

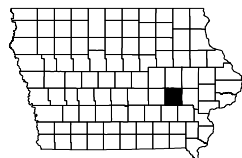
IOWA CO.®

LETTING DATE

JULY 21, 2026



NOTE: THE PLAN LOCATIONS OF UNDERGROUND AND AERIAL UTILITIES, WHEN SHOWN, ARE APPROXIMATE ONLY. IN ADDITION, A PORTION OF UTILITY INFORMATION MAY NOT HAVE BEEN PROVIDED. ALL UTILITIES SHALL BE LOCATED AND MARKED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTING UTILITIES AND LOCATOR SERVICES AND SCHEDULING SUCH SERVICES PRIOR TO UNDERGROUND UTILITIES. THE CONTRACTOR SHALL ALSO CONTACT ANY AND ALL UTILITIES AND LOCAL GOVERNMENT AGENCIES NOT PARTICIPATING IN LOCATION SERVICES.



# Highway Division

### PLANS OF PROPOSED IMPROVEMENT ON THE

## PRIMARY ROAD SYSTEM

# IOWA COUNTY

## ITS INFRASTRUCTURE

W of IA 149 to E of IA 149 (EB/WB)

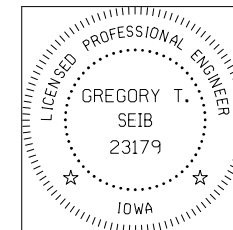
SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.

|                               |       |
|-------------------------------|-------|
|                               | TOTAL |
|                               | 19    |
| PROJECT IDENTIFICATION NUMBER |       |
| 22-48-080-060                 |       |
| PROJECT NUMBER                |       |
| ITS-080-6(552)219--25-48      |       |
| R.O.W. PROJECT NUMBER         |       |
| IMN-080-6(535)219--0E-48      |       |
|                               |       |
|                               |       |

| INDEX OF SHEETS |   | 105-3<br>10-18-05 |
|-----------------|---|-------------------|
| No.             | Description   |                   |
| <b>A Sheets</b> | <b>Title Sheets</b>   |                   |
| A.01*           | Title Sheet   |                   |
| A.02*           | Location Map Sheet  |                   |
| A.03*           | Legend Sheet  |                   |
| <b>C Sheets</b> | <b>Quantities and General Information</b>                       |                   |
| C.01 - C.02     | Estimated Project Quantities and Estimate Reference Information |                   |
| C.03            | Project Description, General Notes, and Standard Plans          |                   |
| C.04 - C.05*    | Listing of Work   |                   |
| C.06            | Fiber Architecture  |                   |
| <b>J Sheets</b> | <b>Traffic Control Notes</b>                                    |                   |
| J.01            | Traffic Control Plan and Coordinated Operations                 |                   |
| <b>N Sheets</b> | <b>ITS Infrastructure Sheets</b>                                |                   |
| N.01* - N.05*   | ITS Infrastructure Sheets                                       |                   |
| <b>U Sheets</b> | <b>Details</b>  |                   |
| U.01            | Direct Bury Fiber and Warning Tape Detail                       |                   |
| <b>W Sheets</b> | <b>Cross Sections</b>   |                   |
| W.01* - W.03*   | I-80 Cross Sections with Conduit Locations                      |                   |
|                 | *Color Plan Sheets  |                   |



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Gregory T. Seib 5-4-2026

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Gregory T. Seib

|                       |       |
|-----------------------|-------|
| Printed or Typed Name | 23179 |
|-----------------------|-------|

License Number

My license renewal date is December 31, 2026

Pages or sheets covered by this seal: A.01-A.03, C.01-C.06, J.01, N.01-N.05,  
U.01, W.01-W.03

|          |         |             |        |      |        |                |                          |              |      |
|----------|---------|-------------|--------|------|--------|----------------|--------------------------|--------------|------|
| FILE NO. | ENGLISH | DESIGN TEAM | Olsson | IOWA | COUNTY | PROJECT NUMBER | ITS-080-6(552)219--25-48 | SHEET NUMBER | A.01 |
|----------|---------|-------------|--------|------|--------|----------------|--------------------------|--------------|------|

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5/4/2026

gdungan

Olsson

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IOWA

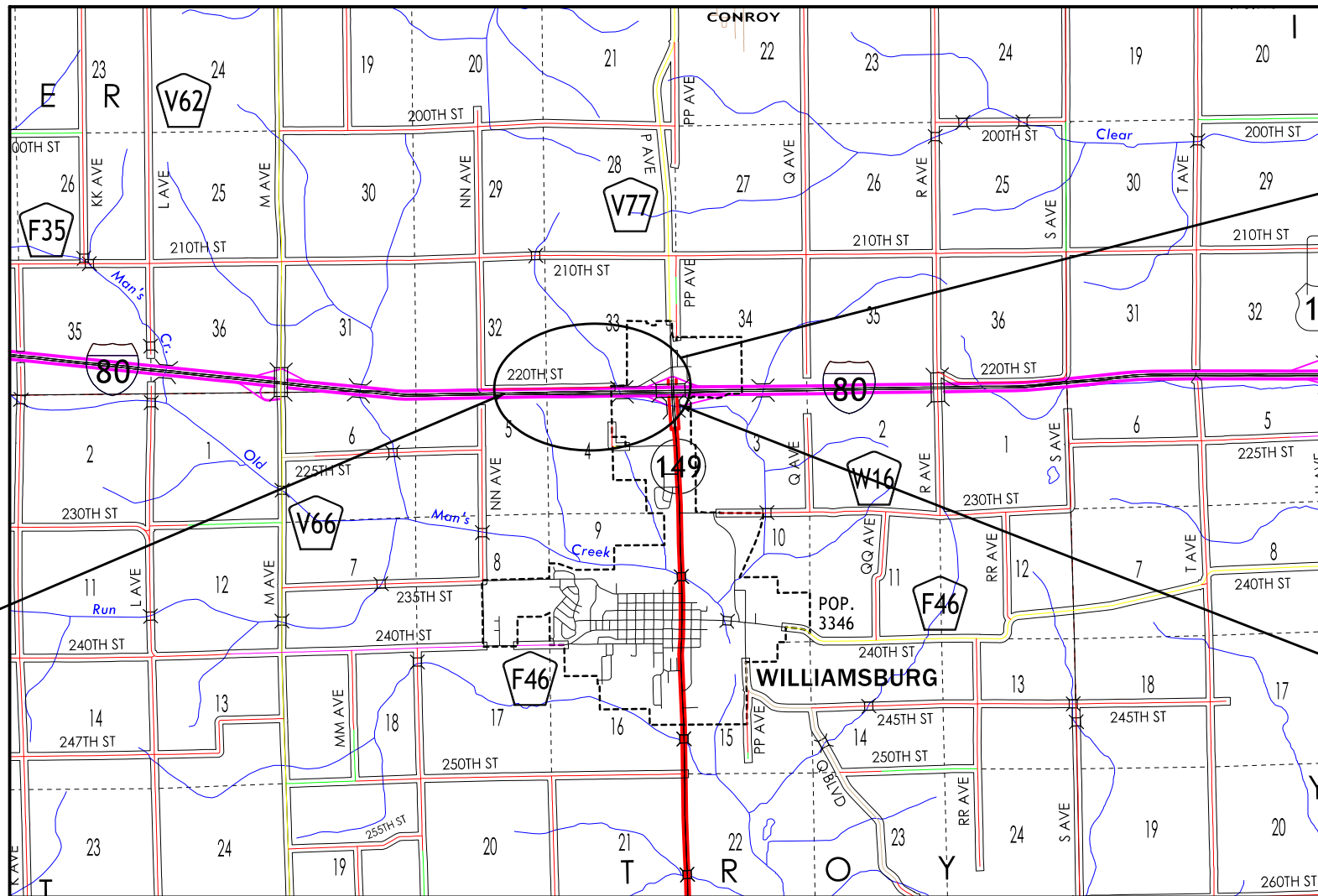
COUNTY

PROJECT NUMBER

ITS-080-6(552)219--25-48

SHEET NUMBER **A.01**

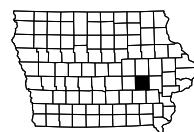
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|------------|----------|---------|---|



PROJECT LOCATION

BEGIN CONSTRUCTION  
EB I-80 Station 115+46.00  
Milepost 218.70

END CONSTRUCTION  
EB I-80 Station 181+11.00  
Milepost 219.95

















# I-80 CORRIDOR LOCATION MAP SHEET

|            |          |             |  |      |        |                |                          |              |      |
|------------|----------|-------------|--|------|--------|----------------|--------------------------|--------------|------|
| FILE NO.   | ENGLISH  | DESIGN TEAM | Olsson   | IOWA | COUNTY | PROJECT NUMBER | ITS-080-6(552)219--25-48 | SHEET NUMBER | A.02 |
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UNIQUE SYMBOLS FOR THIS PROJECT

| EXISTING  | PROPOSED   | DESCRIPTIONS                   |
|---|--|--------------------------------|
|   |  | Direct Buried Fiber            |
|   |  | Bored Conduit                  |
|   |  | Conduit (By Others)            |
|  |   | Handhole, 36" X 24" X 36"      |
|  |   | Handhole, 48" X 30" X 36"      |
|   |   | Test Station                   |
|  |  | Right of Way                   |
|  |  | ITS Device Cabinet, Pole Mount |
|  |  | Device Pole                    |
|  |  | Camera                         |
|   |   | Locate Point                   |

UTILITY LEGEND

|   |   |
|---|---|
|  | PPE, TIP Rural Electric Cooperative   |
|  | EL1D, TIP Rural Electric Cooperative - Quality D<br>Cole Calkins<br>612 W Des Moines St PO Box 534<br>Brooklyn, IA 52211<br>(641) 522-9221<br>ccalkins@tiprec.com |
|  | FO1D, Cooperative Telephone Company - Quality D   |
|  | TL1D, Cooperative Telephone Company - Quality D<br>Scott Schabacker<br>704 3rd St<br>Victor, IA 52347<br>(319) 647-3131<br>cooptel@netins.net                     |
|  | FO5D, Iowa Communications Network - Quality D<br>Jason Dale<br>800 Lincoln Way<br>Ames, IA 50010<br>(515) 239-1995<br>Jason.Dale@iowadot.us                       |
|  | WL1D, Poweshiek Water Association - Quality D<br>Chad Coburn<br>125 Industrial Drive<br>Brooklyn, IA 52211<br>(641) 522-7416<br>chad@poweshiekwater.com           |
|  | GH1D, Northern Border Pipeline - Quality D<br>No Contact given but is within project limits   |

PROJECT CONTACTS

| Company                             | Name            | Street                           | City, State, Zip       | Phone (Office) | Phone (Mobile) | Email                        |
|-------------------------------------|-----------------|----------------------------------|------------------------|----------------|----------------|------------------------------|
| IOWA COMMUNICATIONS NETWORK (ICN)   | CHRIS HARRIS    | 400 EAST 14TH STREET             | DES MOINES, IA 50319   | 515-725-8925   | 515-380-3689   | chris.harris@icn.state.ia.us |
| IOWA DOT PROJECT MANAGER            | JASON DALE      | 800 LINCOLN WAY                  | AMES, IA 50010         | 515-239-1995   | 515-291-4675   | jason.dale@iowadot.us        |
| IOWA DOT PROJECT MANAGER            | MARK VAN DYKE   | 800 LINCOLN WAY                  | AMES, IA 50010         |                | 515-815-5620   | mark.vandyke@iowadot.us      |
| IOWA DOT DISTRICT 6 UTILITY PERMITS | MICHELLE ANDORF | 5455 KIRKWOOD BLVD SW            | CEDAR RAPIDS, IA 52404 | 319-730-1533   |                | michelle.andorf@iowadot.us   |
| ITS MAINTENANCE CONTRACTOR          | KELLY KING      | 1555 SE DELAWARE AVENUE, SUITE E | ANKENY, IA 50021       | 515-732-7336   | 515-238-3208   | kking@econolite.com          |

LEGEND SHEET

| ESTIMATE OF QUANTITIES |              |   |           |       |                   |
|------------------------|--------------|---|-----------|-------|-------------------|
| Item No.               | Item Code    | Item  | Unit      | Total | As-Built Quantity |
| 1                      | 2518-0000010 | ITS CONSTRUCTION SURVEY                         | LS        | 1     |                   |
| 2                      | 2518-0000100 | ITS HANDHOLE, 48x30x36                          | EACH      | 1     |                   |
| 3                      | 2518-0000130 | ITS TEST STATION                                | EACH      | 1     |                   |
| 4                      | 2518-0000150 | ITS GROUND ROD                                  | EACH      | 1     |                   |
| 5                      | 2518-0001200 | ITS CONDUIT, HDPE, 2 INCH BORED                 | LINEAR FT | 927   |                   |
| 6                      | 2518-0008048 | FIBER OPTIC CABLE, 48 SM ARMORED                | LINEAR FT | 6,980 |                   |
| 7                      | 2518-0008315 | EXPOSE EXISTING DIRECT BURIED FIBER OPTIC CABLE | LINEAR FT | 75    |                   |
| 8                      | 2518-0008400 | FIBER OPTIC CABLE ACCEPTANCE TESTING            | LS        | 1     |                   |
| 9                      | 2528-8445110 | TRAFFIC CONTROL                                 | LS        | 1     |                   |
| 10                     | 2533-4980005 | MOBILIZATION                                    | LS        | 1     |                   |
| 11                     | 2599-9999009 | FIBER OPTIC CABLE, DIRECT BURIED                | LINEAR FT | 4,903 |                   |

ESTIMATE OF QUANTITIES

| ESTIMATE REFERENCE INFORMATION |              |   |
|--------------------------------|--------------|---|
| Item No.                       | Item Code    | Description   |
| 1                              | 2518-0000010 | ITS CONSTRUCTION SURVEY   |
|                                |              | MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems.   |
| 2                              | 2518-0000100 | ITS HANDHOLE, 48x30x36  |
|                                |              | For purposes of reimbursement from ICN to the Department, Contractor shall submit receipts for actual cost of handholes delivered to the project, including freight and handling charges.<br>MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems.  |
| 3                              | 2518-0000130 | ITS TEST STATION  |
|                                |              | MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems.   |
| 4                              | 2518-0000150 | ITS GROUND ROD  |
|                                |              | MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems.   |
| 5                              | 2518-0001200 | ITS CONDUIT, HDPE, 2 INCH BORED   |
|                                |              | For purposes of reimbursement from ICN to the Department, Contractor shall submit receipts for actual cost of conduit delivered to the project, including freight and handling charges.<br>MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems.    |
| 6                              | 2518-0008048 | FIBER OPTIC CABLE, 48 SM ARMORED  |
|                                |              | For purposes of reimbursement from ICN to the Department, Contractor shall submit receipts for actual cost of fiber delivered to the project, including freight and handling charges.<br>MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems.      |
| 7                              | 2518-0008315 | EXPOSE EXISTING DIRECT BURIED FIBER OPTIC CABLE   |
|                                |              | MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems.   |
| 8                              | 2518-0008400 | FIBER OPTIC CABLE ACCEPTANCE TESTING  |
|                                |              | Item covers uni-directional testing of all strands of the proposed 48 strand fiber optic cable after installation. Testing shall be completed prior to any ICN fiber splicing work begins.<br>MATERIALS, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT refer to Iowa DOT Developmental Specifications for Intelligent Transportation Systems. |
| 9                              | 2528-8445110 | TRAFFIC CONTROL   |
|                                |              | Refer to Traffic Control Plan on Sheet J.01   |
| 10                             | 2533-4980005 | MOBILIZATION  |
| 11                             | 2599-9999009 | FIBER OPTIC CABLE, DIRECT BURIED  |
|                                |              | Item covers labor, equipment, and installation for 48 SM Armored fiber optic cable in the direct bury segments noted in contract documents. Fiber optic cable shall be buried 5' below grade (see sheet U.01). Materials for fiber optic cable are covered in separate bid item. See Special Provisions.                                    |

ESTIMATE REFERENCE INFORMATION

|   |                     |
|---|---------------------|
| PROJECT DESCRIPTION   | 100-01D<br>08-15-22 |
| ITS-080-6(552)219--25-48<br>PROJECT SUMMARY<br><br>ITS INFRASTRUCTURE PROJECT IN IOWA COUNTY.<br><br>THIS PROJECT INVOLVES RELOCATING FIBER OPTIC CABLE AND OTHER ITS INFRASTRUCTURE (CONDUIT, HANDHOLES, ETC.) TO AVOID CONFLICTS WITH FUTURE ROADWAY AND GRADING CONSTRUCTION |                     |

|   |          |   |                   |
|---|----------|---|-------------------|
| STANDARDS   |          |   | 105-4<br>04-16-24 |
| The following Standards apply to construction work on this project. |          |   |                   |
| Number  | Date     | Title   |                   |
| TC-1  | 10-15-19 | Work Not Affecting Traffic (Two-Lane or Multi-Lane) |                   |
| TC-402  | 04-18-23 | Work Within 15 ft of Traveled Way (Multi-Lane)      |                   |
| ITS-101   | 10-21-25 | ITS Handholes                                       |                   |
| ITS-102   | 10-21-25 | ITS Labeling  |                   |

|  |
|--|
| SPLICING COORDINATION  |
| Contractor shall contact Iowa Communications Network (ICN) and the Engineer once work is completed and the fiber cable is ready for splicing. Fiber optic splicing to be completed by ICN Contractor |

Note: The Contractor will not have access to all parcels that are needed for this project until the dates listed below or earlier if notified by the Engineer.

|                                 |  |                          |
|---------------------------------|--|--------------------------|
| RIGHT-OF-WAY ACQUISITION STATUS |  |                          |
| Parcel Number                   |  | Expected Possession Date |
| 1                               | Heitshusen Limited   | 7/14/2026                |
| 2                               | Calvin Uhlig, Robert Mews, Dianna Caldwell, Albert Allen Mews (Deceased) | 8/13/2026                |
| 3                               | Roger J Maxwell  | 7/14/2026                |

|   |                     |
|---|---------------------|
| EROSION CONTROL<br>(NATIVE GRASS SEEDING)   | 232-03C<br>09-28-22 |
| Area to be seeded is estimated to be less than 1 acre. If the Contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03,B of the Standard Specifications.<br><br>Following the completion of work in a disturbed area and according to the seeding dates in Section 2601 of the Standard Specifications, place seed and mulch on the disturbed area lying 8 feet or more beyond the shoulder as follows:<br><br>Place seed and fertilize according to the requirements of Article 2601.03,C,3 and Section 4169 of the Standard Specifications.<br><br>Place mulch according to the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications.<br><br>Preparing the seedbed, furnishing and applying seed, fertilizer, and mulch are all incidental to mobilization and will not be paid for separately. |                     |

|  |                   |
|--|-------------------|
| MEDIAN CROSSOVER   | 253-1<br>09-28-22 |
| The Contractor is prohibited from using any established or other type median crossover on this project unless specifically designated for the Contractor's use by this plan. |                   |

PROJECT DESCRIPTION, GENERAL NOTES, AND STANDARD PLANS

| LISTING OF CONDUIT & FIBER WORK |                   |                   |                   |                   |                     |
|---------------------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Conduit Run                     | Location          |                   | Direct Bury Cable | 2" Conduit, Bored | 48 SM Armored Fiber |
|                                 | From              | To                |                   | LF                | LF                  |
|                                 |                   |                   | LF                | LF                | LF                  |
| 1A                              | HH 1-1            | Beginning of Bore | 2,737             |                   | 2,737               |
| 3A                              | Beginning of Bore | End of Bore       |                   | 140               | 140                 |
| 3B                              | End of Bore       | Beginning of Bore | 1,012             |                   | 1,012               |
| 3C                              | Beginning of Bore | End of Bore       |                   | 787               | 787                 |
| 4A                              | End of Bore       | HH 5-1E           | 1,154             |                   | 1,154               |
| 5A                              | HH 5-1E           | HH 5-2E           |                   |                   | 900                 |
| Totals                          |                   |                   | 4,903             | 927               | 6,730               |

| LISTING OF HANDHOLE WORK |               |       |          |                          |              |            |
|--------------------------|---------------|-------|----------|--------------------------|--------------|------------|
| Conduit Run              | Handhole Type | Route | Milepost | 48 SM Armored Fiber Coil | Test Station | Ground Rod |
|                          |               |       |          | LF                       | EA           | EA         |
| HH 1-1                   | 48"x30"x36"   | I-80  | 218.70   | 75                       | 1            | 1          |
| HH 5-1E*                 | 36"x24"x36"   | I-80  | 219.80   | 100                      |              |            |
| HH 5-2E*                 | 36"x24"x36"   | I-80  | 219.95   | 75                       |              |            |
| Totals                   |               |       |          | 250                      | 1            | 1          |

\* = EXISTING OR TO BE INSTALLED BY OTHERS

LISTING OF WORK

FOR INFORMATION ONLY

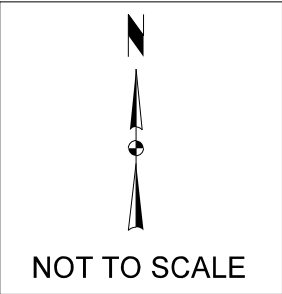
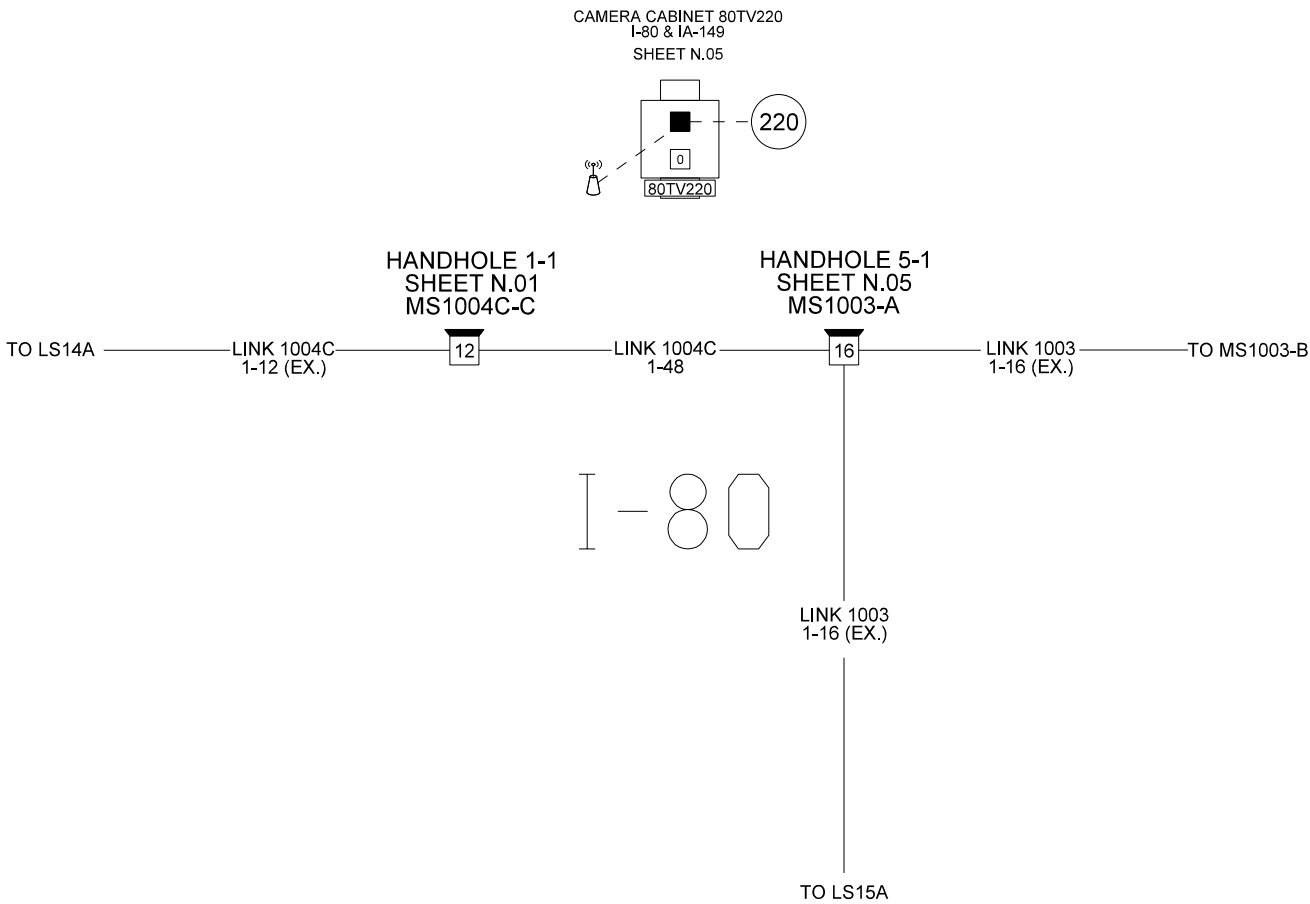
COORDINATE FIBER OPTIC SPLICING WITH THE IOWA DOT AND ICN

| SUMMARY OF FIBER OPTIC SPLICING WORK |        |          |   |                     |                                |                |   |  |   |   |
|--------------------------------------|--------|----------|---|---------------------|--------------------------------|----------------|---|--|---|---|
| Splice or Termination Location       | Route  | Milepost | Location Description                        | Design Sheet Number | New or Existing Splice Closure | Type of Splice | Number of 48 Strand Cables in Splice Case | Number of 4 Strand Cables in Splice Case | Number of 12 Strand Cables in Splice Case | Number of 16 Strand Cables in Splice Case |
| HH 1-1 (MS1004C-C)                   | I-80   | 218.70   | South side of I-80, 6447' ft west of IA-149 | N.01                | New                            | End of Reel    | 1   |  | 1   |   |
| HH 5-2E (MS1003-A)                   | I-80   | 219.95   | South side of I-80, 125' east of IA-149     | N.05                | New (Replace Existing)         | End of Reel    | 1   |  |   | 2   |
| IA-149 & Hawkeye Dr                  | IA-149 | -        | IA-149 & Hawkeye Dr intersection            | -                   | New                            | End of Reel    |   | 1  |   | 1   |

| LISTING OF FIBER WORK          |                            |                |   |                                |                          |
|--------------------------------|----------------------------|----------------|---|--------------------------------|--------------------------|
| Splice or Termination Location | Fiber Optic Splice Closure | 12 Splice Tray | Fiber Optic Splice (with Protector Sleeves) | Shield Bond Connector (4460-D) | FOSC Sealing Closure Kit |
| HH 1-1 (MS1004C-C)             | 1                          | 1              | 12  | 2                              | 1                        |
| HH 5-2E (MS1003-A)             | 1                          | 2              | 16  | 2                              | 1                        |
| IA-149 & Hawkeye Drive         | 1                          | 1              | 4   | 2                              | 1                        |
| TOTAL                          | 3                          | 4              | 32  | 6                              | 3                        |

LISTING OF WORK





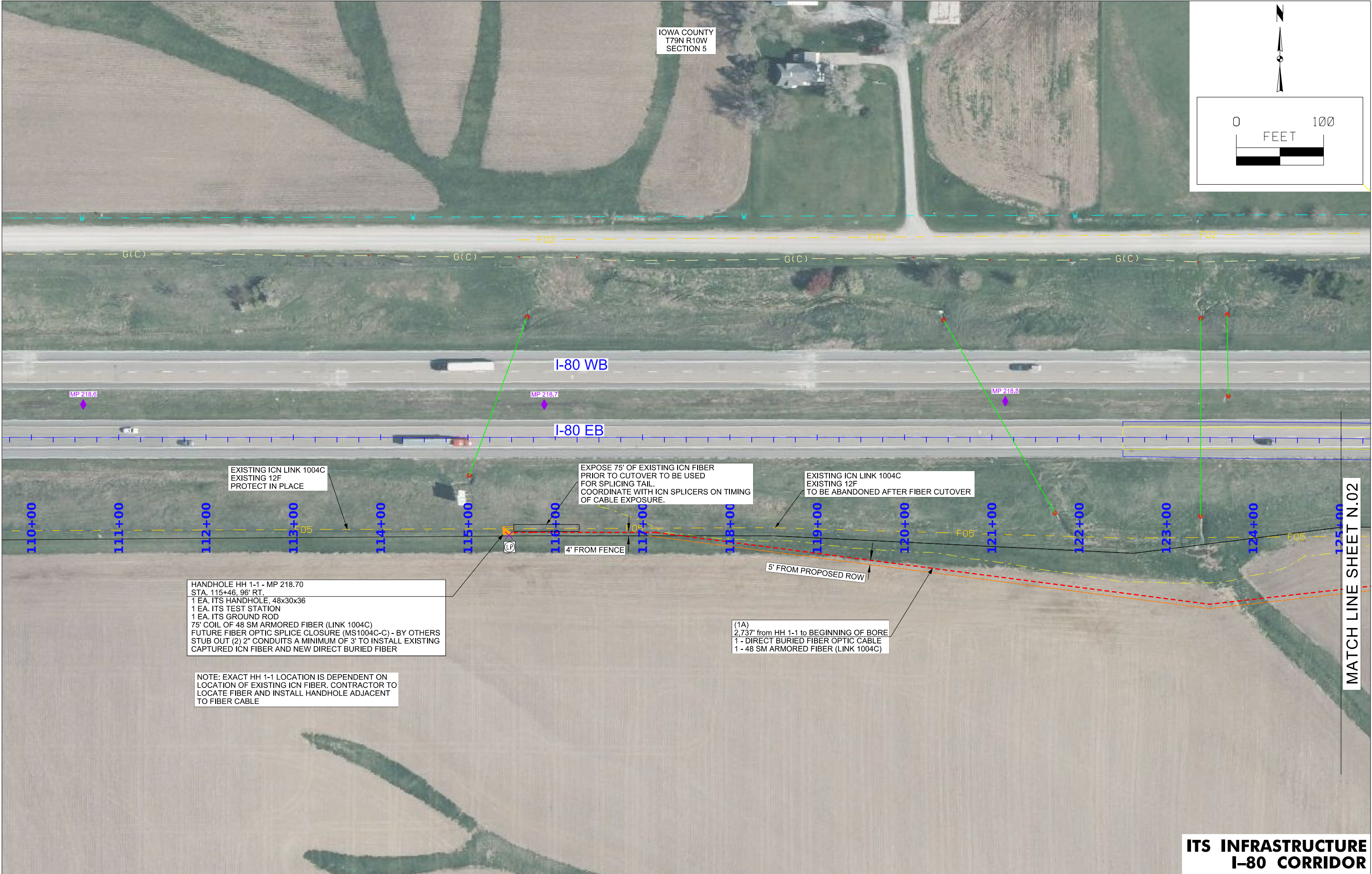
LEGEND

- FIBER TERMINATION PANEL W/ NUMBER OF TERMINATIONS
- SPLICE CLOSURE WITH NUMBER OF SPLICES (BY OTHERS)
- CAMERA 80TVXX (BY OTHERS)
- SWITCH (BY OTHERS)
- CAT-6 CABLE (BY OTHERS)
- POLE MOUNT DEVICE/DMS CABINET (EXISTING)
- FIBER WITH NUMBER OF FIBER STRANDS
- RADIO (BY OTHERS)

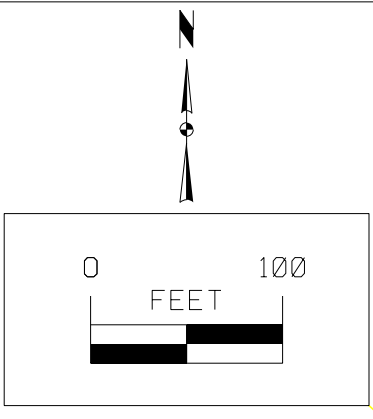
FIBER ARCHITECTURE

| TRAFFIC CONTROL PLAN   | 108-23A<br>08-15-22 |
|--|---------------------|
| <div>1. ALL TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 2528-TRAFFIC CONTROL OF THE IOWA DOT'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, THE APPLICABLE GUIDELINES CONTAINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, IOWA SUPPLEMENTAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND ANY SPECIFICATION AND HIGHWAY STANDARDS CONTAINED HEREIN AND IN THE PLANS.</div> <div>2. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. TEMPORARY LANE CLOSURES WILL NOT BE ALLOWED. INTERCHANGE RAMPS SHALL REMAIN OPEN AT ALL TIMES.</div> <div>3. TRAFFIC CONTROL ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE STANDARD ROAD PLANS SHOWN IN TAB 105-4 ON PLAN SHEET C.03.</div> <div>4. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL WITH OTHER PROJECTS AS DESCRIBED ON STANDARD NOTATION 111-01.</div> <div>5. CONSTRUCTION TRAFFIC WILL NOT BE ALLOWED TO USE MEDIAN CROSSEOVERS.</div> <div>6. THE CONTRACTOR SHALL MAINTAIN A CLEAN PAVEMENT LEADING INTO AND OUT OF THE WORK AREA AT ALL TIMES.</div> <div>7. ANY DISTURBED AREAS MUST BE RESTORED AND LEVEL WITH THE SURROUNDING PAVEMENT EACH NIGHT. DAYTIME DROP-OFFS SHALL NOT BE ALLOWED.</div> |                     |

| COORDINATED OPERATIONS  |  | 111-01<br>10-14-22       |
|---|--|--------------------------|
| OTHER WORK IN PROGRESS DURING THE SAME PERIOD OF TIME WILL INCLUDE THE CONSTRUCTION OF THE PROJECTS LISTED. COORDINATE OPERATIONS WITH THOSE OF OTHER CONTRACTORS WORKING WITHIN THE SAME AREA. |  |                          |
| PROJECT   |  | TYPE OF WORK             |
| IMX-080-6(540)219--02-48  |  | PAVEMENT - GRADE AND NEW |
| IMX-080-6(533)220--02-48  |  | BRIDGE REPLACEMENT       |
| IMX-080-6(542)219--02-48  |  | TRAFFIC SIGNS            |
| IMX-080-6(543)219--02-48  |  | LIGHTING                 |
| ITS-080-6(553)219--25-48  |  | ITS INFRASTRUCTURE       |



IOWA COUNTY  
T79N R10W  
SECTION 5



I-80 WB

I-80 EB

MP 218.6

MP 218.7

MP 218.8

EXISTING ICN LINK 1004C  
EXISTING 12F  
PROTECT IN PLACE

EXPOSE 75' OF EXISTING ICN FIBER  
PRIOR TO CUTOVER TO BE USED  
FOR SPLICING TAIL.  
COORDINATE WITH ICN SPlicERS ON TIMING  
OF CABLE EXPOSURE.

EXISTING ICN LINK 1004C  
EXISTING 12F  
TO BE ABANDONED AFTER FIBER CUTOVER

HANDHOLE HH 1-1 - MP 218.70  
STA. 115+46.96' RT.  
1 EA. ITS HANDHOLE, 48x30x36  
1 EA. ITS TEST STATION  
1 EA. ITS GROUND ROD  
75' COIL OF 48 SM ARMORED FIBER (LINK 1004C)  
FUTURE FIBER OPTIC SPLICE CLOSURE (MS1004C-C) - BY OTHERS  
STUB OUT (2) 2" CONDUITS A MINIMUM OF 3' TO INSTALL EXISTING  
CAPTURED ICN FIBER AND NEW DIRECT BURIED FIBER

NOTE: EXACT HH 1-1 LOCATION IS DEPENDENT ON  
LOCATION OF EXISTING ICN FIBER, CONTRACTOR TO  
LOCATE FIBER AND INSTALL HANDHOLE ADJACENT  
TO FIBER CABLE

4' FROM FENCE

5' FROM PROPOSED ROW

(1A)  
2,737' from HH 1-1 to BEGINNING OF BORE  
1 - DIRECT BURIED FIBER OPTIC CABLE  
1 - 48 SM ARMORED FIBER (LINK 1004C)

MATCH LINE SHEET N.02

ITS INFRASTRUCTURE  
I-80 CORRIDOR

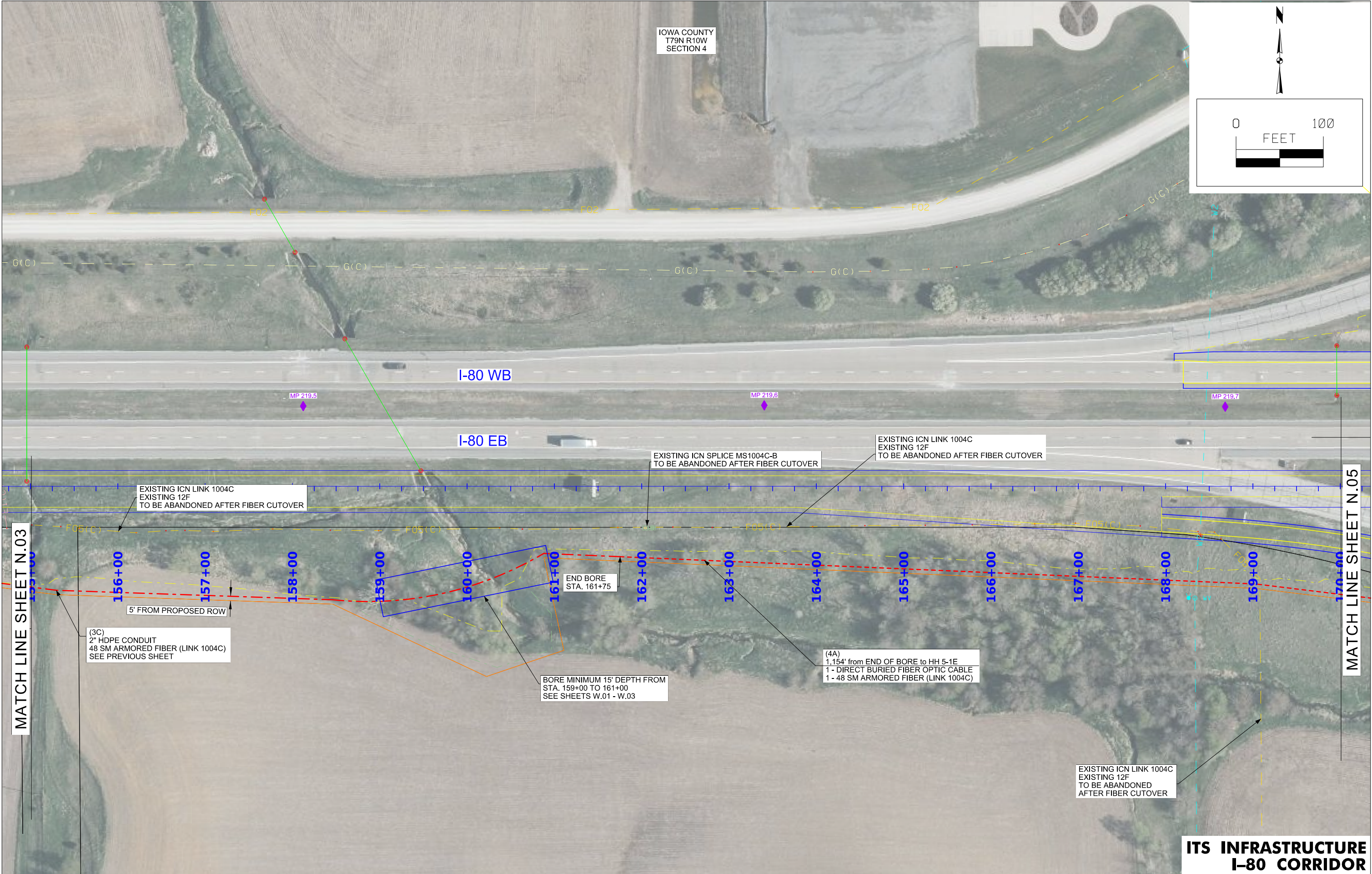




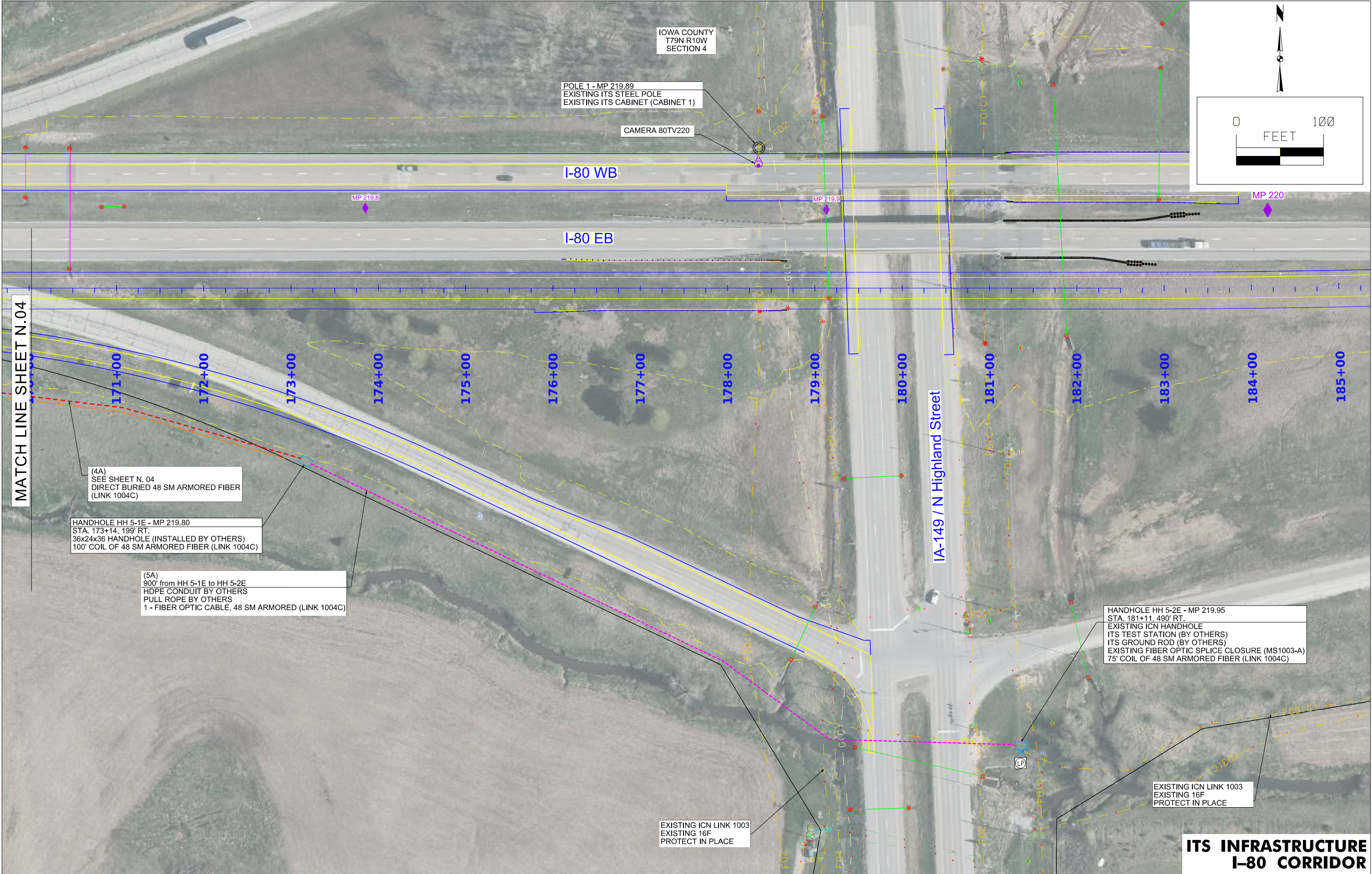




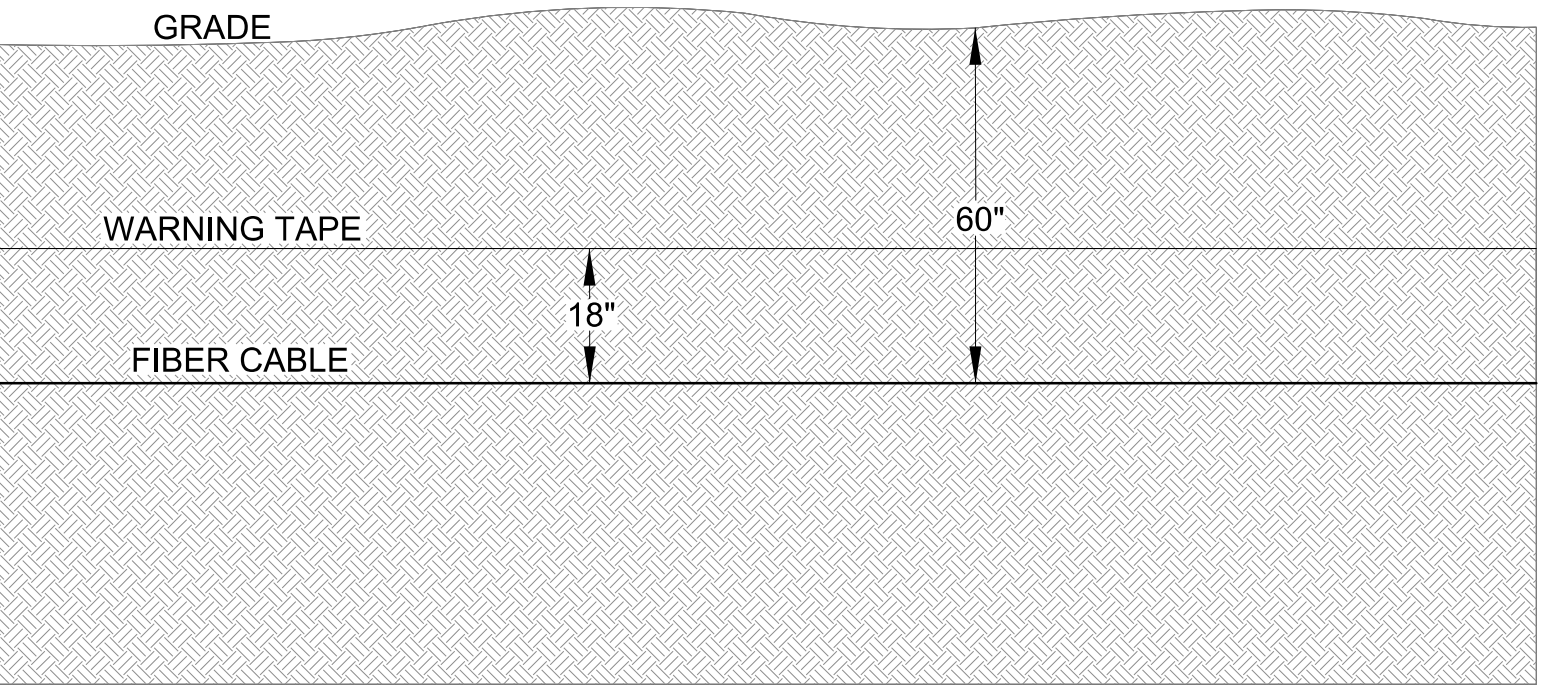












**DIRECT BURY FIBER AND WARNING TAPE DETAIL**

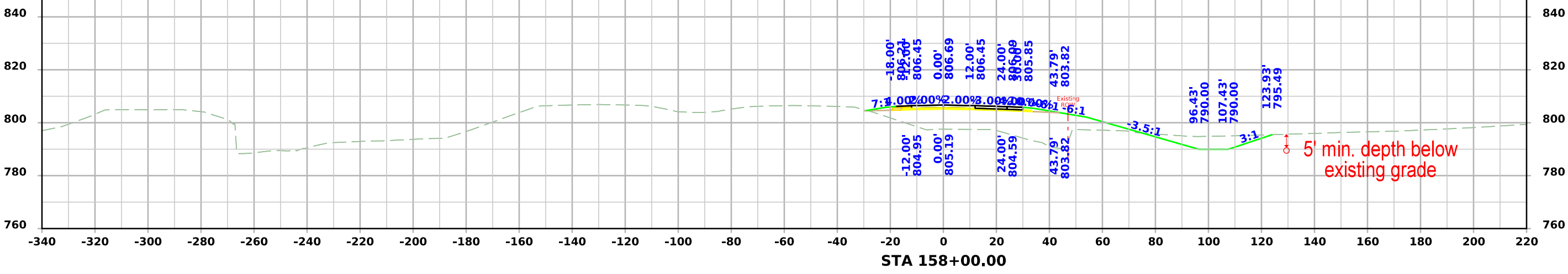
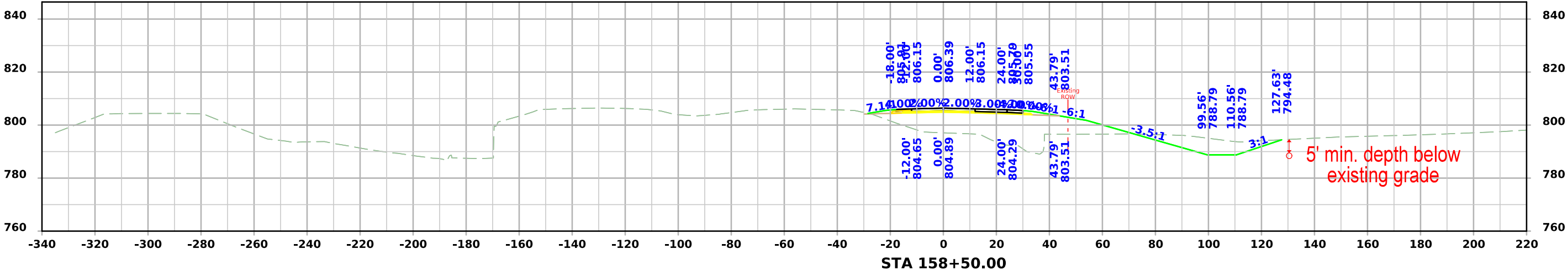
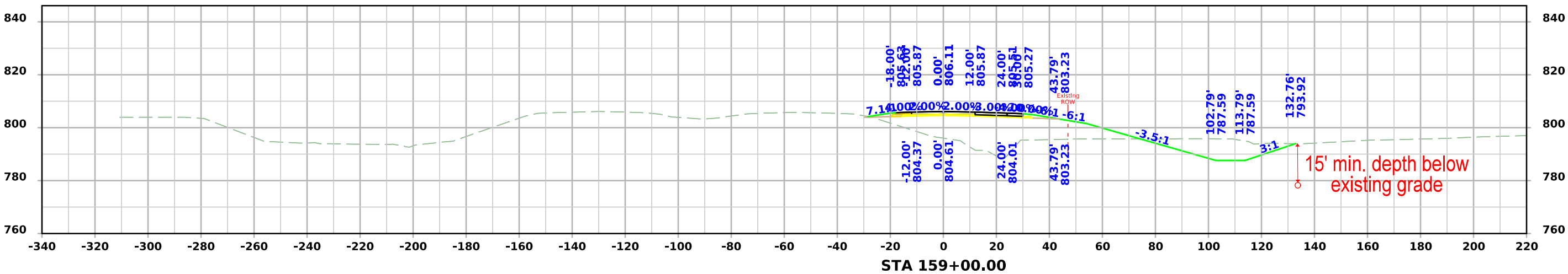
|          |         |             |        |      |        |                |                          |              |      |
|----------|---------|-------------|--------|------|--------|----------------|--------------------------|--------------|------|
| FILE NO. | ENGLISH | DESIGN TEAM | Olsson | IOWA | COUNTY | PROJECT NUMBER | ITS-080-6(552)219--25-48 | SHEET NUMBER | U.01 |
|----------|---------|-------------|--------|------|--------|----------------|--------------------------|--------------|------|

Legend

○ Proposed Conduit

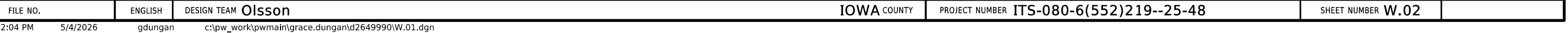
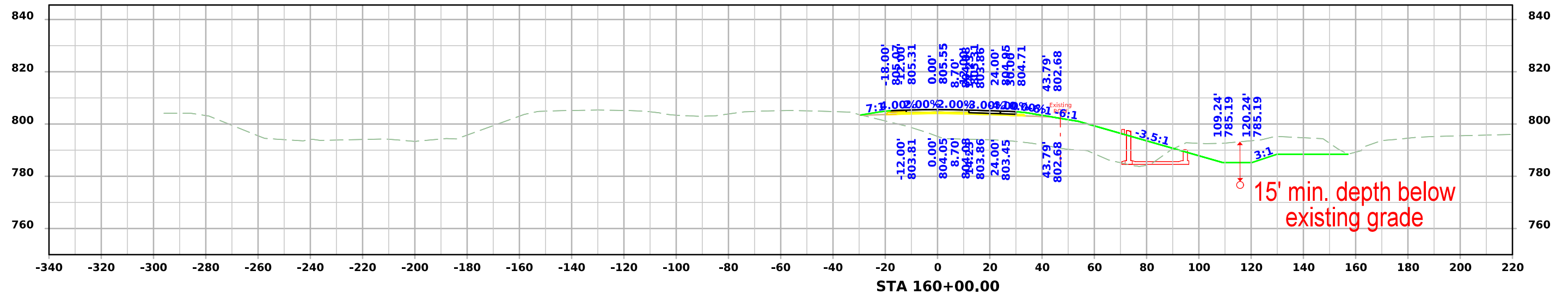
Note: All depths displayed on cross sections are minimum depths.

I-80



- Proposed Conduit

# I-80



Legend

○

Proposed Conduit

Note: All depths displayed on cross sections are minimum depths.

I-80

