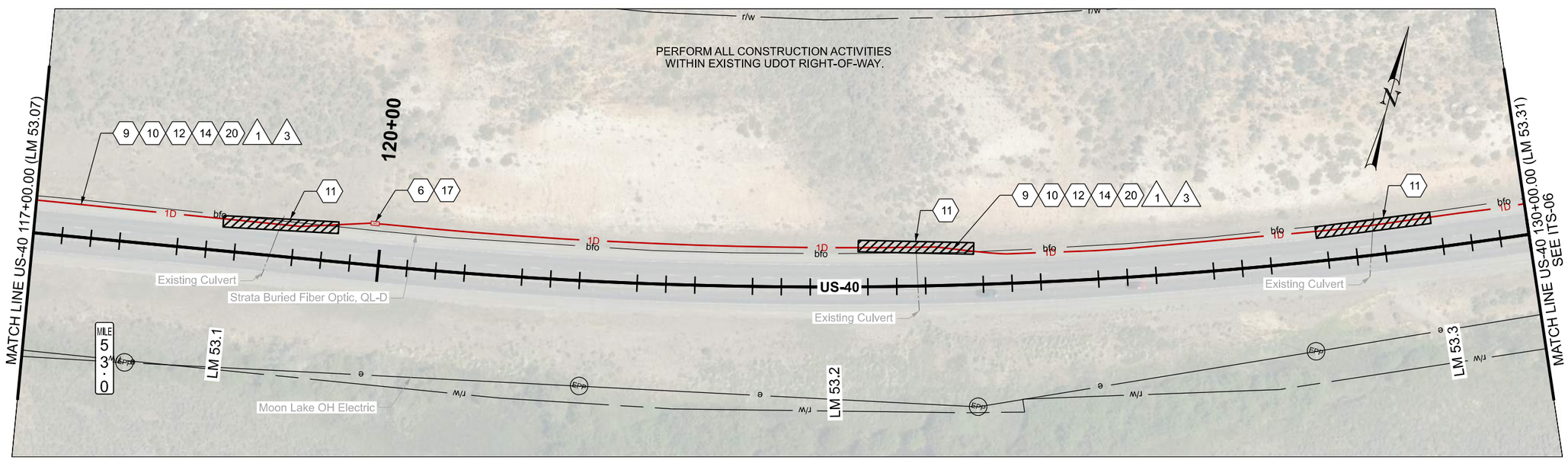
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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12/1/25
DATE
APPROVED
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-05

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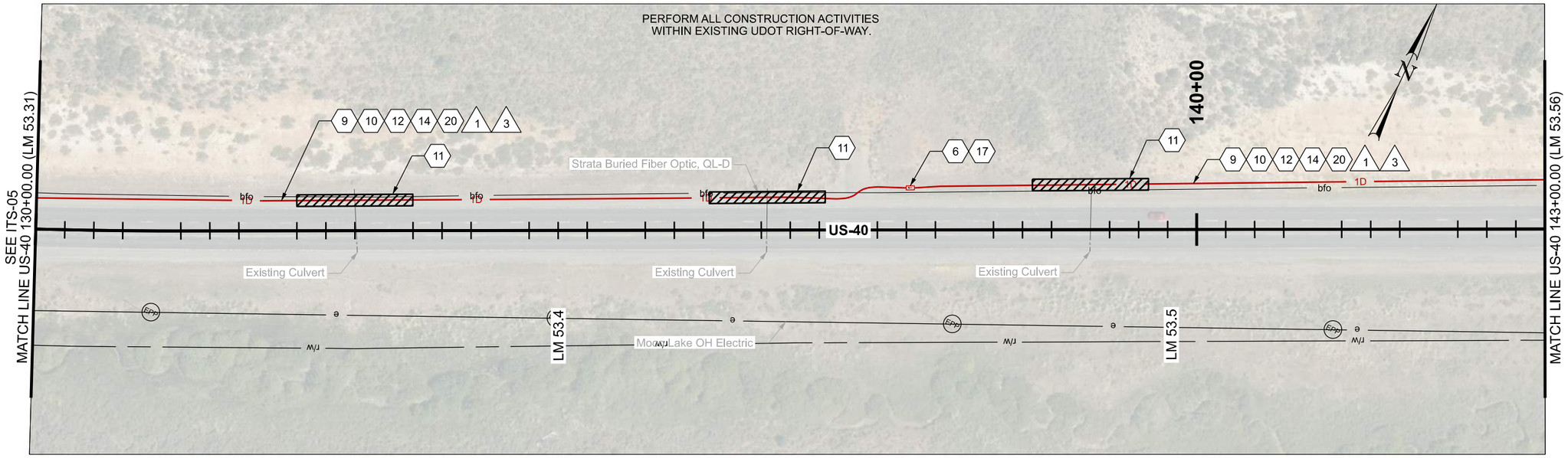

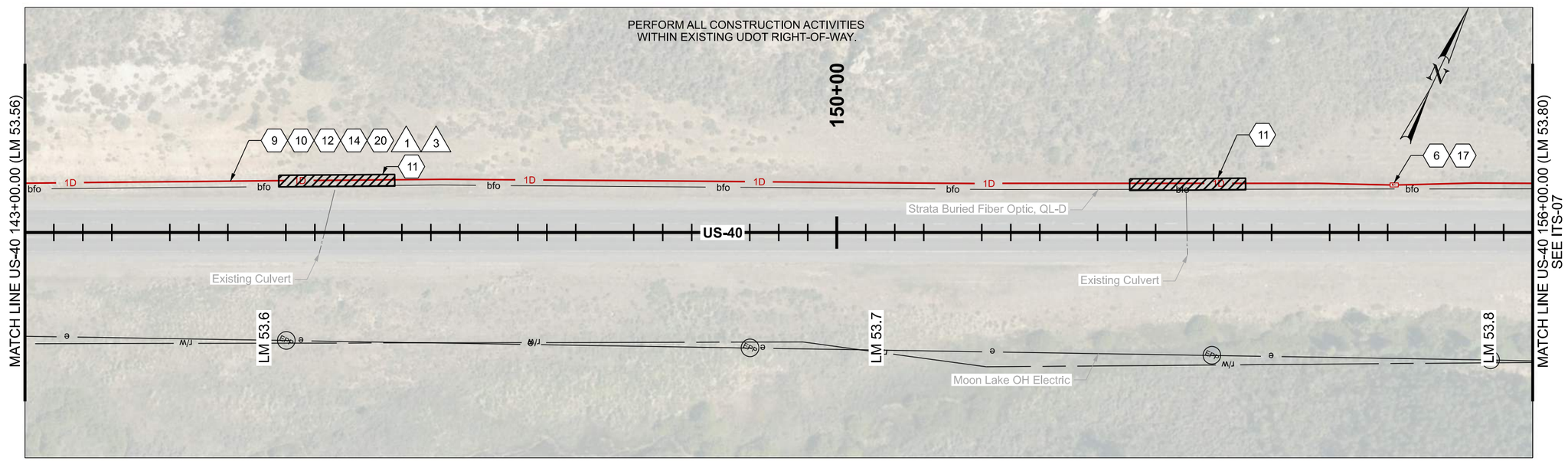

ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-06

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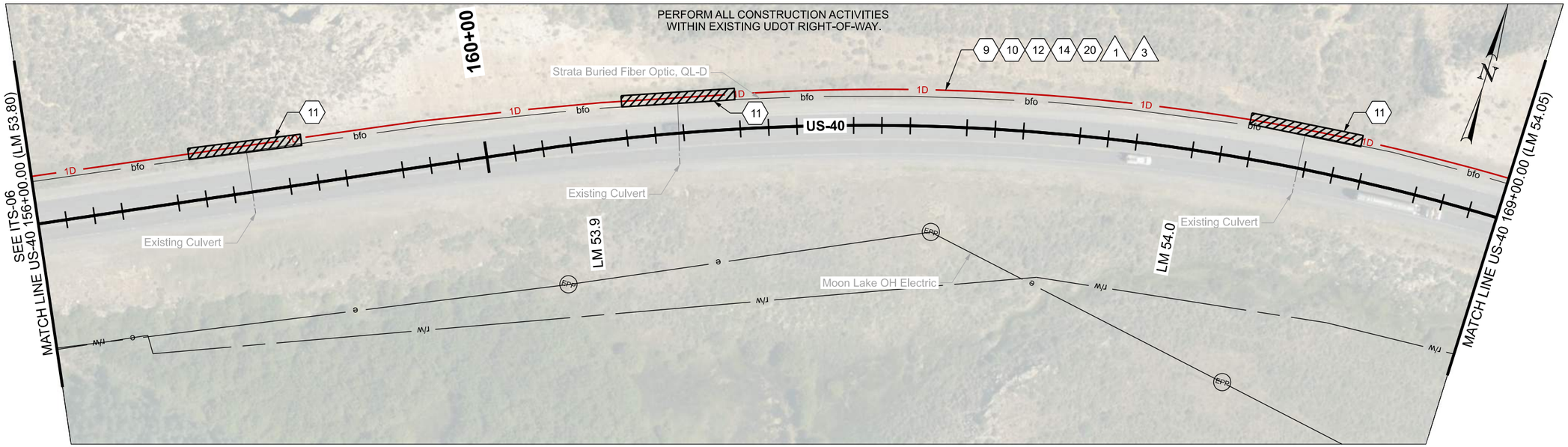

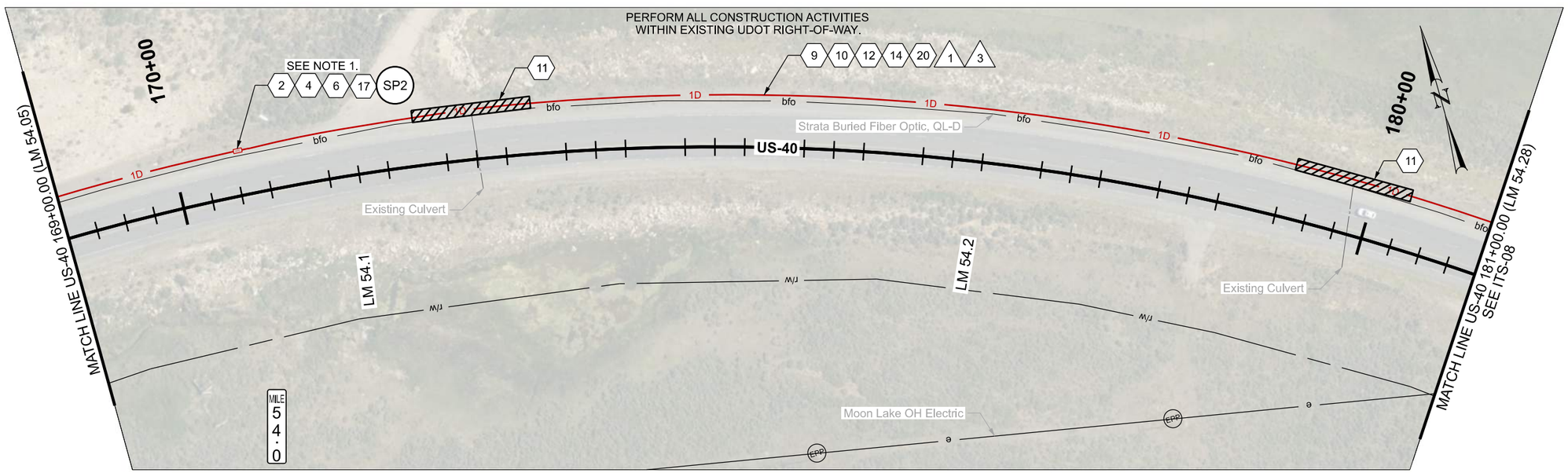

ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
2. FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
4. FUSION SPLICE REQ'D
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REELS.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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DATE 12/1/25
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PROJECT: JURASSIC US-40 FIBER OPTICS - SEGMENT B
PROJECT NUMBER: F-0040(249)51
PIN 22898
ITS

SHEET NO. ITS-07

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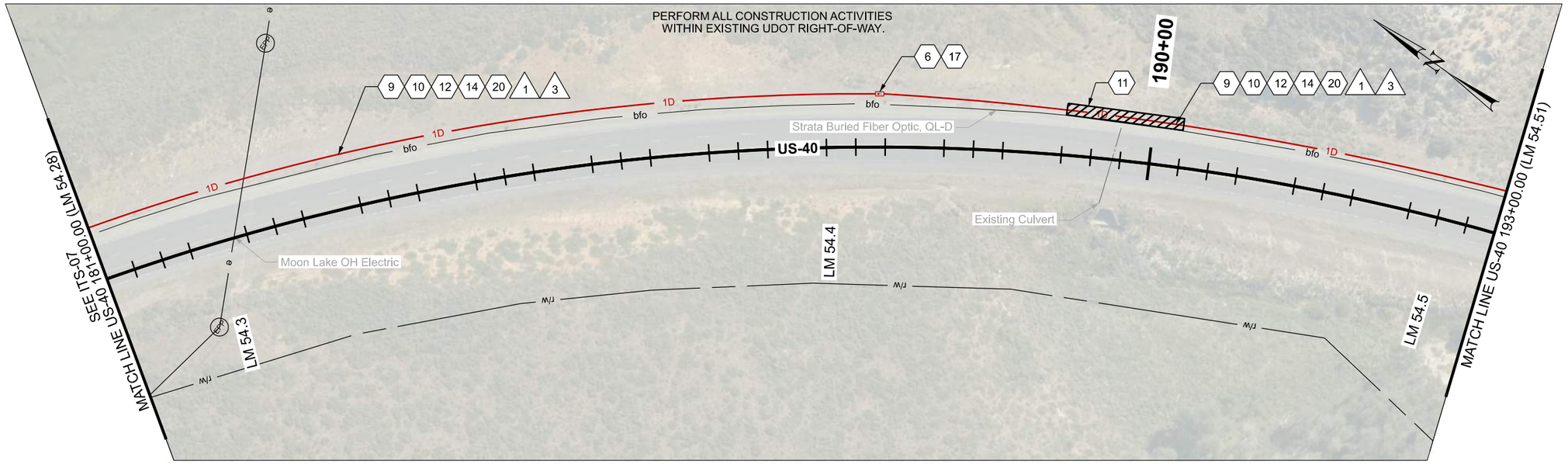

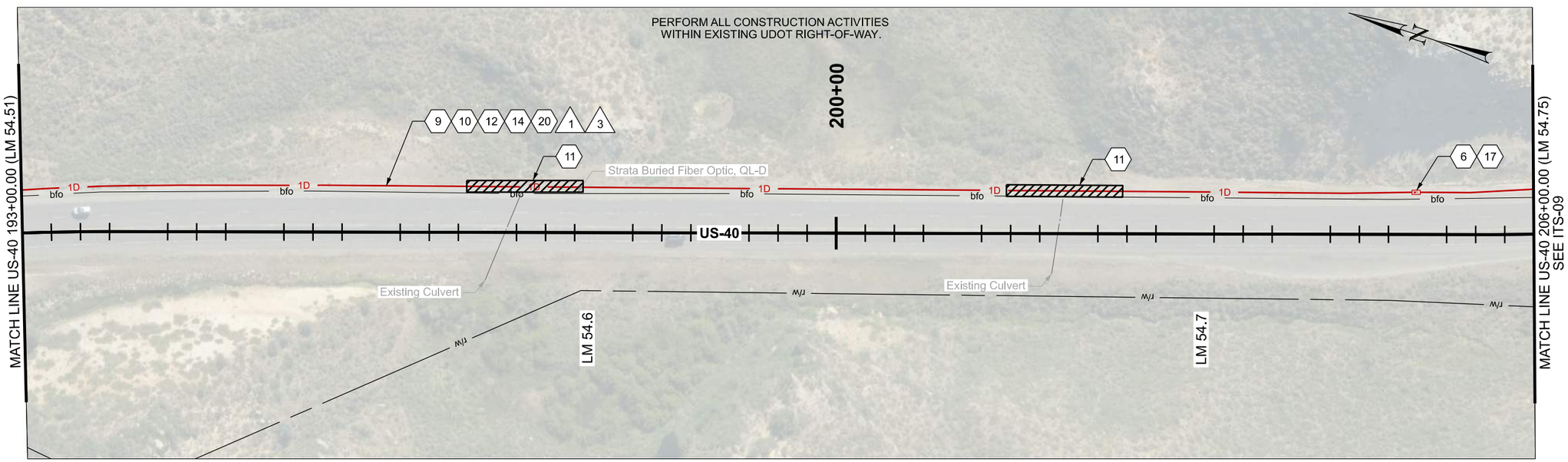

ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-08

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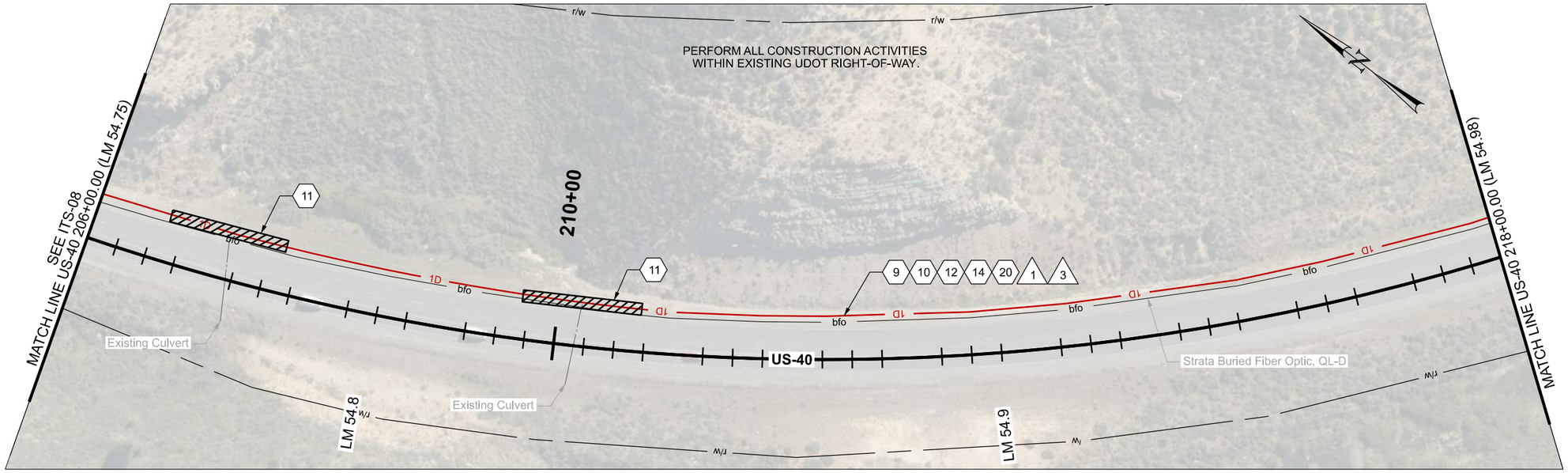
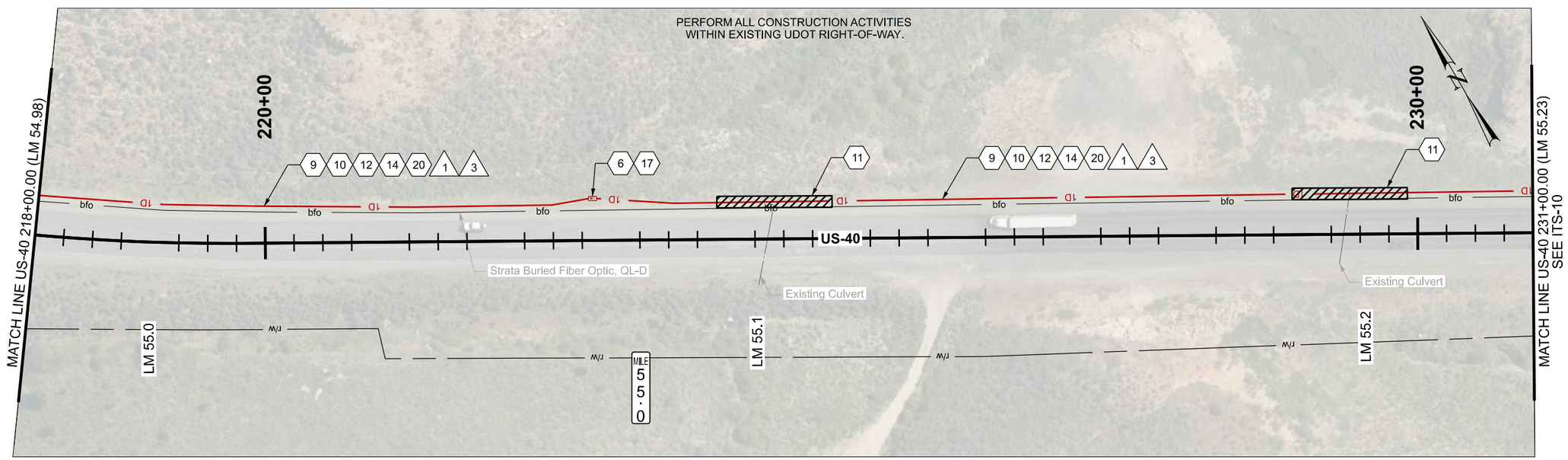
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (11) DIRECTIONAL BORE REQ'D
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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QC CHECKED BY MGG
DATE 12/1/25
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JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-09

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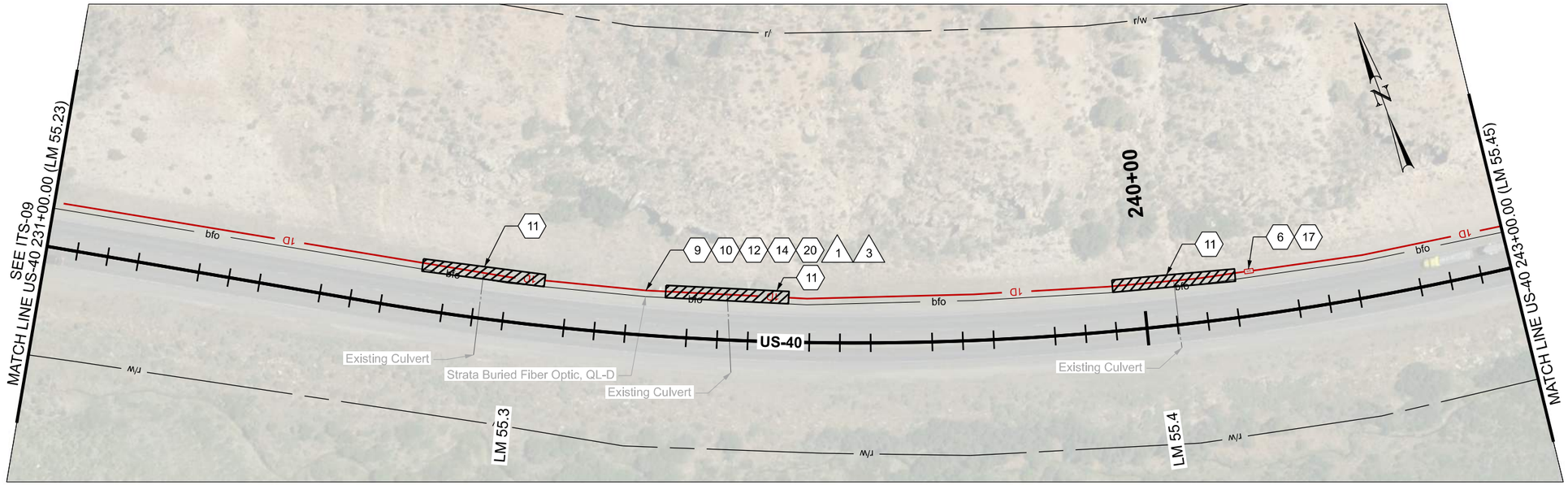

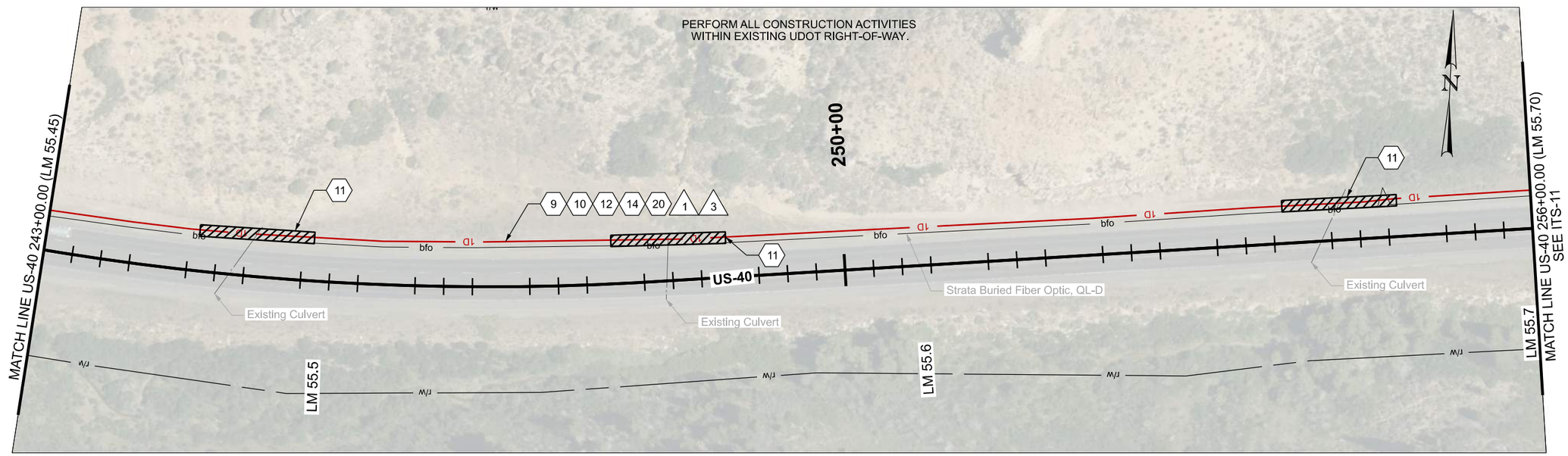

ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

ITS

SHEET NO. ITS-10

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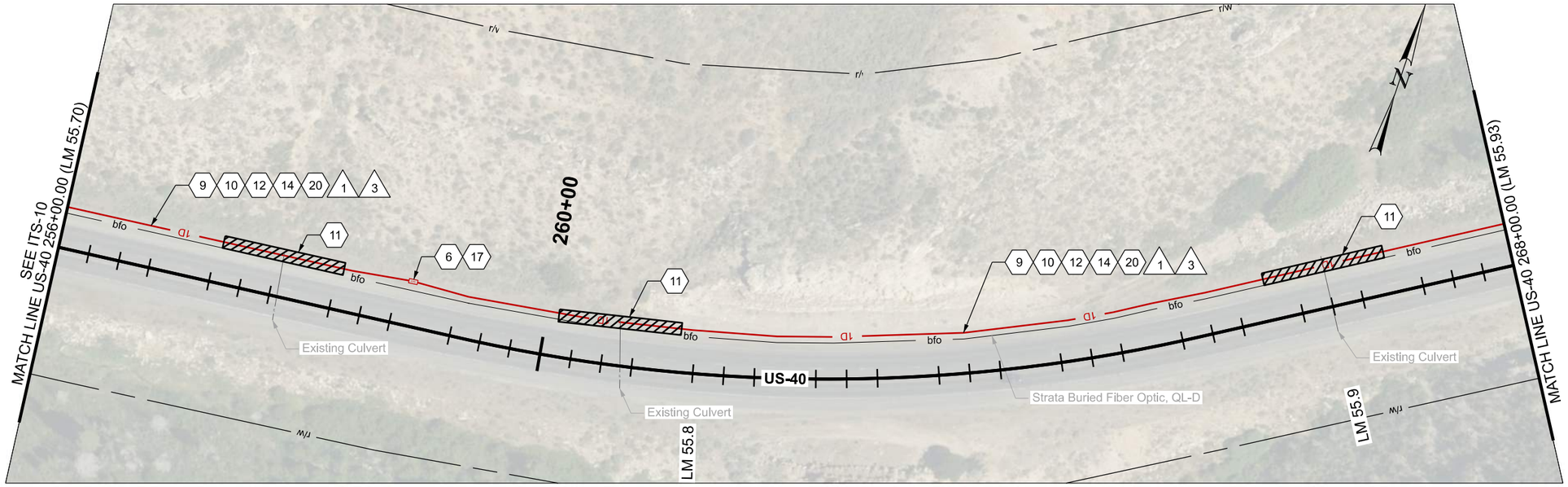

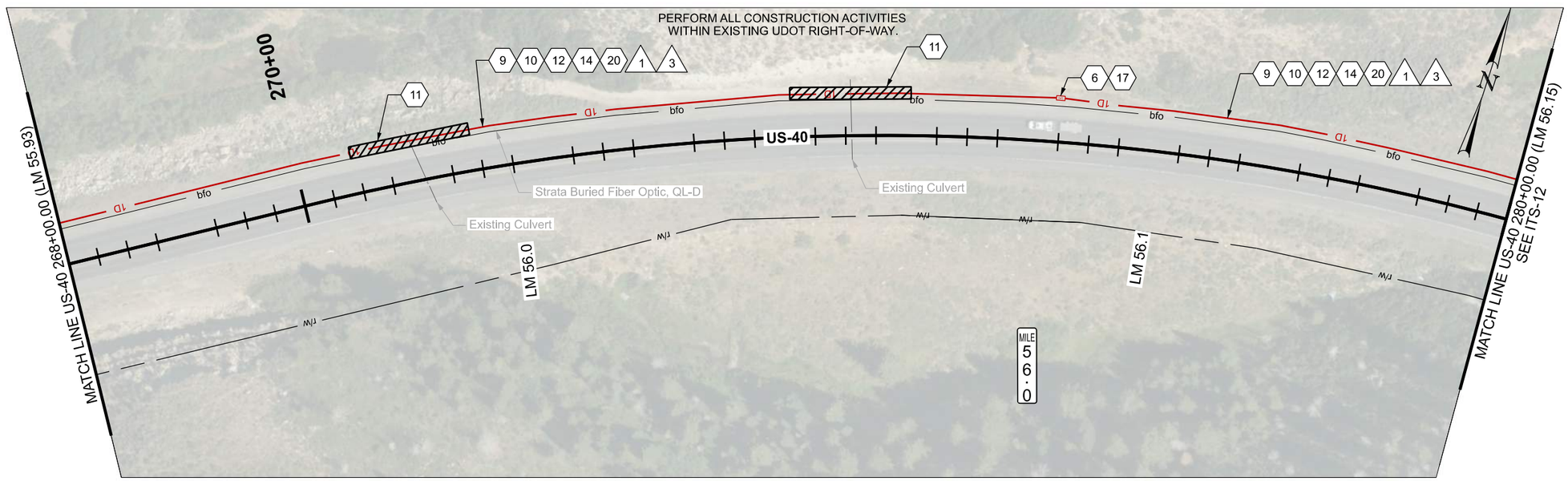

ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-11

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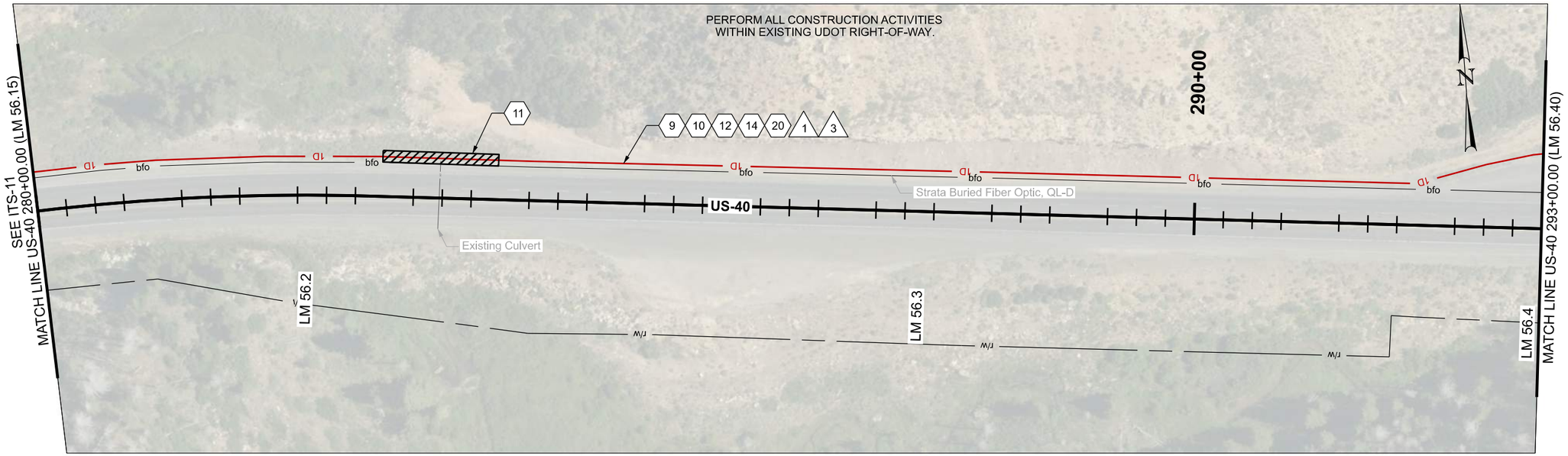
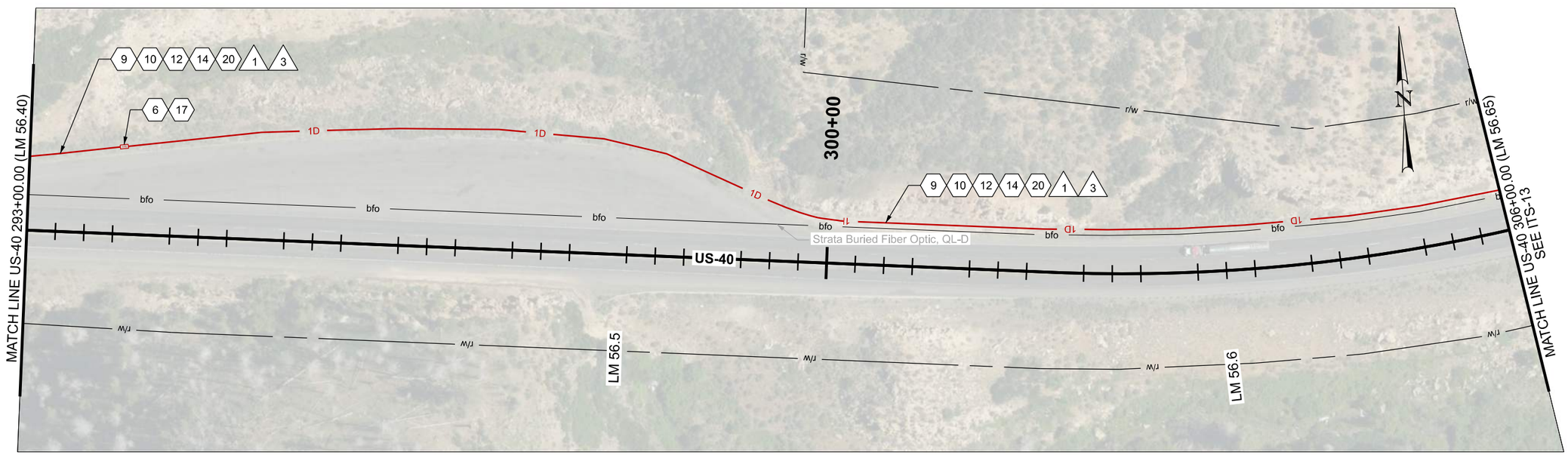
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-12

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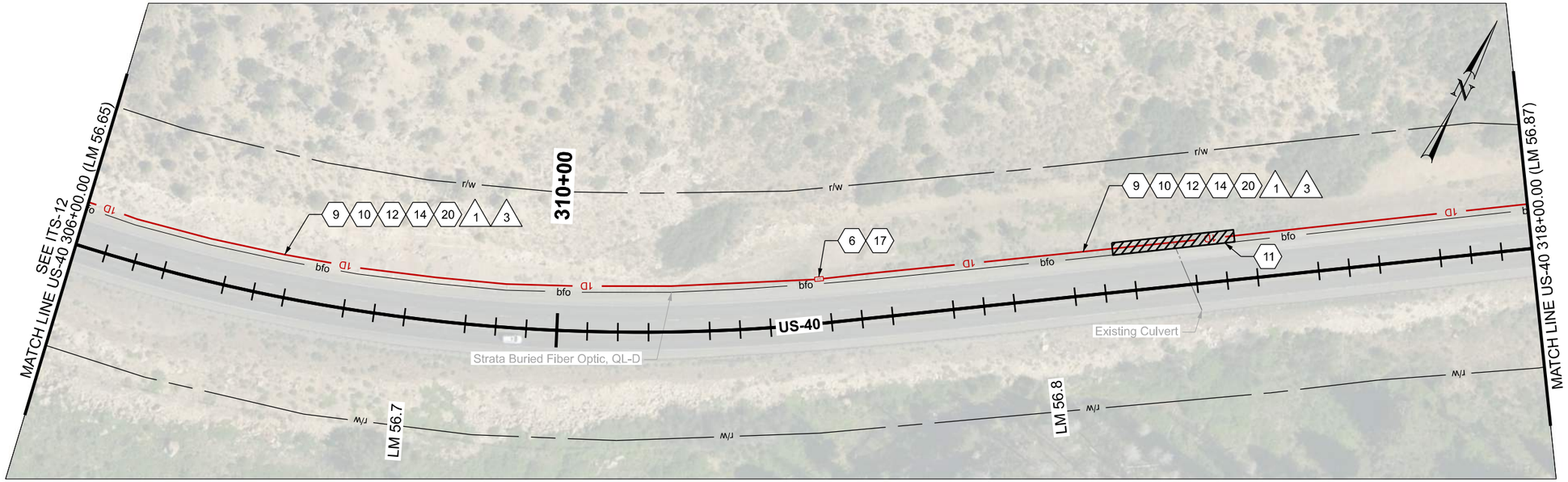
11/18/2025



ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

ITS

SHEET NO. ITS-13

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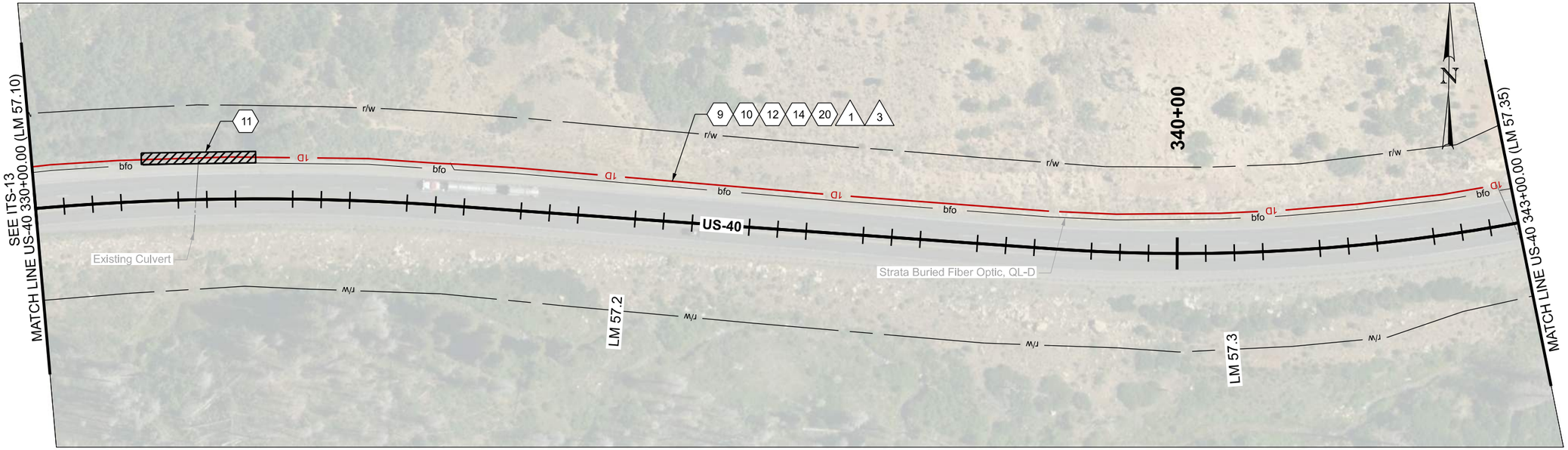

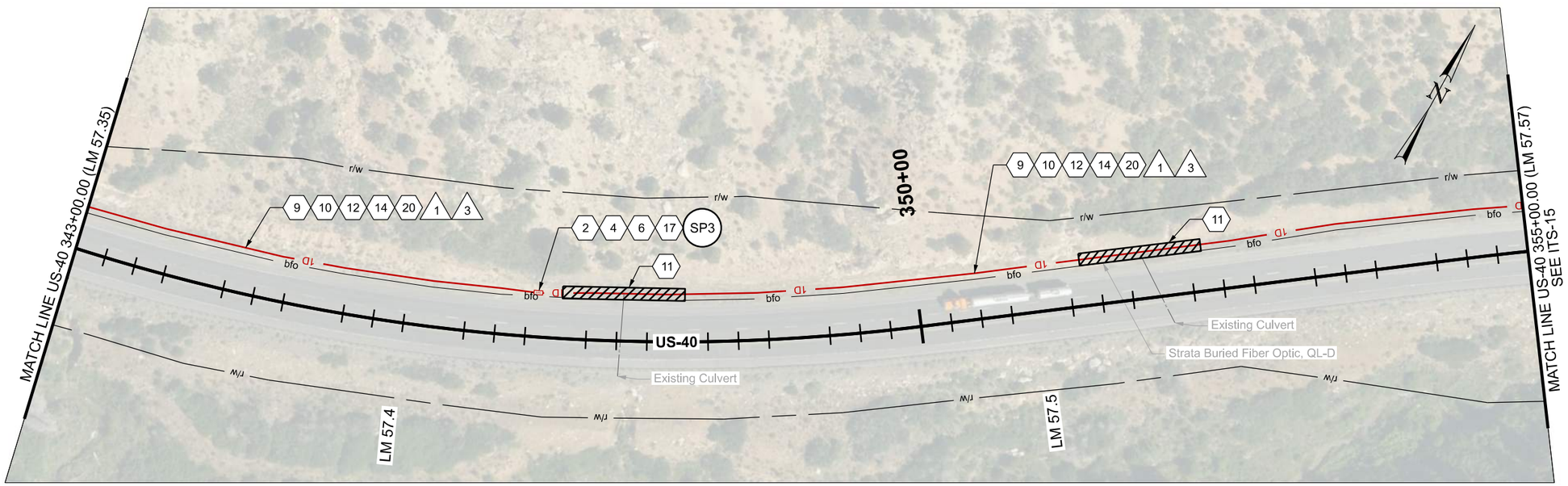

ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REELS.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

SHEET NO. ITS-14

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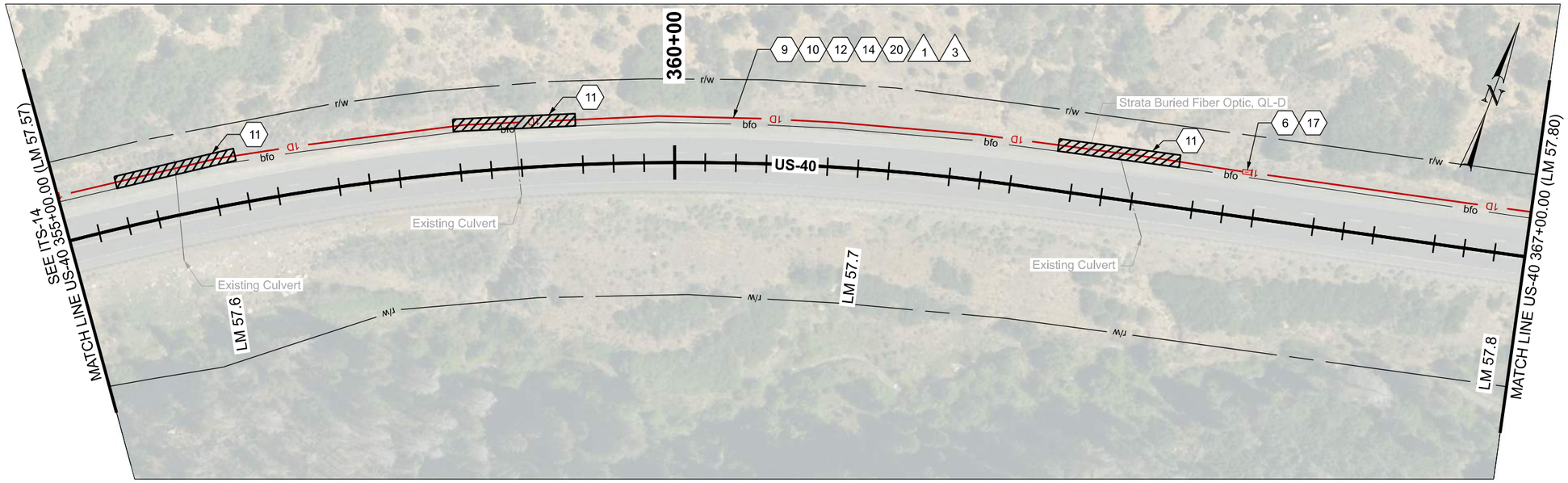

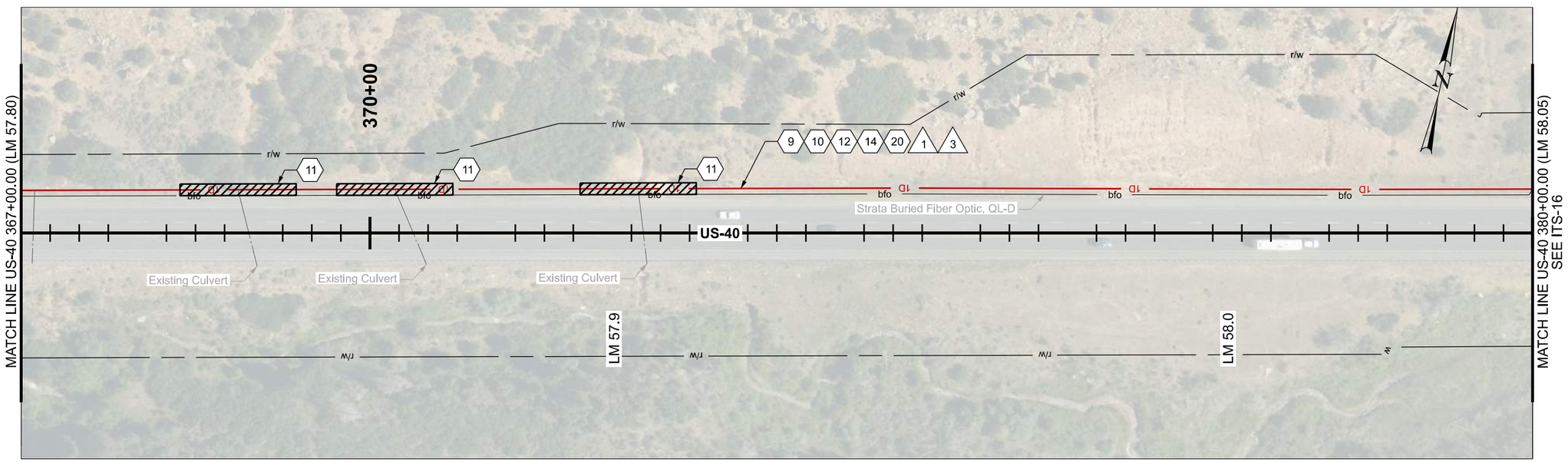

ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

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

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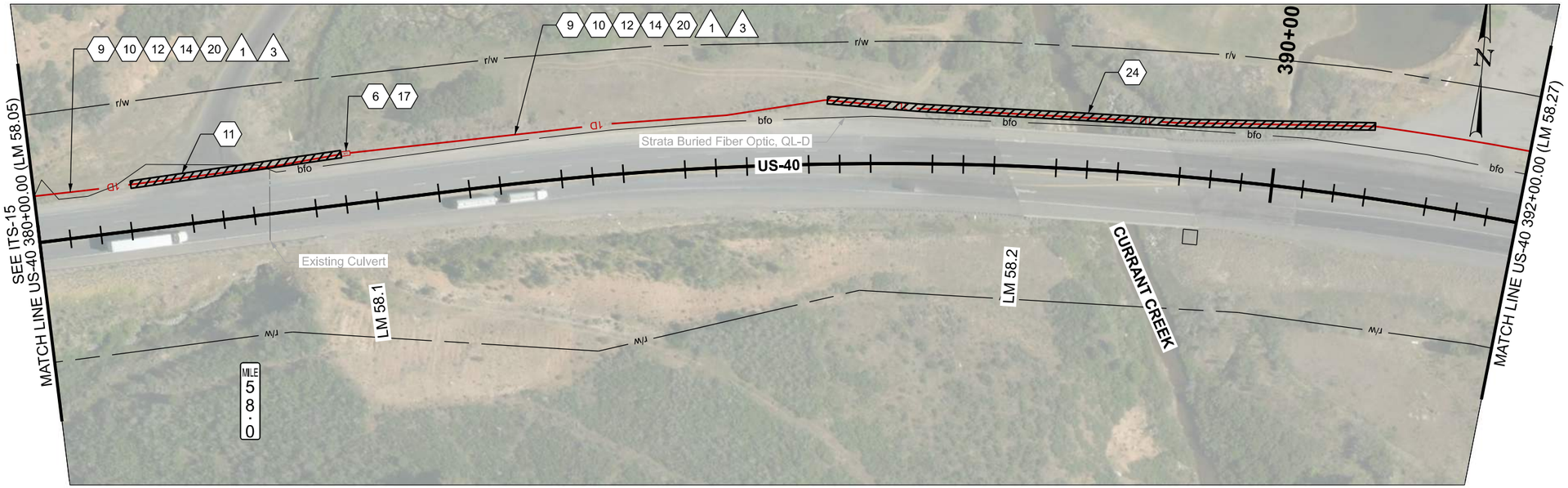
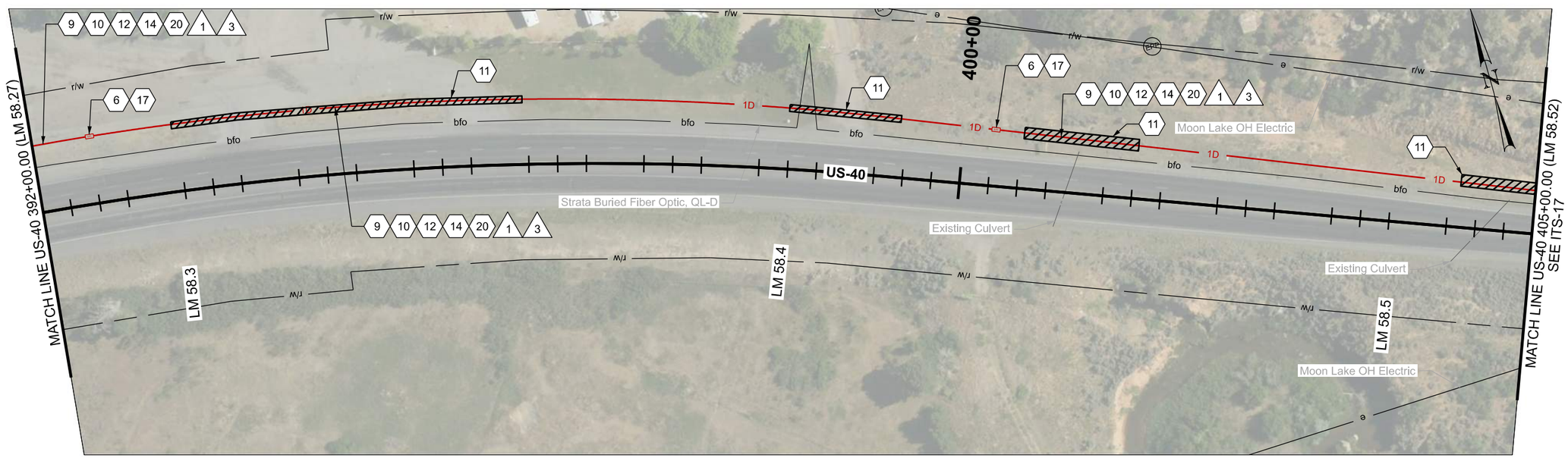
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT
24. DIRECTIONAL BORE CONDUIT UNDER WATERWAY REQ'D

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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12/1/25
DATE
APPROVED
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

PIN 22898
PROJECT F-0040(249)51
PROJECT NUMBER
ITS
SHEET NO. ITS-16

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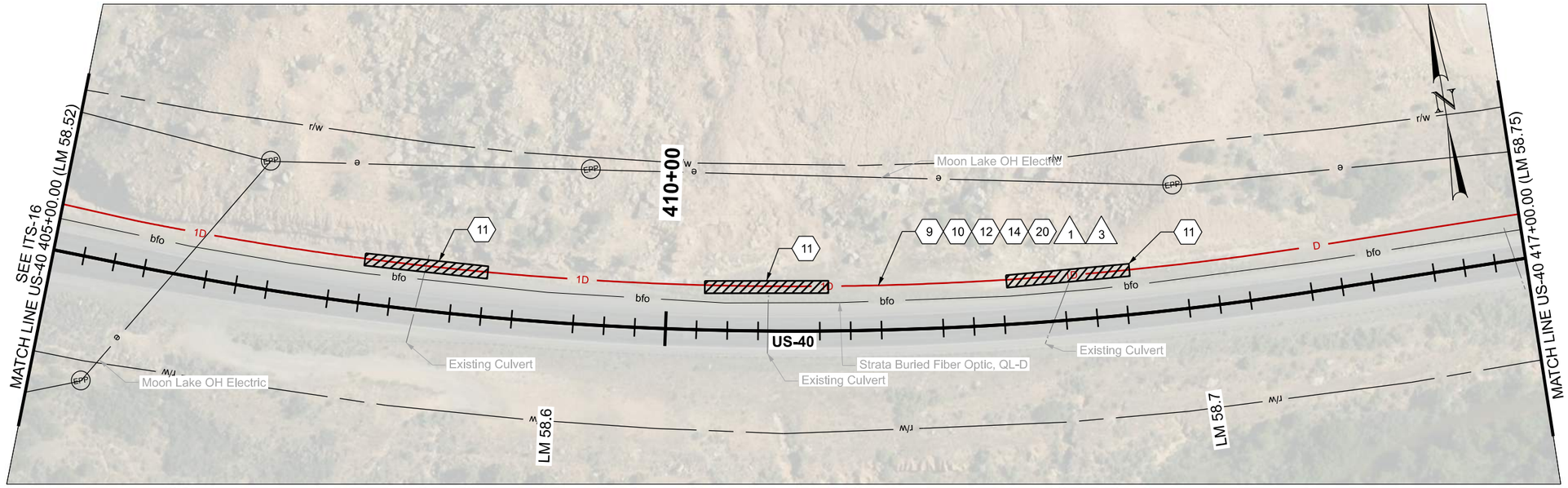

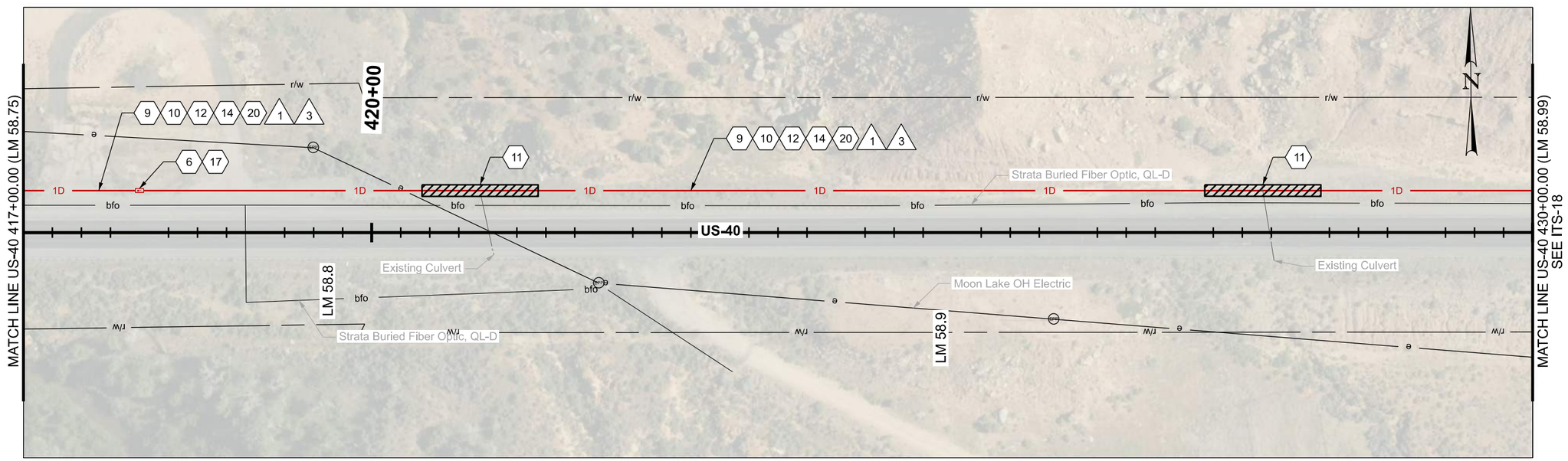

ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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QC CHECKED BY MGG
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PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

ITS

SHEET NO. ITS-17

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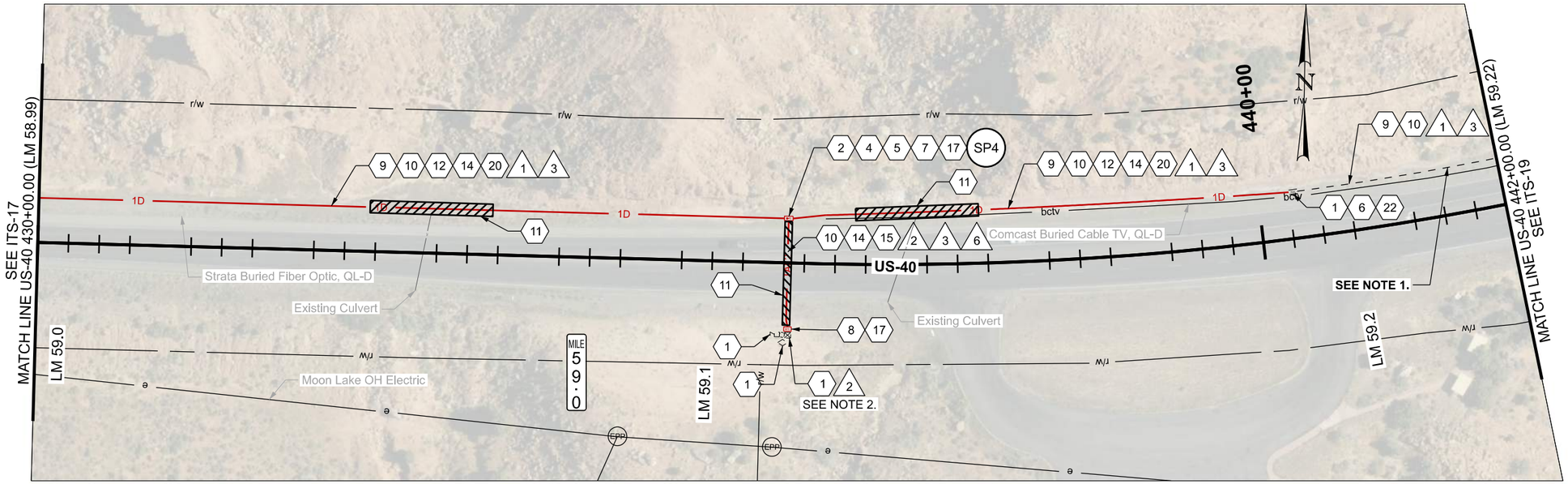

ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (5) 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.
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (7) PROVIDE 65 FT OF DROP CABLE SLACK IN JUNCTION BOX FOR SPLICING PURPOSES
- (8) PROVIDE 15 FT OF DROP CABLE SLACK FOR DEVICE CABINET PURPOSES. EXCESS CABLE SLACK IS TO BE STORED IN NEAREST JUNCTION BOX AND IS IN ADDITION TO ALL OTHER SPECIFIED SLACK.
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (15) TAL2 CONDUIT
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT
- (22) INSTALL CONDUIT INTO EXISTING JUNCTION BOX.

ITS WIRE SCHEDULE SUMMARY

NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
2	6 STRAND PRE-TERMINATED DROP CABLE UNIT REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D
6	24 STRAND PRE-TERMINATED DROP CABLE UNIT REQ'D

NOTES:

1. REFER TO PROJECT 13390_US-40_PASSING_LANES_NEAR_FRUITLAND. STRATA INSTALLED CONDUIT AND JUNCTION BOXES.
2. SEE 22900_JURASSIC_US-40_FIBER_OPTICS - SEGMENT_D FOR DETAILS ON PROPOSED WIFI HOTSPOT SITE USING DEDICATED 24-SMF DROP.

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-18

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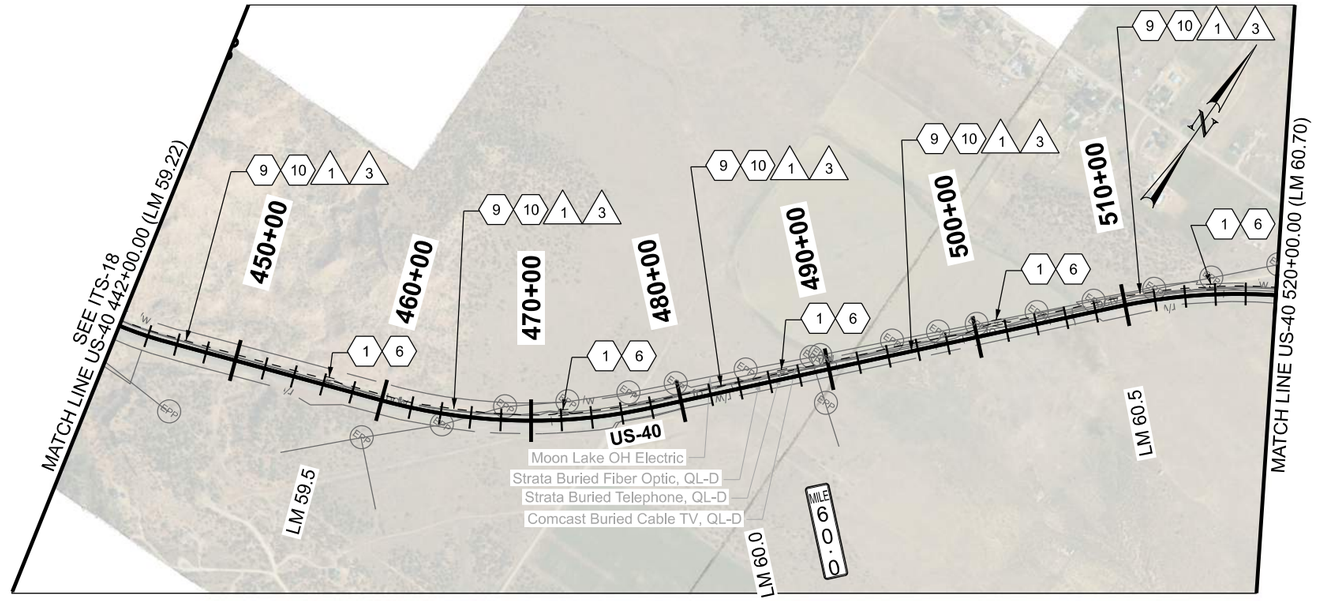
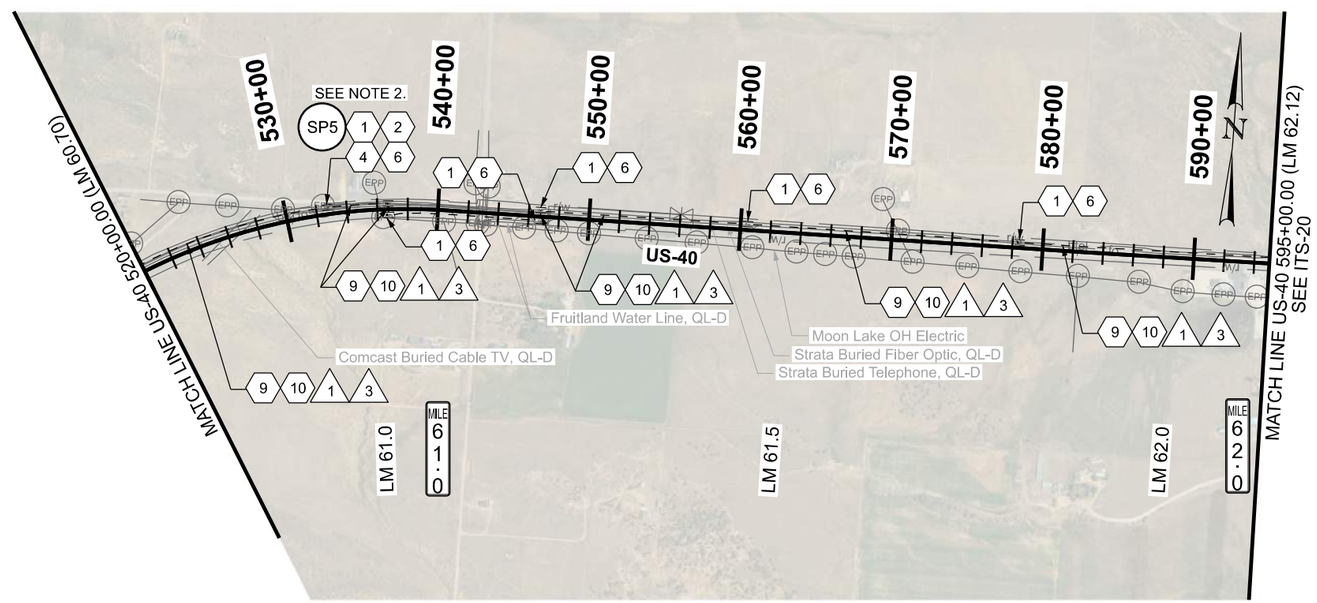
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS

NOTES:

1. REFER TO PROJECT 13390_US-40_PASSING_LANES_NEAR_FRUITLAND. STRATA INSTALLED CONDUIT AND JUNCTION BOXES.
2. PERFORM FULL BUTT SPLICE OF FIBER REELS.

ITS WIRE SCHEDULE SUMMARY

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

0 200 1000
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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12/1/25
DATE
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JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-19

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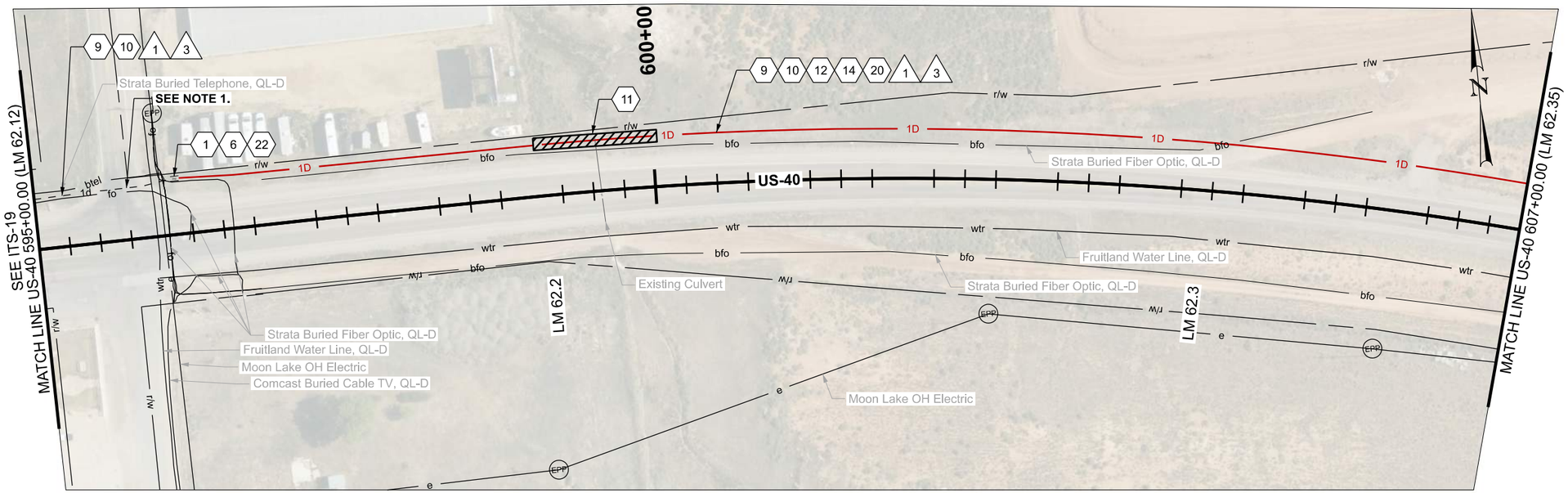
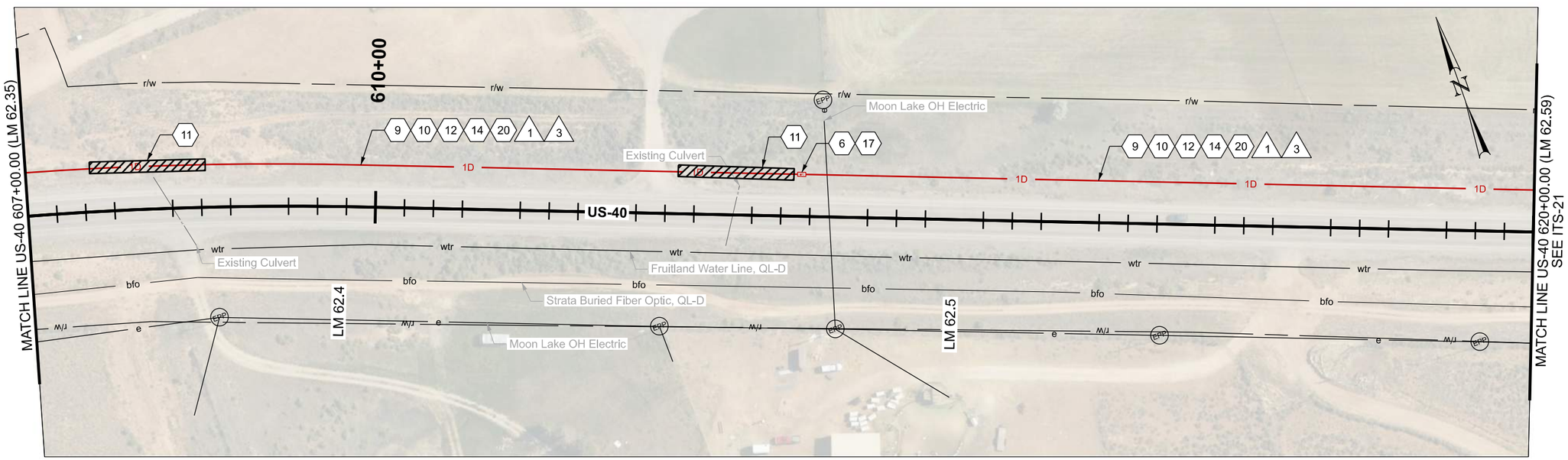
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT
- (22) INSTALL CONDUIT INTO EXISTING JUNCTION BOX.

NOTES:

1. REFER TO PROJECT 13390_US-40_PASSING_LANES_NEAR_FRUITLAND. STRATA INSTALLED CONDUIT AND JUNCTION BOXES.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-20

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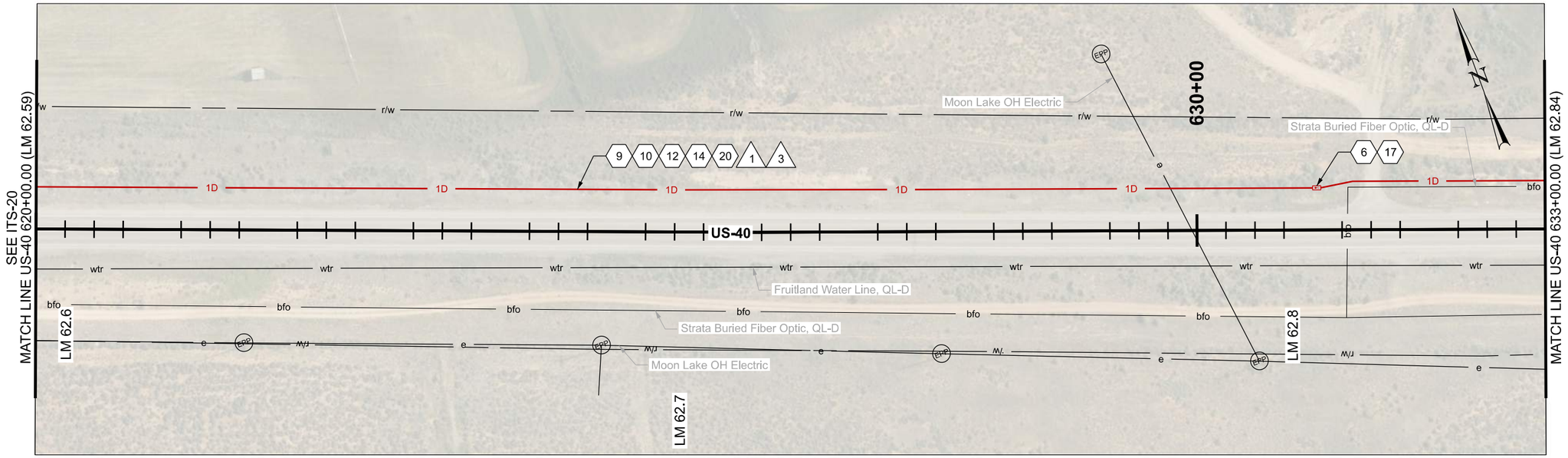
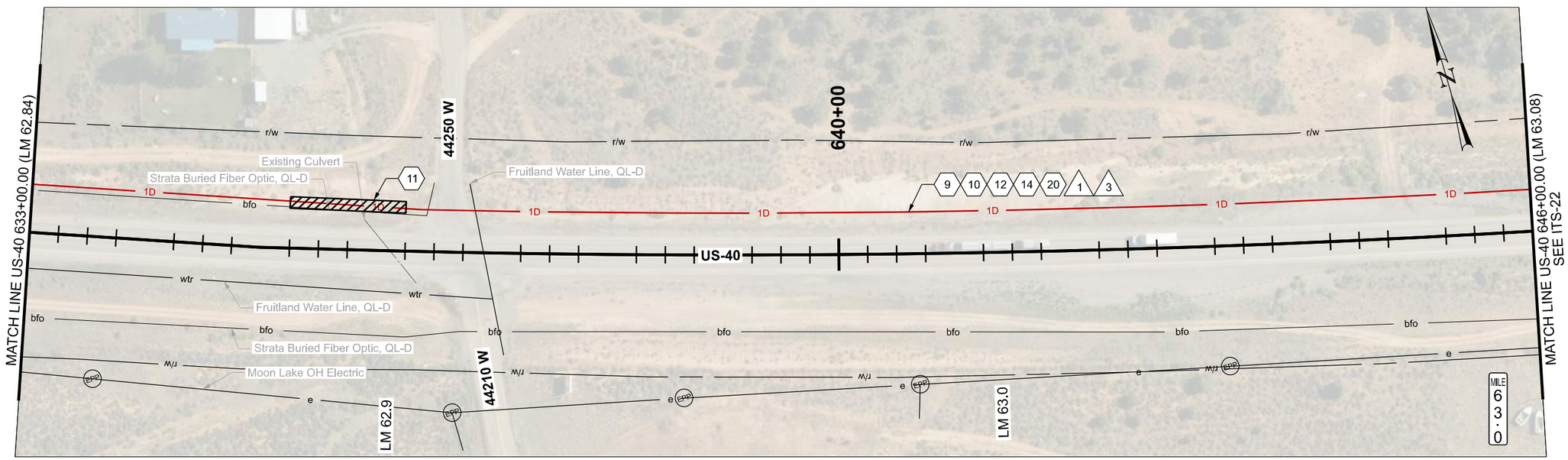
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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DATE 12/1/25
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PROJECT: JURASSIC US-40 FIBER OPTICS - SEGMENT B
PIN 22898
PROJECT NUMBER F-0040(249)51
ITS

SHEET NO. ITS-21

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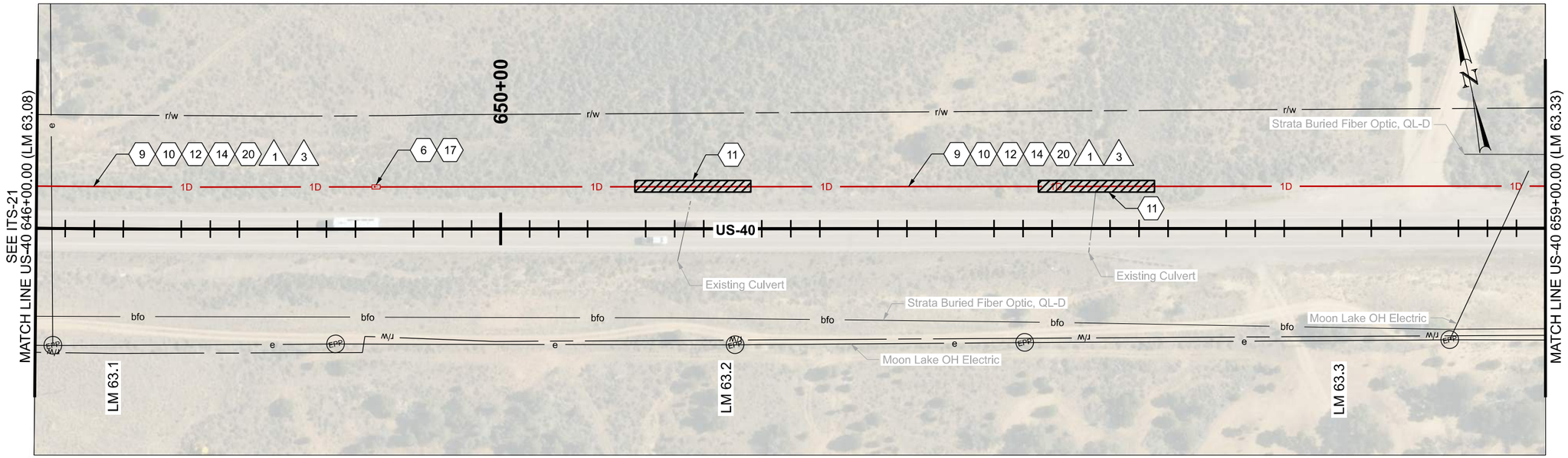

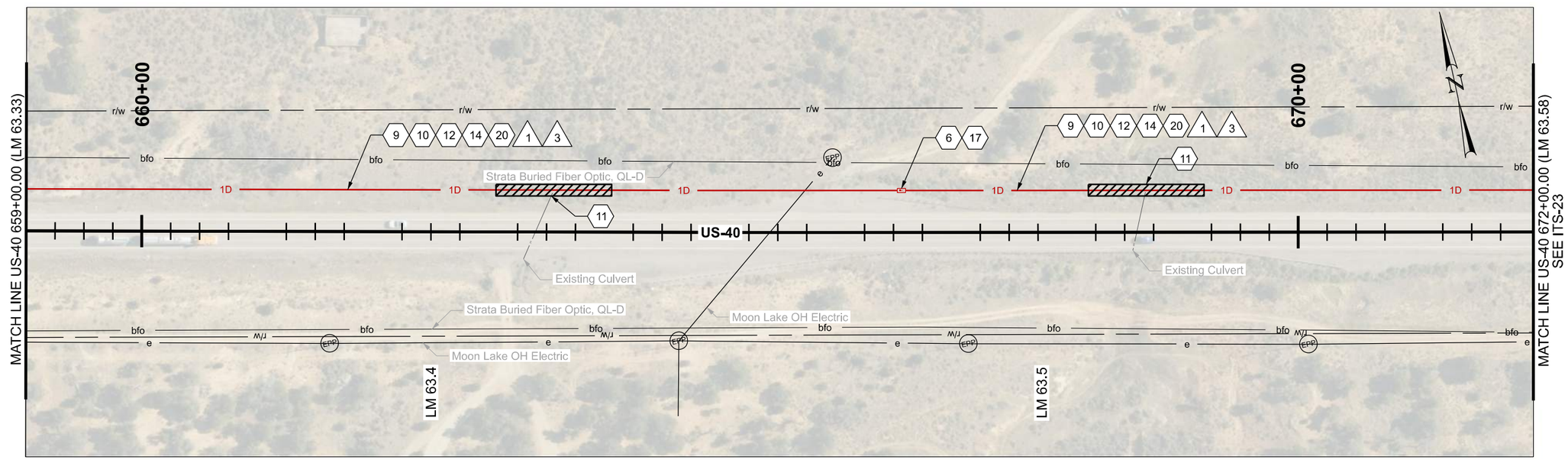

ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
20. 1D CONDUIT
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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QC CHECKED BY MGG

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PROFESSIONAL ENGINEER
12/1/25
DATE

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

SHEET NO. ITS-22

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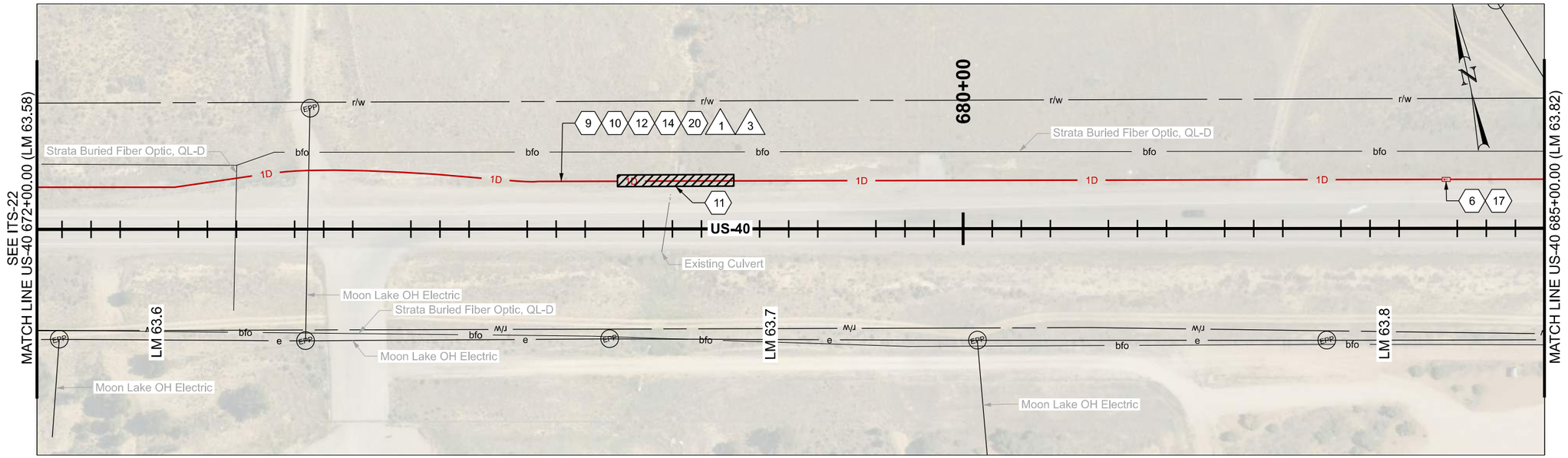
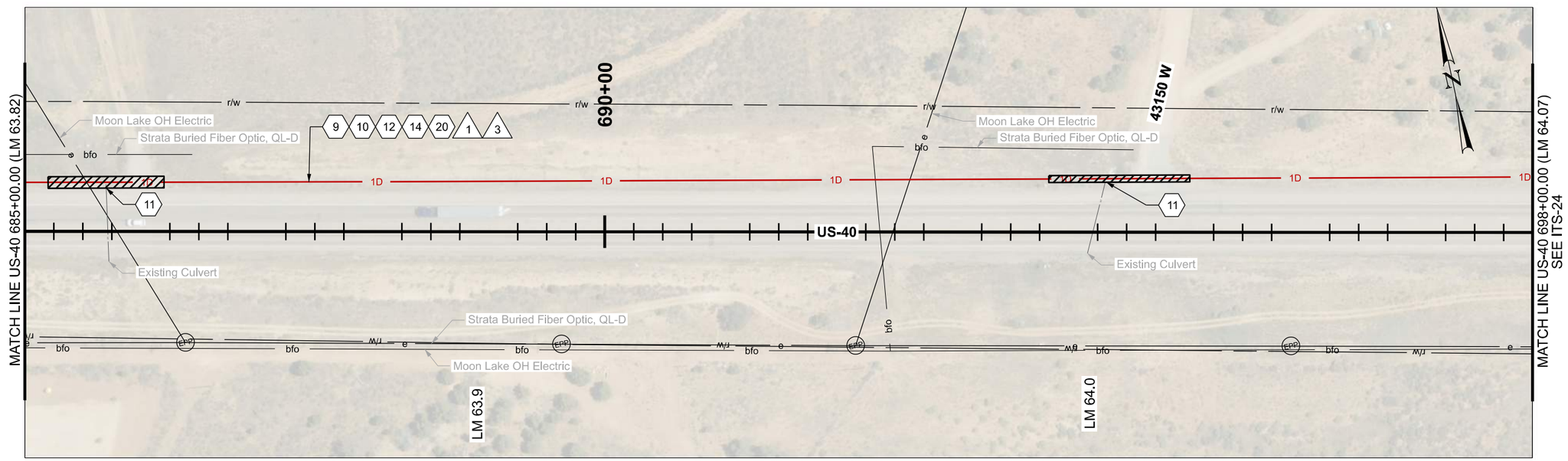
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

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JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-23

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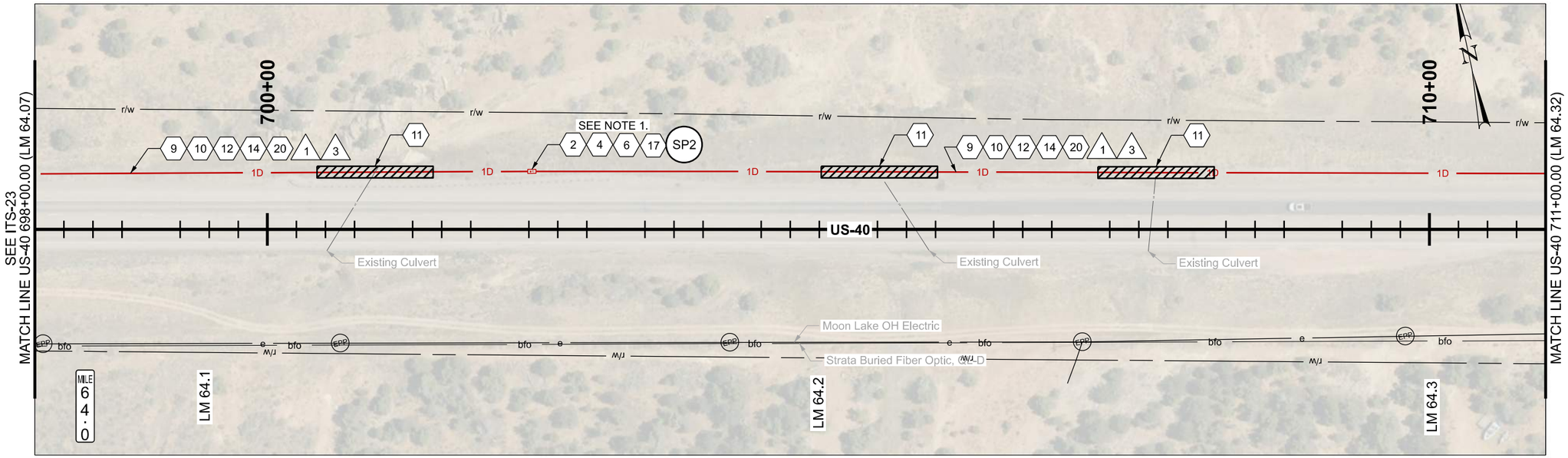

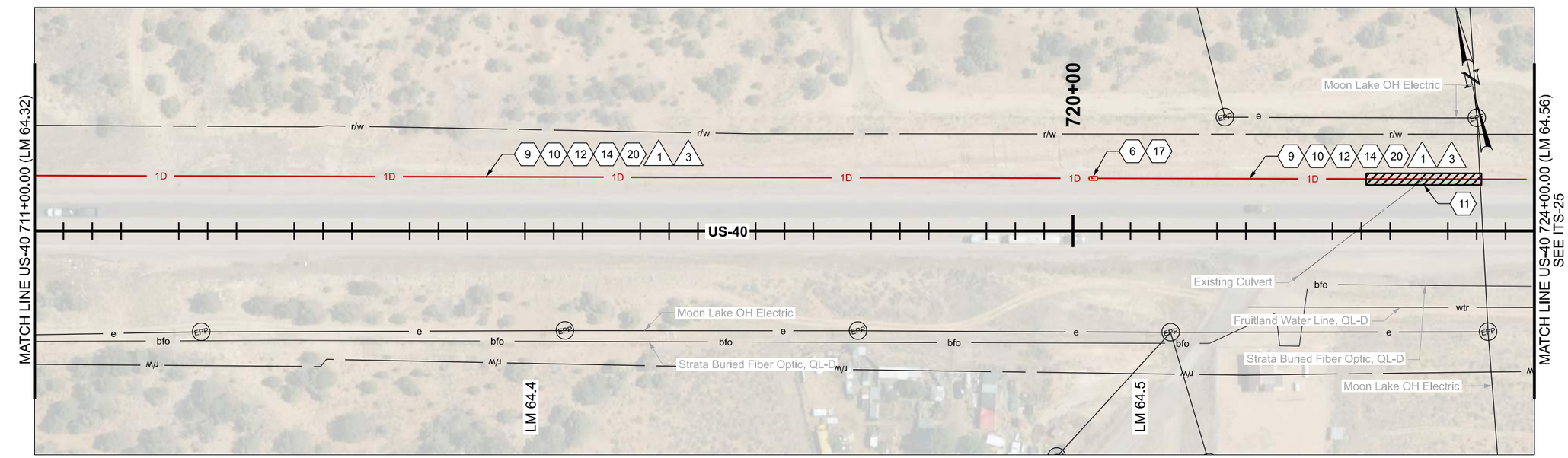

ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REELS.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-24

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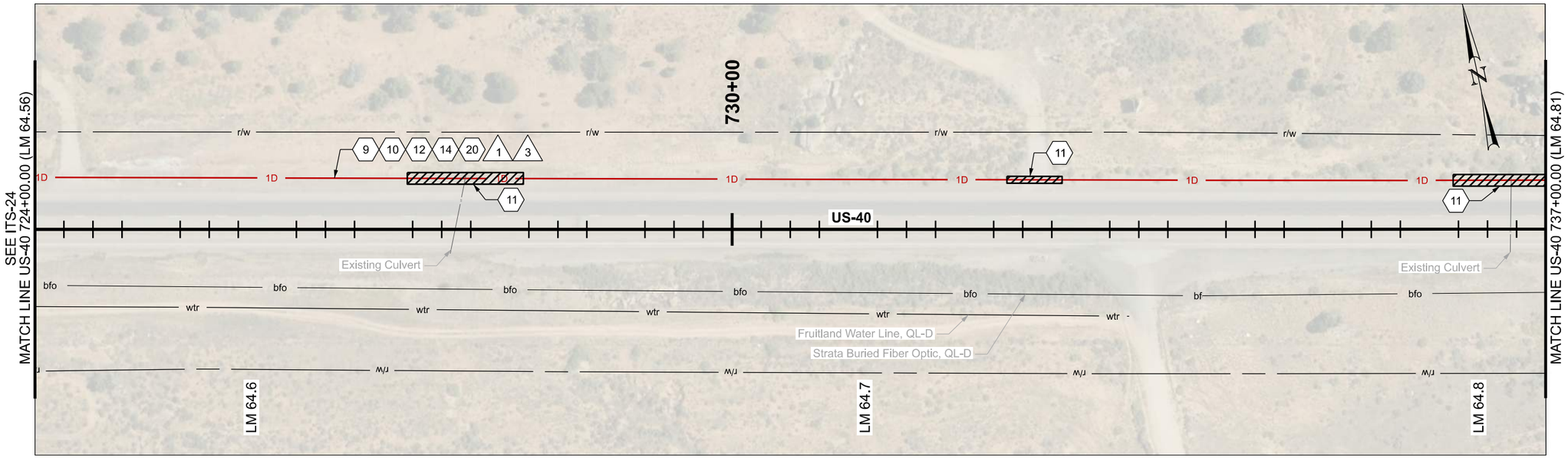
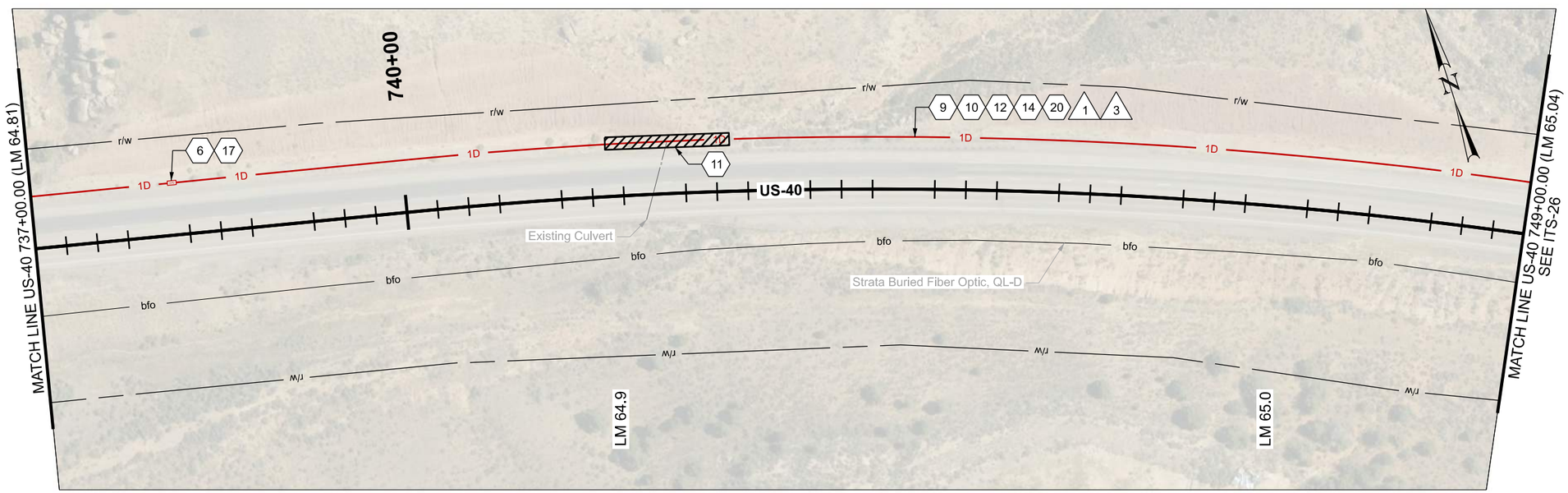
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

ITS

SHEET NO. ITS-25

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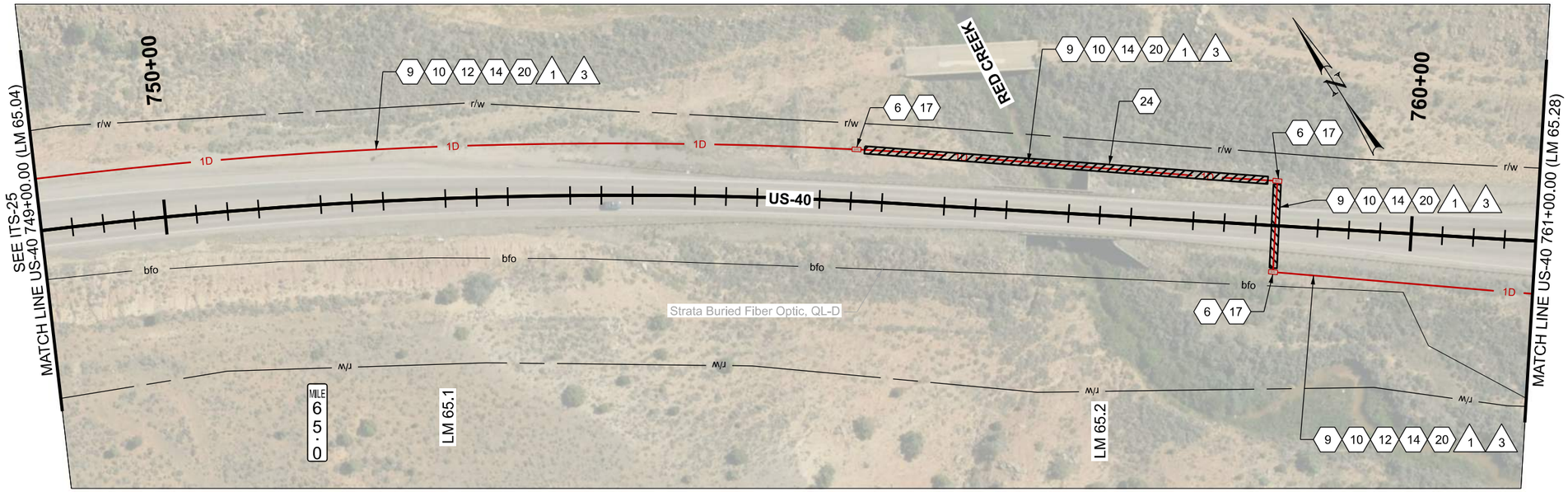
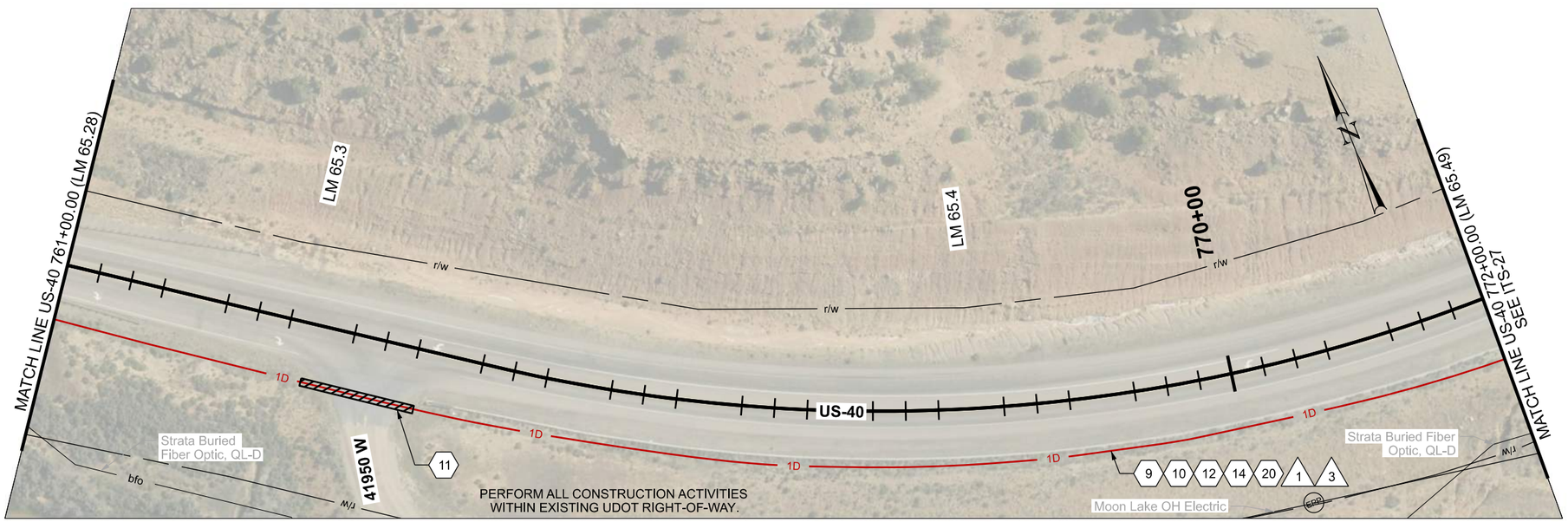
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT
24. DIRECTIONAL BORE CONDUIT UNDER WATERWAY REQ'D

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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DATE
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PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-26

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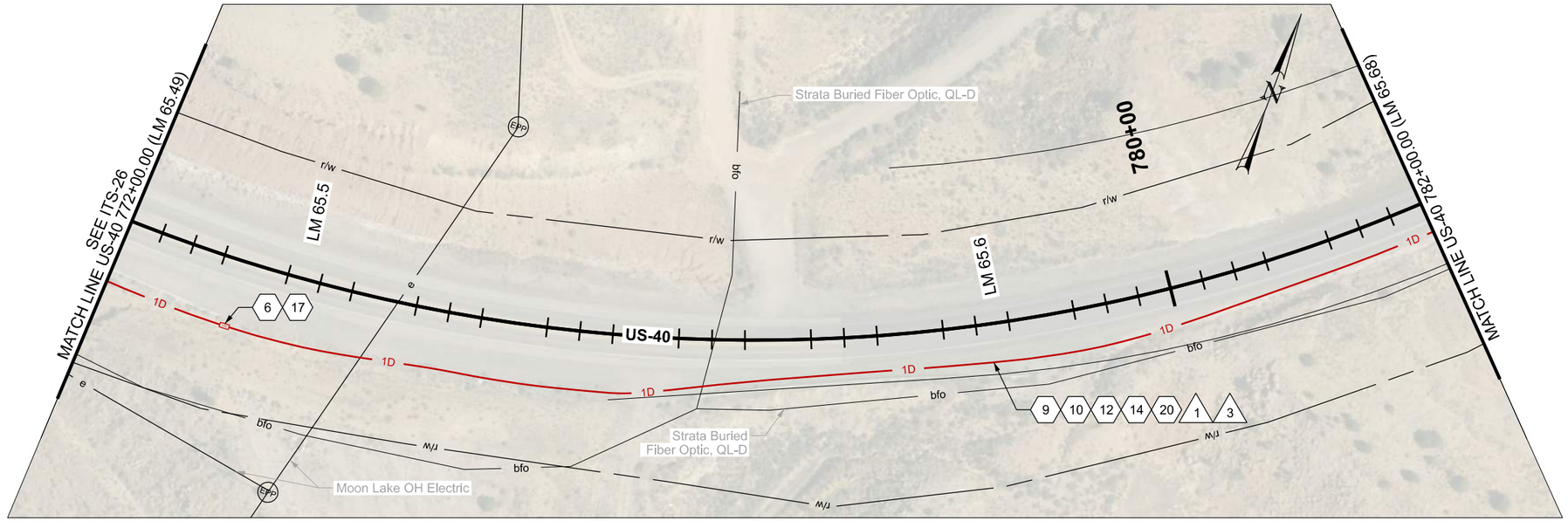
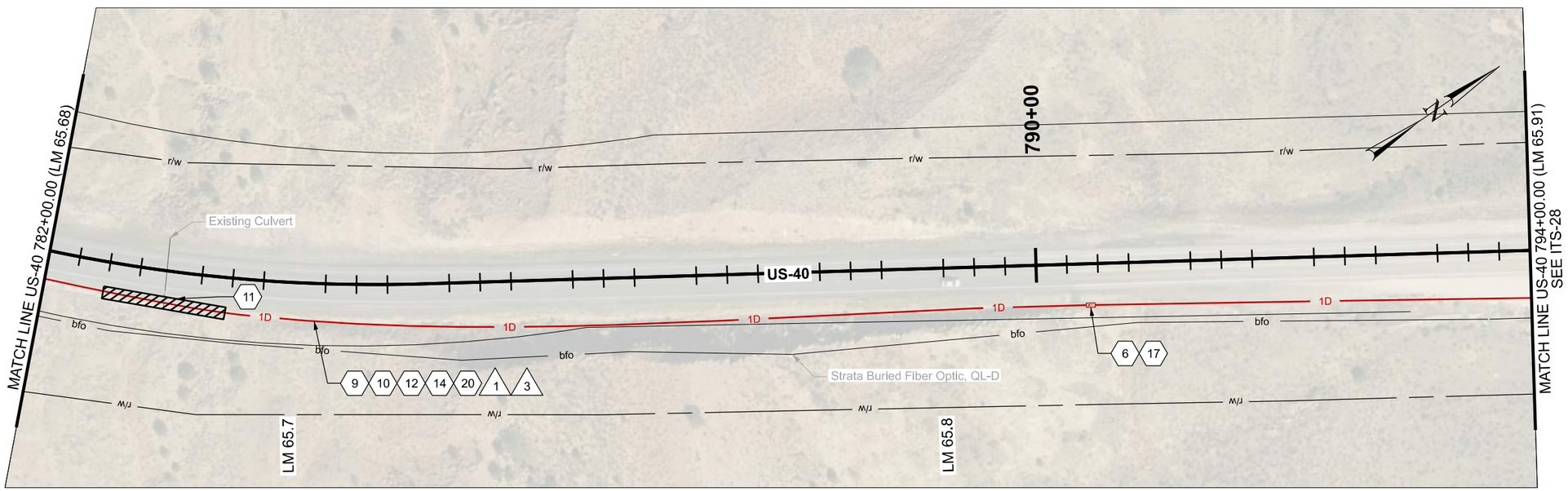
11/26/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
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JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-27

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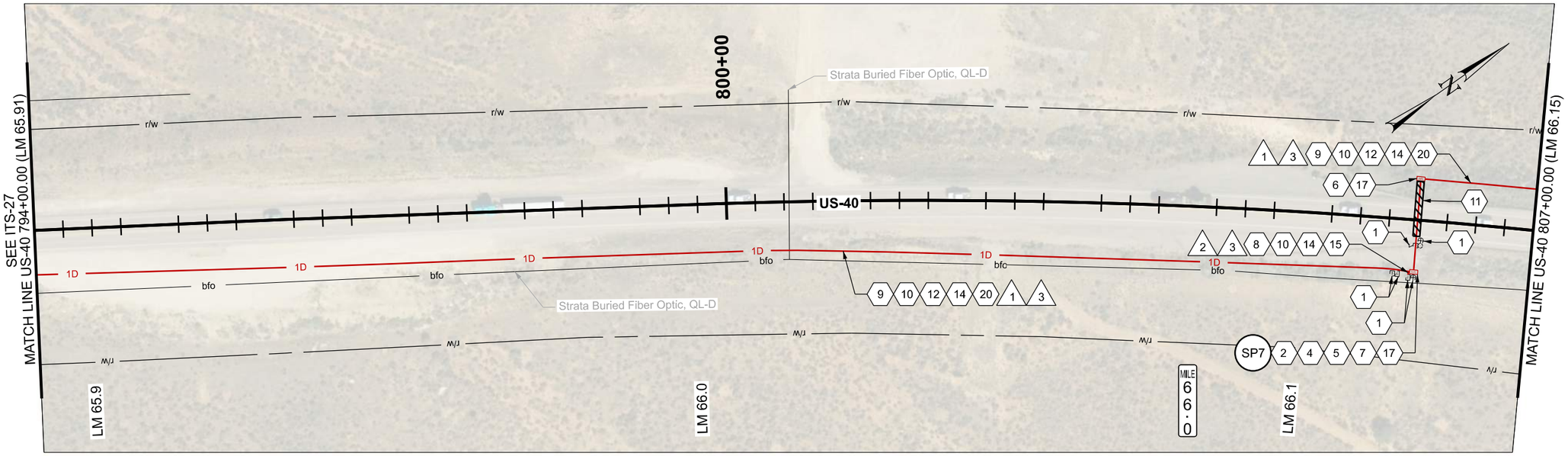

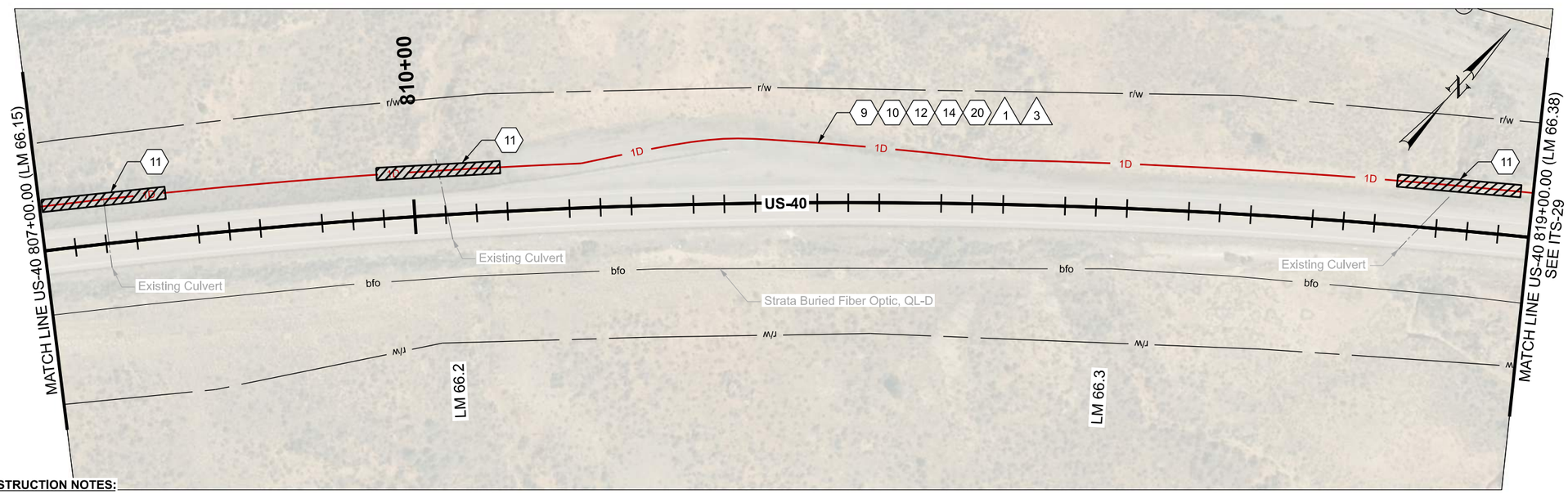

ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
2. FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
4. FUSION SPLICE REQ'D
5. 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.
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
7. PROVIDE 65 FT OF DROP CABLE SLACK IN JUNCTION BOX FOR SPLICING PURPOSES
8. PROVIDE 15 FT OF DROP CABLE SLACK FOR DEVICE CABINET PURPOSES. EXCESS CABLE SLACK IS TO BE STORED IN NEAREST JUNCTION BOX AND IS IN ADDITION TO ALL OTHER SPECIFIED SLACK.
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
15. TAL2 CONDUIT
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
2	6 STRAND PRE-TERMINATED DROP CABLE UNIT REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-28

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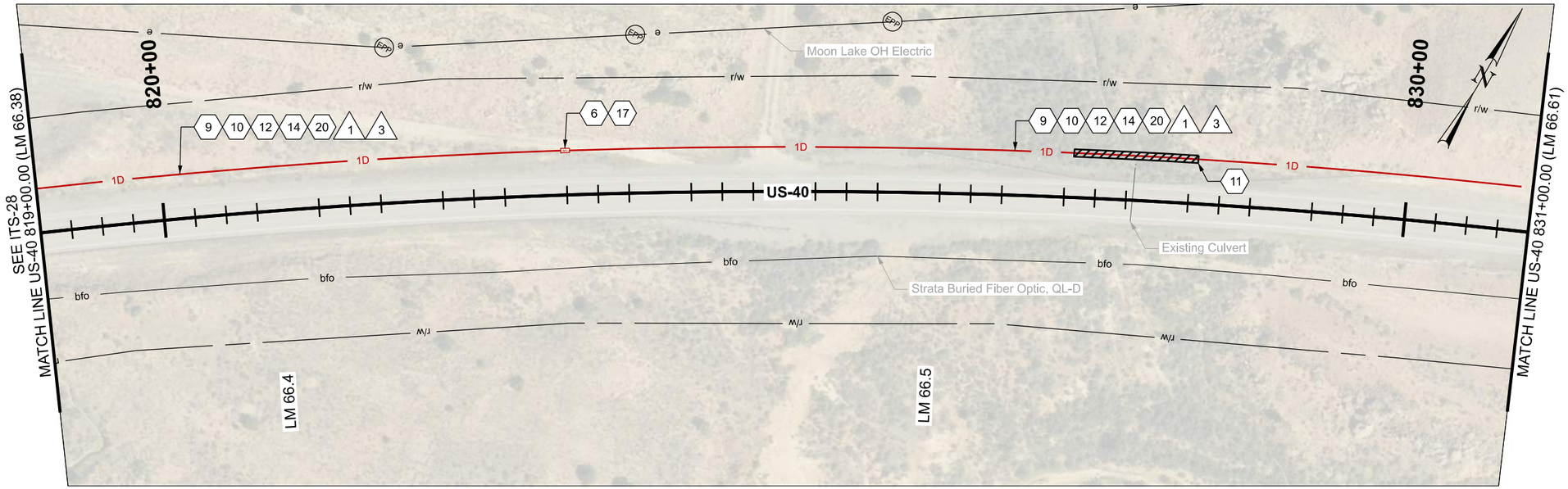
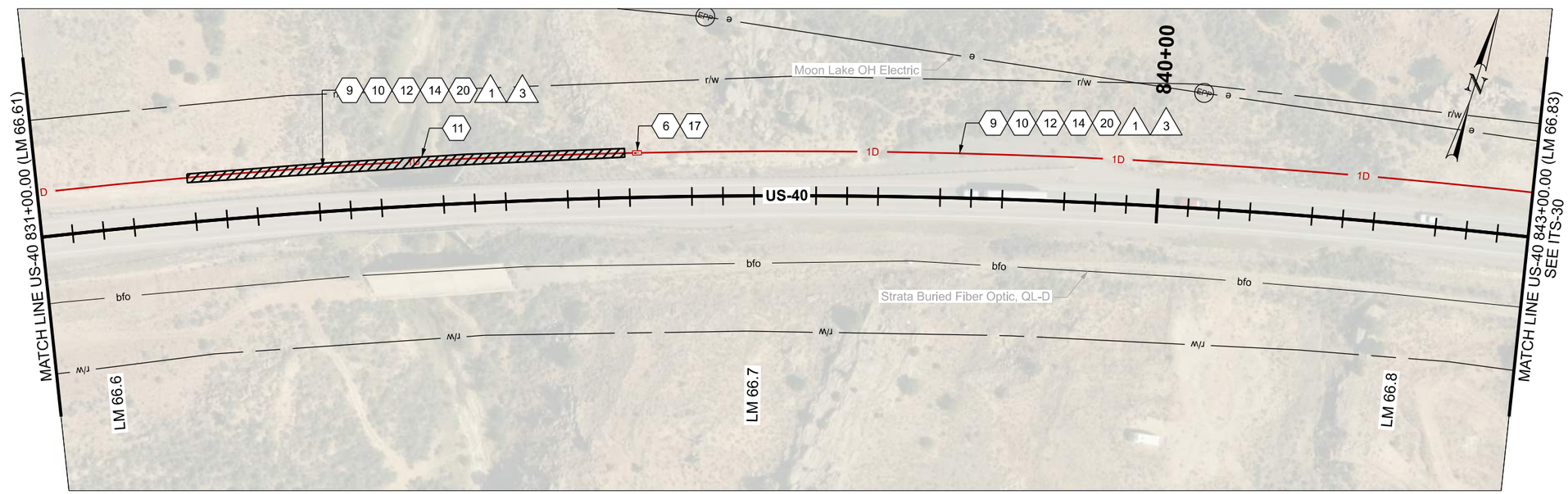
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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12/1/25
DATE
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PROFESSIONAL ENGINEER

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

SHEET NO. ITS-29

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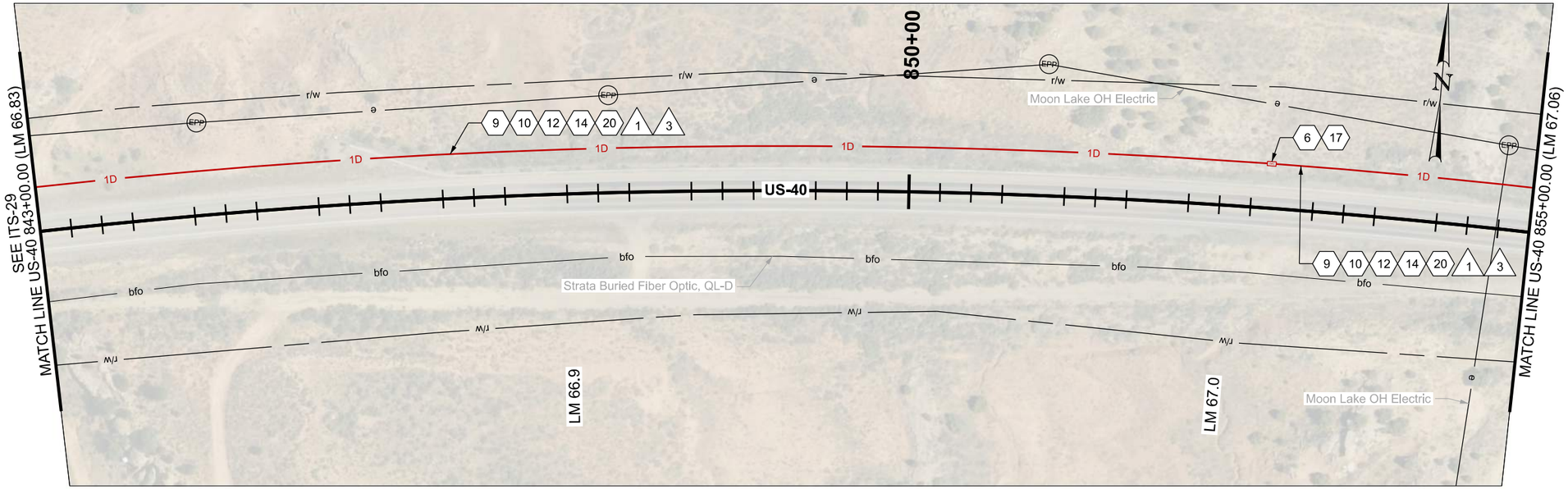
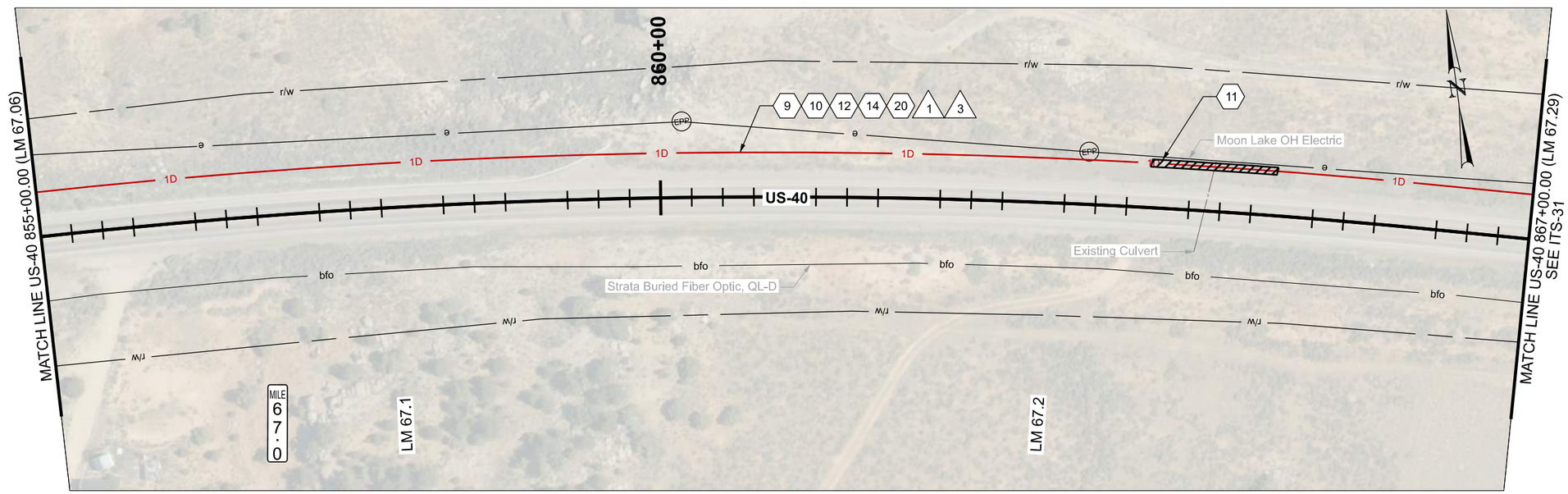
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
11. DIRECTIONAL BORE REQ'D
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
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12/1/25
DATE
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PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-30

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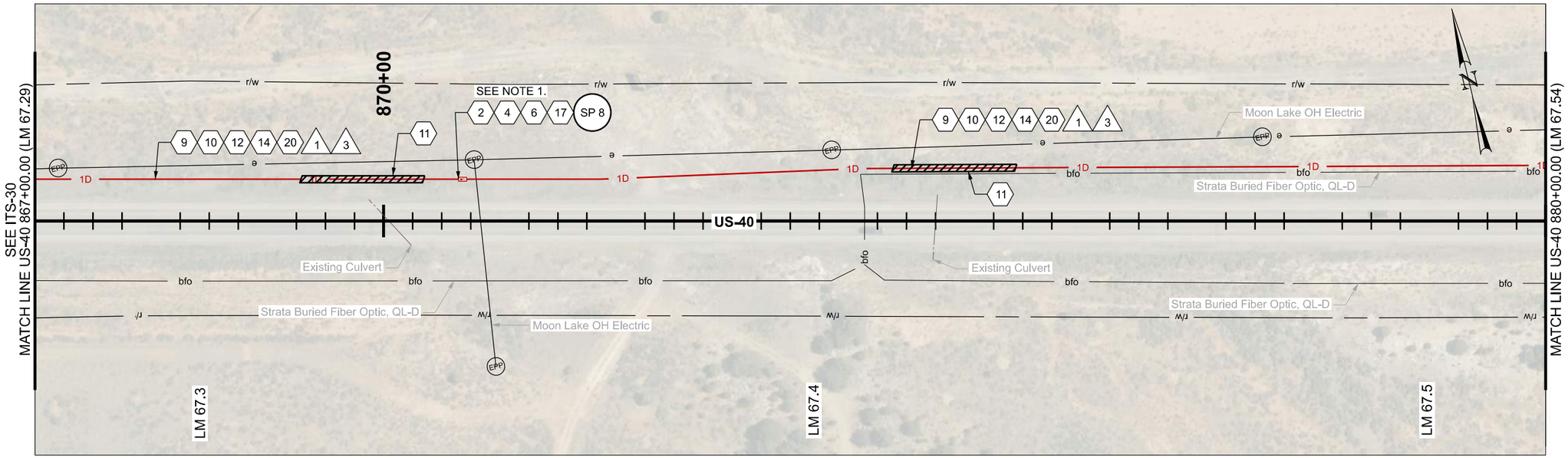

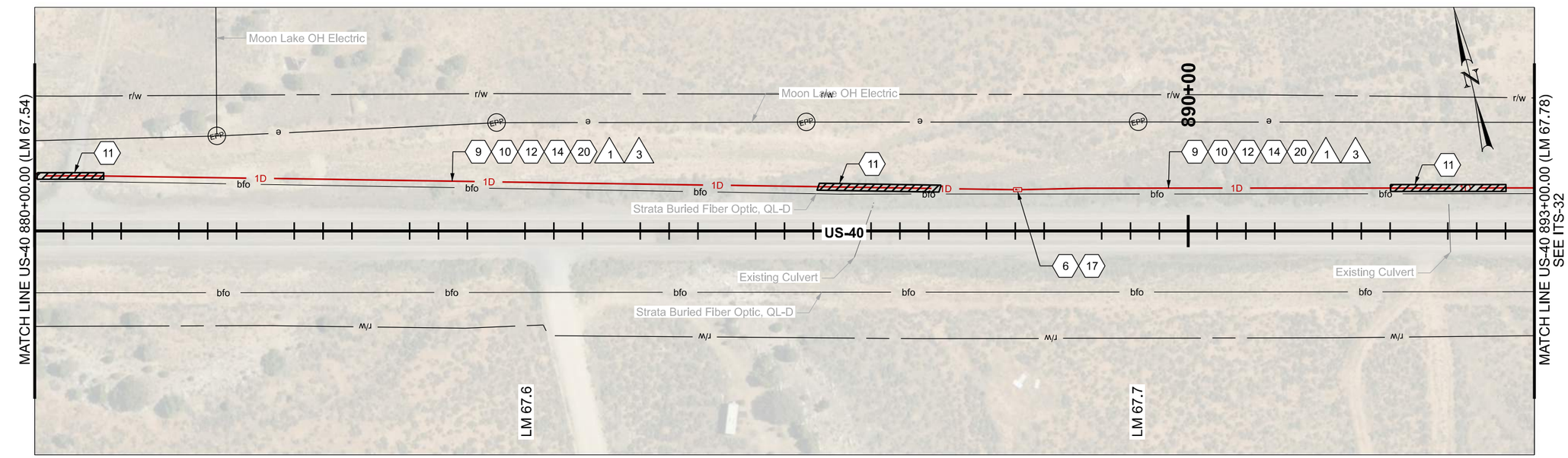

ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
2. FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
4. FUSION SPLICE REQ'D
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REELS.

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

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

SHEET NO. ITS-31

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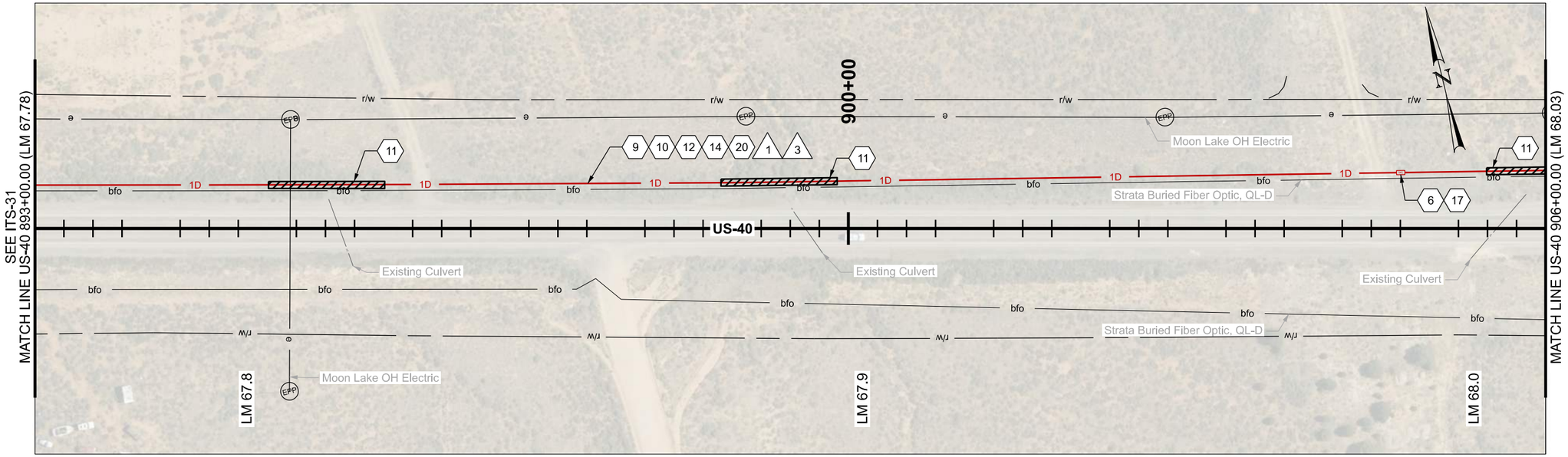
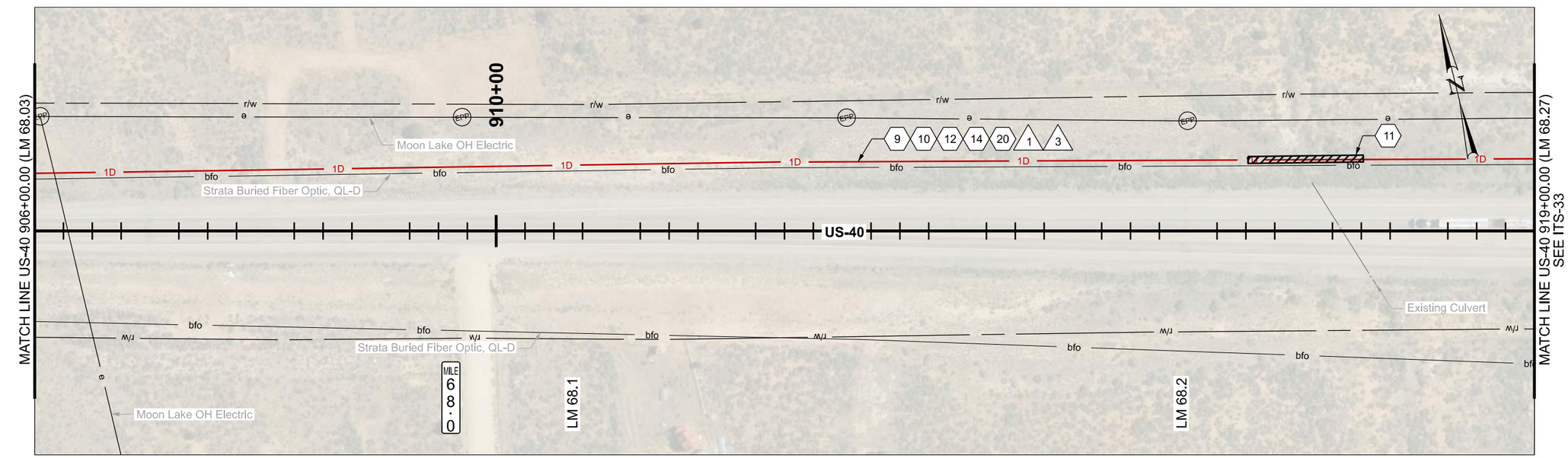
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (11) DIRECTIONAL BORE REQ'D
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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APPROVED
12/1/25
DATE
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-32

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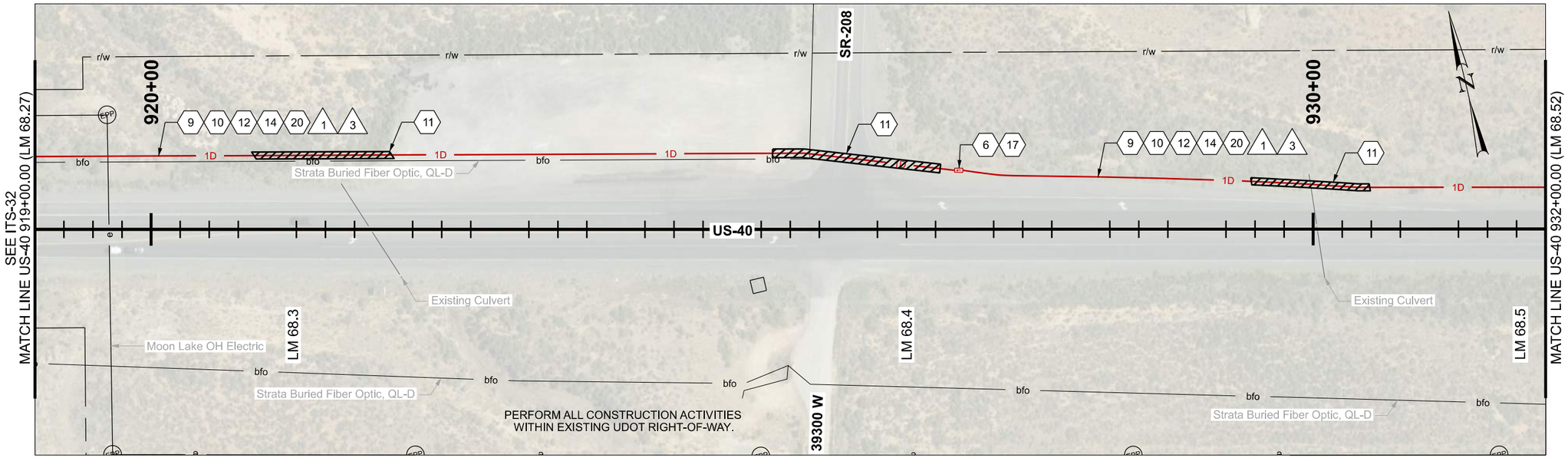
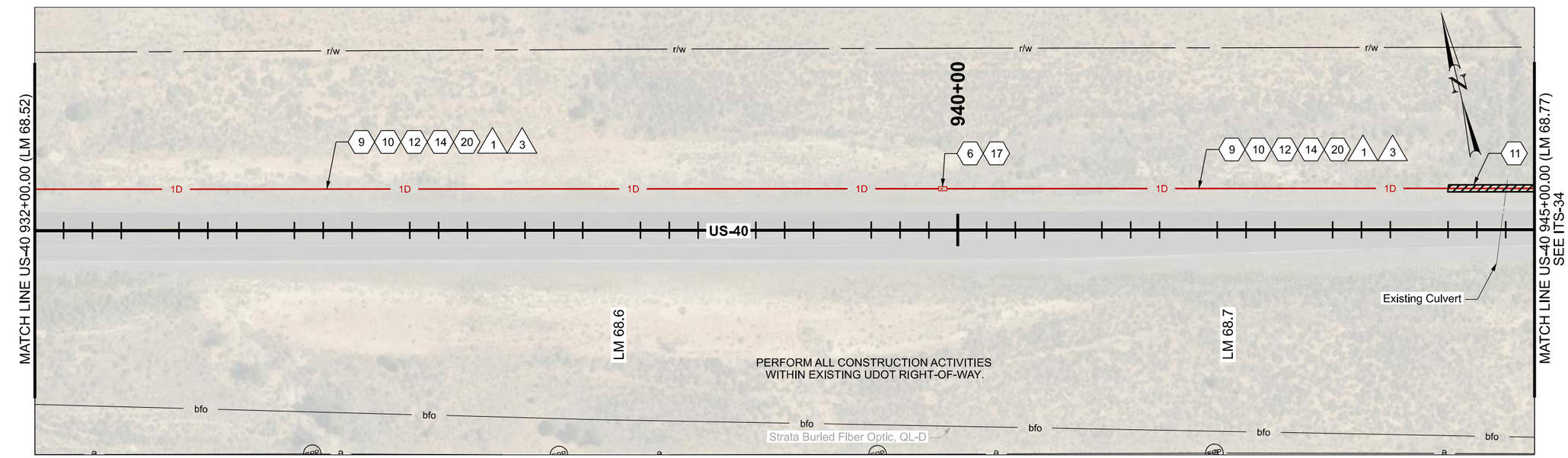
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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DATE 12/1/25
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PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-33

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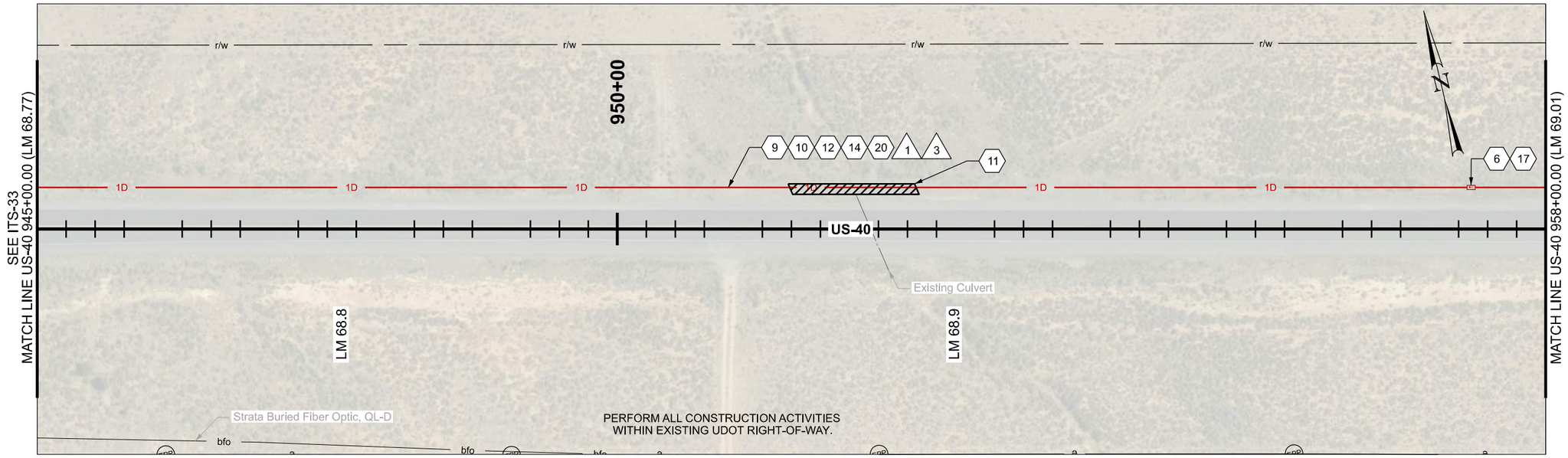
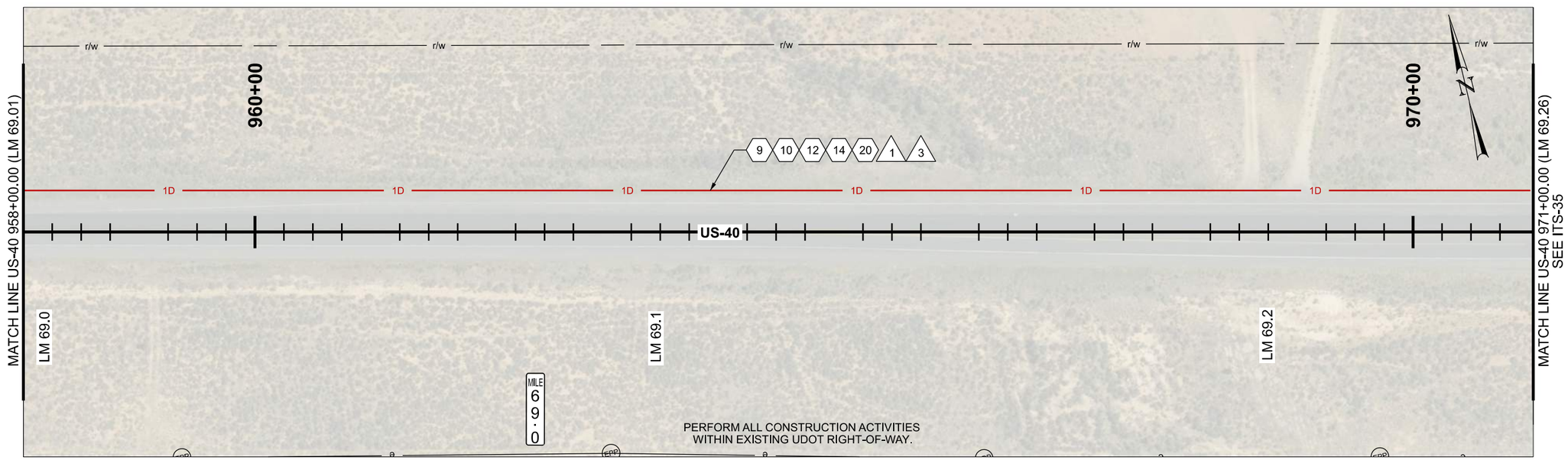
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-34

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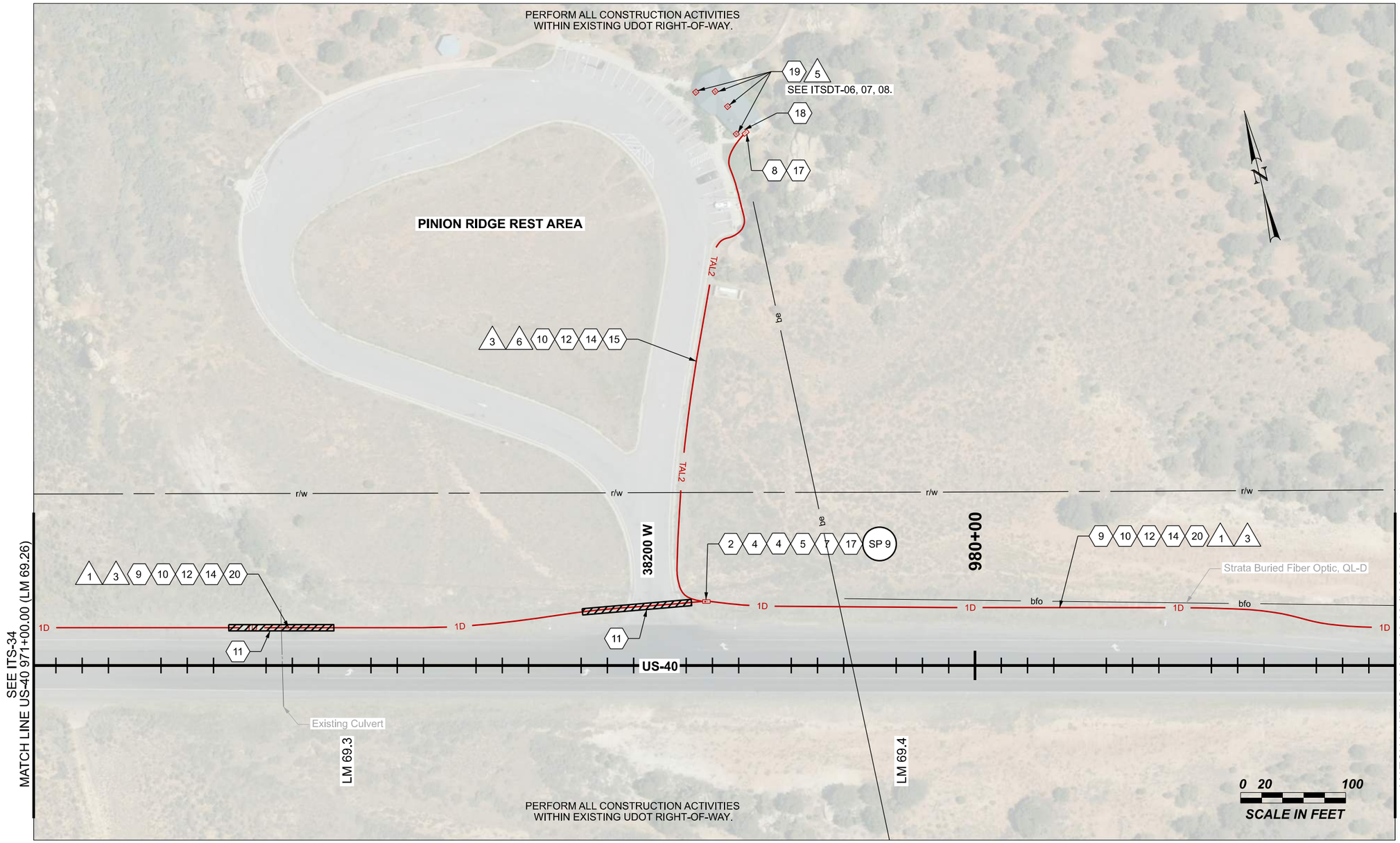
11/18/2025



ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
2. FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
4. FUSION SPLICE REQ'D
5. 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.
7. PROVIDE 65 FT OF DROP CABLE SLACK IN JUNCTION BOX FOR SPLICING PURPOSES
8. PROVIDE 15 FT OF DROP CABLE SLACK FOR DEVICE CABINET PURPOSES. EXCESS CABLE SLACK IS TO BE STORED IN NEAREST JUNCTION BOX AND IS IN ADDITION TO ALL OTHER SPECIFIED SLACK.
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
15. TAL2 CONDUIT
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
18. BUILDING ENTRANCE REQ'D
19. INSTALL WIFI HOTSPOT REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D
5	ETHERNET CABLE CAT6, REQ'D
6	24 STRAND PRE-TERMINATED DROP CABLE UNIT REQ'D

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-35

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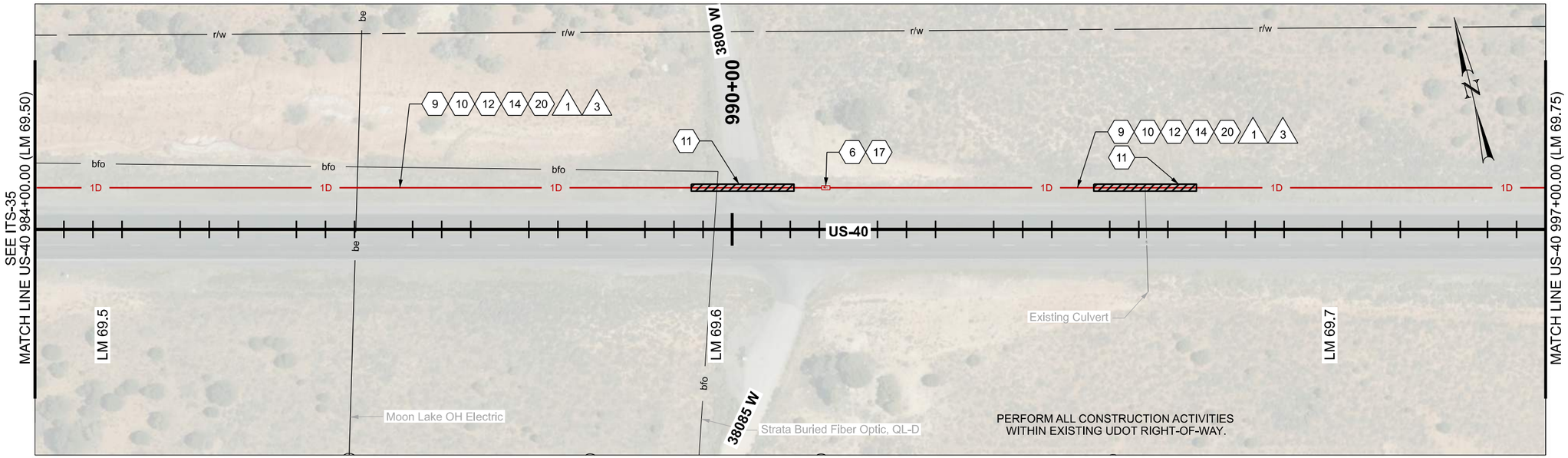
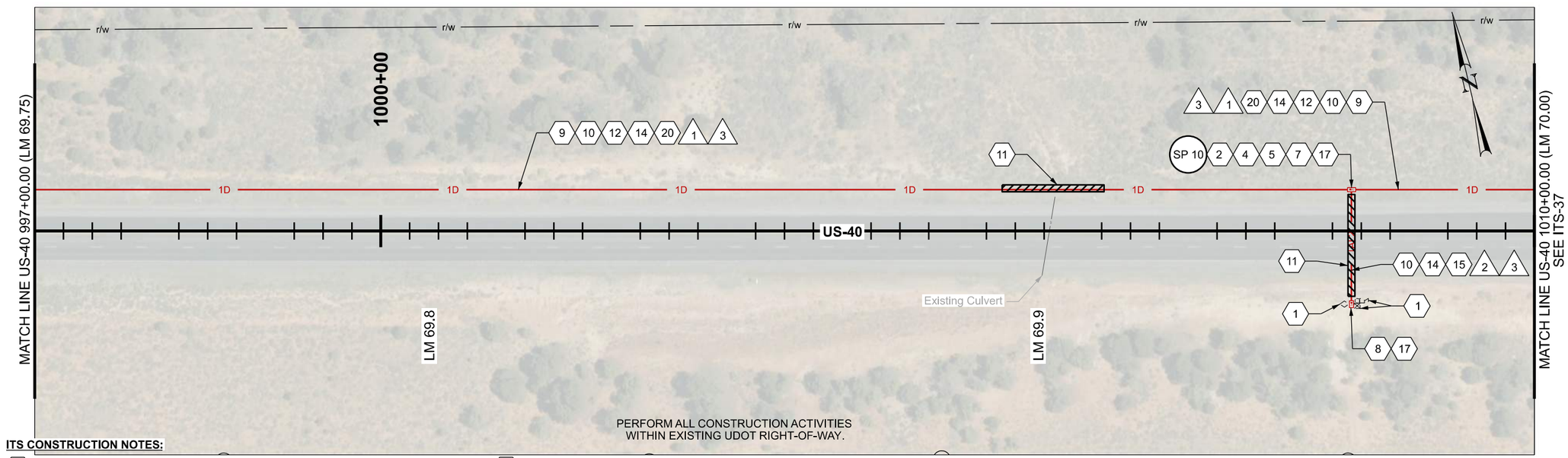
11/18/2025





ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
2. FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
4. FUSION SPLICE REQ'D
5. 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.
6. PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
7. PROVIDE 65 FT OF DROP CABLE SLACK IN JUNCTION BOX FOR SPLICING PURPOSES
8. PROVIDE 15 FT OF DROP CABLE SLACK FOR DEVICE CABINET PURPOSES. EXCESS CABLE SLACK IS TO BE STORED IN NEAREST JUNCTION BOX AND IS IN ADDITION TO ALL OTHER SPECIFIED SLACK.
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
15. TAL2 CONDUIT
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
2	6 STRAND PRE-TERMINATED DROP CABLE UNIT REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

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UTAH DEPARTMENT OF TRANSPORTATION
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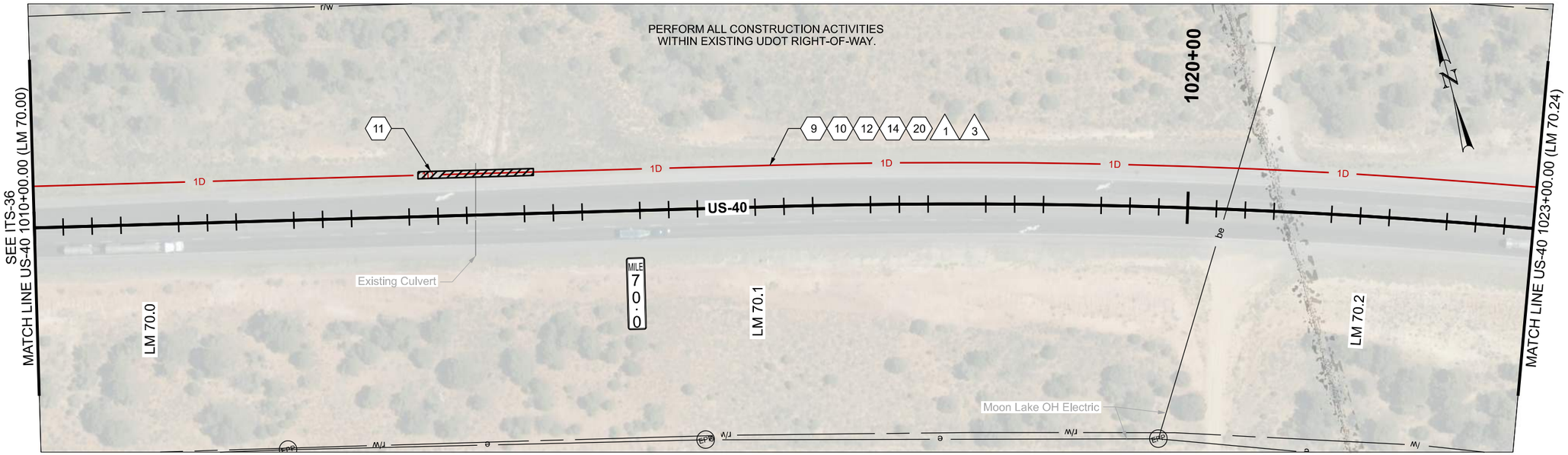
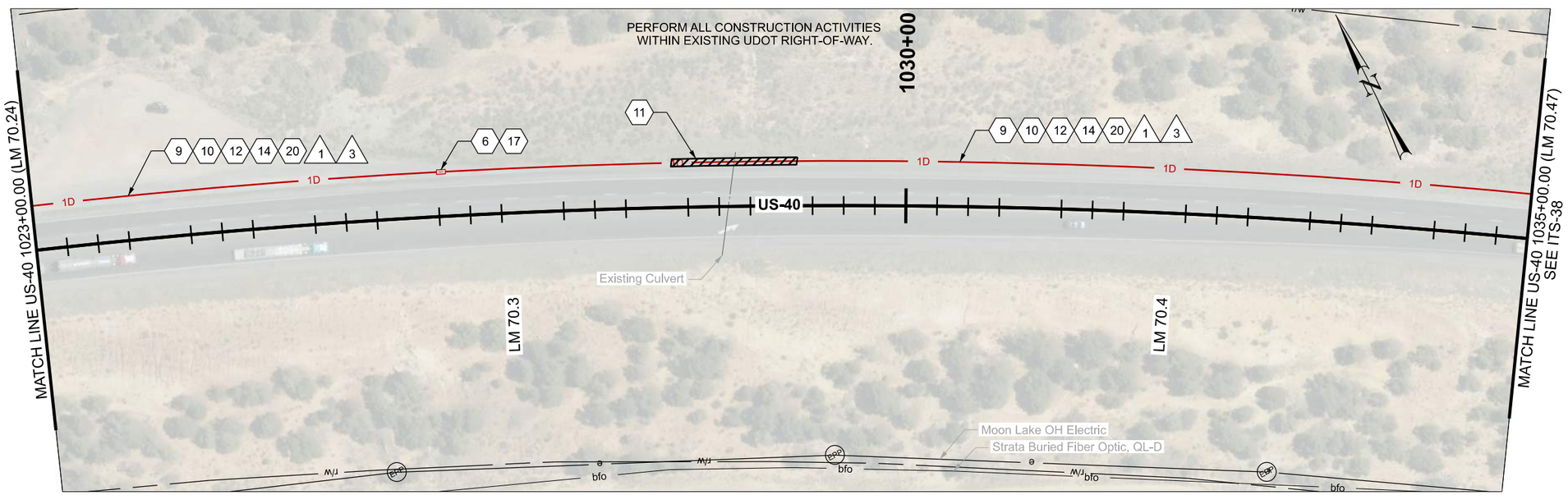
JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-36





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
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PROJECT: JURASSIC US-40 FIBER OPTICS - SEGMENT B
PROJECT NUMBER: F-0040(249)51
PIN: 22898
ITS

SHEET NO. ITS-37

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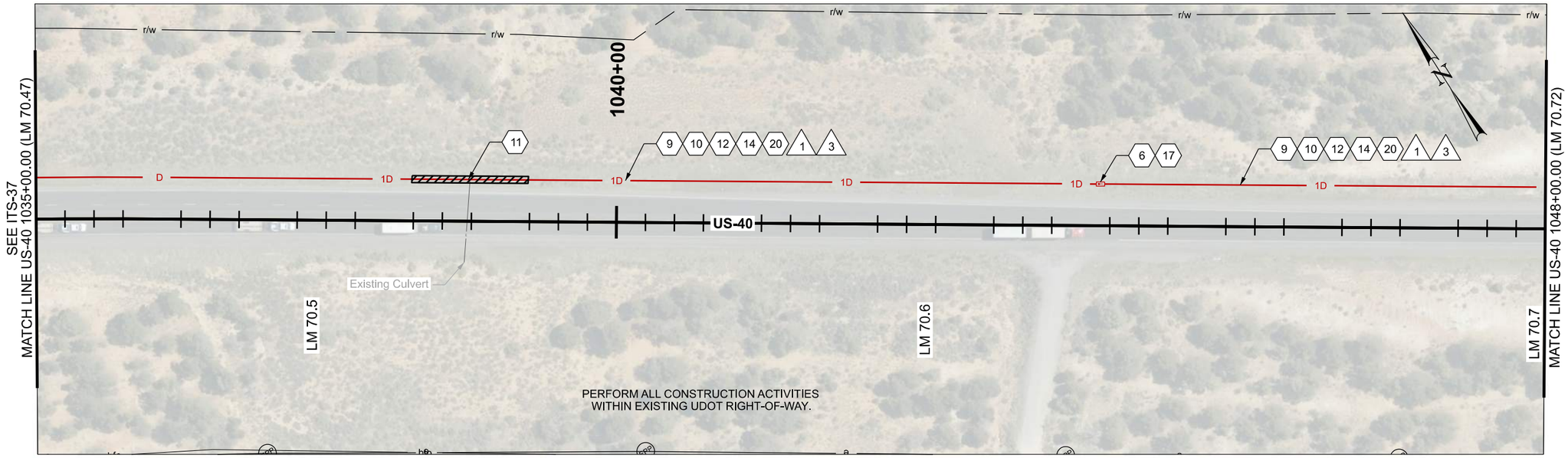
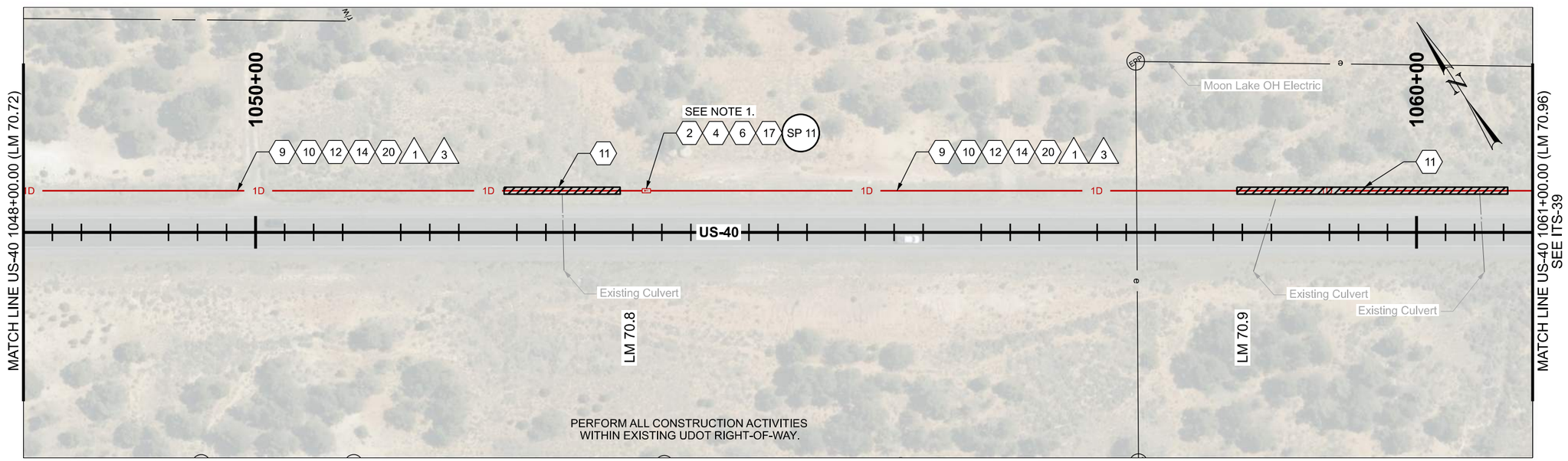
11/18/2025





ITS CONSTRUCTION NOTES:

- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REEL.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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

SHEET NO. ITS-38

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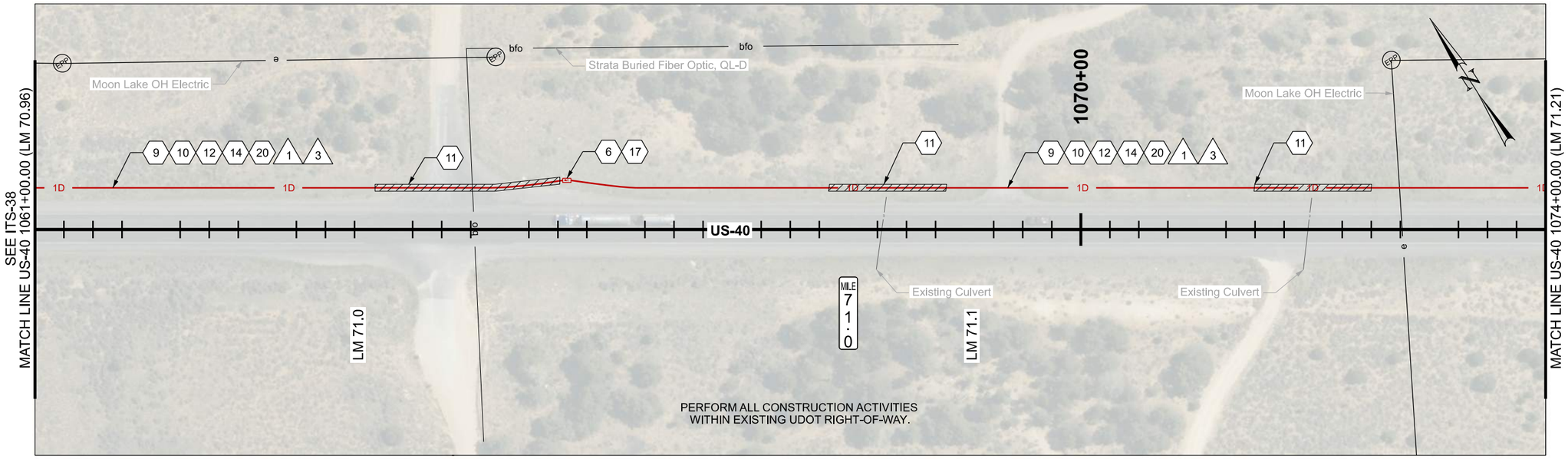
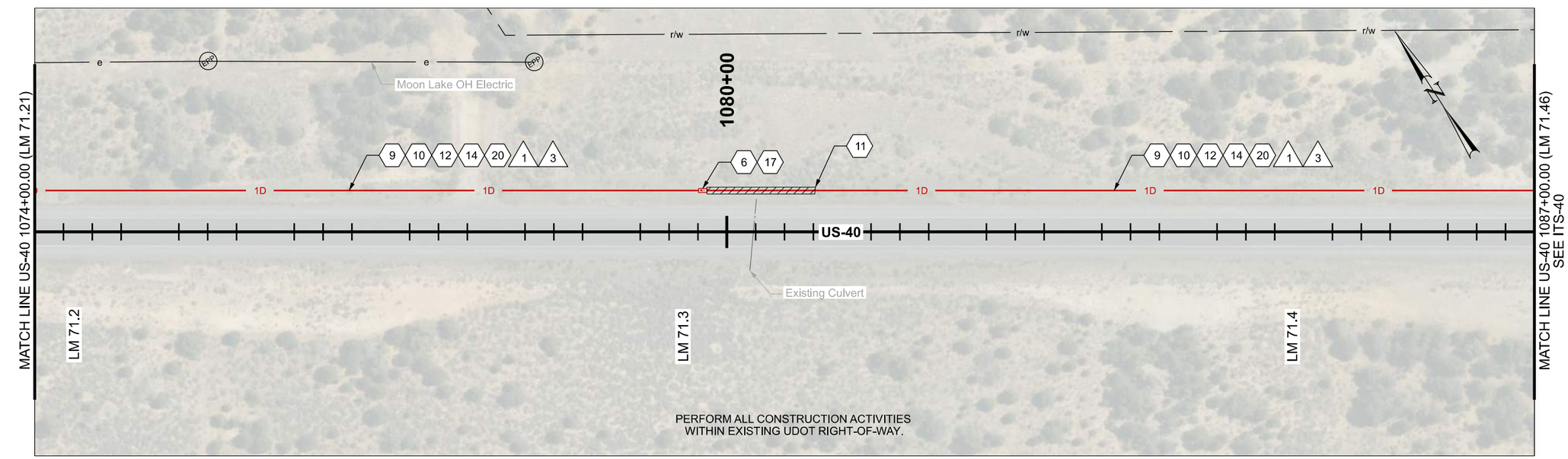
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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AVENUE CONSULTANTS

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

SHEET NO. ITS-39

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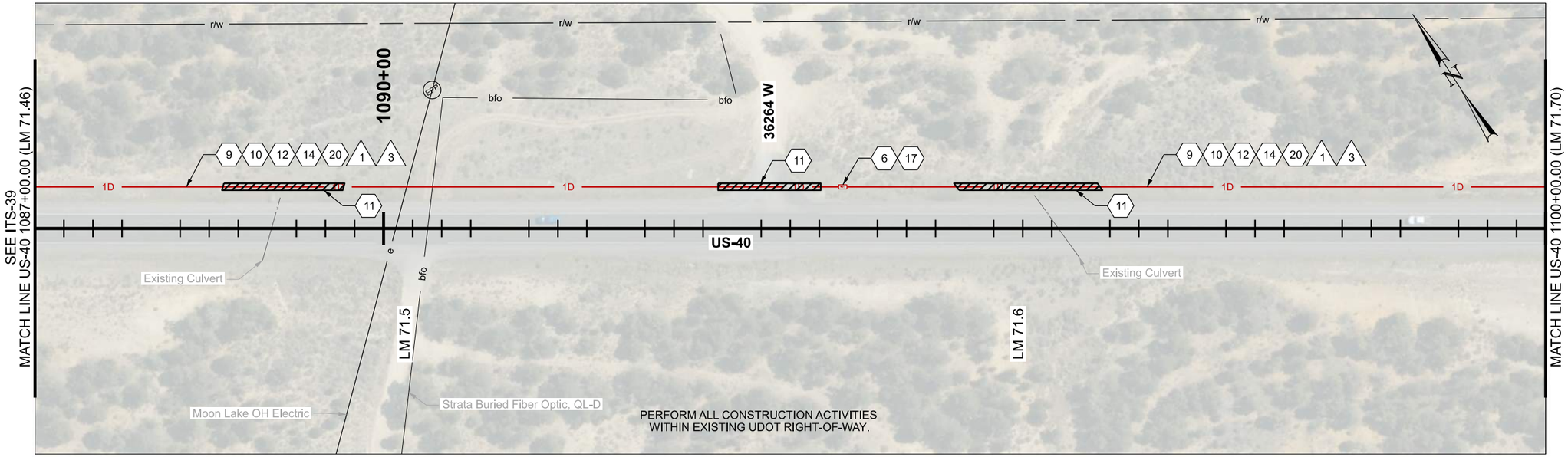
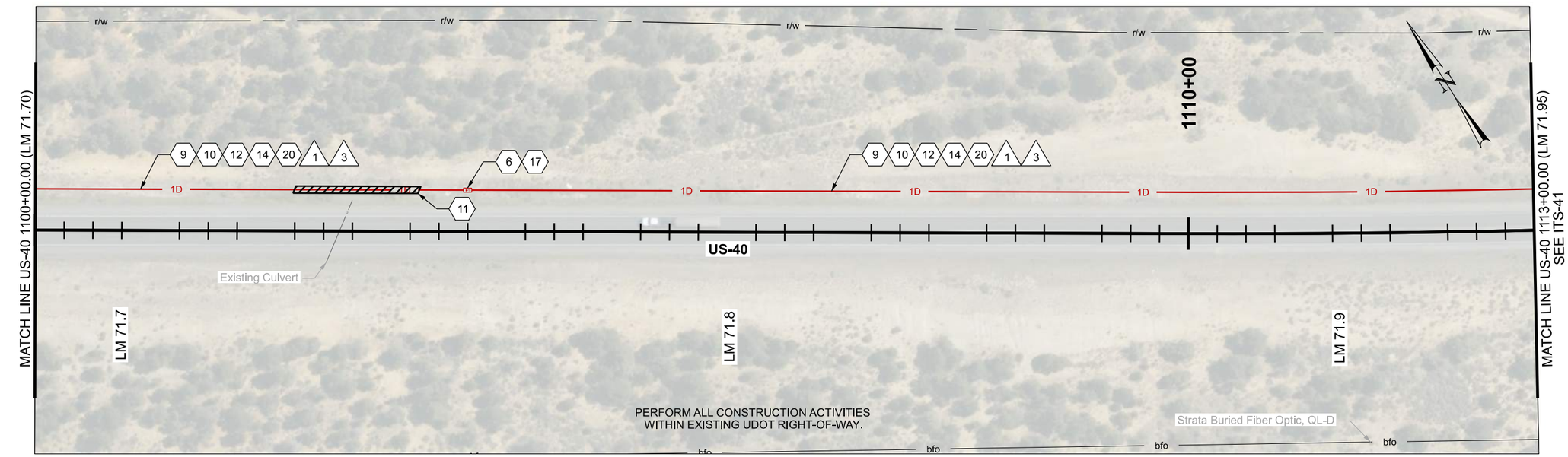
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-40

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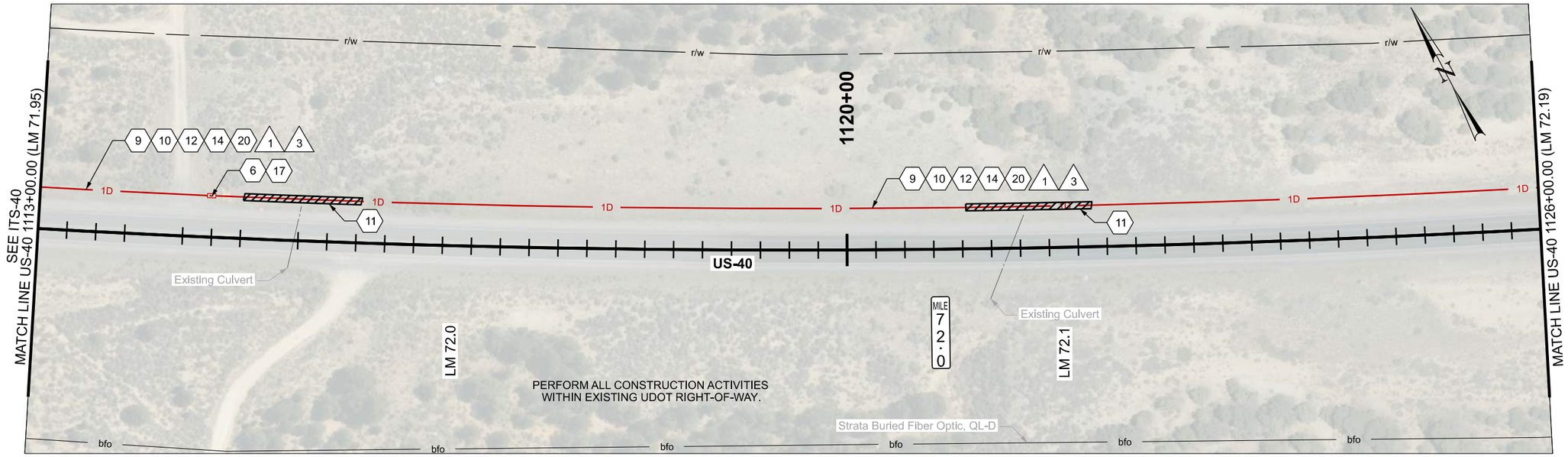
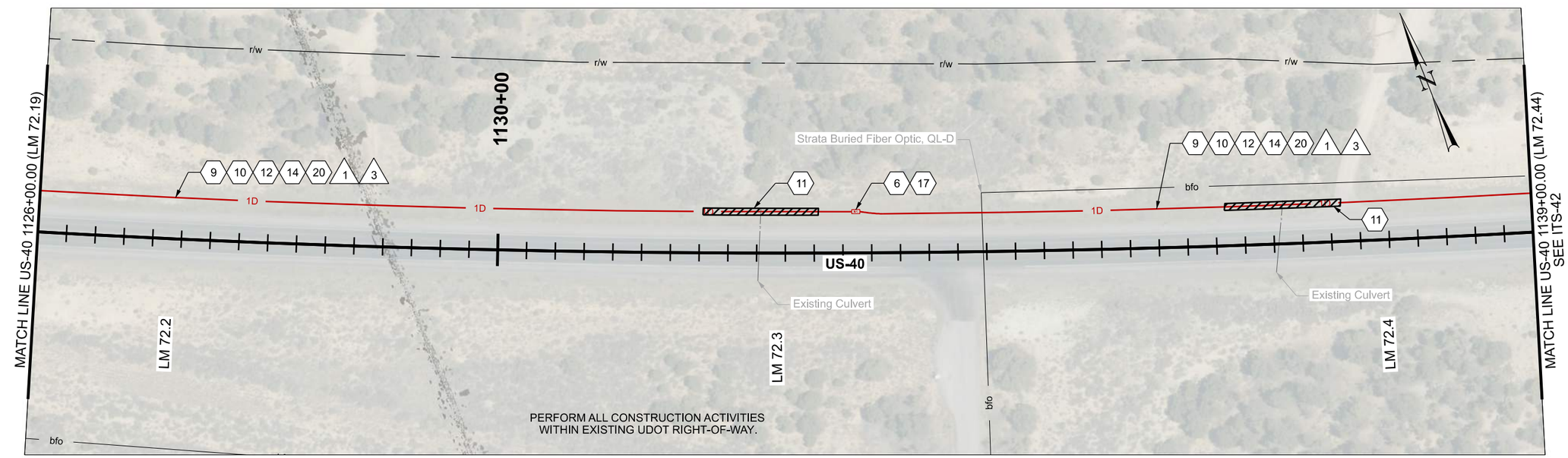
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D
- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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

SHEET NO. ITS-41

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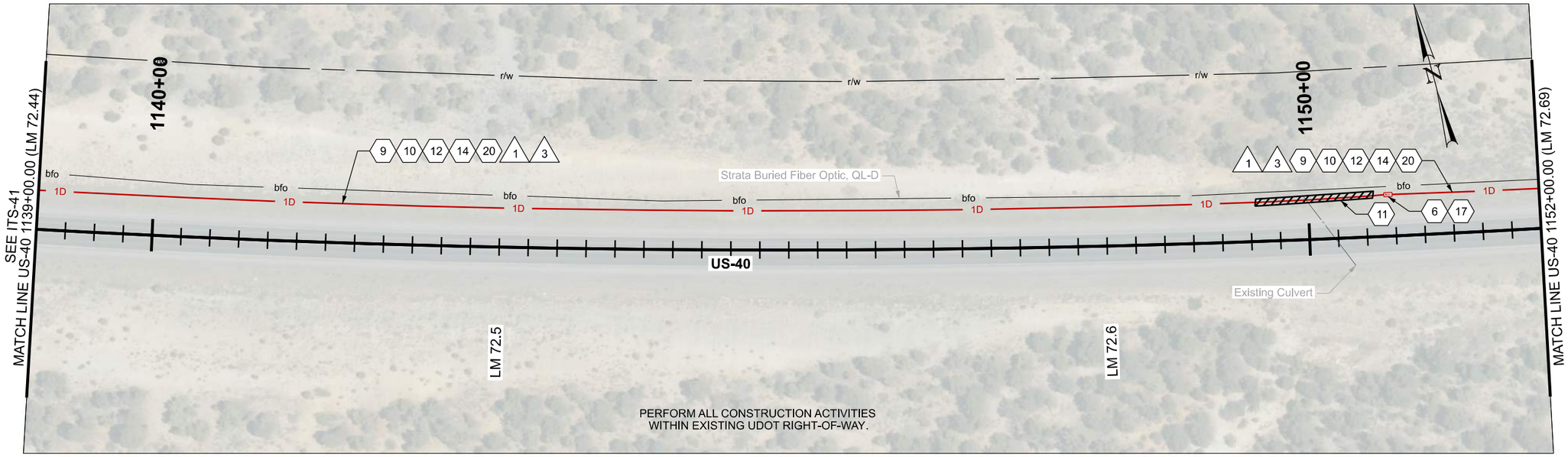
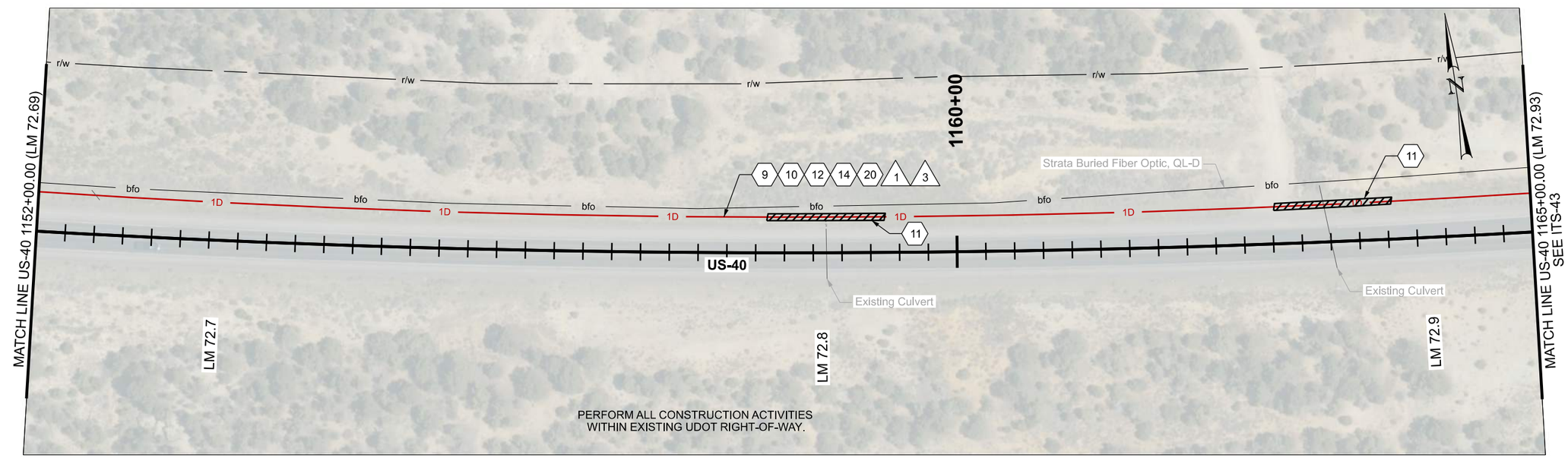
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (11) DIRECTIONAL BORE REQ'D
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

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UTAH DEPARTMENT OF TRANSPORTATION
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DATE 12/1/25
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PROJECT: JURASSIC US-40 FIBER OPTICS - SEGMENT B
PROJECT NUMBER: F-0040(249)51
PIN 22898
ITS

SHEET NO. ITS-42

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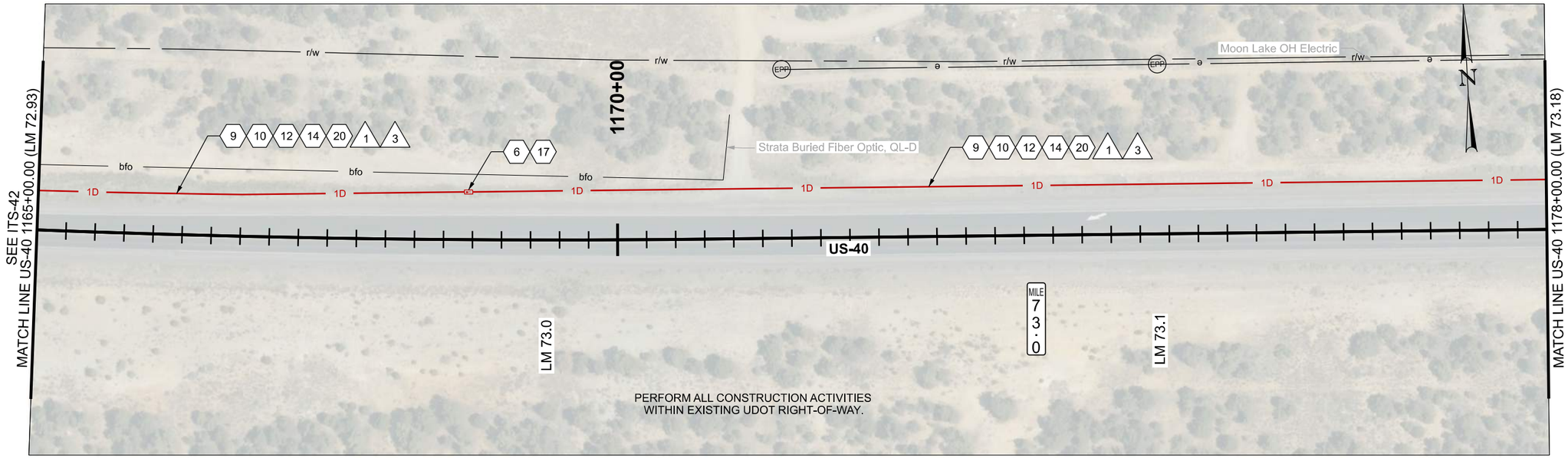
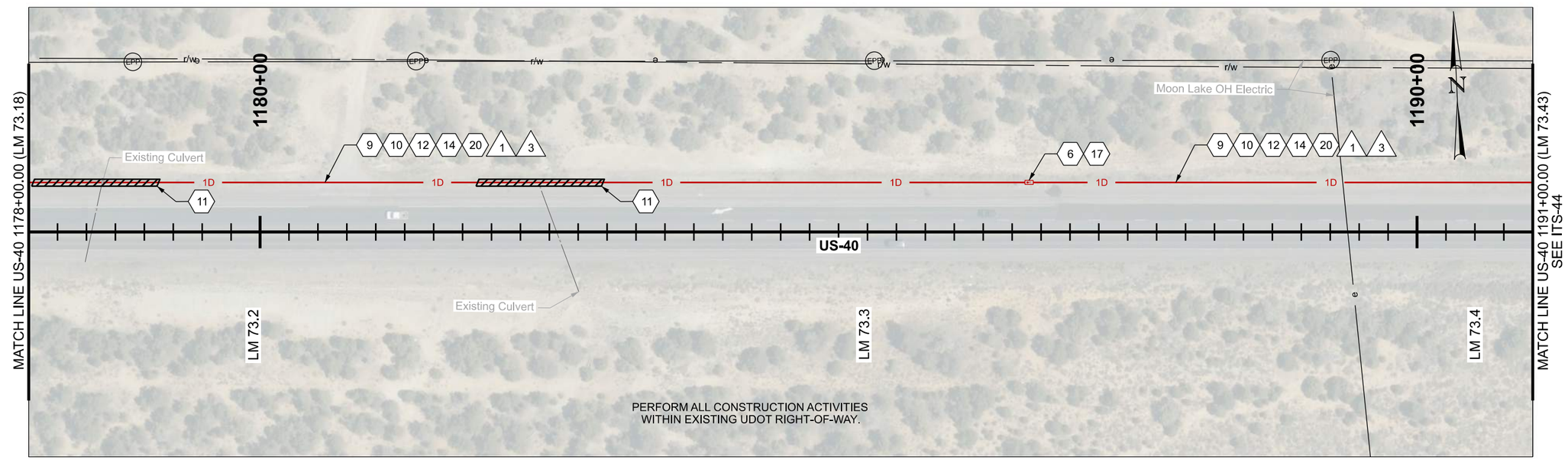
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

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JURASSIC US-40 FIBER OPTICS
- SEGMENT B
PIN 22898
F-0040(249)51
ITS

PROJECT
PROJECT NUMBER

SHEET NO. ITS-43

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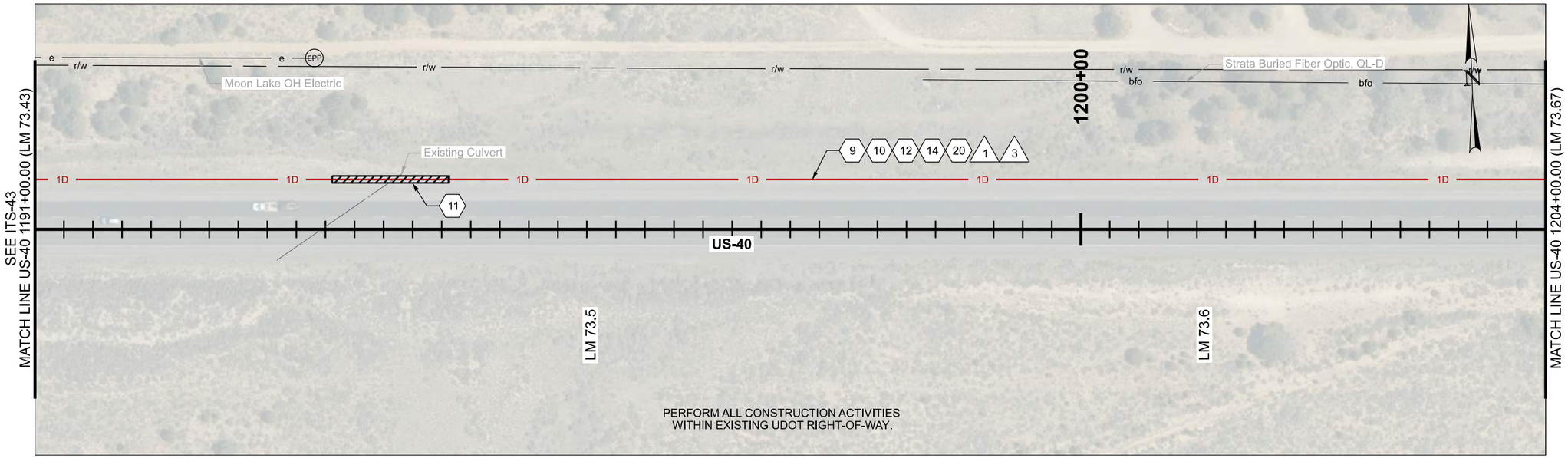
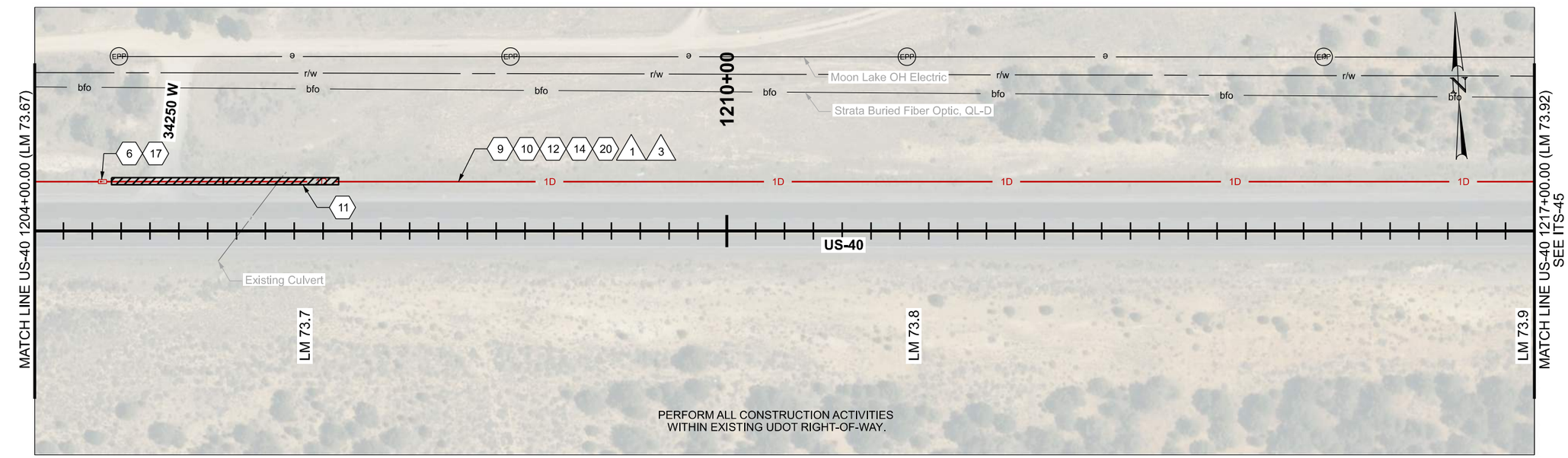
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D
- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

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JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-44

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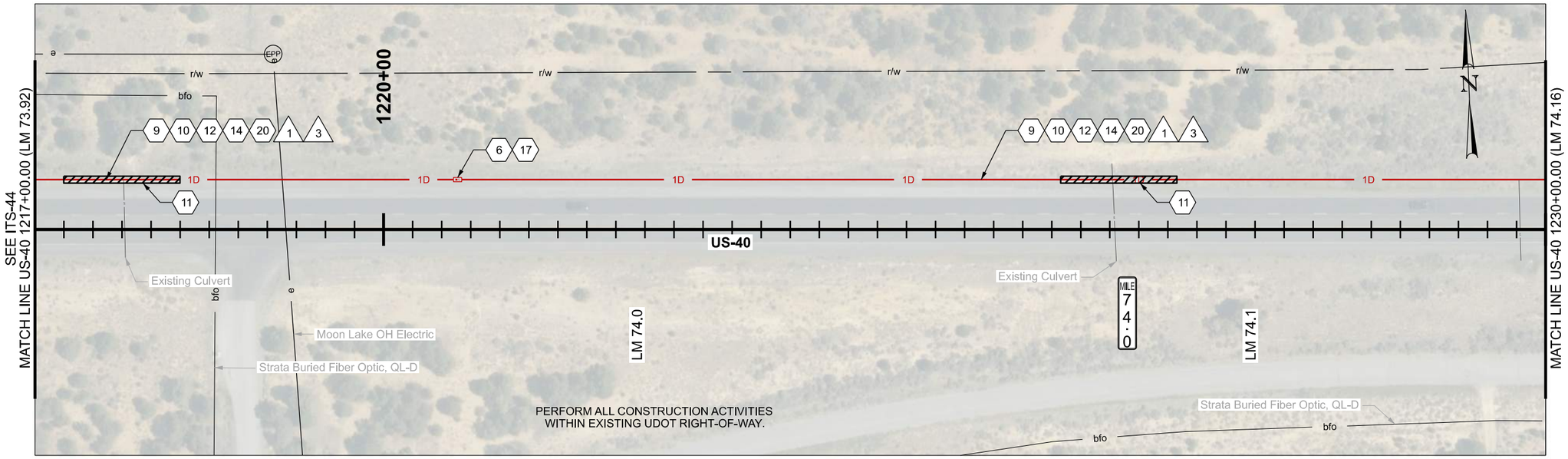
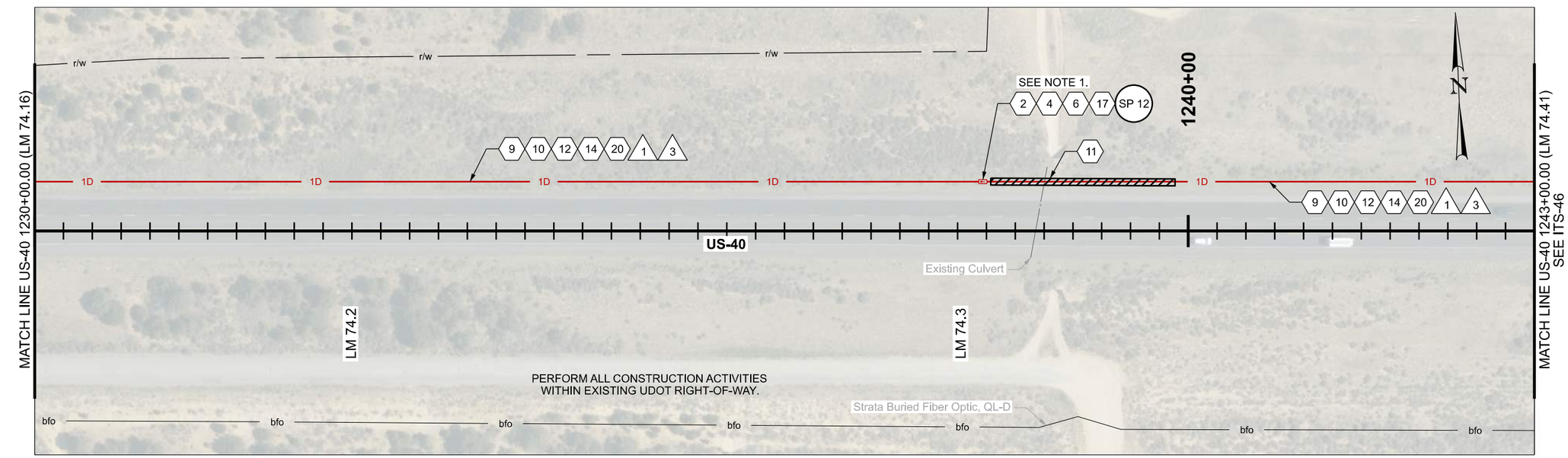
11/18/2025





ITS CONSTRUCTION NOTES:

- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REEL.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

SHEET NO. ITS-45

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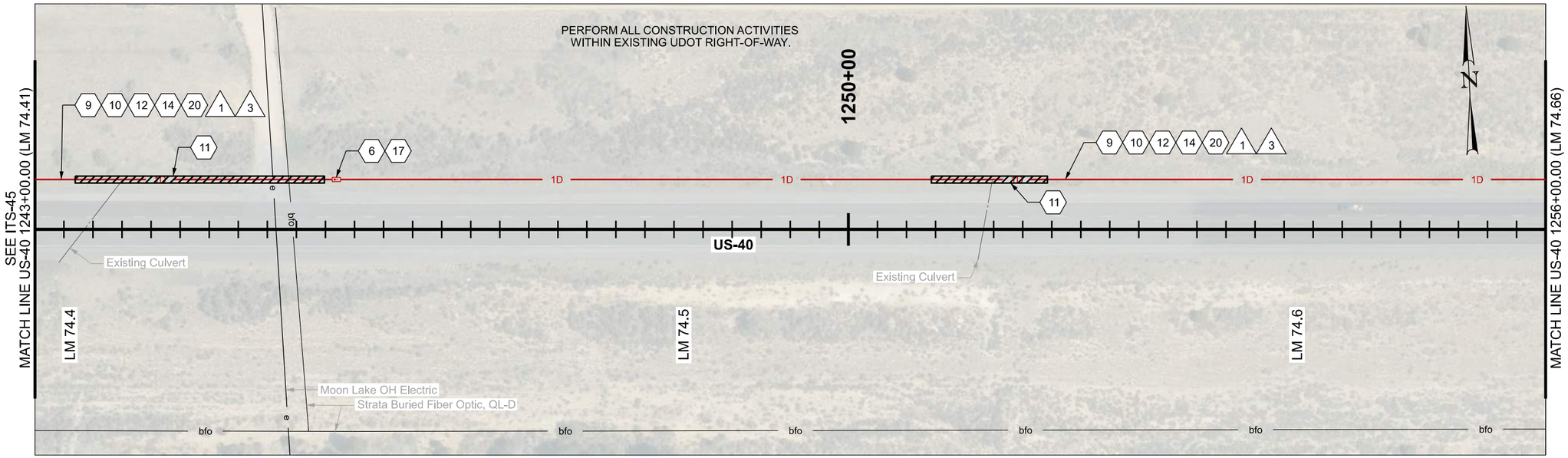
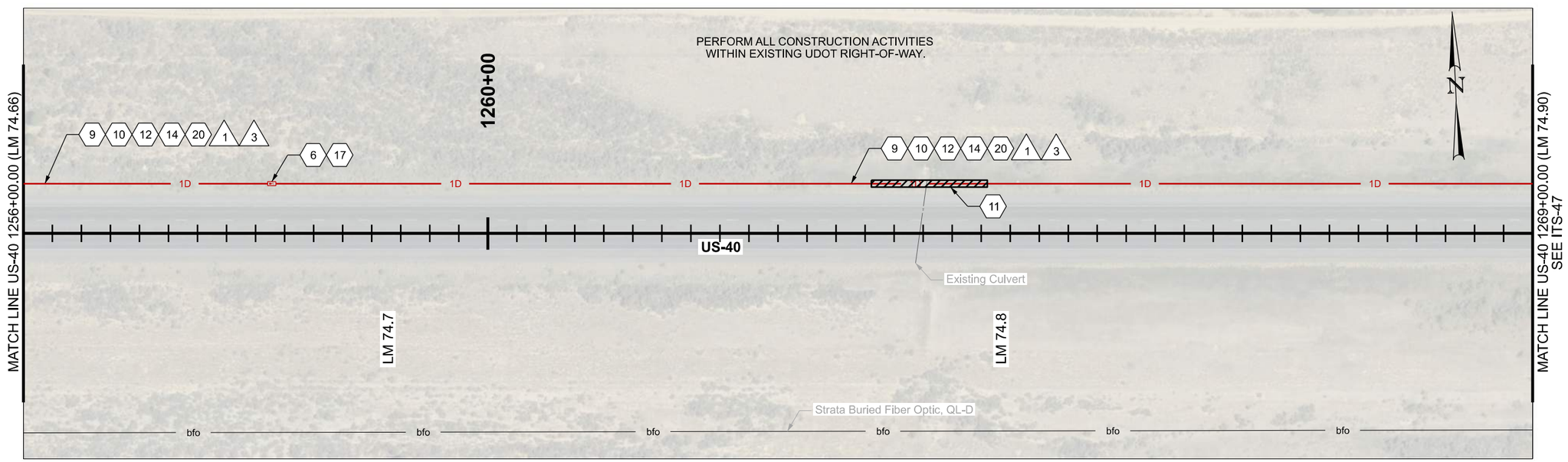
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

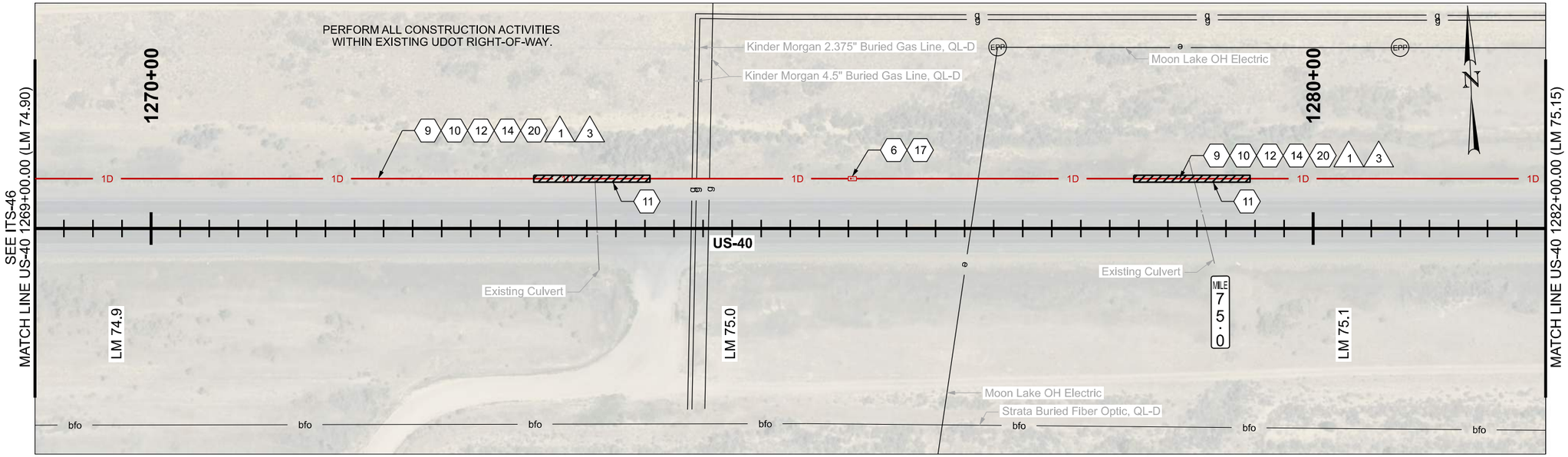
DRAWN BY DAG
QC CHECKED BY MGG
12/1/25
DATE
APPROVED
PROFESSIONAL ENGINEER

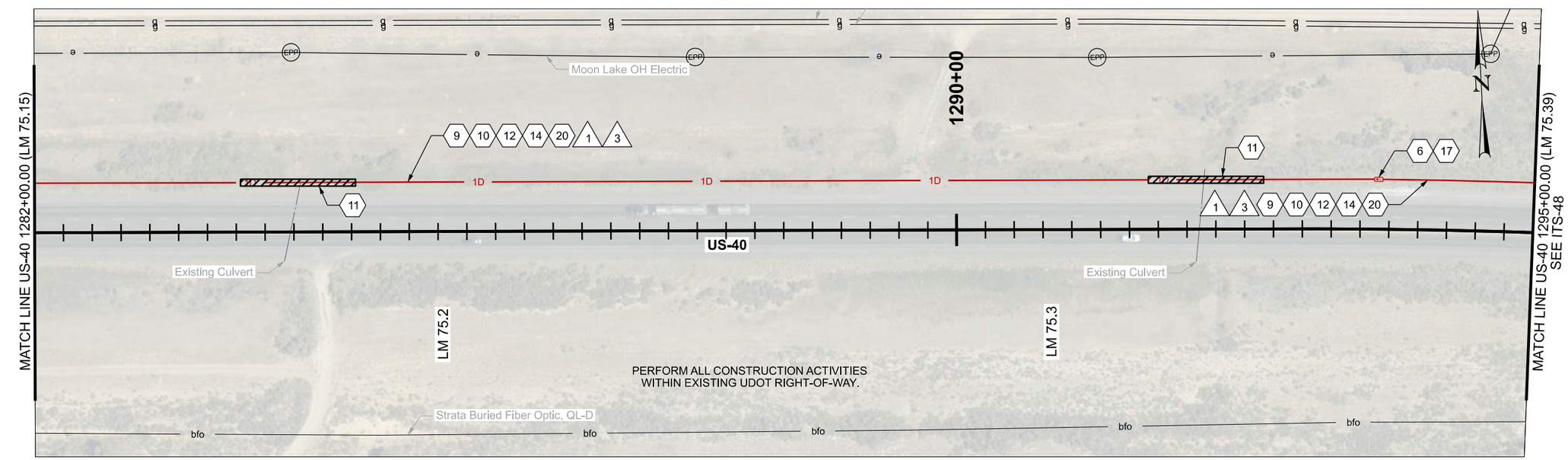
JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-46

22898_ITS-46.dgn
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

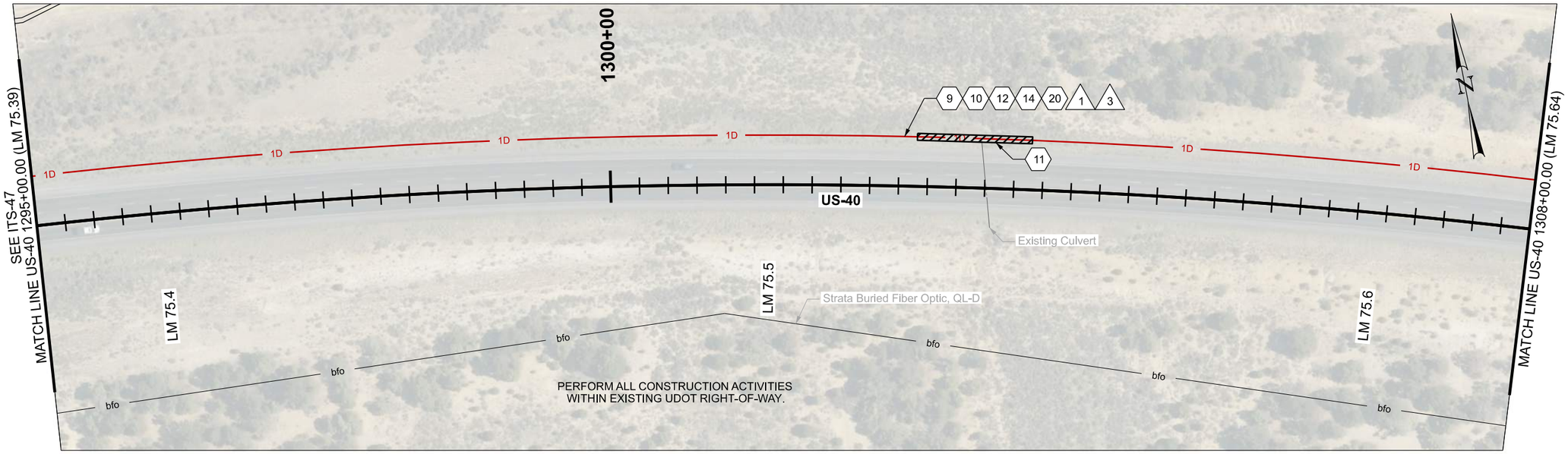
JURASSIC US-40 FIBER OPTICS
- SEGMENT B

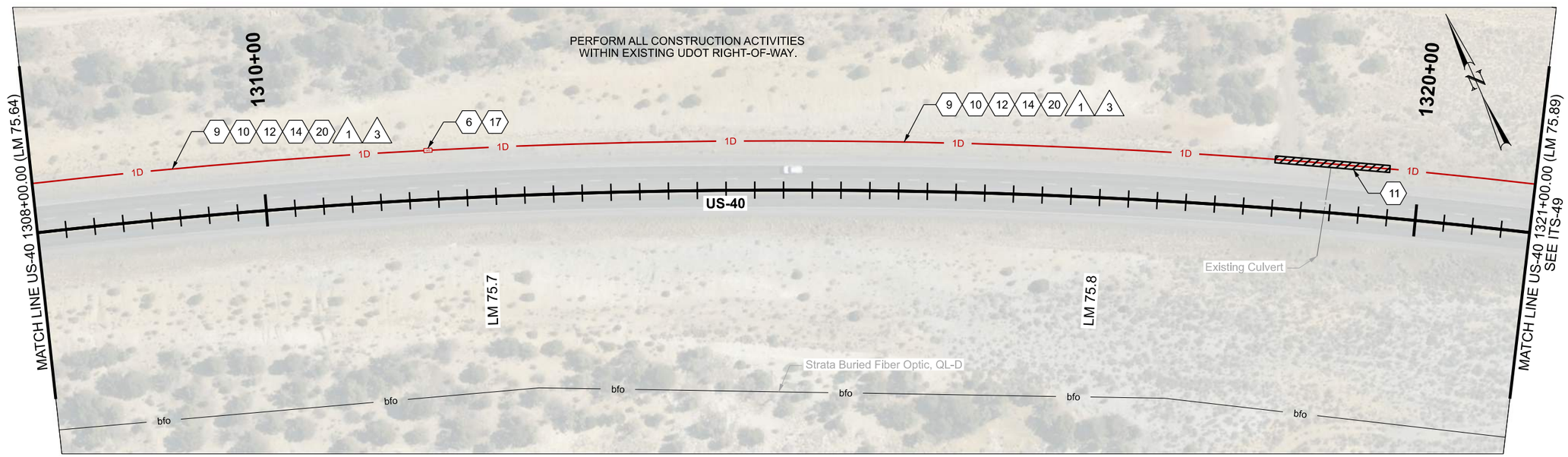
PROJECT
PROJECT NUMBER F-0040(249)51
PIN 22898

ITS

SHEET NO. ITS-47

22898_ITS-47.dgn
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D
- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

APPROVED
PROFESSIONAL ENGINEER

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

SHEET NO. ITS-48

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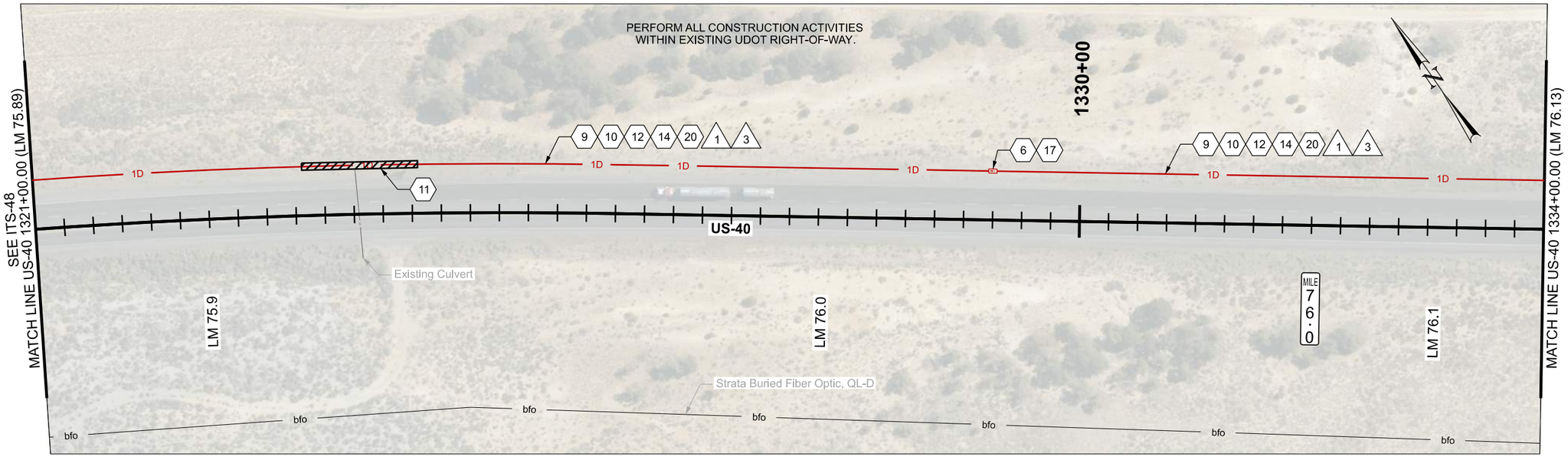
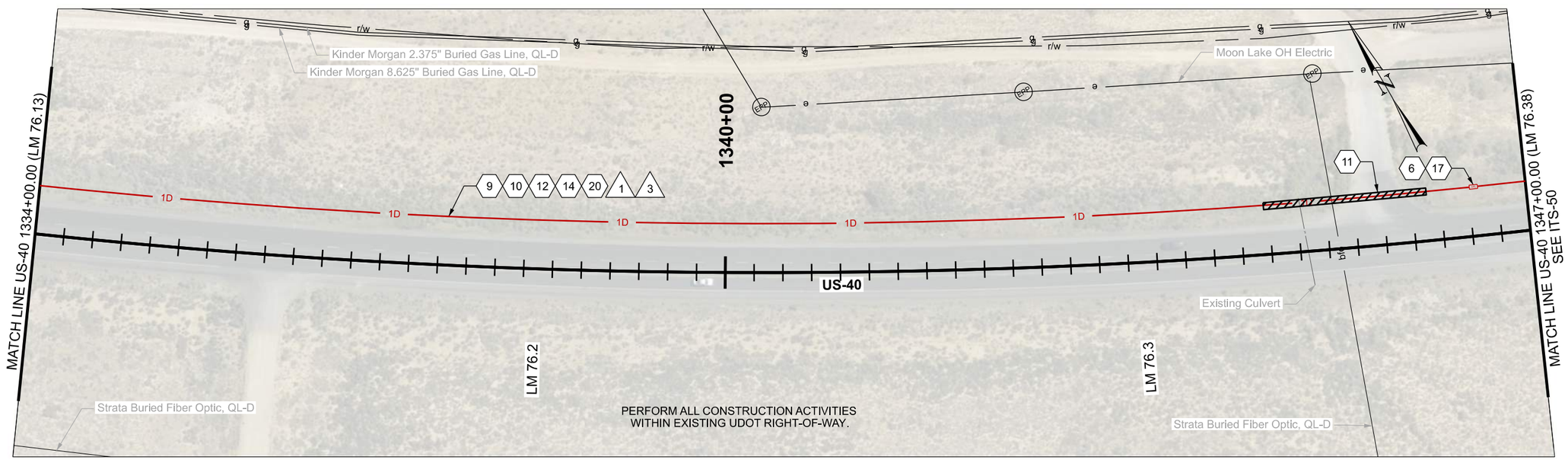
11/18/2025





ITS CONSTRUCTION NOTES:

- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D

ITS CONSTRUCTION NOTES:

- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-49

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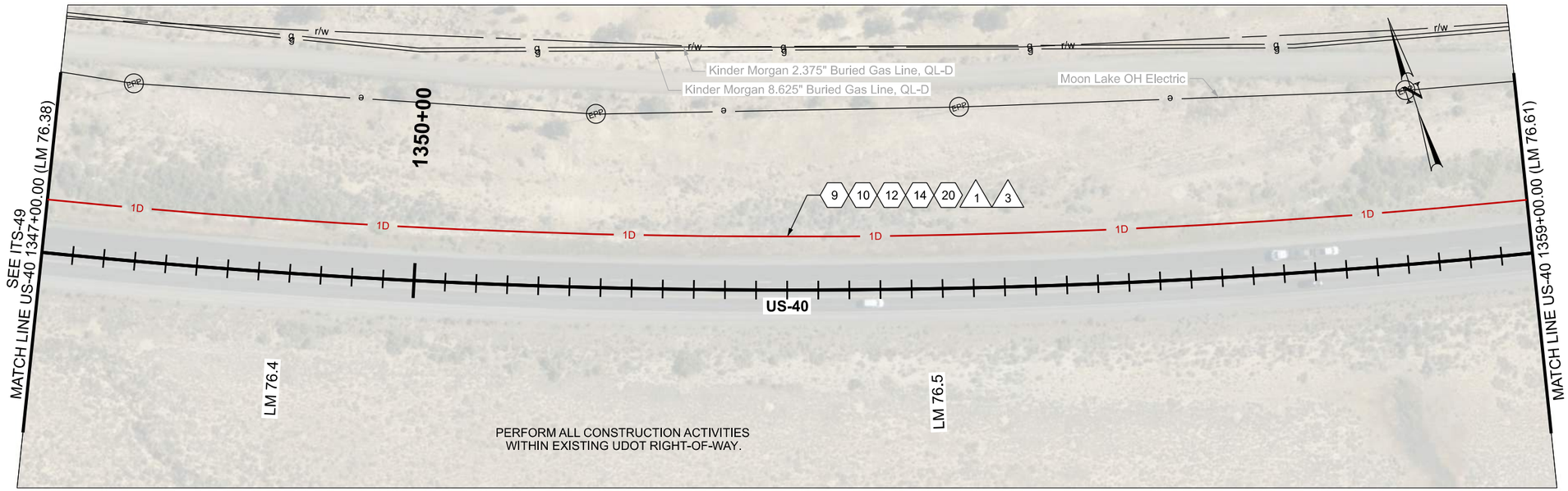
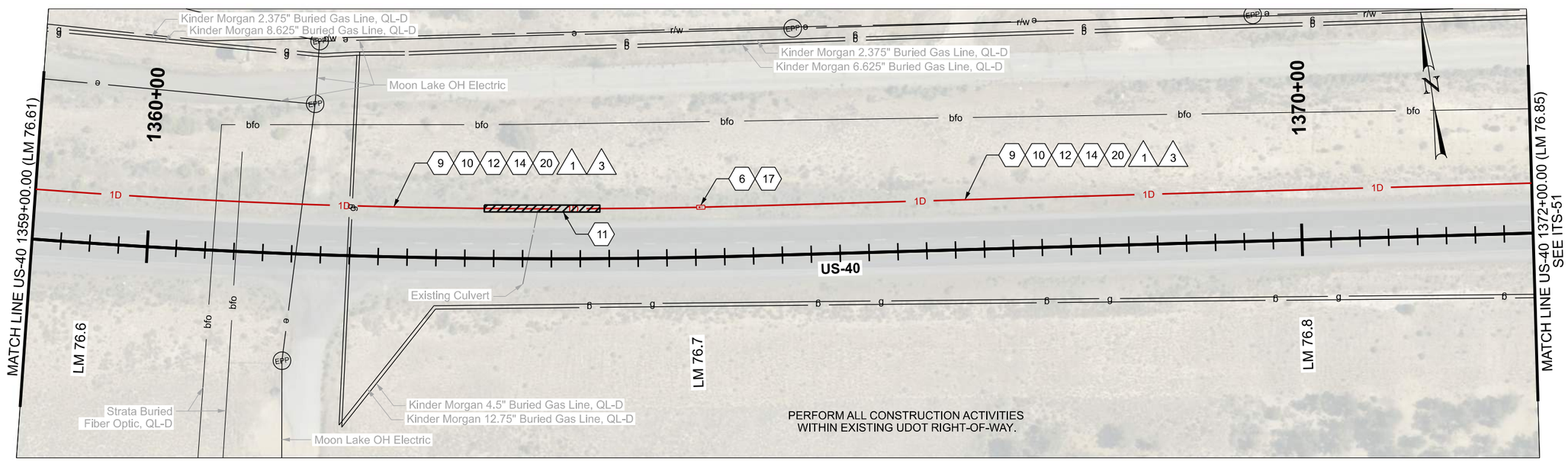
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D
- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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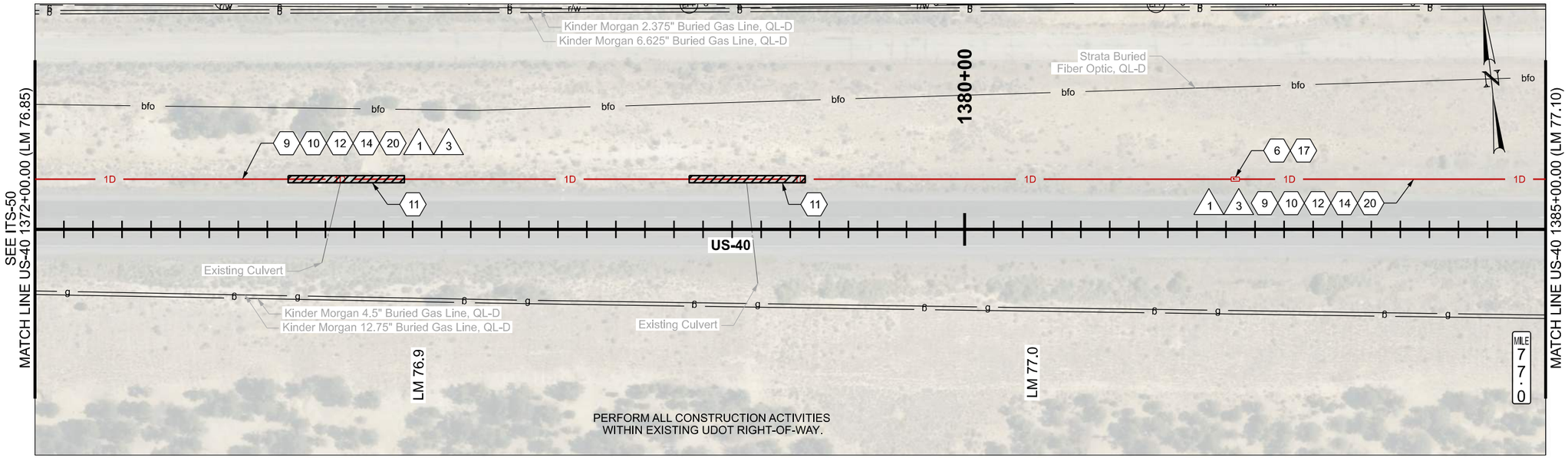
12/1/25
DATE
APPROVED
PROFESSIONAL ENGINEER

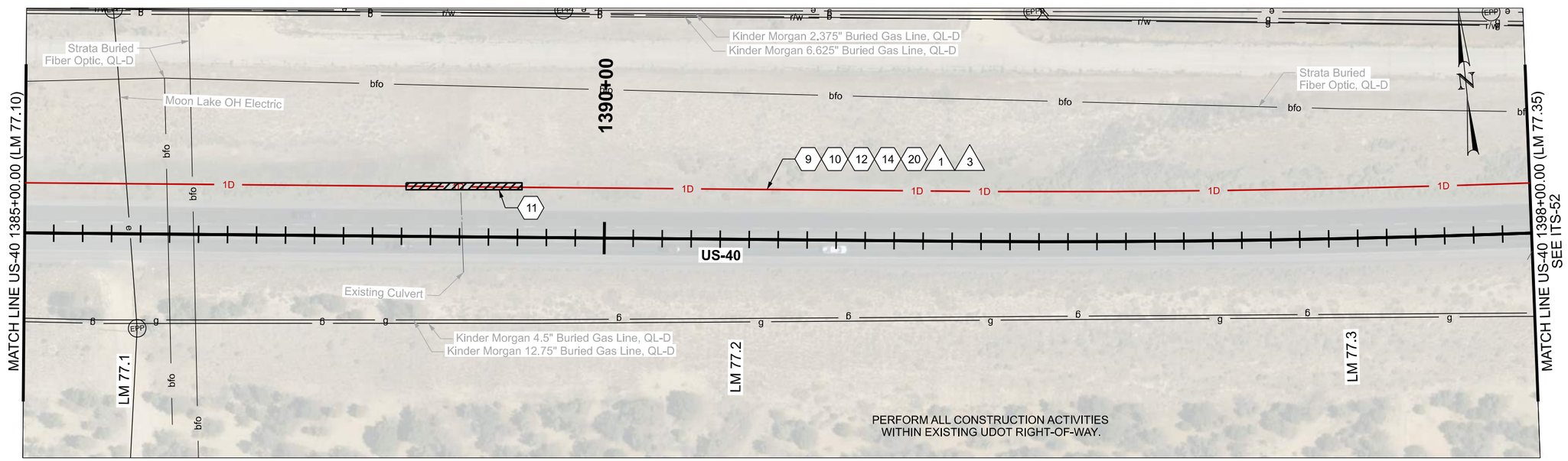
JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-50

22898_ITS-50.dgn
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (11) DIRECTIONAL BORE REQ'D
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

ITS

SHEET NO. ITS-51

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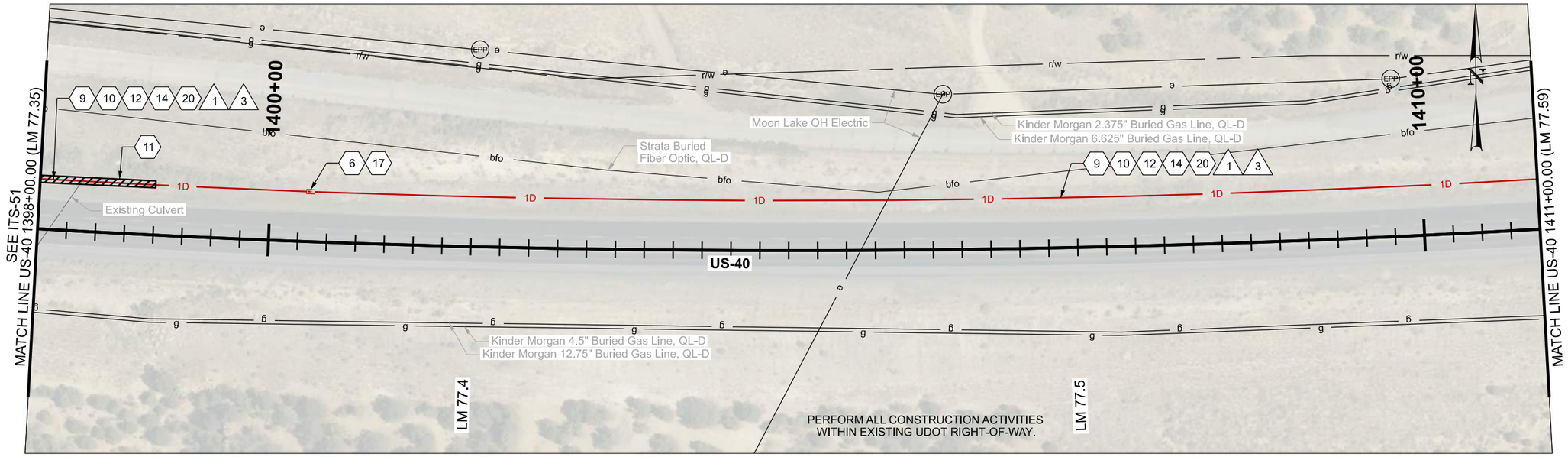
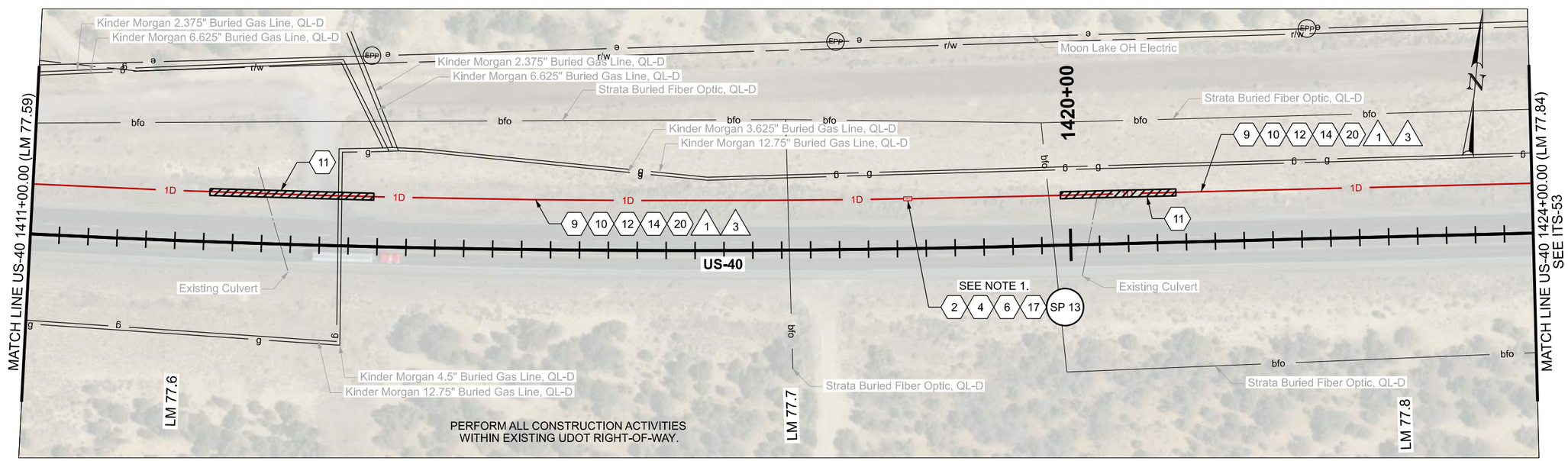
11/18/2025





ITS CONSTRUCTION NOTES:

- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REEL.

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

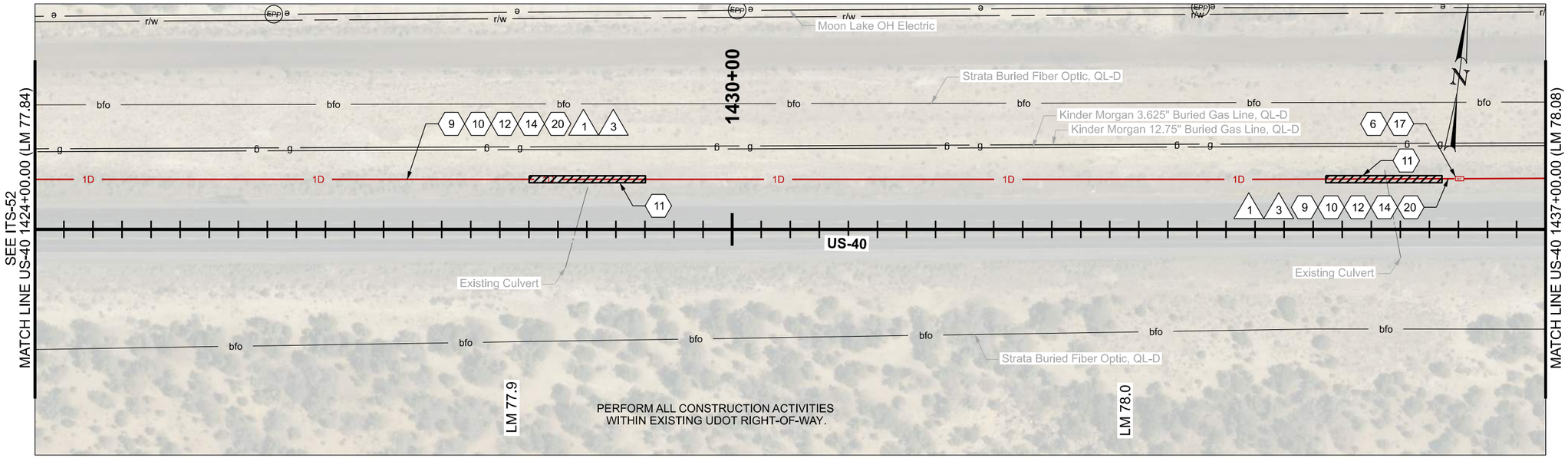
UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

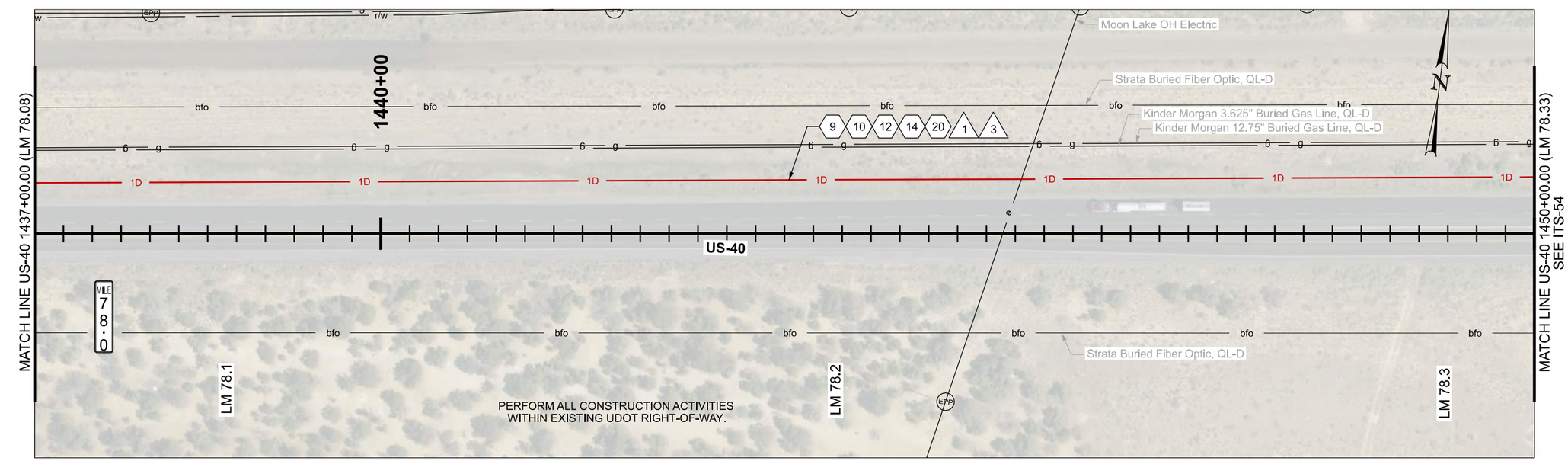
DRAWN BY DAG
QC CHECKED BY MGG
DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

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

SHEET NO. ITS-52

22898_ITS-52.dgn
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

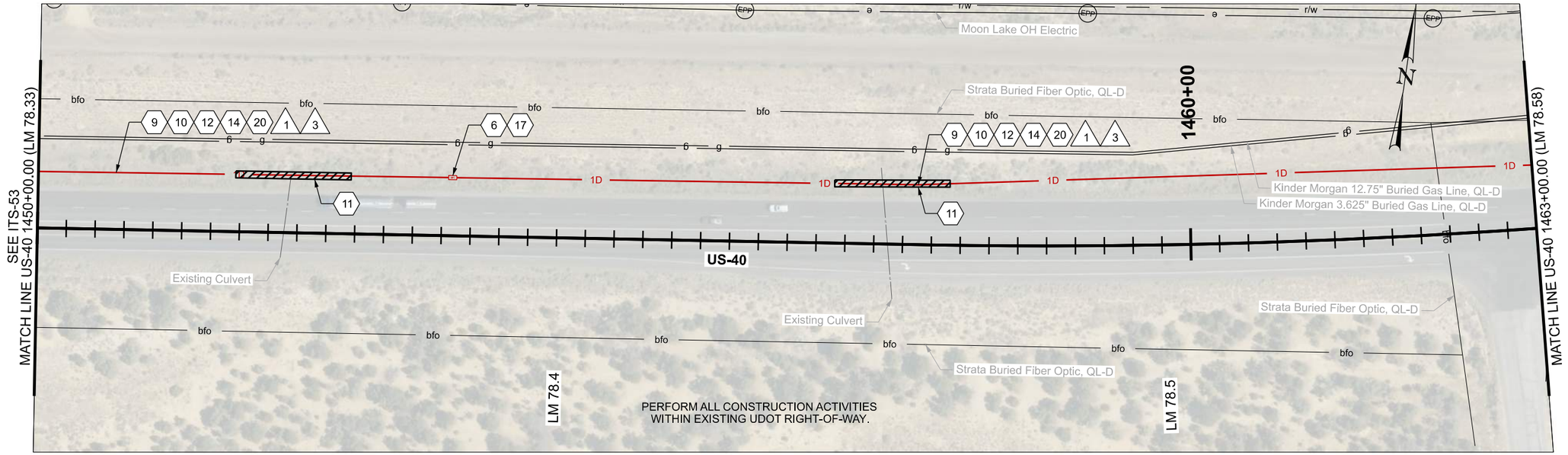
DRAWN BY DAG
QC CHECKED BY MGG
DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

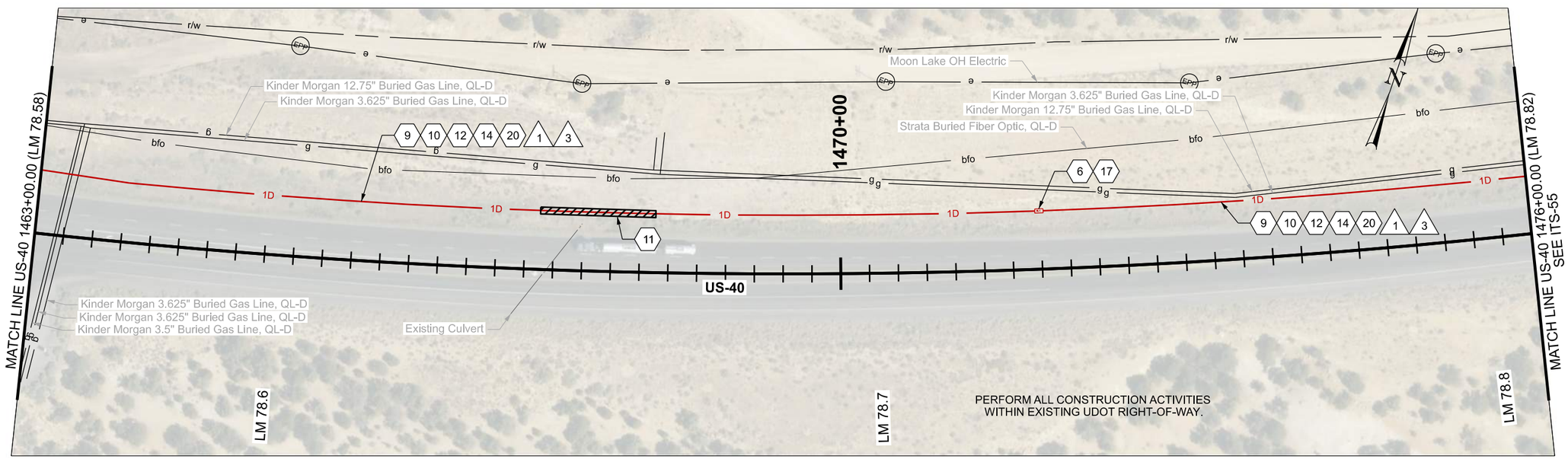
JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-53

22898_ITS-53.dgn
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

ITS

SHEET NO. ITS-54

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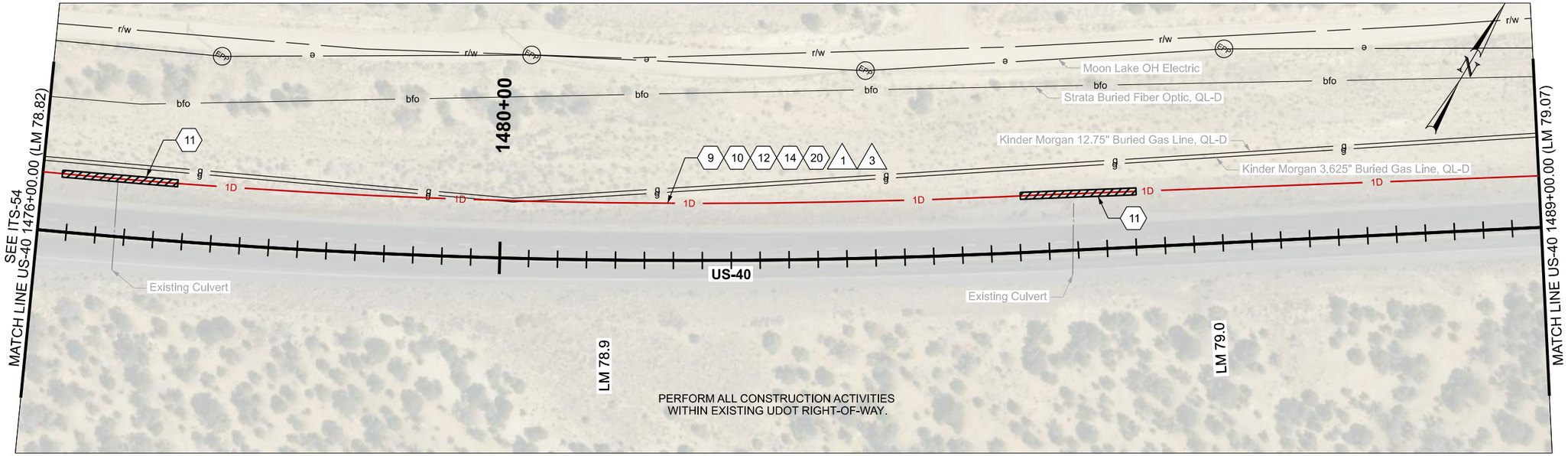
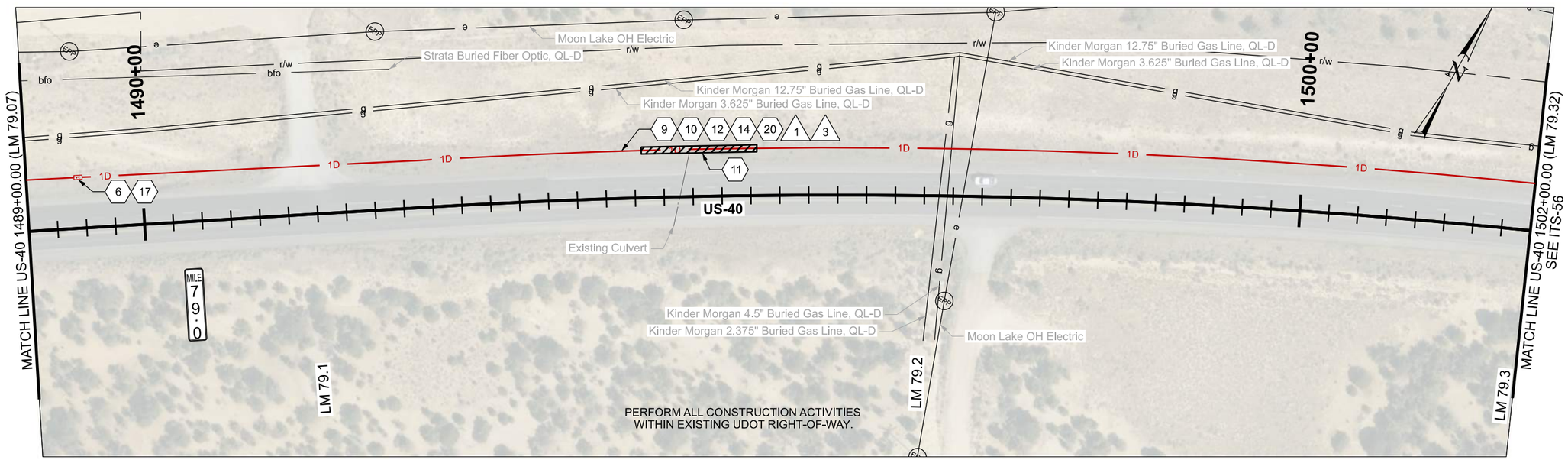
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-55

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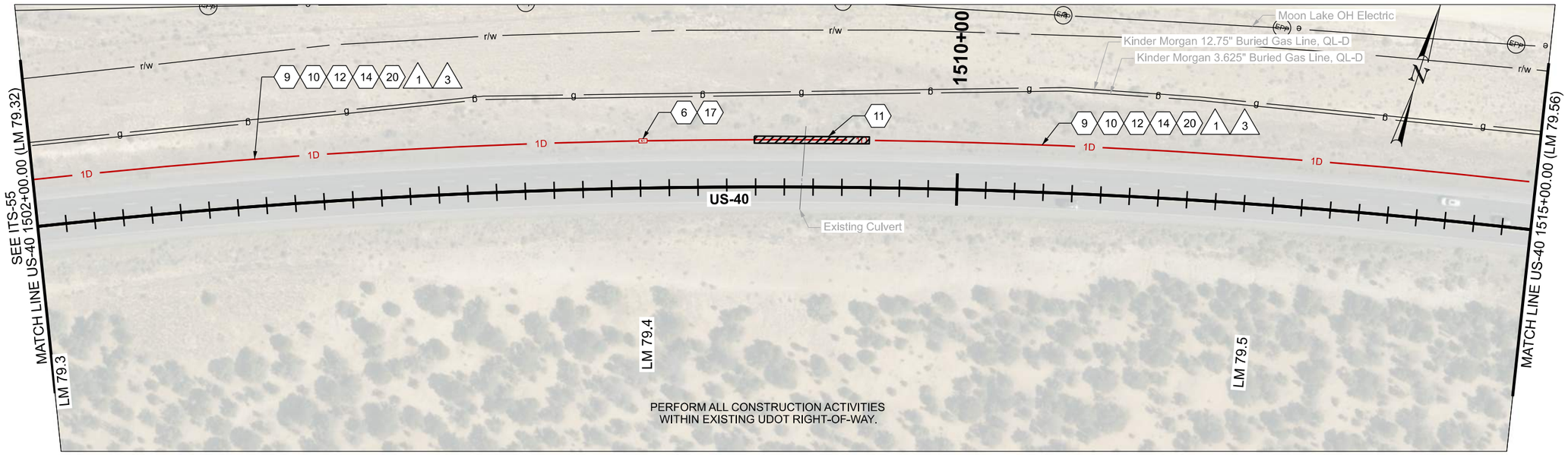
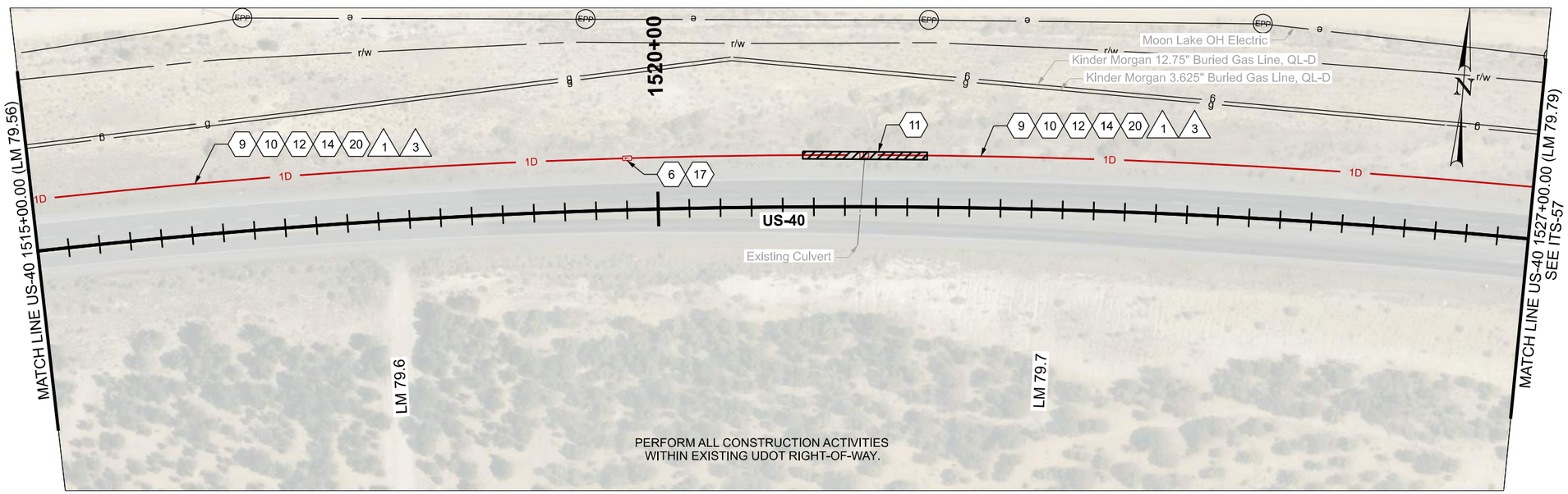
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

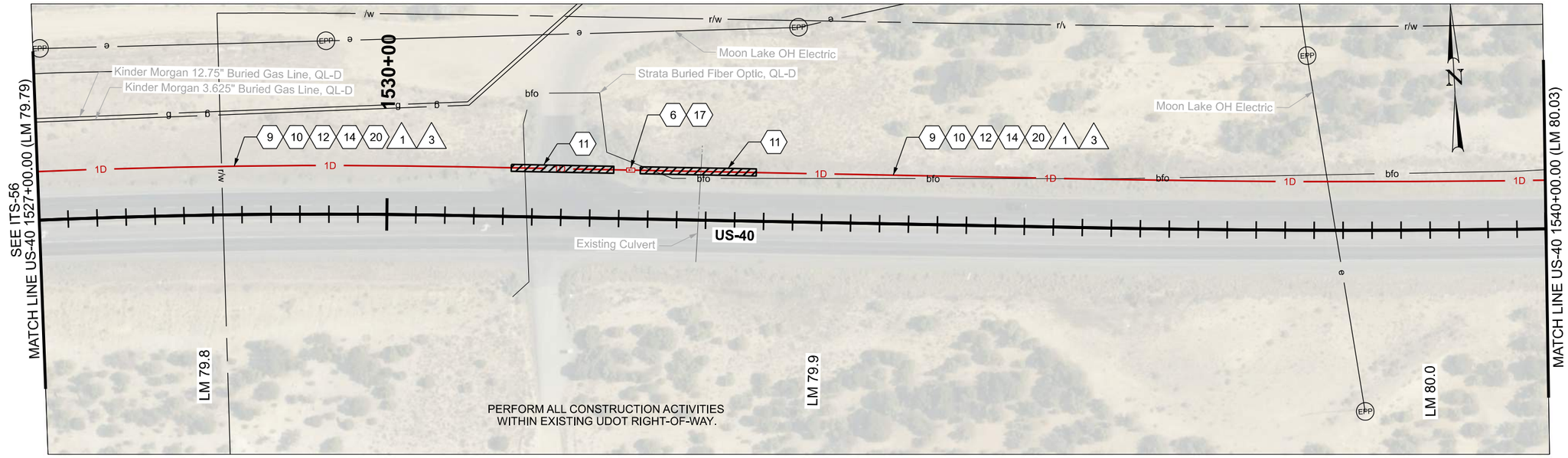
DRAWN BY DAG
QC CHECKED BY MGG
12/1/25
DATE
APPROVED
PROFESSIONAL ENGINEER

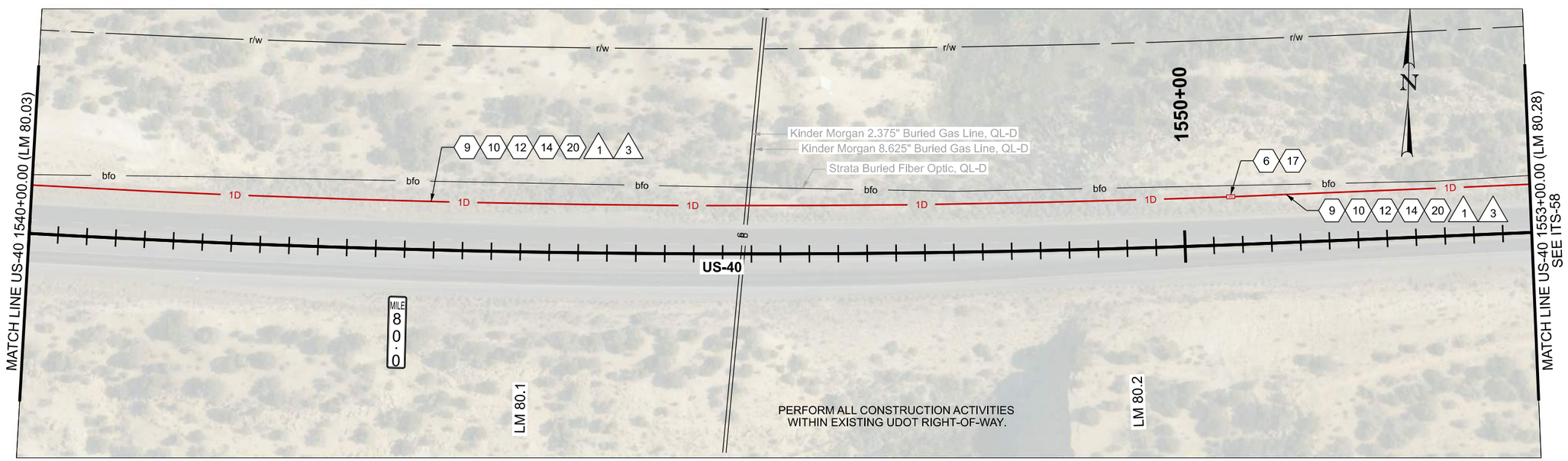
JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-56

22898_ITS-56.dgn
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D

ITS CONSTRUCTION NOTES:

- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-57

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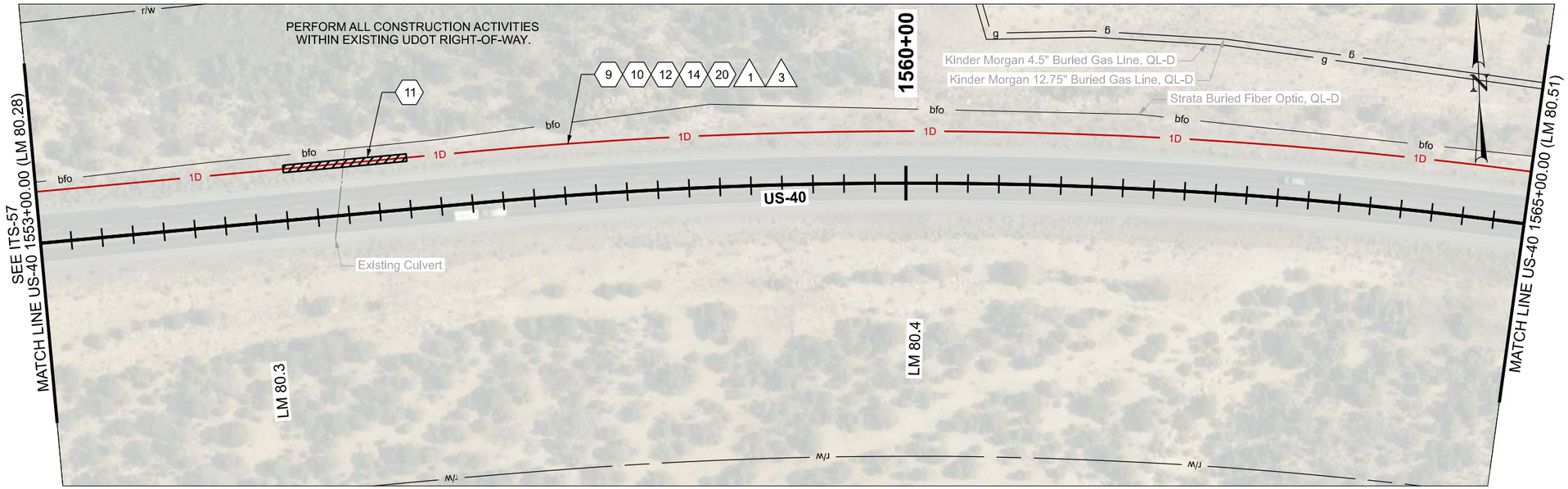
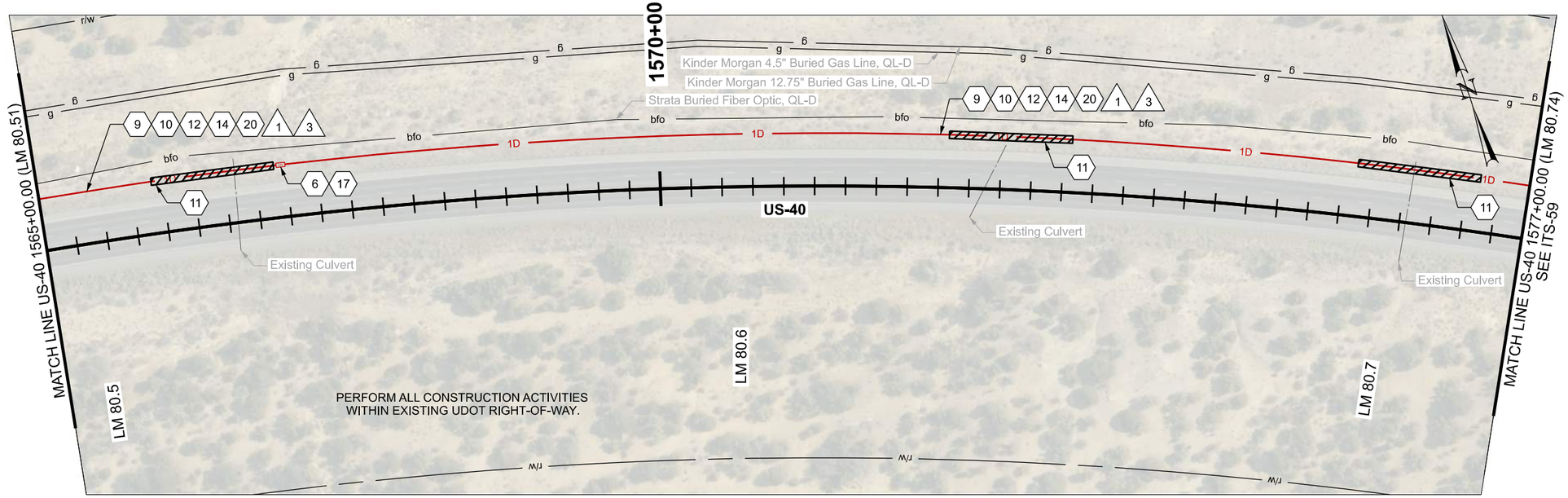
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D
- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-58

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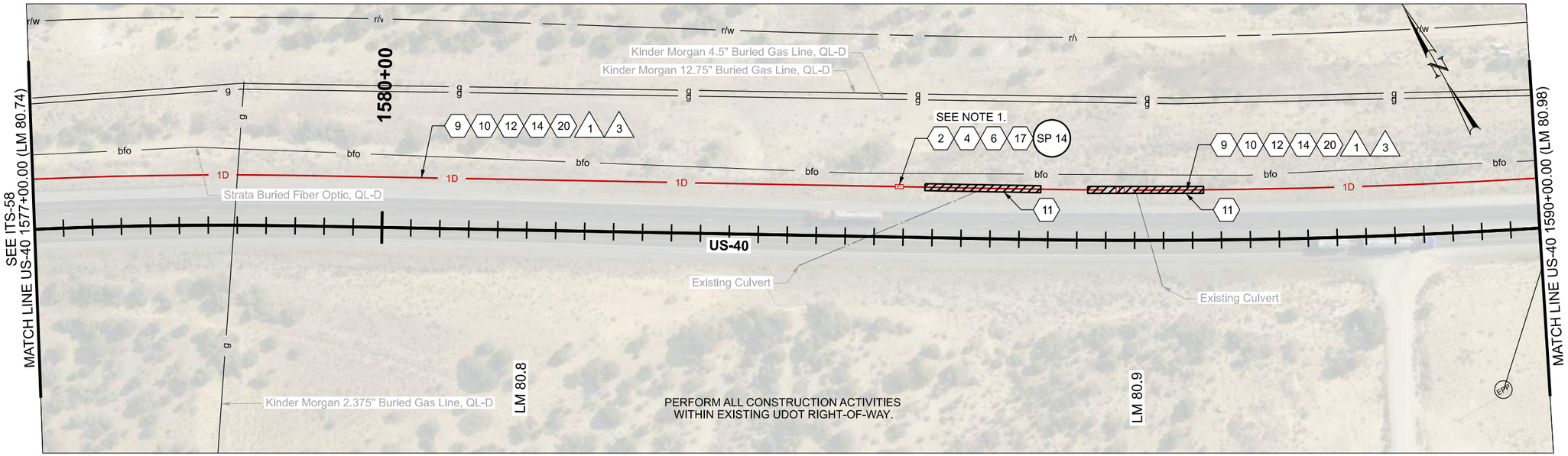
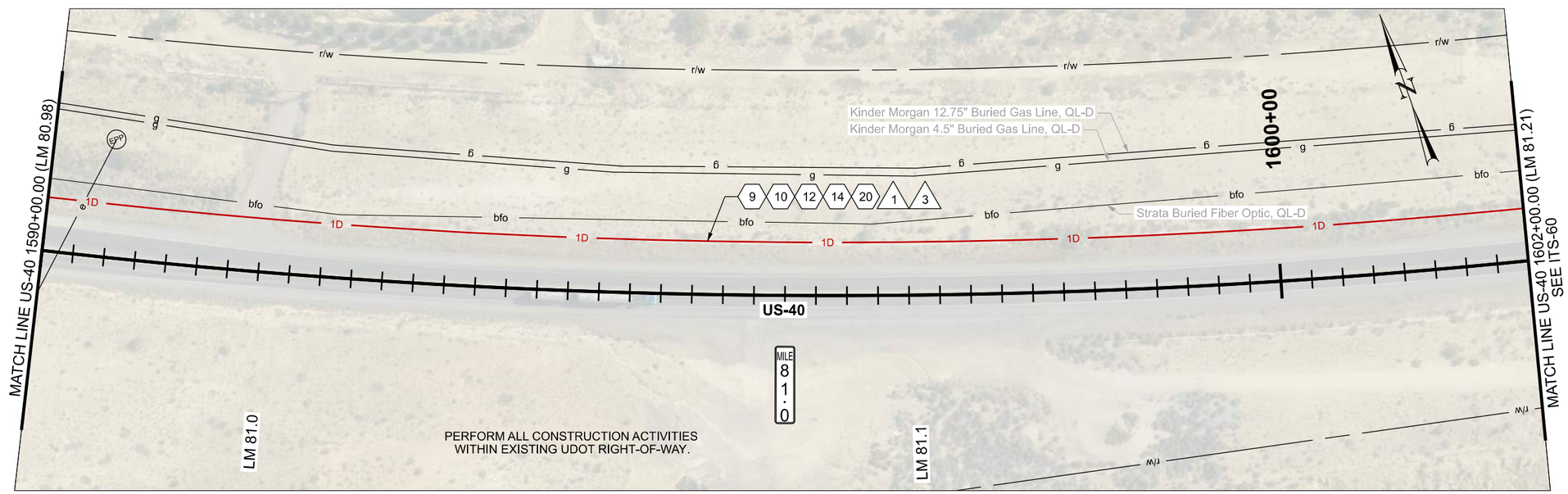
11/18/2025





ITS CONSTRUCTION NOTES:

- (2) FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
- (4) FUSION SPLICE REQ'D
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

NOTES:

1. PERFORM FULL BUTT SPLICE OF FIBER REEL.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-59

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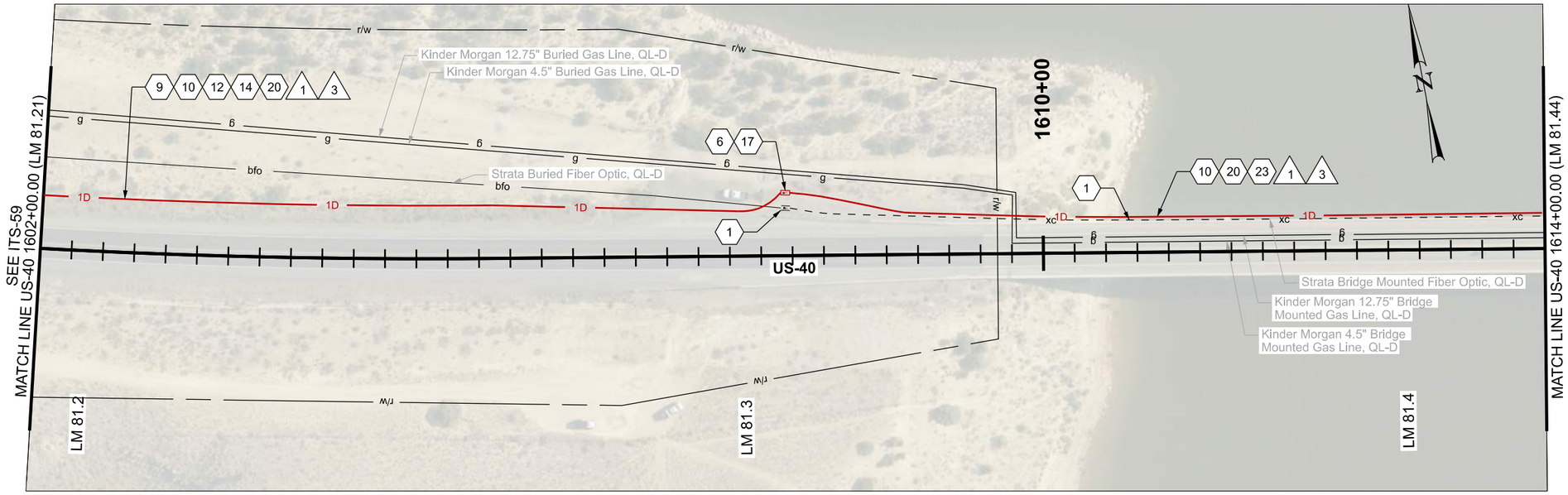
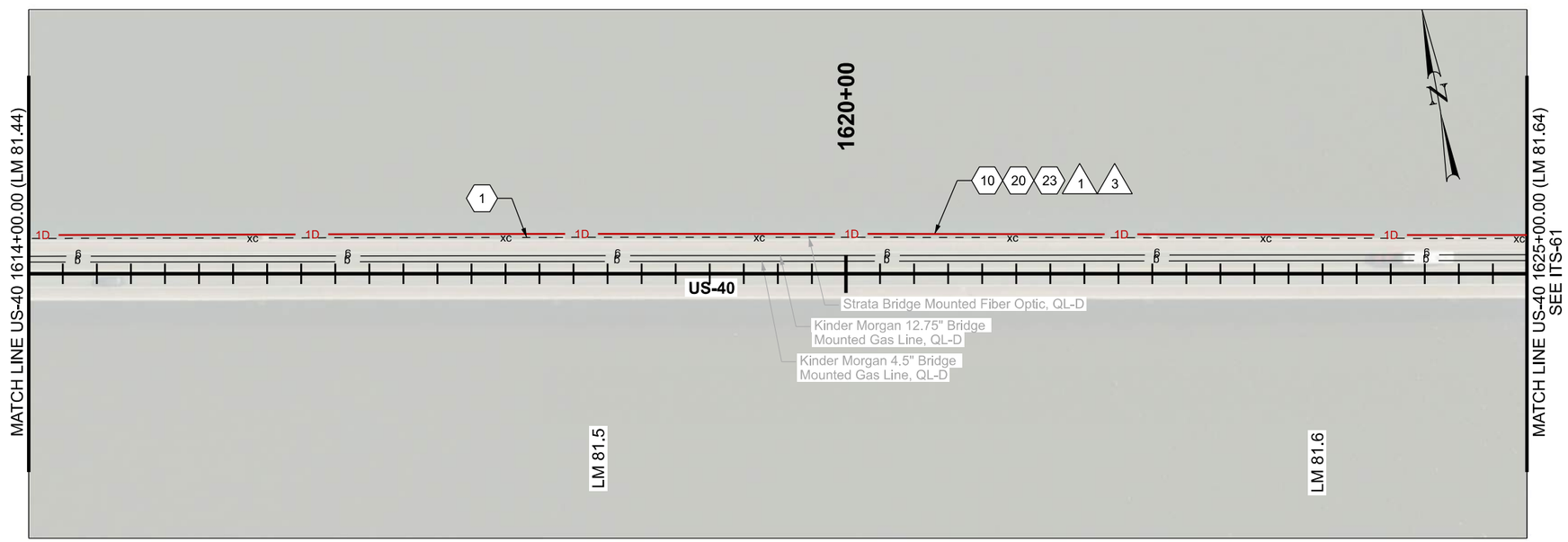
11/18/2025





ITS CONSTRUCTION NOTES:

- (1) PROTECT IN PLACE
- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D

ITS CONSTRUCTION NOTES:

- (20) 1D CONDUIT
- (23) BRIDGE ATTACHED CONDUIT REQ'D

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-60

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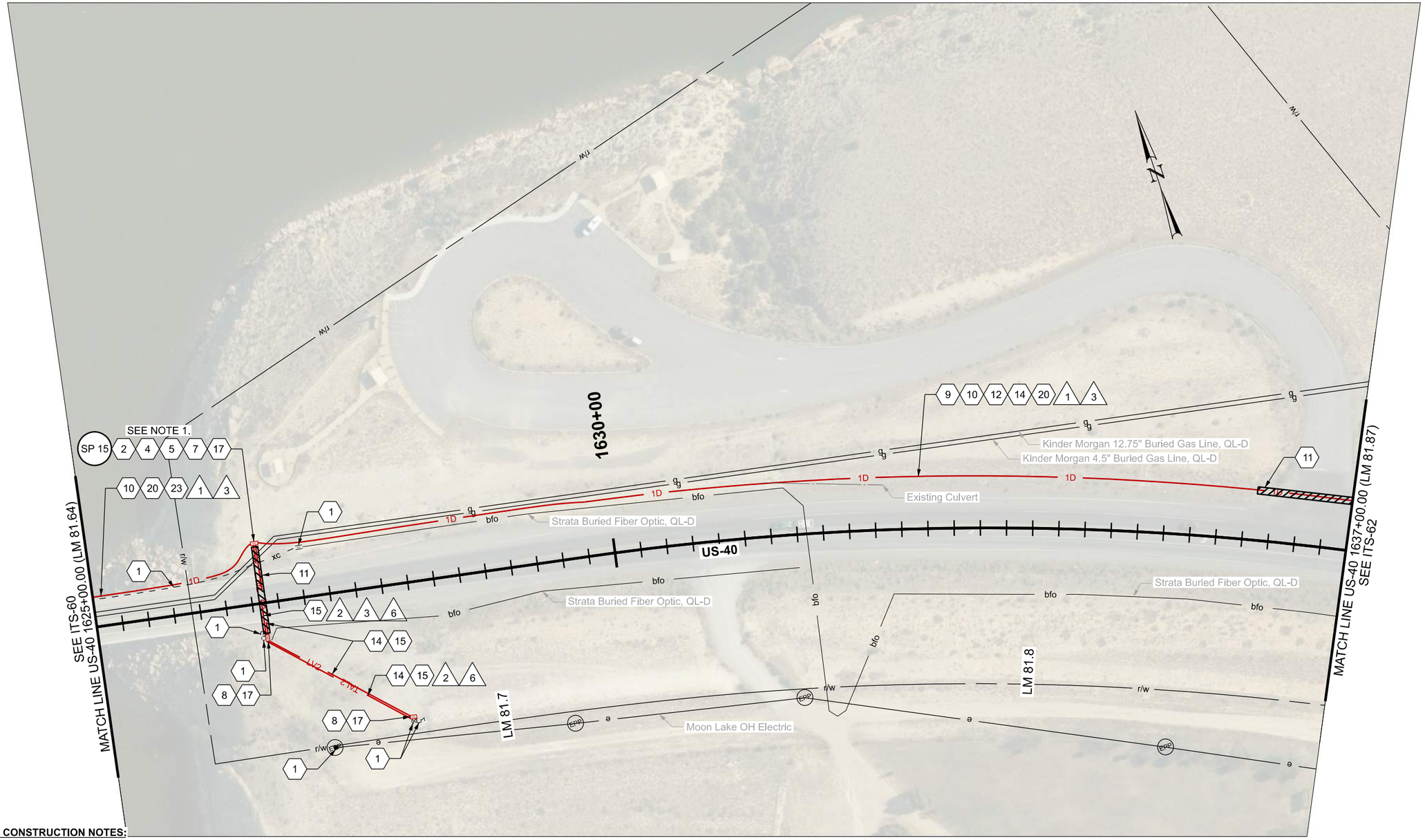
11/18/2025



ITS CONSTRUCTION NOTES:

1. PROTECT IN PLACE
2. FIBER OPTIC CABLE SPLICE ENCLOSURE REQ'D
4. FUSION SPLICE REQ'D
5. 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.
7. PROVIDE 65 FT OF DROP CABLE SLACK IN JUNCTION BOX FOR SPLICING PURPOSES
8. PROVIDE 15 FT OF DROP CABLE SLACK FOR DEVICE CABINET PURPOSES. EXCESS CABLE SLACK IS TO BE STORED IN NEAREST JUNCTION BOX AND IS IN ADDITION TO ALL OTHER SPECIFIED SLACK.
9. INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
10. INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
11. DIRECTIONAL BORE REQ'D
12. PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
14. INSTALL STATE FURNISHED CONDUIT REQ'D
15. TAL2 CONDUIT
17. INSTALL STATE FURNISHED JUNCTION BOX REQ'D
20. 1D CONDUIT
23. BRIDGE ATTACHED CONDUIT REQ'D

ITS WIRE SCHEDULE SUMMARY

NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
2	6 STRAND PRE-TERMINATED DROP CABLE UNIT REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D
6	24 STRAND PRE-TERMINATED DROP CABLE UNIT REQ'D

NOTES:

1. SEE 22900_JURASSIC_US-40_FIBER_OPTICS - SEGMENT_D FOR DETAILS ON PROPOSED WIFI HOTSPOT SITE USING DEDICATED 24-SMF DROP.

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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12/1/25
DATE
APPROVED
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

PIN 22898
F-0040(249)51

PROJECT
PROJECT NUMBER
ITS

SHEET NO. ITS-61

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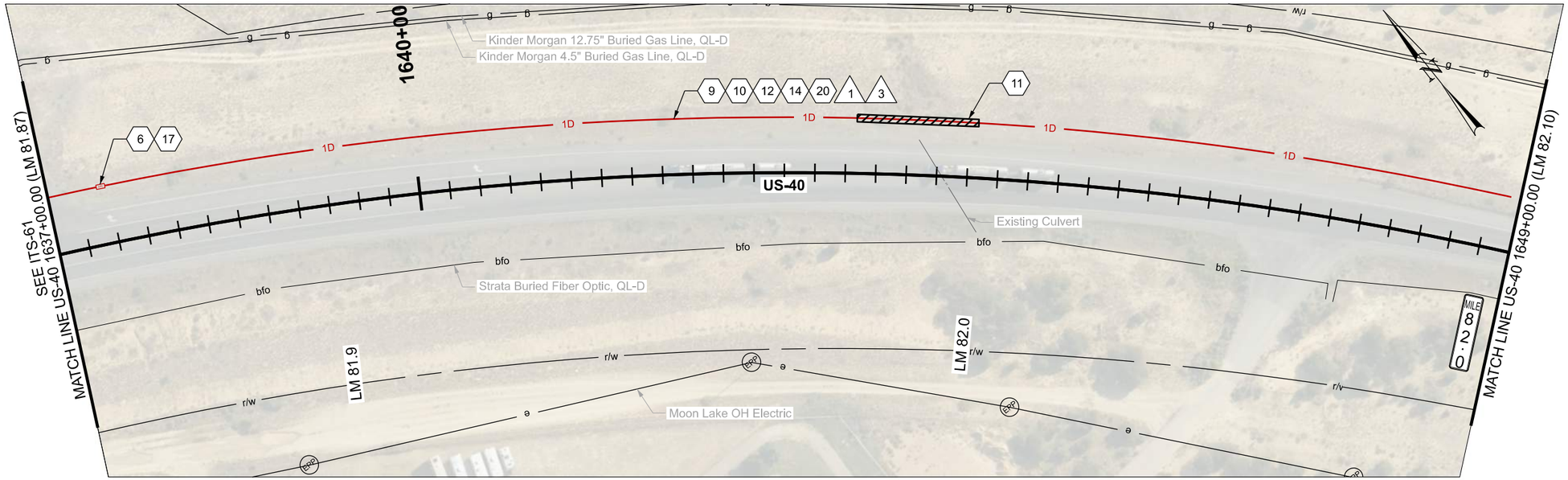
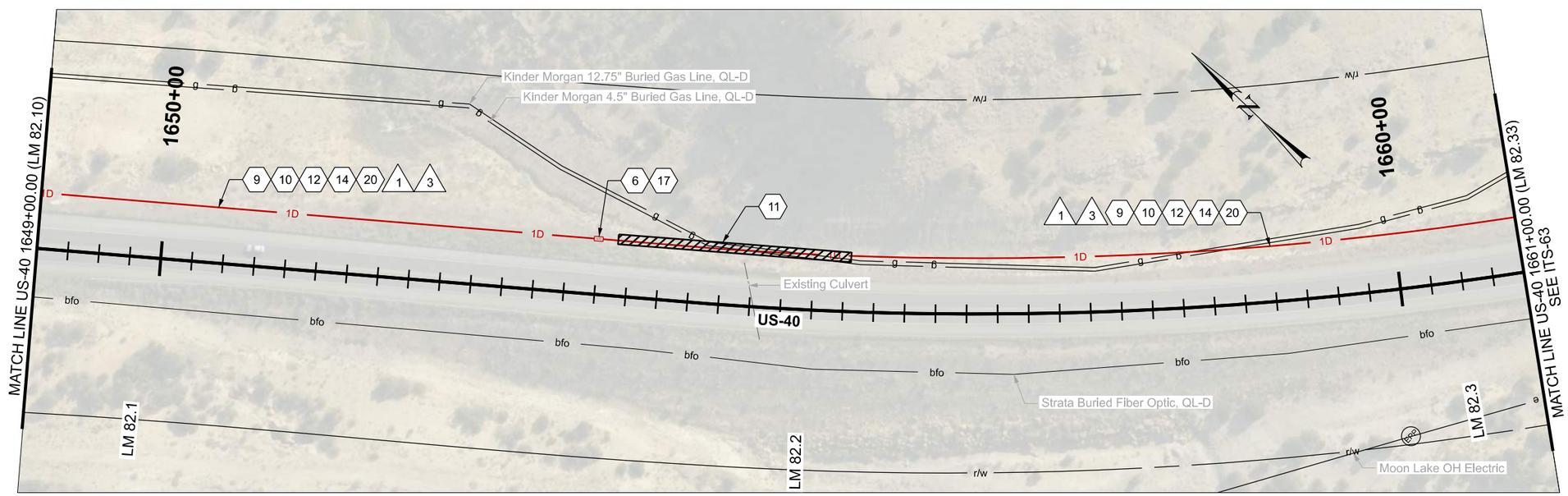
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D
- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

DRAWN BY DAG
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DATE
APPROVED
PROFESSIONAL ENGINEER

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

ITS

SHEET NO. ITS-62

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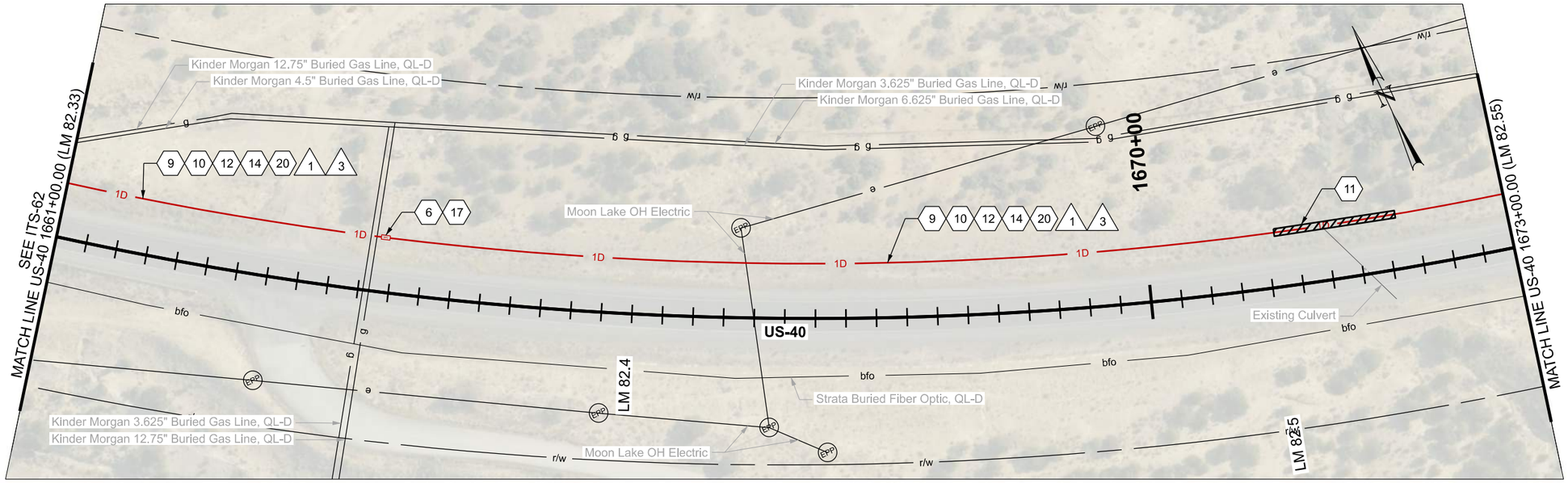
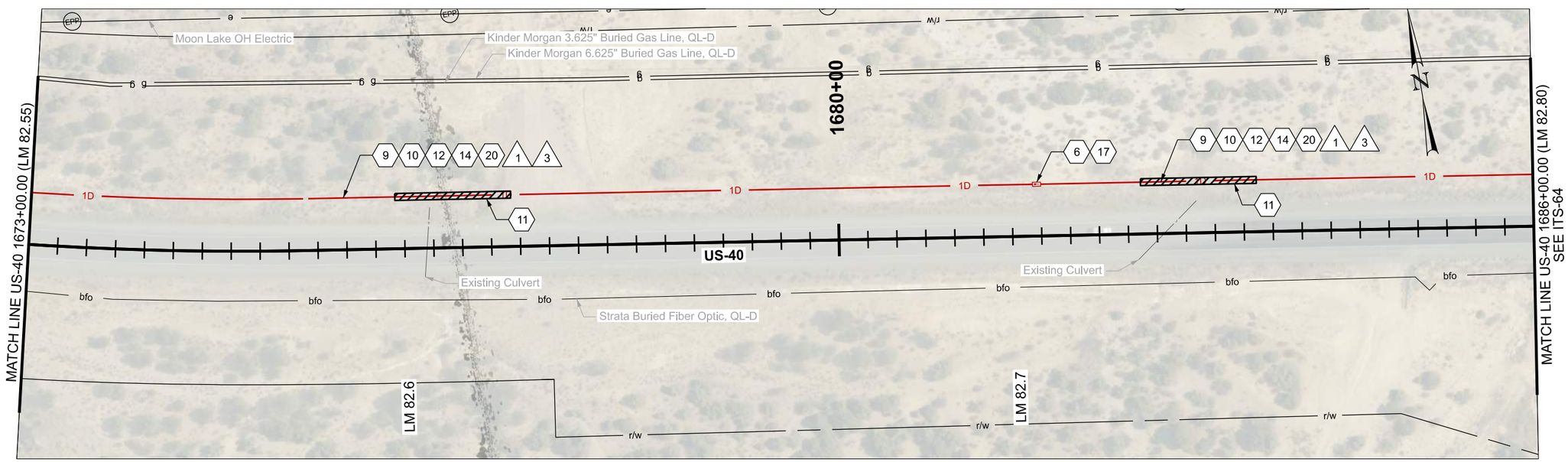
11/18/2025





ITS CONSTRUCTION NOTES:

- 6 PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- 9 INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- 10 INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- 11 DIRECTIONAL BORE REQ'D
- 12 PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- 14 INSTALL STATE FURNISHED CONDUIT REQ'D
- 17 INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- 20 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-63

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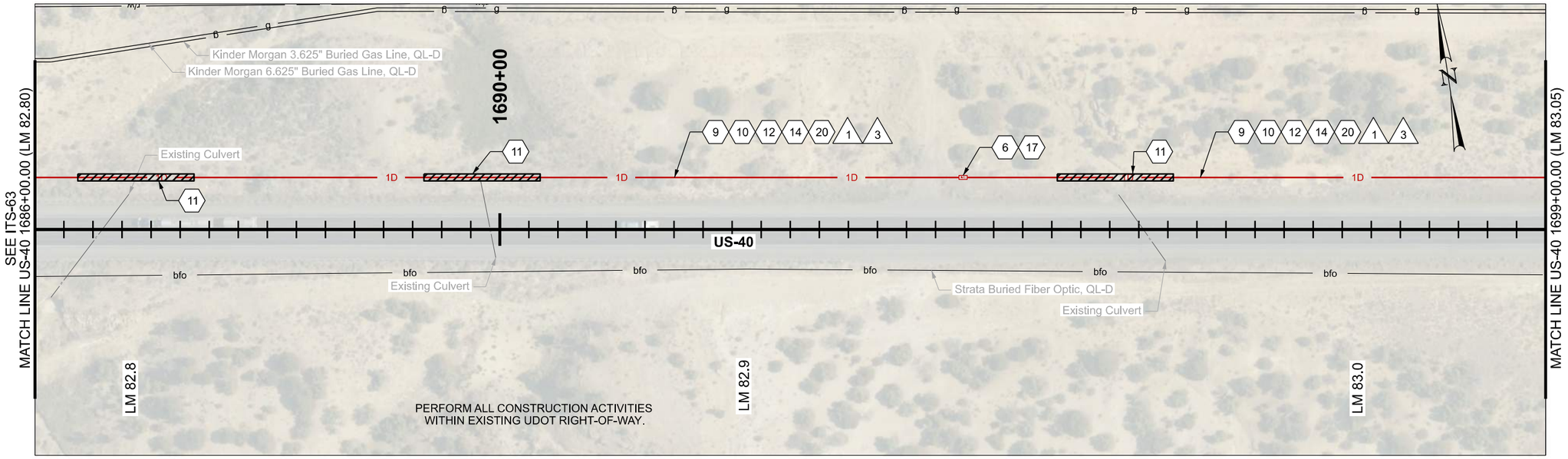
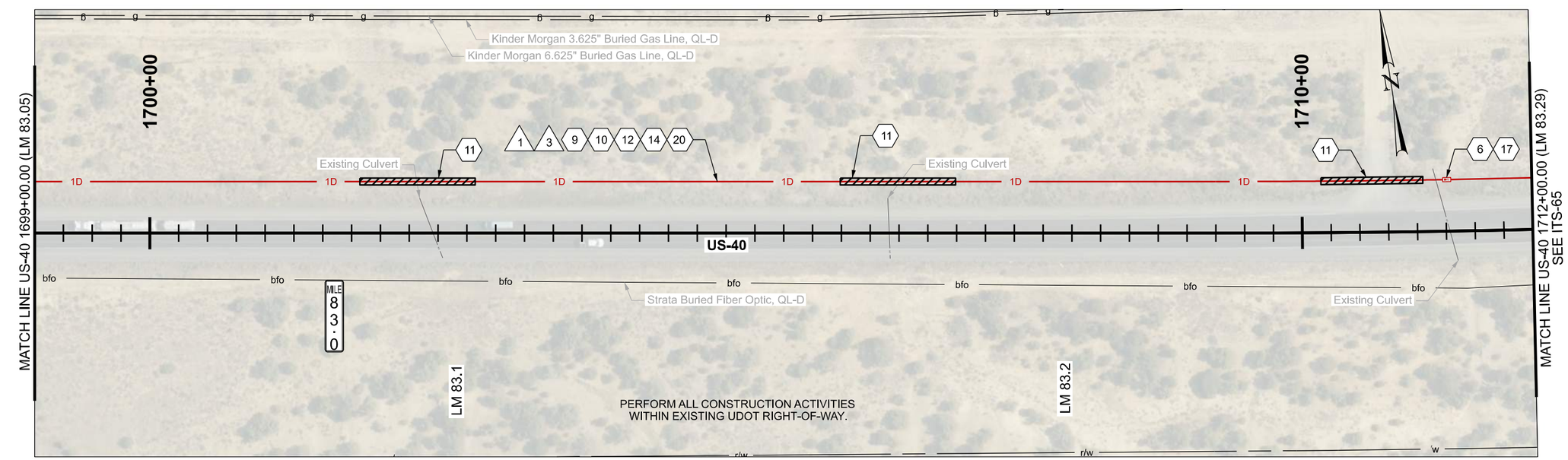
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-64

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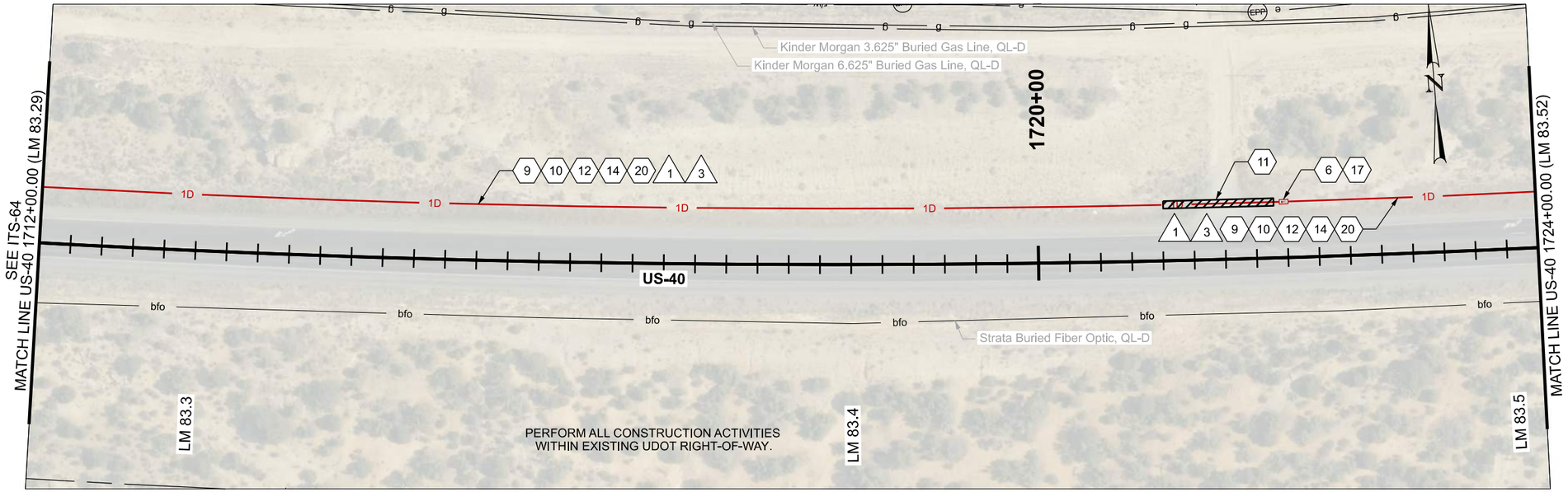
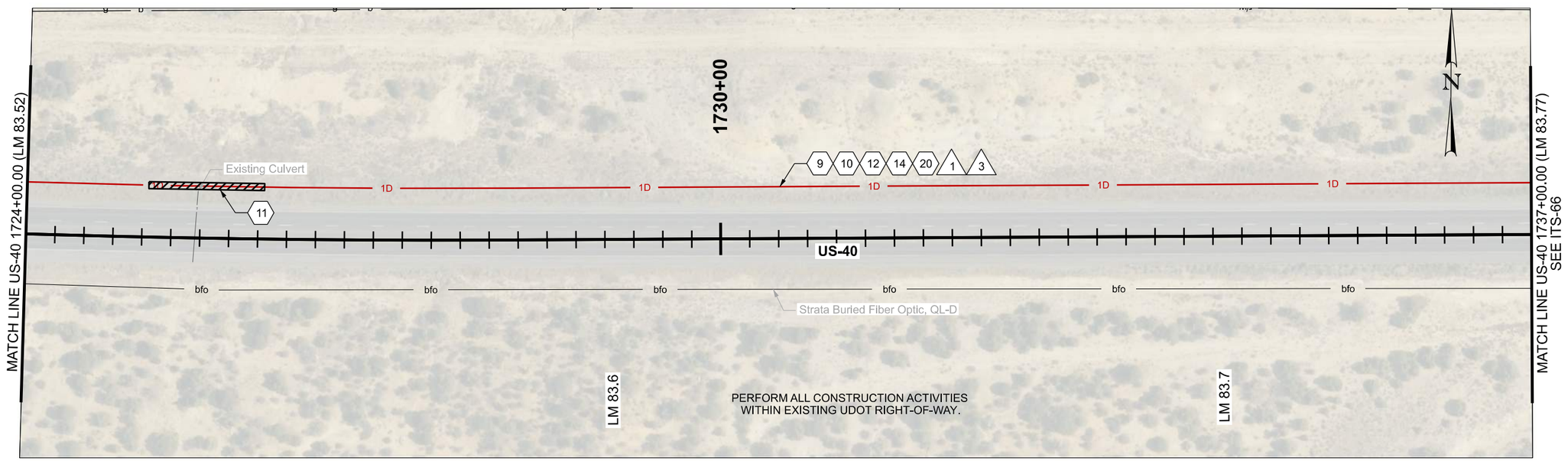
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY

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

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

PIN 22898
F-0040(249)51
ITS

PROJECT
PROJECT NUMBER

SHEET NO. ITS-65

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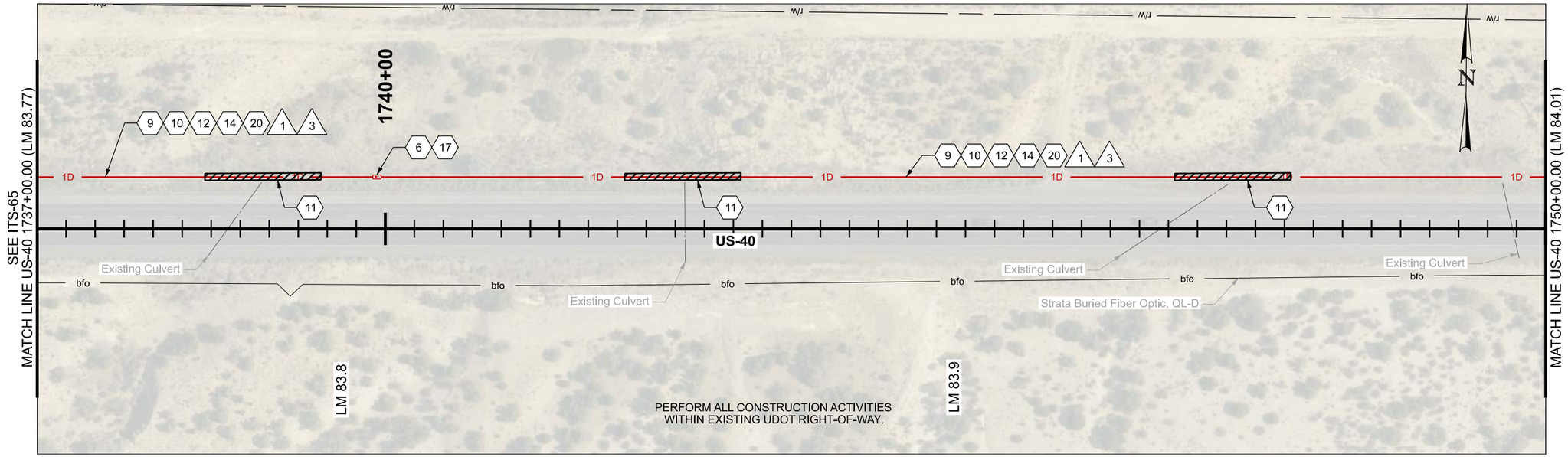
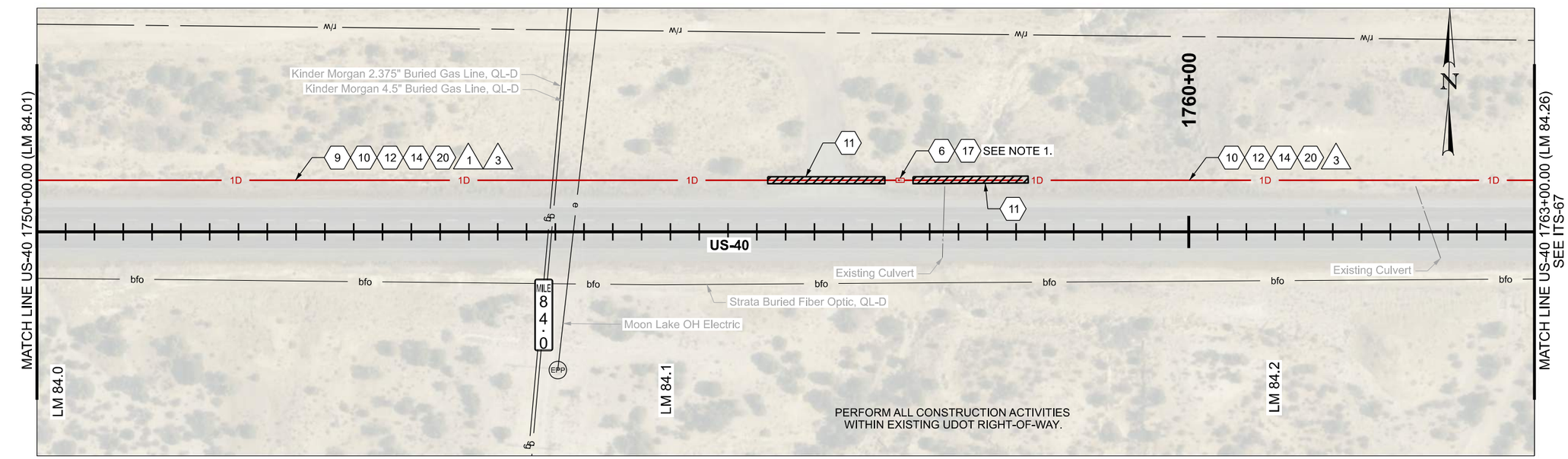
11/18/2025





ITS CONSTRUCTION NOTES:

- (6) PROVIDE 100 FT OF CABLE SLACK IN JUNCTION BOX
- (9) INSTALL SMFO CABLE WITHIN BLUE CONDUIT OR BLUE MICRODUCT
- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D

ITS CONSTRUCTION NOTES:

- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

NOTES:

1. FIBER SPLICING IN THIS JUNCTION BOX, AND INSTALLATION OF FIBER CABLE TO THE EAST, TO BE PERFORMED BY OTHERS. SEE PROJECT 22899 JURASSIC US-40 FIBER OPTICS SEGMENT C.

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
1	INSTALL STATE FURNISHED 144 STRAND SMFO CABLE REQ'D
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-66

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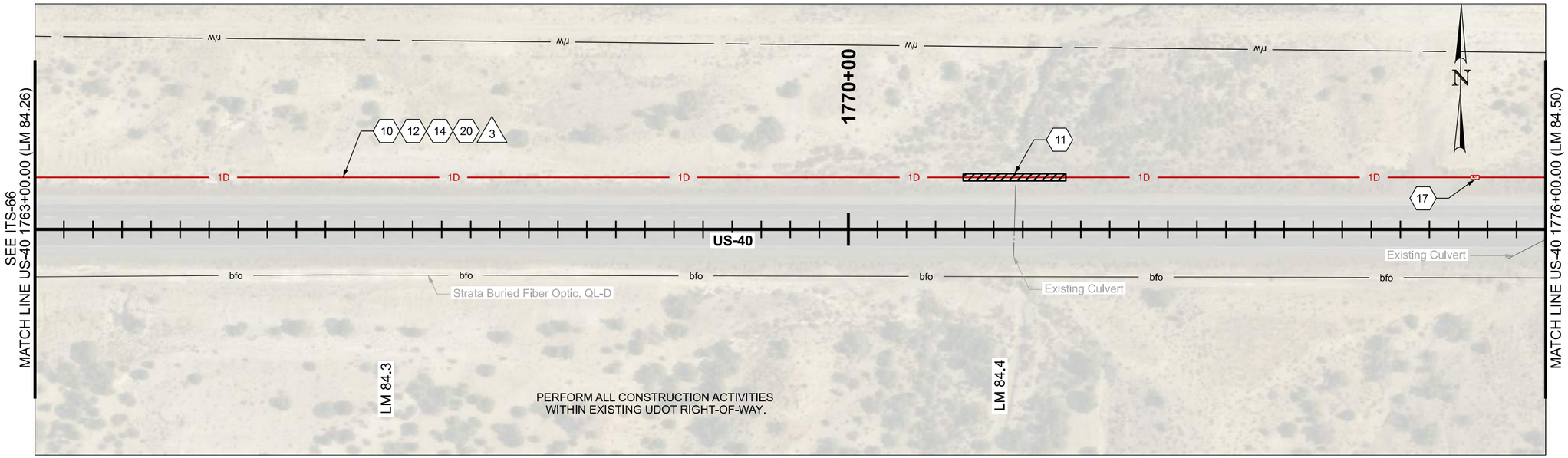

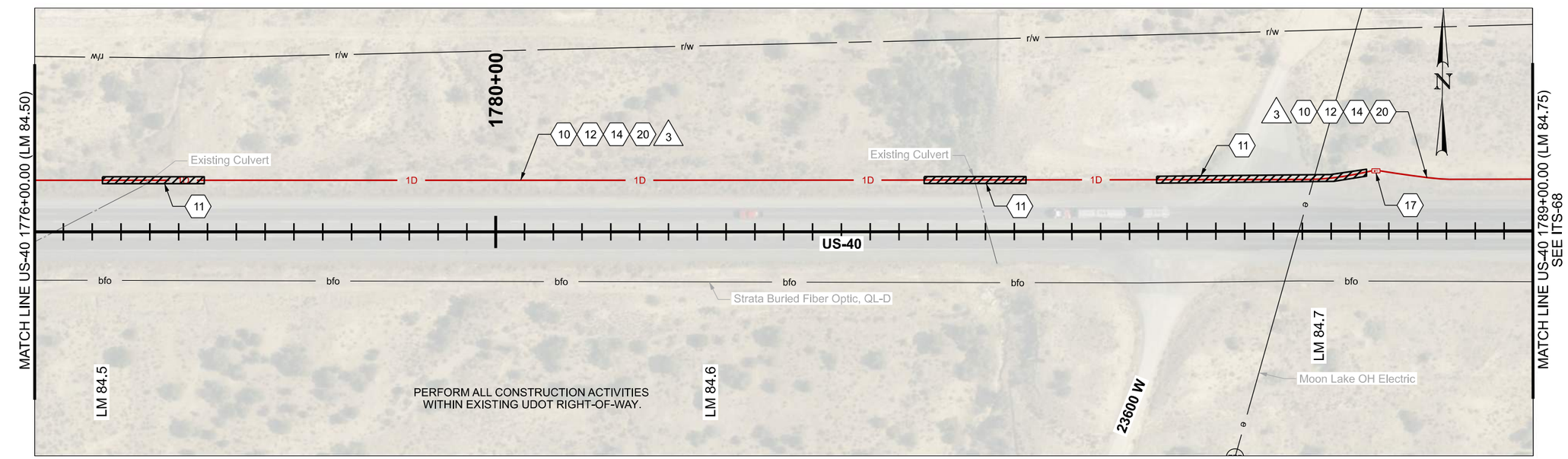

ITS CONSTRUCTION NOTES:

- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-67

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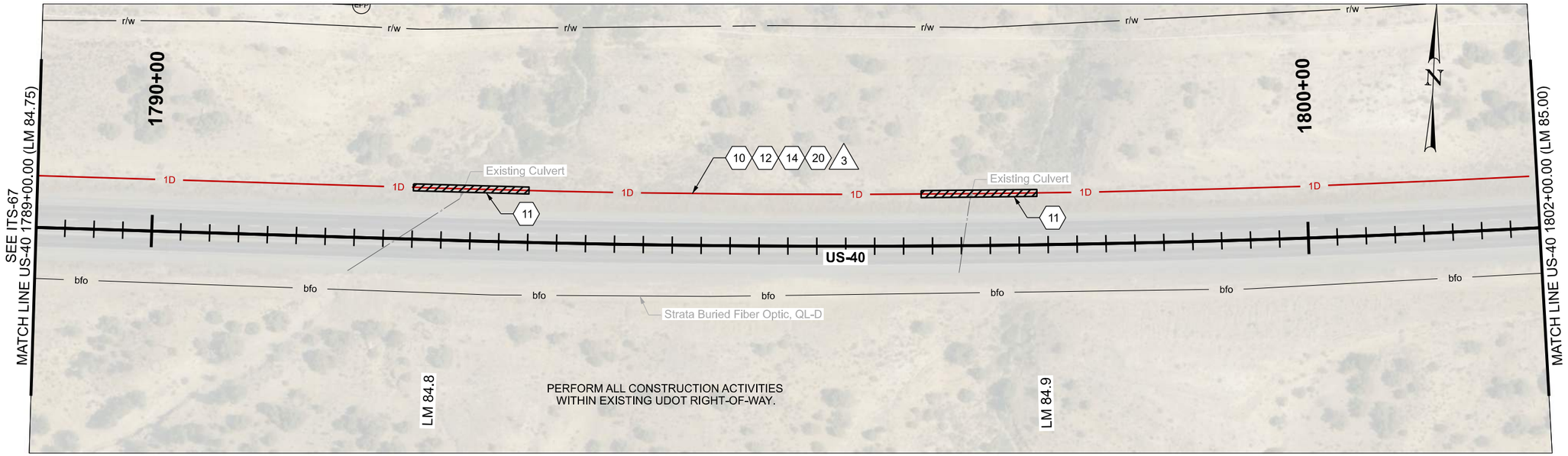
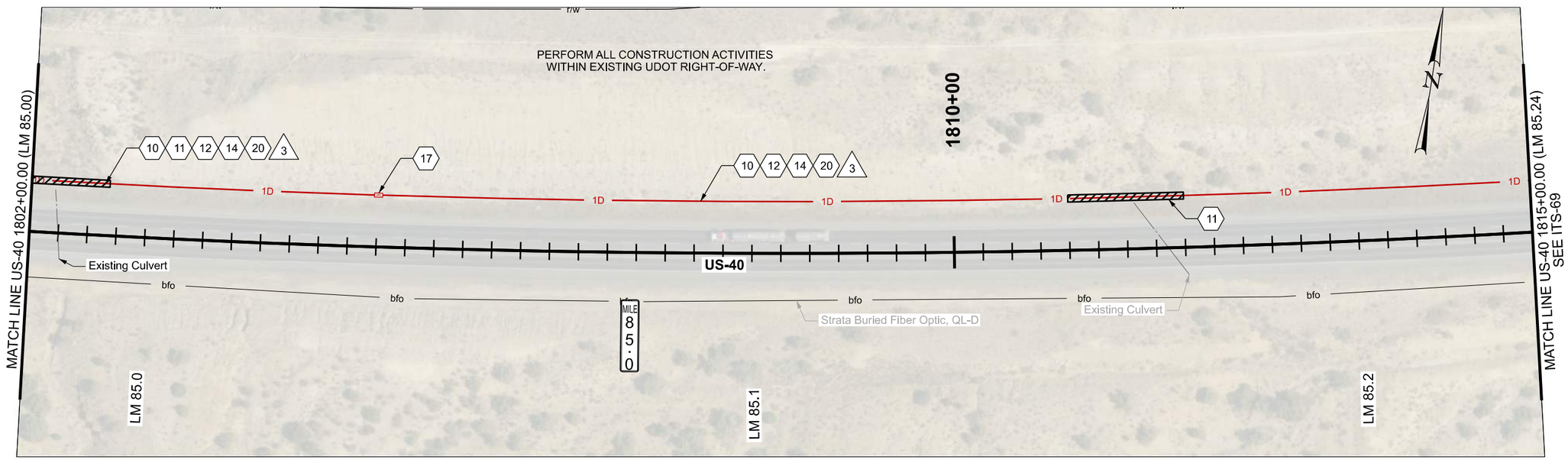
11/18/2025





ITS CONSTRUCTION NOTES:

- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-68

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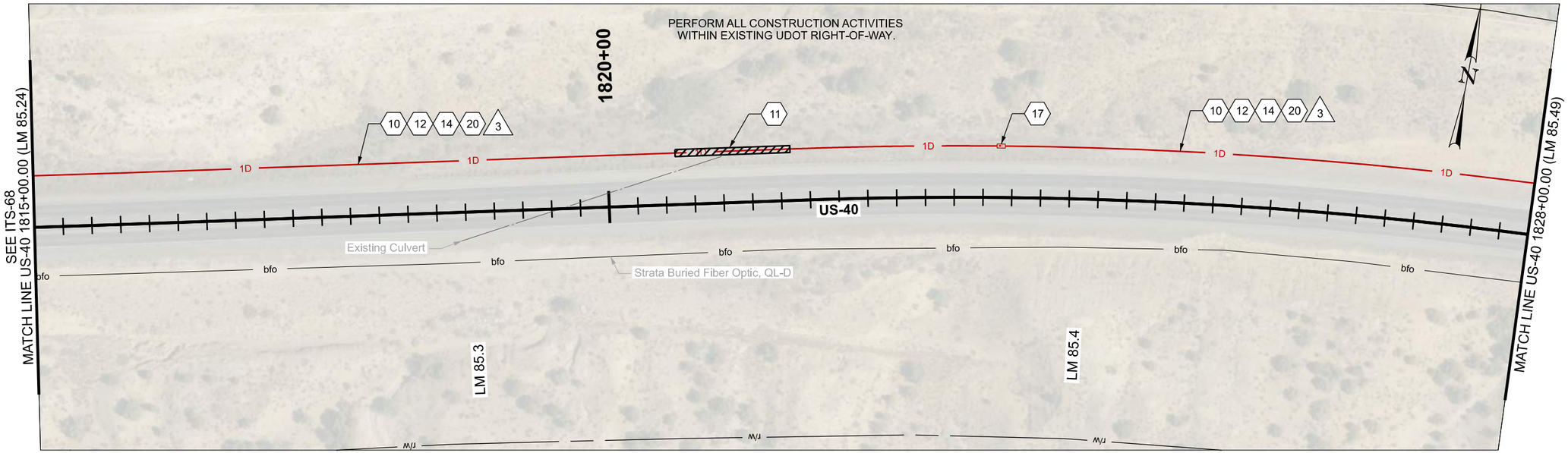
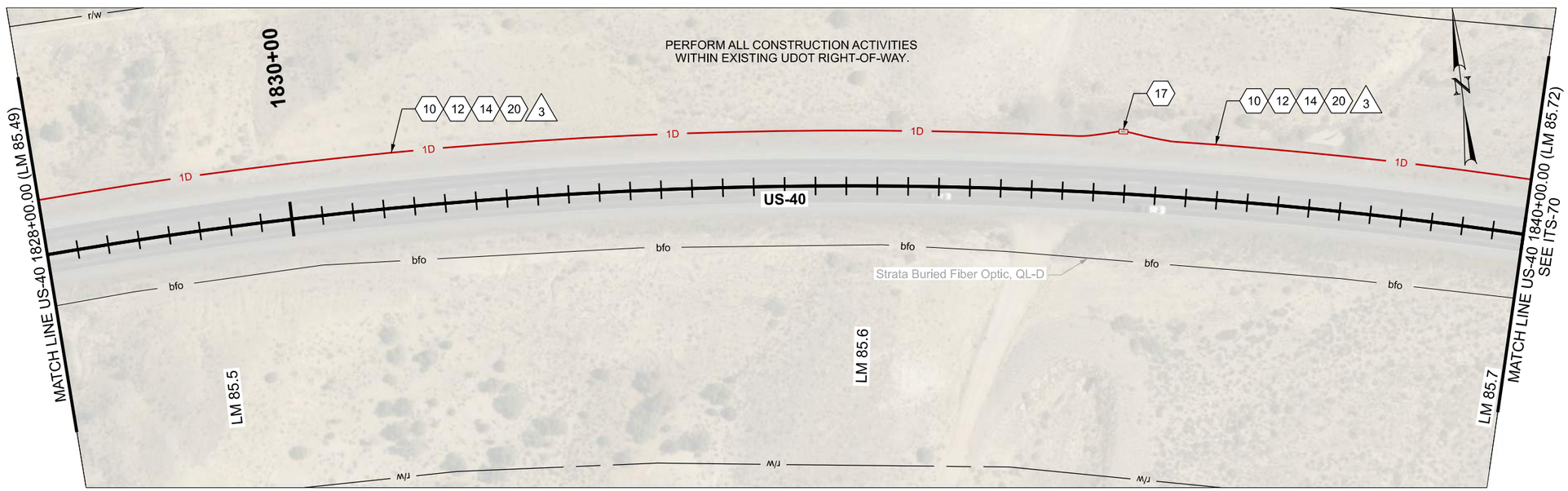
11/18/2025





ITS CONSTRUCTION NOTES:

- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

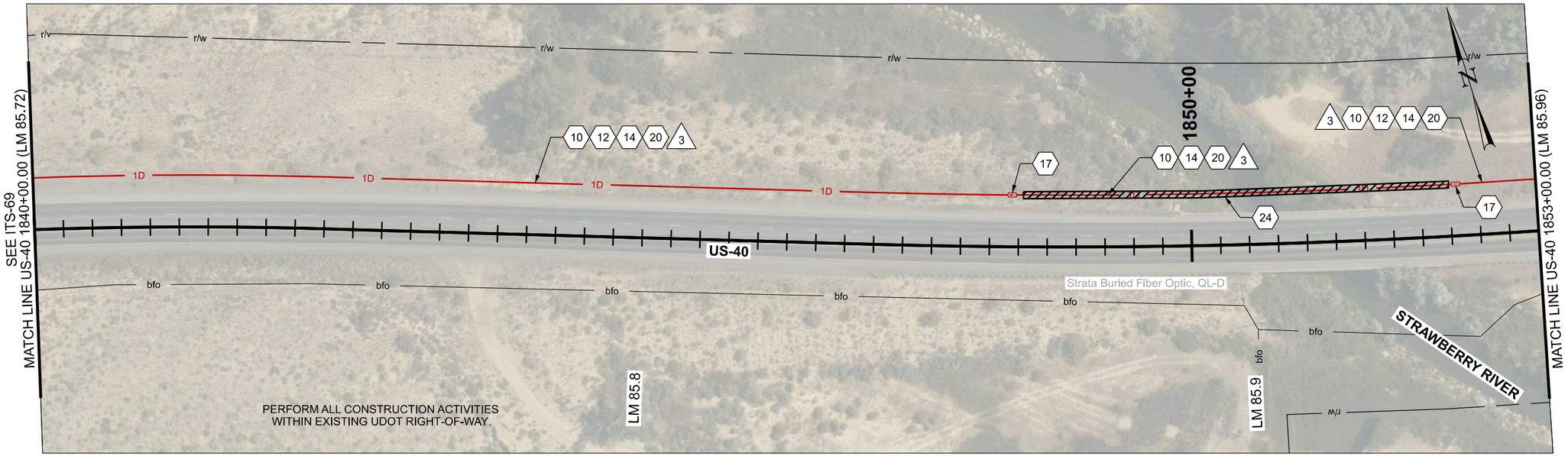
DRAWN BY DAG
QC CHECKED BY MGG
DATE 12/1/25
APPROVED
PROFESSIONAL ENGINEER

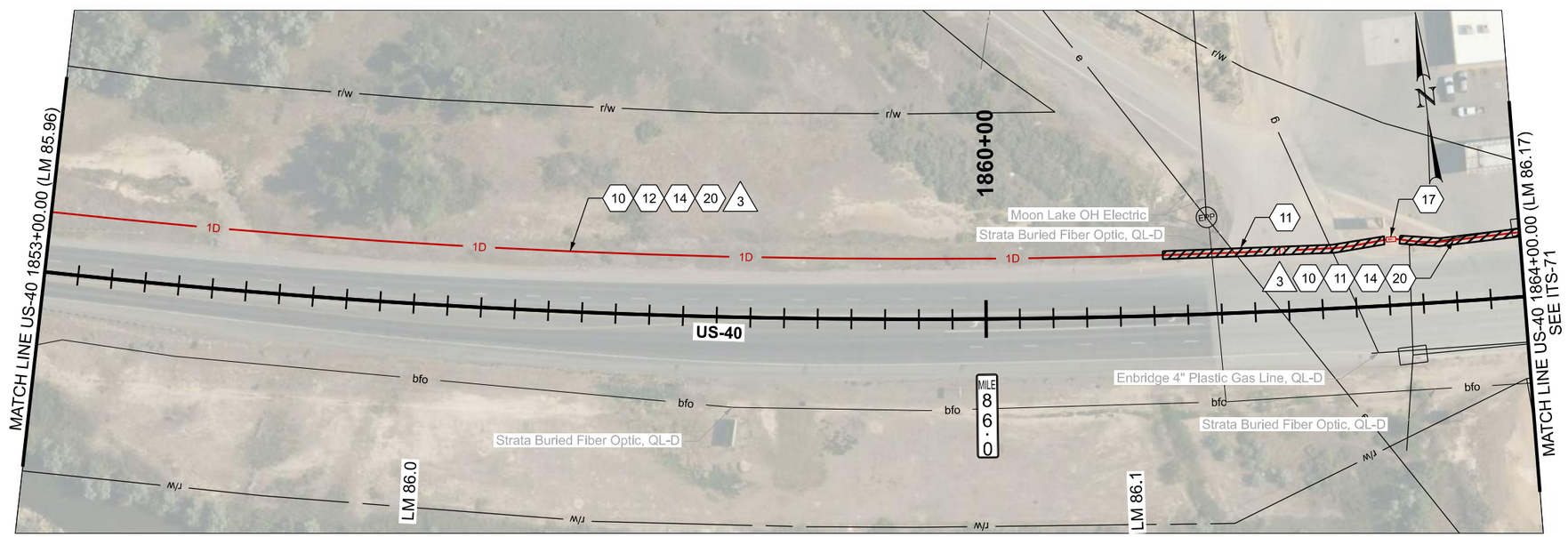
JURASSIC US-40 FIBER OPTICS
- SEGMENT B

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

SHEET NO. ITS-69

22898_ITS-69.dgn
11/18/2025





ITS CONSTRUCTION NOTES:

- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (12) PLOW OR TRENCH OUTSIDE OF ROADWAY REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT
- (24) DIRECTIONAL BORE CONDUIT UNDER WATERWAY REQ'D

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

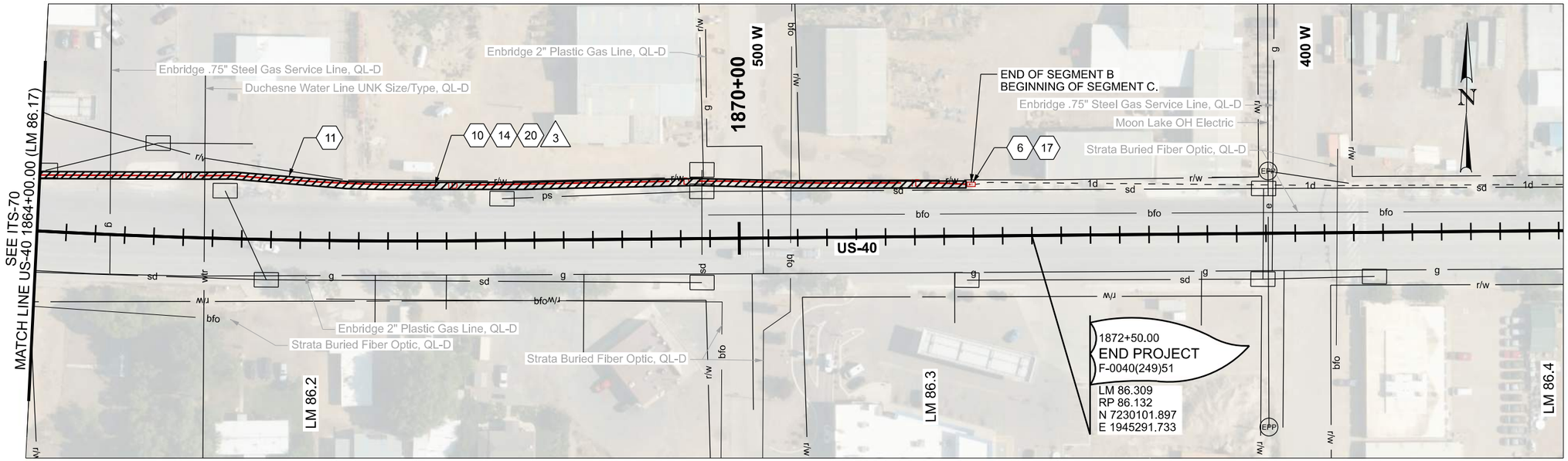
UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-70

22898_ITS-70.dgn
11/26/2025



ITS CONSTRUCTION NOTES:

- (10) INSTALL LOCATE WIRE IN SAME CONDUIT AS SMFO CABLE OR MICRODUCTS
- (11) DIRECTIONAL BORE REQ'D
- (14) INSTALL STATE FURNISHED CONDUIT REQ'D
- (17) INSTALL STATE FURNISHED JUNCTION BOX REQ'D
- (20) 1D CONDUIT

ITS WIRE SCHEDULE SUMMARY	
NO.	DESCRIPTION
3	#14 AWG SOLID/INSULATED LOCATE WIRE REQ'D

0 20 100
SCALE IN FEET

REVISIONS

NO.	DATE	APPROVED BY	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
AVENUE CONSULTANTS

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

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

SHEET NO. ITS-71

22898_ITS-71.dgn
11/18/2025