

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION: DE MISC 2012-1  
COUNTIES: CHAMPAIGN, VERMILION & MCLEAN  
SIGNAL TIMING / PROGRESSION

C-95-051-11

FOR LOCATION MAP SEE SHEETS 2, 3 & 4

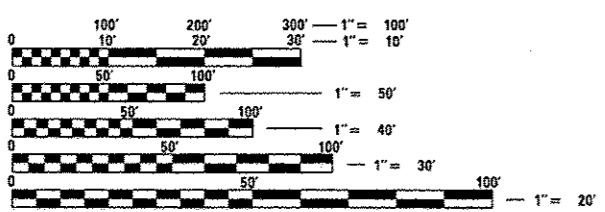
| F.A.P. RTE. | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|-------------|----------------|--------|--------------------|-----------|
| *           | DE MISC 2012-1 | # #    | 18                 | 1         |
| ILLINOIS    |                |        | CONTRACT NO. 70942 |           |

• VARIOUS  
\*\* CHAMPAIGN, VERMILION, MCLEAN  
D95-051-11 \*\*\* 18+3 = 21



LOCATION OF SECTION INDICATED THUS: [Symbol]

FOR INDEX OF SHEETS, SEE SHEET NO. 5



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: SCOTT NEIHART  
PROJECT MANAGER: ROGER BIGGS

CONTRACT NO. 70942

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 02/23 20 12

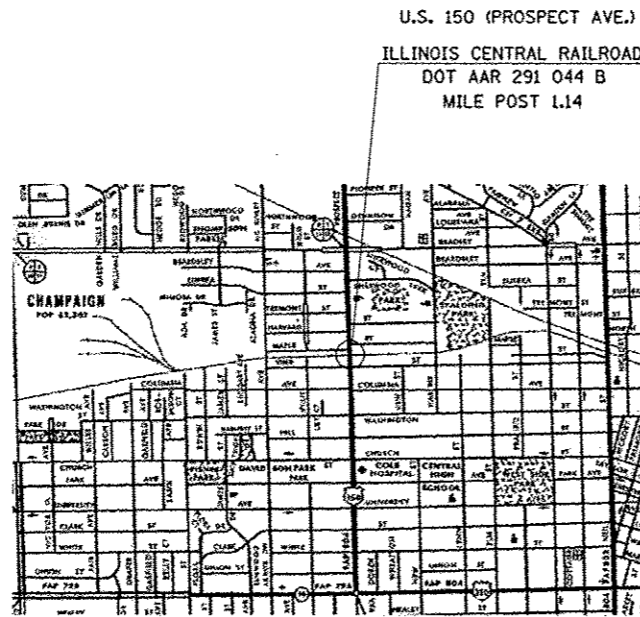
Joseph E. Crane (CKG)  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 29 20 12  
John D. Baranzelli, P.E.  
actg ENGINEER OF DESIGN AND ENVIRONMENT

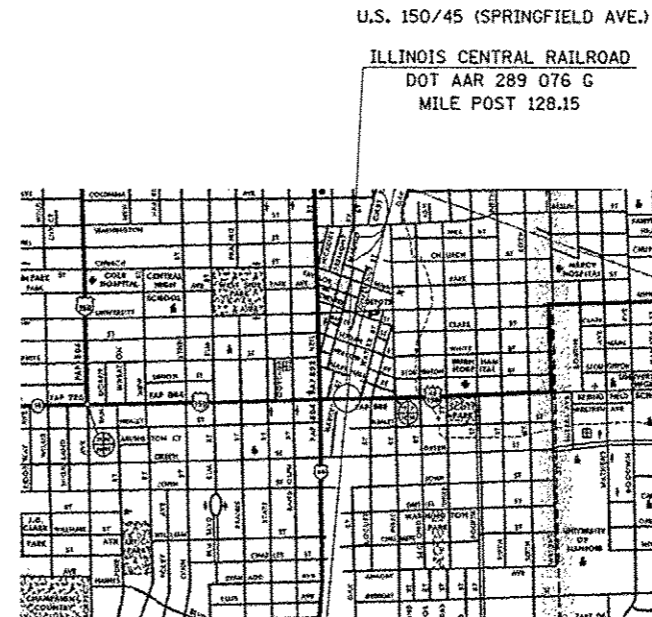
June 29 20 12  
William R. Frey, Jr.  
actg DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

# ILLINOIS CENTRAL RAILROAD CROSSINGS LOCATION MAPS



LOCATION NO. 1  
CITY OF CHAMPAIGN

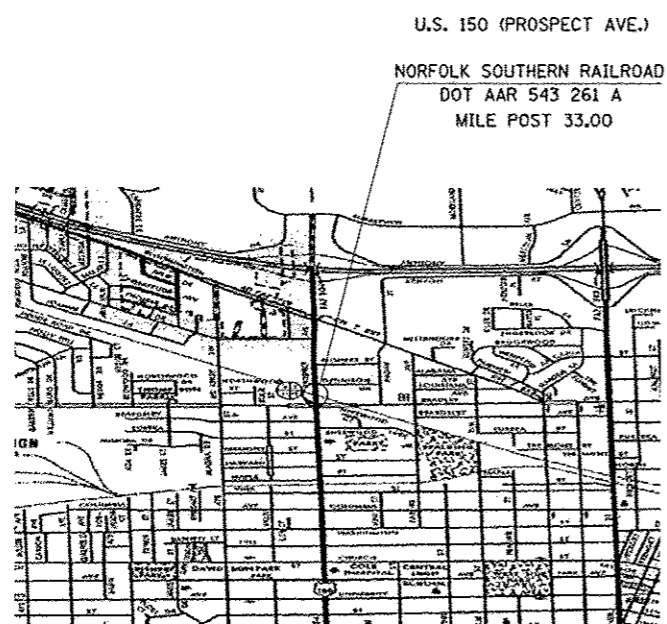


LOCATION NO. 2  
CITY OF CHAMPAIGN

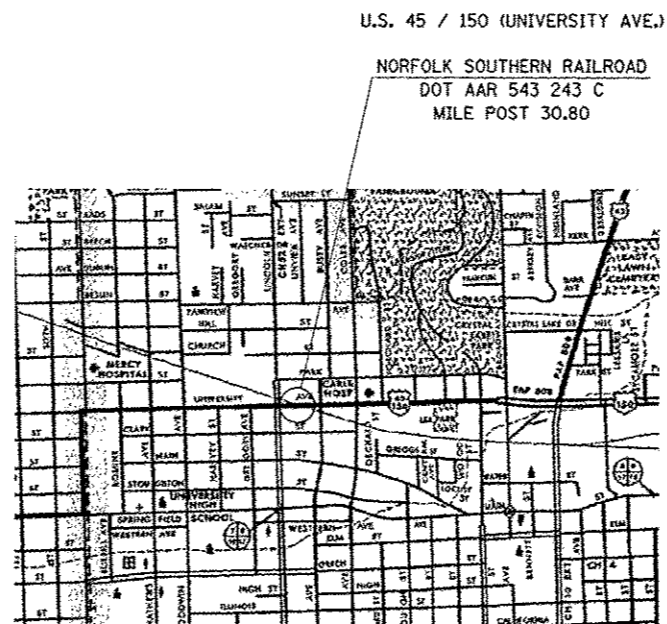
|                                       |                             |                |           |   |        |       |    |        |      |         |                           |                |        |                 |              |  |
|---------------------------------------|-----------------------------|----------------|-----------|---|--------|-------|----|--------|------|---------|---------------------------|----------------|--------|-----------------|--------------|--|
| FILE NAME :                           | USER NAME : biggard         | DESIGNED - ROB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | SCALE: | SHEET | OF | SHEETS | STA. | TO STA. | F.A.P.<br>RTE.            | SECTION        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |  |
| cd:\pwwork\pwwork\biggard\022222\0570 | 42-Design.dgn               | DRAWN - ROB    | REVISED - |   | *      |       |    |        |      |         |                           | DE MISC 2012-1 | **     | 18              | 2            |  |
|                                       | PLOT SCALE = 48.0000' / in. | CHECKED -      | REVISED - |   |        |       |    |        |      |         |                           |                |        |                 |              |  |
|                                       | PLOT DATE : 3/22/2012       | DATE -         | REVISED - |   |        |       |    |        |      |         |                           |                |        |                 |              |  |
|                                       |                             |                |           |   |        |       |    |        |      |         | ILLINOIS FED. AID PROJECT |                |        |                 |              |  |

\* VARIOUS  
\*\* CHAMPAIGN, VERMILION, MCLEAN

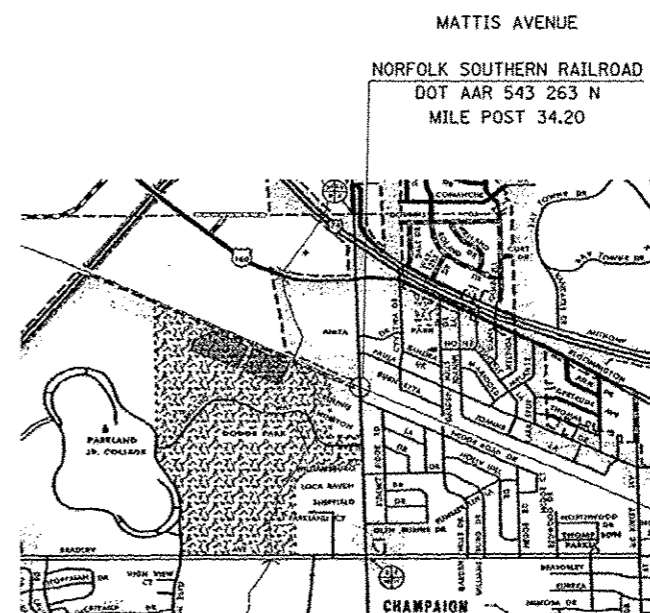
# NORFOLK SOUTHERN RAILROAD CROSSINGS LOCATION MAPS



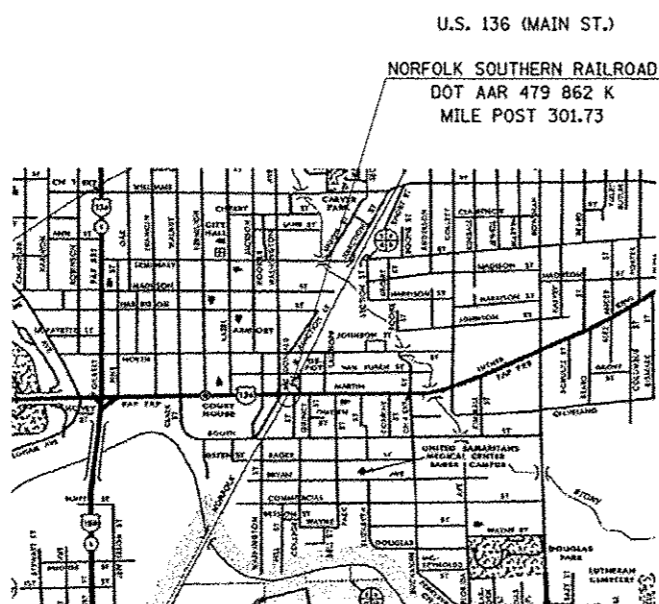
**LOCATION NO. 3**  
CITY OF CHAMPAIGN



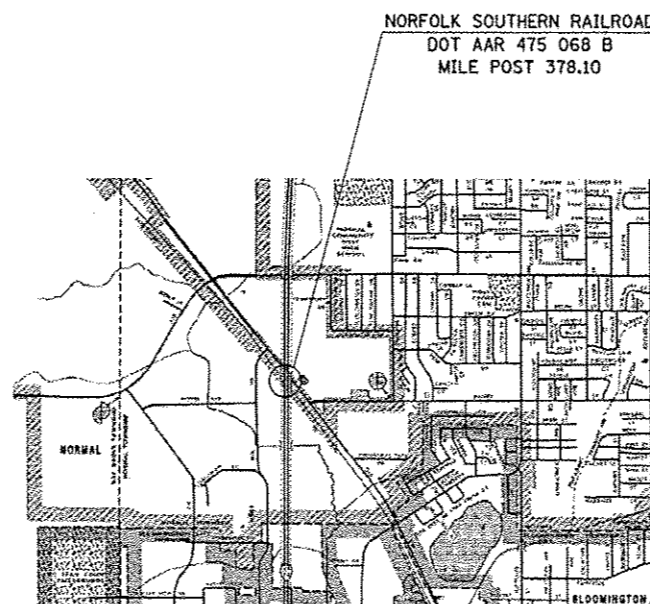
**LOCATION NO. 4**  
CITY OF URBANA  
I-55



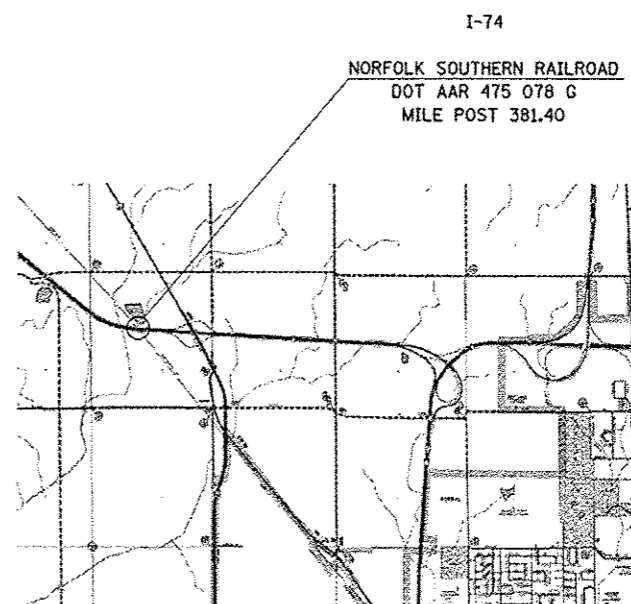
**LOCATION NO. 5**  
CITY OF CHAMPAIGN



**LOCATION NO. 6**  
CITY OF DANVILLE



**LOCATION NO. 7**  
CITY OF NORMAL



**LOCATION NO. 8**  
MCLEAN COUNTY  
BLOOMINGTON / NORMAL

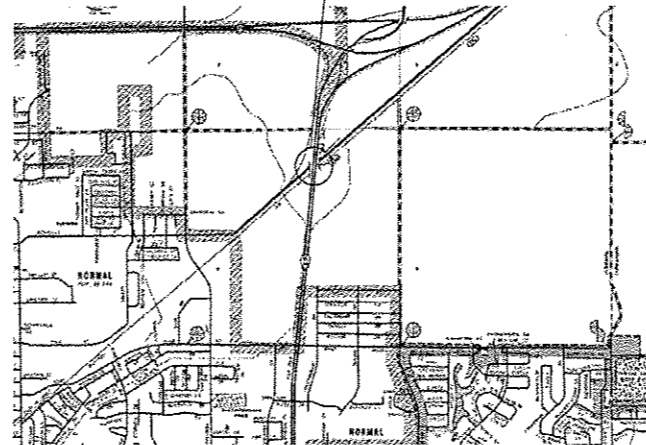
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|-------------|-----------------------------|----------------|-----------|---|-------------|-------|----------------|--------|---------------------------|--------------|-----------|
| FILE NAME : | USER NAME : biggerd         | DESIGNED - ROB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | SCALE:      | SHEET | OF             | SHEETS | STA.                      | TO STA.      |           |
|             | 42-Design.dgn               | DRAWN - RDB    | REVISED - |   |             |       |                |        |                           |              |           |
|             | PLOT SCALE : 48.0000' / in. | CHECKED -      | REVISED - |   |             |       |                |        |                           |              |           |
|             | PLOT DATE : 3/22/2012       | DATE -         | REVISED - |   |             |       |                |        |                           |              |           |
|             |                             |                |           |   | F.A.P. RTE. |       | SECTION        |        | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|             |                             |                |           |   | •           |       | DE MISC 2012-1 |        | **                        | 18           | 3         |
|             |                             |                |           |   |             |       |                |        | CONTRACT NO. 70942        |              |           |
|             |                             |                |           |   |             |       |                |        | ILLINOIS FED. AID PROJECT |              |           |

\* VARIOUS  
\*\* CHAMPAIGN, VERMILION, MCLEAN

# NORFOLK SOUTHERN RAILROAD CROSSINGS LOCATION MAP

I-55 BUS. (VETERAN'S PARKWAY)

UNION PACIFIC RAILROAD  
DOT AAR 290 806 A  
MILE POST 121.90



LOCATION NO. 9

MCLEAN COUNTY  
BLOOMINGTON / NORMAL

|  |  |                |           |   |  |        |                 |              |      |                    |        |              |           |  |
|--|--|----------------|-----------|---|--|--------|-----------------|--------------|------|--------------------|--------|--------------|-----------|--|
| FILE NAME :                                | USER NAME : biggsrd  | DESIGNED - ROB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> |  | SCALE: | SHEET OF SHEETS | STA. TO STA. | F.A. | SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |  |
| cr:\pw\work\pwr\dnt\biggsrd\102727221\0570 | 142-Design\udgn  | DRAWN - ROB    | REVISED - |   |  |        |                 |              |      |                    |        |              |           |  |
|  | PLOT SCALE : 40.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | CHECKED -      | REVISED - |   |  |        |                 |              |      |                    |        |              |           |  |
|  | PLOT DATE : 3/22/2012  | DATE -         | REVISED - |   |  |        |                 |              |      |                    |        |              |           |  |
| ILLINOIS FED. AID PROJECT                  |  |                |           |   |  |        |                 |              |      | CONTRACT NO. 70942 |        |              |           |  |

\* VARIOUS  
\*\* CHAMPAIGN, VERMILION, MCLEAN

# INDEX OF SHEETS

|           |   |
|-----------|---|
| 1         | COVER SHEET   |
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| 5         | INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES   |
| 6         | SUMMARY OF QUANTITIES   |
| 7 - 8     | LOCATION 1 - 2, PLANS SHEETS - ILLINOIS CENTRAL RAILROAD CROSSING LOCATIONS   |
| 9 - 17    | LOCATION 3 - 8, PLANS SHEETS - NORFOLK SOUTHERN RAILROAD CROSSING LOCATIONS   |
| 17 - 18   | LOCATION 9, PLAN SHEETS - UNION PACIFIC RAILROAD CROSSING LOCATIONS   |
| 18A - 18B | LOCATION 9, PLAN SHEETS - UNION PACIFIC RAILROAD CROSSING FIBER OPTIC CONTINUATION TO I-55 STRUCTURE OVER VETERAN'S PARKWAY |
| 18C       | LOCATION 9, PLAN SHEETS - UNION PACIFIC RAILROAD CROSSING FIBER OPTIC CONTINUATION TO SHEPARD RD. AND VETERAN'S PARKWAY     |

# GENERAL NOTES

G.N. - 100 ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-105.07 EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OPERATIONS ENGINEER TWO WEEKS PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES. THE STATE WILL THEN LOCATE AND MARK THE HORIZONTAL LOCATIONS OF THE LINES AND PROVIDE ANY AVAILABLE INFORMATION AS TO THEIR DEPTH. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATING OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G. N. -107. 12  
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

|  |  |
|--|--|
| Mr. Jonathan Griffith<br>Technical Service Engineer<br>CN Railroad<br>17641 South Ashland Avenue<br>Homewood, IL 60430<br>(708) 332-6581 | Mr. David W. McKernan<br>Manager Industry & Public Projects<br>Union Pacific Railroad<br>100 North Broadway, Suite 1500<br>St. Louis, MO 63102<br>(314) 331-0682 |
|--|--|

Ms. Debbie Farney  
Division Office Manager-Illinois Division  
Norfolk Southern Railway Company  
1735 East Condit Street  
Decatur, IL. 62521  
(217) 425-2044

SPECIAL ATTENTION IS CALLED TO ARTICLE 107. 12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

|   |  |  |
|---|--|--|
| CN Railroad<br>Ms. MaryEllen Carmody<br>2800 Livernols Rd<br>Troy, MI 48083<br>(248) 740-6227 | Mr. Greg Patton<br>Manager Track Maintenance<br>Union Pacific Railroad<br>811 W. Chestnut<br>Bloomington, IL 61701<br>(402) 501-3734 | Mr. Joe Parise<br>Track Supervisor<br>Norfolk Southern Railway Company<br>Illinois Division<br>2100 West College<br>Normal, IL 61761<br>(309) 451-8016 |
|---|--|--|

|   |   |
|---|---|
| Mr. Ken Michael<br>Track Supervisor<br>Norfolk Southern Railway Company<br>Illinois Division<br>P. O. Box 242<br>Sidney, IL 61877<br>(217) 425-2130 | <u>For Bridge Locations only</u><br>Mr. Howard Swanson<br>Asst. Division Engineer-Bridges Illinois Division<br>Norfolk Southern Railway Company<br>Illinois Division<br>1735 East Condit Street<br>Decatur, IL. 62521<br>(217) 425-2042 |
|---|---|

# HIGHWAY STANDARDS

| Standard  | Description   |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                                  |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT  |
| 701006-03 | OFF-ROAD OPERATIONS, 2L 2W 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE.      |
| 701101-02 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE |
| 701422-05 | LANE CLOSURE, MULTI-LANE, FOR SPEEDS ≥ 45 TO 55 MPH                           |
| 701502-04 | URBAN LANE CLOSURE, 2L 2W WITH BIDIRECTIONAL LEFT TURN LANE                   |
| 701602-05 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE           |
| 701606-08 | URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN                       |
| 701801-05 | LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE                |
| 701901-02 | TRAFFIC CONTROL DEVICES   |
| 814001-02 | HANDHOLES   |

|   |  |                |           |   |   |                             |                |        |              |           |  |
|---|--|----------------|-----------|---|---|-----------------------------|----------------|--------|--------------|-----------|--|
| FILE NAME :<br>c:\pwwork\pwwork\biggard\0272722\0570                  | USER NAME : biggard<br>042-Design\bigg | DESIGNED - ROB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>INDEX OF SHEETS, HIGHWAY STANDARDS<br/>&amp; GENERAL NOTES</b> | F.A. RTE.                   | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |  |
|   | PLOT SCALE : 40,0000' / in.            | DRAWN - ROB    | REVISED - |   |   | *                           | DE MISC 2012-1 | XX     | 18           | 5         |  |
|   | PLOT DATE : 4/24/2012                  | CHECKED -      | REVISED - |   |   | CONTRACT NO. 70942          |                |        |              |           |  |
|   |  | DATE -         | REVISED - |   |   | ILLINOIS FED. AID PROJECT   |                |        |              |           |  |
| SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____ |  |                |           |   |   | * ILLINOIS FED. AID PROJECT |                |        |              |           |  |

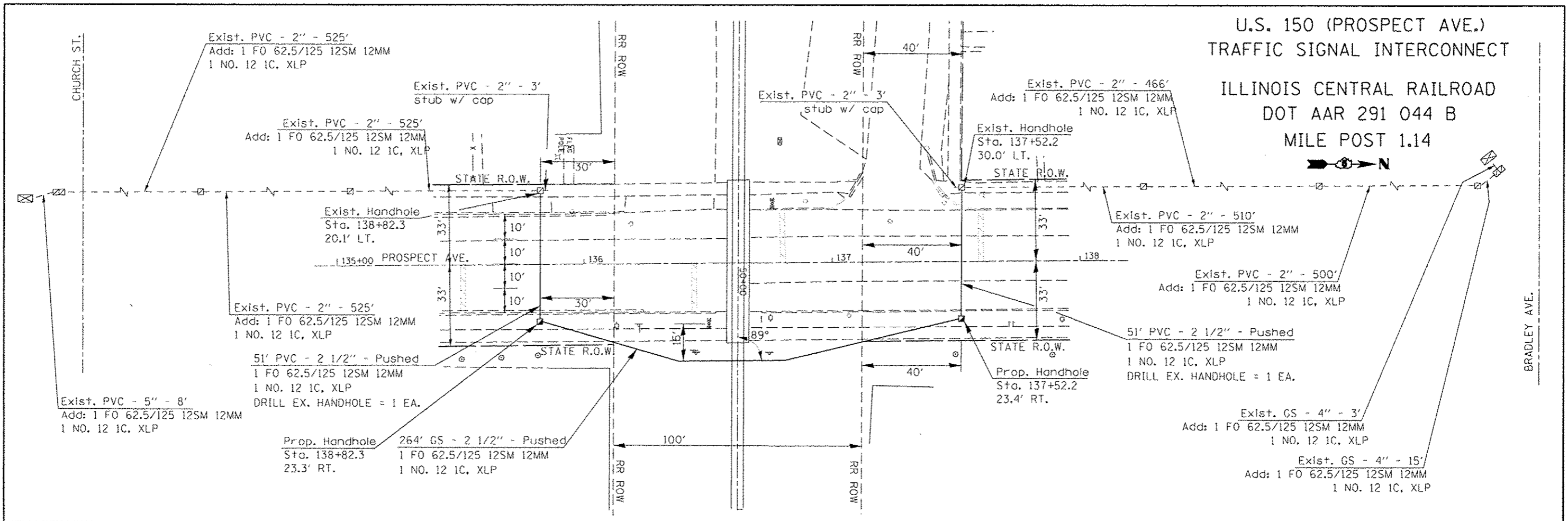
CHAMPAIGN, VERMILION, McLEAN

01/25/12

### SUMMARY OF QUANTITIES

| CODE NO                 | ITEM  | UNIT     | TOTAL QUANTITY | LOCATION OF WORK:   |   |   |   |   |   |  |   |   |                 |  |
|-------------------------|---|----------|----------------|---|---|---|---|---|---|--|---|---|-----------------|--|
|                         |   |          |                | URBAN LOCATION #1<br>FAP 804<br>PROSPECT AVE.<br>ICRR CROSSING<br>DOT AAR 291044 B<br>MILE POST 1.14<br>CHAMPAIGN CO. | URBAN LOCATION #2<br>FAP 801<br>SPRINGFIELD AVE.<br>ICRR CROSSING<br>DOT AAR 289 076 G<br>MILE POST 128.15<br>CHAMPAIGN CO. | URBAN LOCATION #3<br>FAP 804<br>PROSPECT AVE.<br>NSRR CROSSING<br>DOT AAR 543 261 A<br>MILE POST 33.00<br>CHAMPAIGN CO. | URBAN LOCATION #4<br>FAP 808<br>UNIVERSITY AVE.<br>NSRR CROSSING<br>DOT AAR 543 243 C<br>MILE POST 30.80<br>CHAMPAIGN CO. | URBAN LOCATION #5<br>FAP 811<br>MATTIS AVE.<br>NSRR CROSSING<br>DOT AAR 543 263 N<br>MILE POST 34.20<br>CHAMPAIGN CO. | URBAN LOCATION #6<br>FAP 729<br>MAIN ST.<br>NSRR CROSSING<br>DOT AAR 479 862 K<br>MILE POST 301.73<br>VERMILION CO. | URBAN LOCATION #7<br>FAI-55<br>I-55<br>NSRR CROSSING<br>DOT AAR 475 068 B<br>MILE POST 378.1<br>MCLEAN CO. | RURAL LOCATION #8<br>FAI-74<br>I-74<br>NSRR CROSSING<br>DOT AAR 475 078 G<br>MILE POST 381.40<br>MCLEAN CO. | URBAN LOCATION #9<br>FAP 704<br>VETERAN'S PKWY<br>UPRR<br>DOT AAR 290 806 A<br>MILE POST 121.90<br>MCLEAN CO. |                 |  |
| CONSTRUCTION TYPE CODE: |   |          |                | 100% STATE 0021   | 100% STATE 0021   | 100% STATE 0021   | 100% STATE 0021   | 100% STATE 0021   | 100% STATE 0021   | 100% STATE 0021  | 100% STATE 0021   | 100% STATE 0021   | 100% STATE 0021 |  |
| QUANTITY                | QUANTITY  | QUANTITY | QUANTITY       | QUANTITY  | QUANTITY  | QUANTITY  | QUANTITY  | QUANTITY  | QUANTITY  | QUANTITY   | QUANTITY  | QUANTITY  | QUANTITY        |  |
| 67100100                | MOBILIZATION  | L SUM    | 1.0            | .2  | .1  | .1  | .1  | .1  | .1  | .1   | .1  | .1  | .1              |  |
| 70100320                | TRAFFIC CONTROL AND PROTECTION, STANDARD 701422           | L SUM    | 1.0            |   |   |   |   |   |   |  | .5  | .5  |                 |  |
| 70102622                | TRAFFIC CONTROL AND PROTECTION, STANDARD 701502           | L SUM    | 1.0            |   | .2  |   | .3  | .2  | .3  |  |   |   |                 |  |
| 70102625                | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606           | L SUM    | 1.0            | .3  |   | .3  |   |   |   |  |   |   | .4              |  |
| 70102640                | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801           | L SUM    | 1.0            | .2  | .2  | .3  | .3  |   |   |  |   |   |                 |  |
| 81028210                | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.        | FOOT     | 3,312.0        | 366.0   | 560.0   | 335.0   |   | 490.0   |   |  | 532.0   | 611.0   | 418.0           |  |
| 81400100                | HANDHOLE  | EACH     | 9.0            | 2.0   | 1.0   | 1.0   |   |   |   |  | 2.0   | 2.0   | 1.0             |  |
| 81500130                | GULFBOX JUNCTION REMOVAL                                  | EACH     | 1.0            |   |   | 1.0   |   |   |   |  |   |   |                 |  |
| 81702100                | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT     | 18,120.0       | 3,443.0   | 1,610.0   | 2,162.0   | 1,620.0   | 1,407.0   | 898.0   | 532.0  | 611.0   |   | 5,837.0         |  |
| 87100020                | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F   | FOOT     | 11,582.0       | 3,546.0   | 1,670.0   | 2,246.0   | 1,710.0   | 1,452.0   | 958.0   |  |   |   |                 |  |
| 87900200                | DRILL EXISTING HANDHOLE                                   | EACH     | 10.0           | 2.0   |   | 2.0   |   |   |   | 2.0  | 2.0   |   | 2.0             |  |
| 89502300                | REMOVE ELECTRIC CABLE FROM CONDUIT                        | FOOT     | 958.0          |   |   |   |   |   | 958.0   |  |   |   |                 |  |
| X8710012                | FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY)               | FOOT     | 1,169.0        |   |   |   |   |   |   | 545.0  | 624.0   |   |                 |  |
| Z0048665                | RAILROAD PROTECTIVE LIABILITY INSURANCE                   | L SUM    | 1.0            | .2  | .1  | .1  | .1  | .1  | .1  | .1   | .1  | .1  | .1              |  |
| X8710031                | FIBER OPTIC CABLE, 36 FIBER, SINGLE MODE                  | FOOT     | 5,968.0        |   |   |   |   |   |   |  |   |   | 5,968.0         |  |

U.S. 150 (PROSPECT AVE.)  
 TRAFFIC SIGNAL INTERCONNECT  
 ILLINOIS CENTRAL RAILROAD  
 DOT AAR 291 044 B  
 MILE POST 1.14



| 764   | Exist. PVC Conduit<br>Prop. Fiber Optic Cable<br>to Church St.  | 100 FT.  | Exist. PVC Conduit<br>Prop. Fiber Optic Cable<br>to Bradley Ave.  | 764  |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
|---|---|----------|---|------|----------|--|------|-----|----------|------|---|---|------|------|---|------|------|-------------------------|------|---|--|-----|
| 762   |   |          |   | 762  |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| 760   |   |          |   | 760  |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| 758   |   |          |   | 758  |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| 756   | <b>BILL OF MATERIALS</b><br>DOT AAR 291 044 B<br>CHAMPAIGN - PROSPECT AVE S. OF BROADWAY AVE.   |          | NOTE: HANDHOLES WILL BE APPROXIMATELY<br>3' x 3' x 3' IN SIZE WITH AN 18"<br>FRENCH DRAIN BELOW THE STRUCTURES.<br>BORE PITS WILL NOT BE REQUIRED.<br><br>CALL J.U.L.I.E. PRIOR TO EXCAVATING<br>1-800-892-0123 OR 811<br><br>FOR LOCATIONS OF THE UNDERGROUND<br>RAILROAD FACILITIES, CONTACT:<br>ILLINOIS CENTRAL RAILROAD<br>KENNY HAMM (217) 649-3308 | 756  |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| 754   | <table border="1"> <thead> <tr> <th>ITEM</th> <th>UNIT</th> <th>QUANTITY</th> </tr> </thead> <tbody> <tr> <td>UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.</td> <td>FOOT</td> <td>366</td> </tr> <tr> <td>HANDHOLE</td> <td>EACH</td> <td>2</td> </tr> <tr> <td>ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12</td> <td>FOOT</td> <td>3443</td> </tr> <tr> <td>FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F</td> <td>FOOT</td> <td>3546</td> </tr> <tr> <td>DRILL EXISTING HANDHOLE</td> <td>EACH</td> <td>2</td> </tr> </tbody> </table> | ITEM     |   | UNIT | QUANTITY | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA. | FOOT | 366 | HANDHOLE | EACH | 2 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT | 3443 | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F | FOOT | 3546 | DRILL EXISTING HANDHOLE | EACH | 2 |  | 754 |
| ITEM  | UNIT  | QUANTITY |   |      |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.        | FOOT  | 366      |   |      |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| HANDHOLE  | EACH  | 2        |   |      |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT  | 3443     |   |      |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F   | FOOT  | 3546     |   |      |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| DRILL EXISTING HANDHOLE                                   | EACH  | 2        |   |      |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |
| 752   |   |          |   | 752  |          |  |      |     |          |      |   |   |      |      |   |      |      |                         |      |   |  |     |

|  |                     |                |           |   |   |                           |        |              |           |
|--|---------------------|----------------|-----------|---|---|---------------------------|--------|--------------|-----------|
| FILE NAME -                              | USER NAME - biggerd | DESIGNED - RDB | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | F.A. RTE.                               | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| ci:\p\work\pvidot\biggerd\dot272722\0576 | 442-Design.dgn      | DRAWN - RDB    | REVISED - |   | DE MISC 2012-1                          | **                        | 18     | 7            |           |
| PLOT SCALE - 48,8888' / in.              | CHECKED -           | REVISED -      | REVISED - |   | CONTRACT NO. 70942                      | ILLINOIS FED. AID PROJECT |        |              |           |
| PLOT DATE - 3/22/2012                    | DATE -              | REVISED -      | REVISED - |   | SCALE: SHEET NO. OF SHEETS STA. TO STA. |                           |        |              |           |

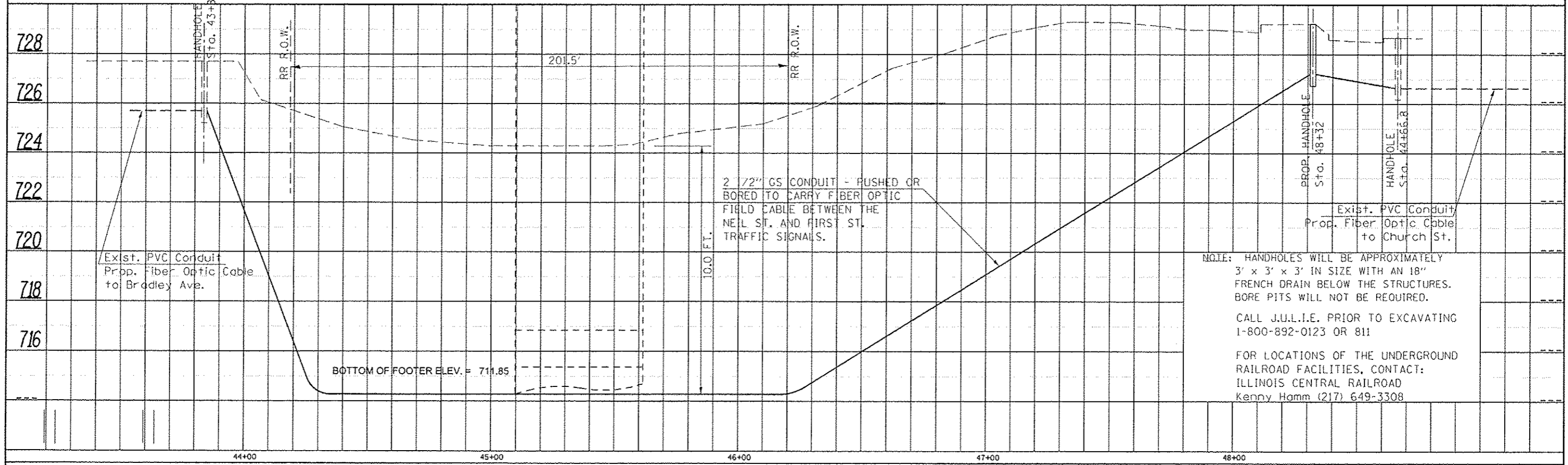
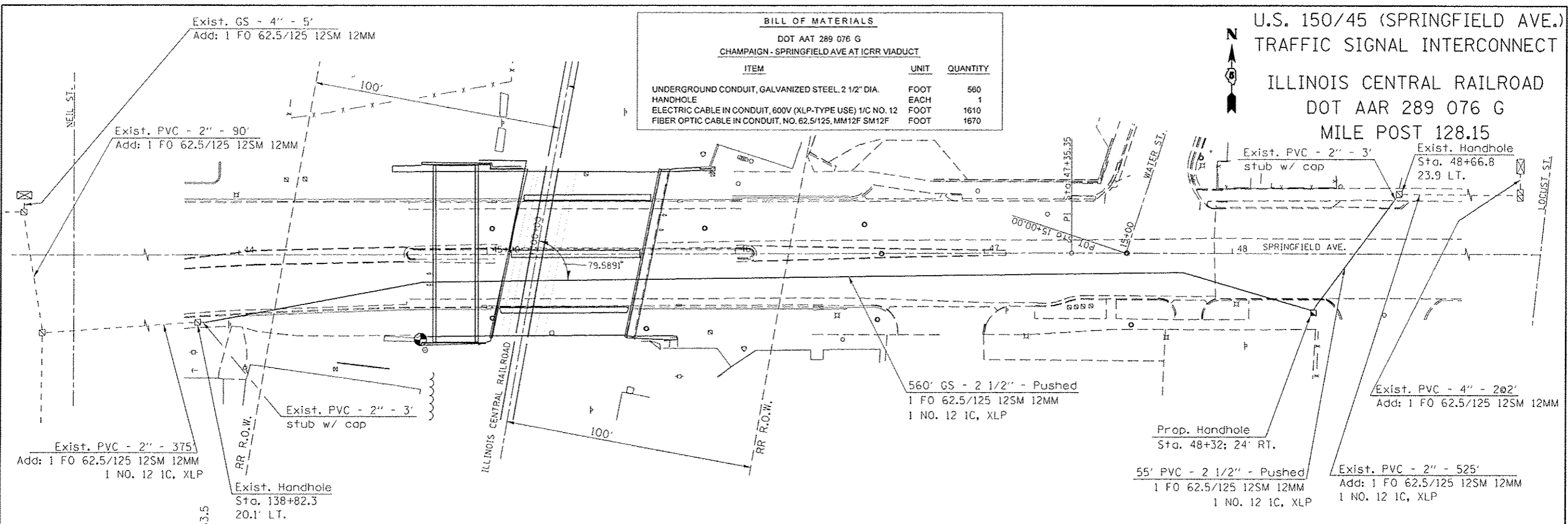
\* VARIOUS  
 \*\* CHAMPAIGN, VERMILION, McLEAN



U.S. 150/45 (SPRINGFIELD AVE.)  
 TRAFFIC SIGNAL INTERCONNECT  
 ILLINOIS CENTRAL RAILROAD  
 DOT AAR 289 076 G  
 MILE POST 128.15

**BILL OF MATERIALS**  
 DOT AAT 289 076 G  
 CHAMPAIGN - SPRINGFIELD AVE AT ICRR VIADUCT

| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.        | FOOT | 560      |
| HANDHOLE  | EACH | 1        |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT | 1610     |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F   | FOOT | 1670     |



NOTE: HANDHOLES WILL BE APPROXIMATELY 3' x 3' x 3' IN SIZE WITH AN 18" FRENCH DRAIN BELOW THE STRUCTURES. BORE PITS WILL NOT BE REQUIRED.  
 CALL J.U.L.I.E. PRIOR TO EXCAVATING 1-800-892-0123 OR 811  
 FOR LOCATIONS OF THE UNDERGROUND RAILROAD FACILITIES, CONTACT: ILLINOIS CENTRAL RAILROAD Kenny Hamm (217) 649-3308

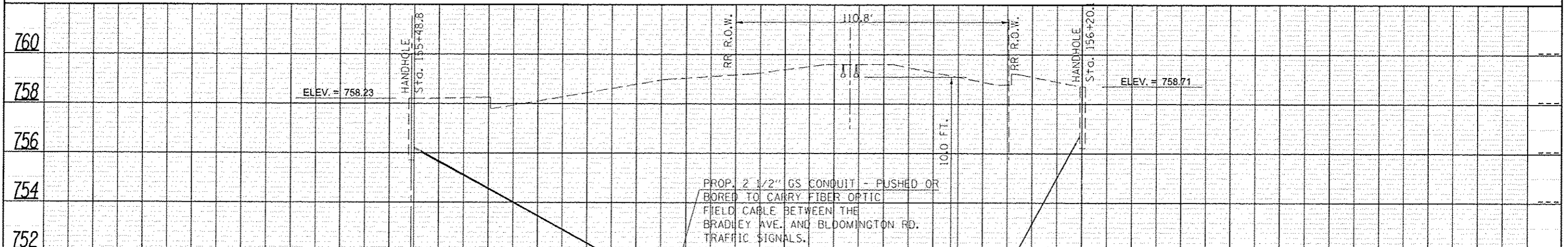
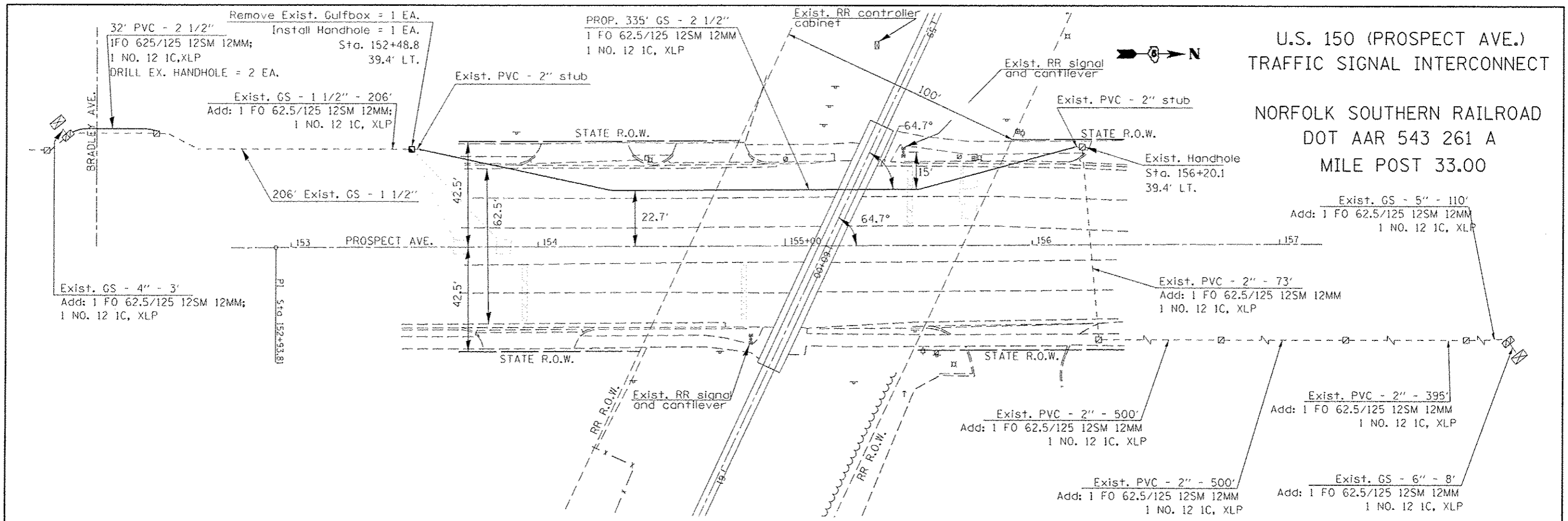
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|---|-------------------------------|---------------|----------|---|---------------------------|---------|--------|--------------|-----------|
| FILE NAME: c:\pwwork\dot\biggord\0272722\0570 | USER NAME: biggord            | DESIGNED: ROB | REVISED: | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | F.A. RTE.                 | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|   | 142-Design.dgn                | DRAWN: ROB    | REVISED: |   | DE MISC 2012-1            |         |        | 18           | 8         |
|   | PLOT SCALE: 48.0000 1/4" = 1' | CHECKED:      | REVISED: |   | CONTRACT NO. 70942        |         |        |              |           |
|   | PLOT DATE: 4/24/2012          | DATE:         | REVISED: |   | ILLINOIS FED. AID PROJECT |         |        |              |           |

VARIOUS  
 CHAMPAIGN, VERMILION, McLEAN



**U.S. 150 (PROSPECT AVE.)  
TRAFFIC SIGNAL INTERCONNECT**

**NORFOLK SOUTHERN RAILROAD  
DOT AAR 543 261 A  
MILE POST 33.00**



| BILL OF MATERIALS  |   |          |      |
|--|---|----------|------|
| DOT AAR 543 261 A<br>CHAMPAIGN - PROSPECT AVE N. OF BROADWAY |   |          |      |
| ITEM   | UNIT  | QUANTITY |      |
| 748  | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.        | FOOT     | 335  |
|  | HANDHOLE  | EACH     | 1    |
|  | GULFBOX JUNCTION REMOVAL                                  | EACH     | 1    |
|  | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/2 NO. 12 | FOOT     | 2162 |
|  | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F   | FOOT     | 2246 |
|  | DRILL EXISTING HANDHOLE                                   | EACH     | 2    |

CALL J.U.L.I.E. PRIOR TO EXCAVATING  
1-800-892-0123 OR 811

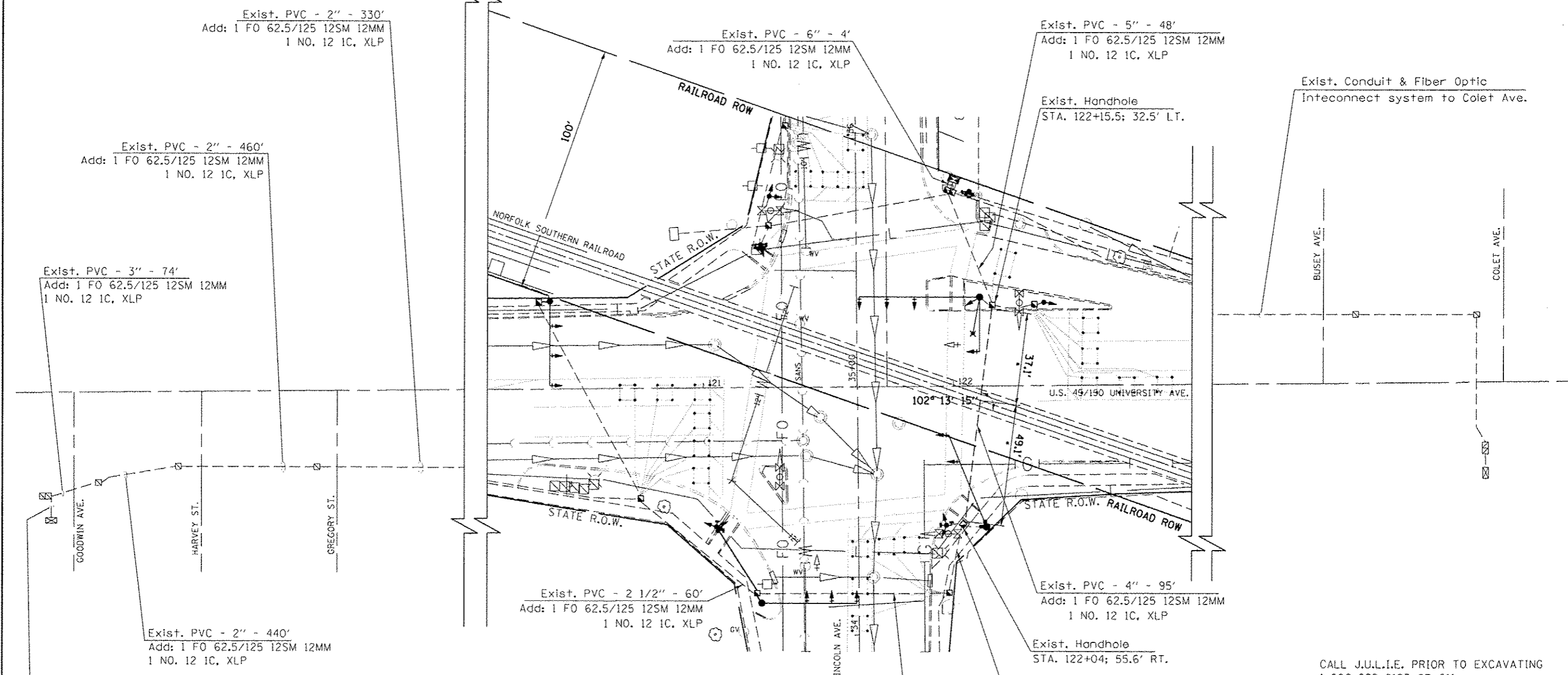
FOR LOCATIONS OF THE UNDERGROUND  
RAILROAD SIGNAL UTILITIES, CONTACT:  
NORFOLK SOUTHERN RAILROAD  
GREG TEMPLE (217) 853-9255  
LYNN HYMSTED (217) 433-3293

BORE PITS WILL NOT BE REQUIRED.

\* \* CHAMPAIGN, VERMILION, MCLAREN

U.S. 45 / 150 (UNIVERSITY AVE.)  
TRAFFIC SIGNAL INTERCONNECT

NORFOLK SOUTHERN RAILROAD  
DOT AAR 543 243 C  
MILE POST 30.80



Exist. Conduit & Fiber Optic  
Interconnect system to Colet Ave.

CALL J.U.L.I.E. PRIOR TO EXCAVATING  
1-800-892-0123 OR 811

FOR LOCATIONS OF THE UNDERGROUND  
RAILROAD SIGNAL UTILITIES, CONTACT:  
NORFOLK SOUTHERN RAILROAD  
GREG TEMPLE (217) 853-9255  
LYNN HYMSTED (217) 433-3293

BORE PITS WILL NOT BE REQUIRED.

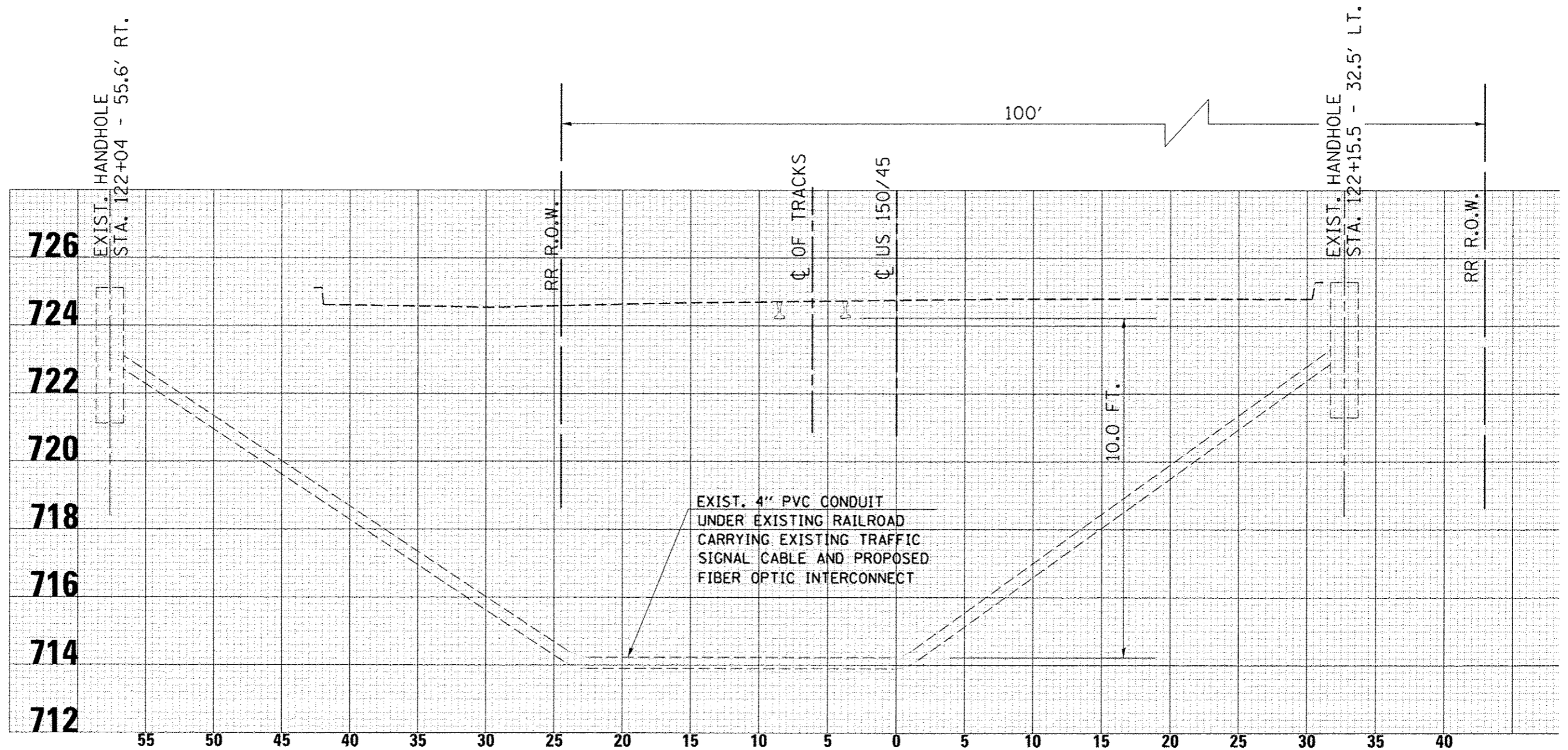
| BILL OF MATERIALS  |      |          |  |
|--|------|----------|--|
| DOT AAR 543 243 C  |      |          |  |
| URBANA - U.S. 45 / U.S 150 (UNIVERSITY AVE. AT LINCOLN AVE.) |      |          |  |
| ITEM   | UNIT | QUANTITY |  |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12    | FOOT | 1620     |  |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F      | FOOT | 1710     |  |

|   |                            |            |     |           |  |   |                     |                |         |              |           |
|---|----------------------------|------------|-----|-----------|--|---|---------------------|----------------|---------|--------------|-----------|
| FILE NAME :                                       | USER NAME : biggs-d        | DESIGNED - | ROB | REVISED - |  | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | F.A. RTE.           | SECTION        | COUNTY  | TOTAL SHEETS | SHEET NO. |
| c:\pwwork\pwwork\biggs-d\22722\0578942-Design.dgn |                            | DRAWN -    | RDB | REVISED - |  |   |                     | DE MISC 2012-1 | * * *   | 18           | 10        |
|   | PLOT SCALE = 48.8689' / 1" | CHECKED -  |     | REVISED - |  |   | SCALE:              |                |         |              |           |
|   | PLOT DATE = 3/22/2012      | DATE -     |     | REVISED - |  |   | SHEET NO. OF SHEETS | STA.           | TO STA. |              |           |
| ILLINOIS FED. AID PROJECT                         |                            |            |     |           |  |   |                     |                |         |              |           |

\* \* \* CHAMPAIGN, YERMELEN, MCLEAN

# EXISTING CONDUIT PROFILE

NORFOLK SOUTHERN RAILROAD  
 DOT AAR 543 243 C  
 MILE POST 30.80



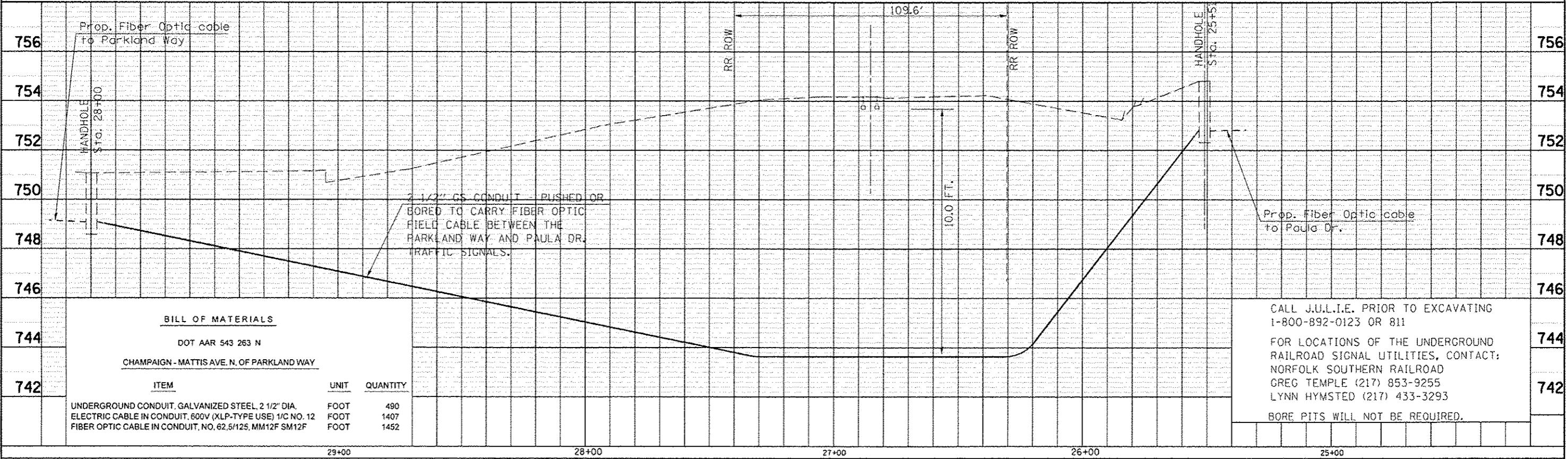
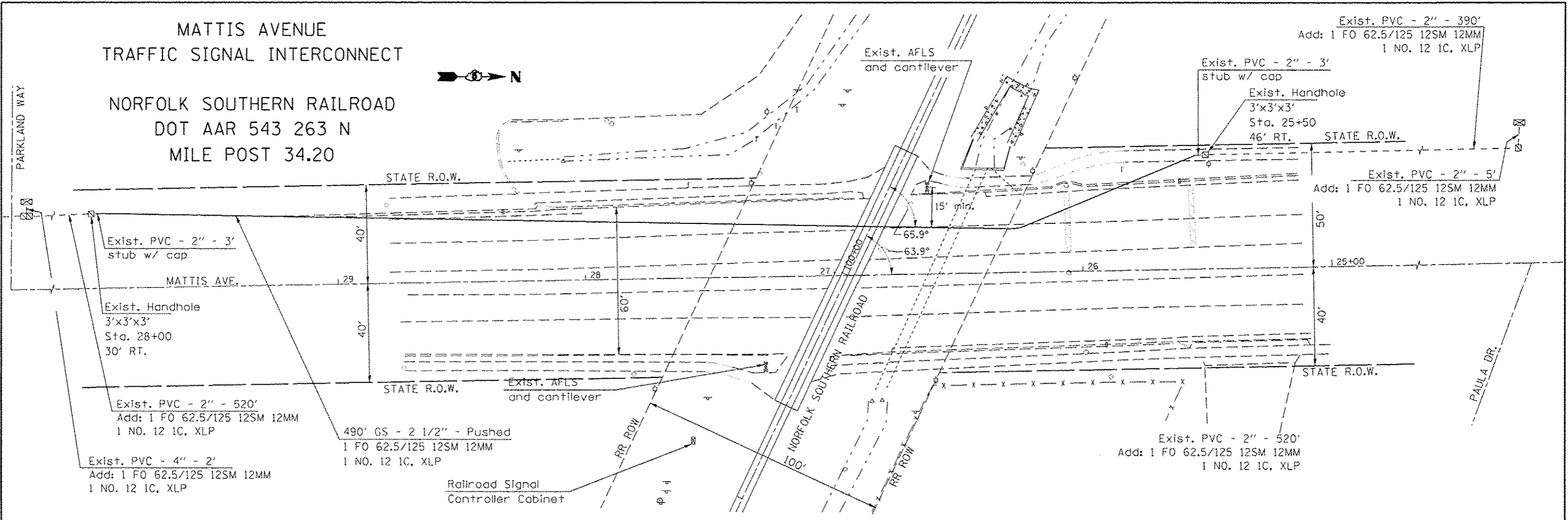
NOTE: UTILIZE EXISTING CONDUIT FOR PROPOSED FIBER OPTIC CABLE

|                                      |                             |                |           |   |        |           |    |        |      |         |              |                           |        |                 |              |                    |
|--------------------------------------|-----------------------------|----------------|-----------|---|--------|-----------|----|--------|------|---------|--------------|---------------------------|--------|-----------------|--------------|--------------------|
| FILE NAME =                          | USER NAME = biggard         | DESIGNED - RDB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | SCALE: | SHEET NO. | OF | SHEETS | STA. | TO STA. | F.A.<br>RTE. | SECTION                   | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |                    |
| on\p\work\p\dot\biggard\d027222\0578 | 42-Design.dgn               | DRAWN - RDB    | REVISED - |   |        |           |    |        |      |         |              | DE MISC 2012-1            | KK     | 18              | 11           |                    |
|                                      | PLOT SCALE = 48.0000' / in. | CHECKED -      | REVISED - |   |        |           |    |        |      |         |              |                           |        |                 |              | CONTRACT NO. 70942 |
|                                      | PLOT DATE = 3/22/2012       | DATE -         | REVISED - |   |        |           |    |        |      |         |              | ILLINOIS FED. AID PROJECT |        |                 |              |                    |

\* VARIOUS  
 \*\* CHAMPAIGN, VERMILION, McLEAN

MATTIS AVENUE  
TRAFFIC SIGNAL INTERCONNECT

NORFOLK SOUTHERN RAILROAD  
DOT AAR 543 263 N  
MILE POST 34.20



**BILL OF MATERIALS**

DOT AAR 543 263 N  
CHAMPAIGN - MATTIS AVE. N. OF PARKLAND WAY

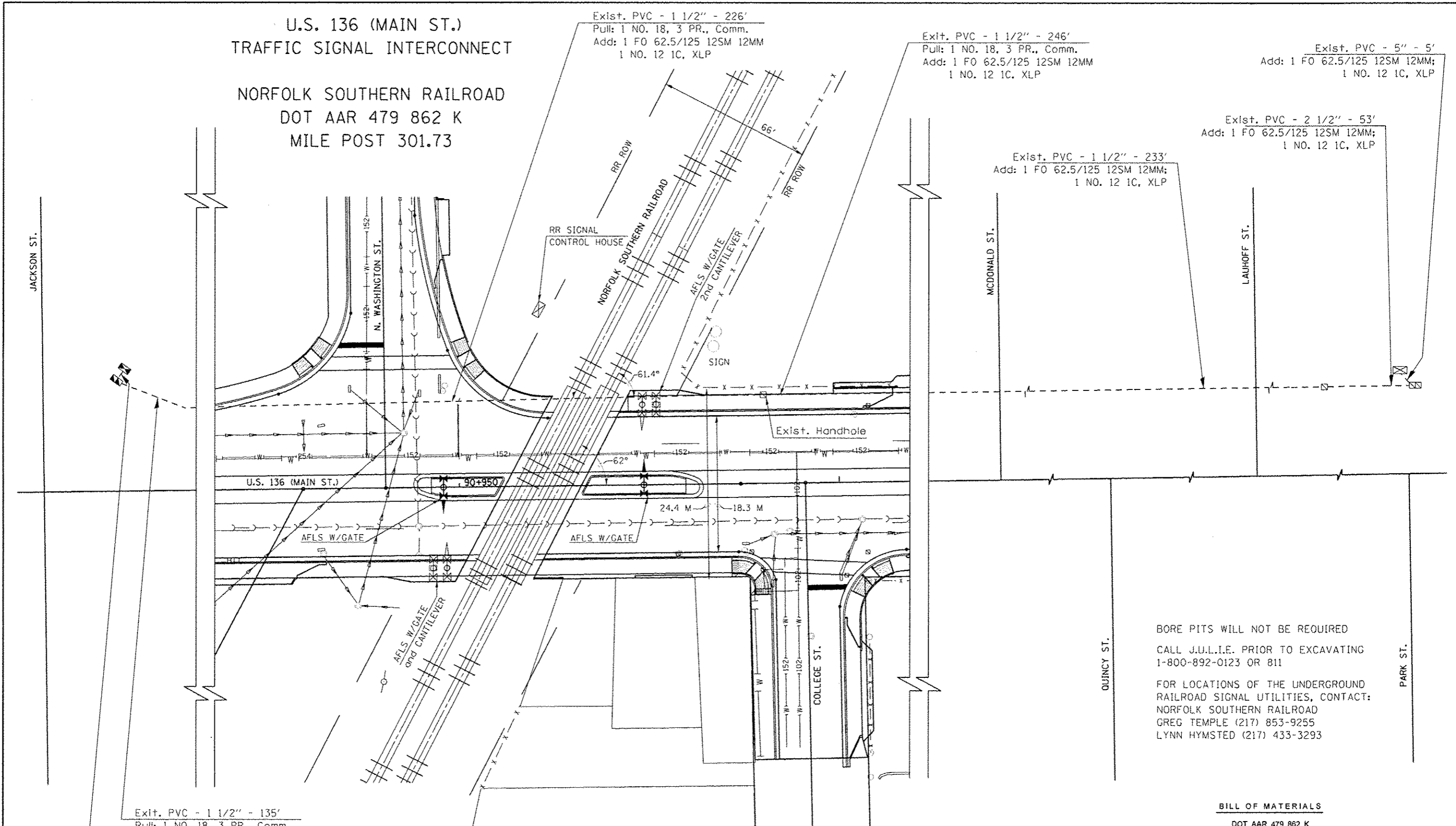
| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.        | FOOT | 490      |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/2 NO. 12 | FOOT | 1407     |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F   | FOOT | 1452     |

CALL J.U.L.I.E. PRIOR TO EXCAVATING  
1-800-892-0123 OR 811  
FOR LOCATIONS OF THE UNDERGROUND  
RAILROAD SIGNAL UTILITIES, CONTACT:  
NORFOLK SOUTHERN RAILROAD  
GREG TEMPLE (217) 853-9255  
LYNN HYMSTED (217) 433-3293  
BORE PITS WILL NOT BE REQUIRED.

VARIOUS  
\*\* CHAMPAIGN, VERMILION, MCLEAN

U.S. 136 (MAIN ST.)  
TRAFFIC SIGNAL INTERCONNECT

NORFOLK SOUTHERN RAILROAD  
DOT AAR 479 862 K  
MILE POST 301.73



Exist. PVC - 1 1/2" - 226'  
Pull: 1 NO. 18, 3 PR., Comm.  
Add: 1 FO 62.5/125 12SM 12MM  
1 NO. 12 IC, XLP

Exit. PVC - 1 1/2" - 246'  
Pull: 1 NO. 18, 3 PR., Comm.  
Add: 1 FO 62.5/125 12SM 12MM  
1 NO. 12 IC, XLP

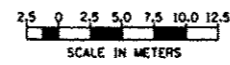
Exist. PVC - 5" - 5'  
Add: 1 FO 62.5/125 12SM 12MM;  
1 NO. 12 IC, XLP

Exist. PVC - 2 1/2" - 53'  
Add: 1 FO 62.5/125 12SM 12MM;  
1 NO. 12 IC, XLP

Exist. PVC - 1 1/2" - 233'  
Add: 1 FO 62.5/125 12SM 12MM;  
1 NO. 12 IC, XLP

Exit. PVC - 1 1/2" - 135'  
Pull: 1 NO. 18, 3 PR., Comm.  
Add: 1 FO 62.5/125 12SM 12MM  
1 NO. 12 IC, XLP

Exit. PVC - 1 1/2" - 1'  
Pull: 1 NO. 18, 3 PR., Comm.  
Add: 1 FO 62.5/125 12SM 12MM  
1 NO. 12 IC, XLP



BORE PITS WILL NOT BE REQUIRED  
CALL J.U.L.I.E. PRIOR TO EXCAVATING  
1-800-892-0123 OR 811  
FOR LOCATIONS OF THE UNDERGROUND  
RAILROAD SIGNAL UTILITIES, CONTACT:  
NORFOLK SOUTHERN RAILROAD  
GREG TEMPLE (217) 853-9255  
LYNN HYMSTED (217) 433-3293

**BILL OF MATERIALS**  
DOT AAR 479 862 K  
DANVILLE - MAIN ST. AT WASHINGTON ST.

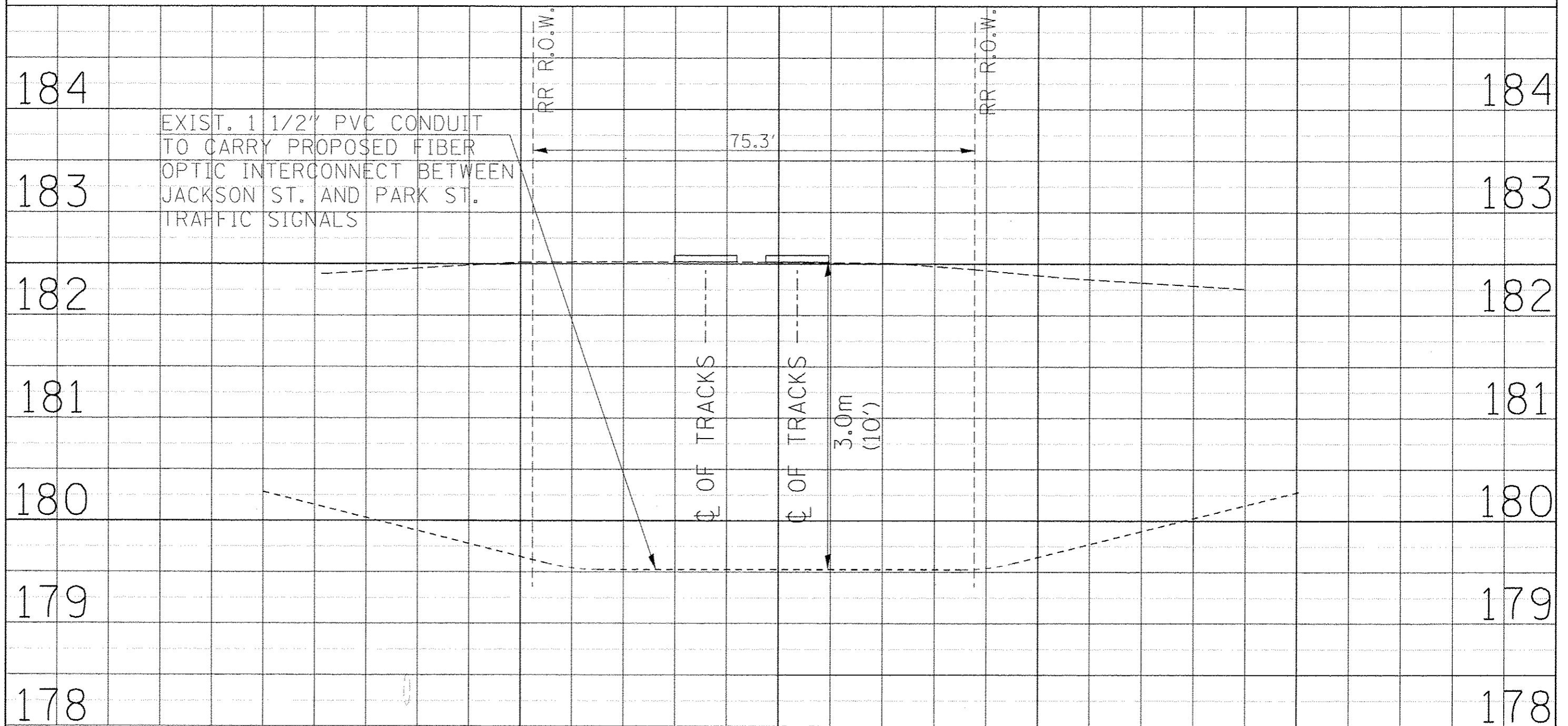
| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT | 898      |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F   | FOOT | 958      |
| REMOVE ELECTRIC CABLE FROM CONDUIT                        | FOOT | 958      |

|  |                     |                |           |   |                           |           |           |              |           |
|--|---------------------|----------------|-----------|---|---------------------------|-----------|-----------|--------------|-----------|
| FILE NAME =                                      | USER NAME = biggard | DESIGNED - RDB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | F.A. RTE.                 | SECTION   | COUNTY    | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pvidot\biggard\272722\057042-Design.dgn |                     | DRAWN - RDB    | REVISED - |   | DE MISC 2012-1            | **        | 18        | 13           |           |
| PLOT SCALE = 48,8008 1/16"                       |                     | CHECKED -      | REVISED - |   | CONTRACT NO. 70942        |           |           |              |           |
| PLOT DATE = 3/22/2012                            |                     | DATE -         | REVISED - |   | ILLINOIS FED. AID PROJECT |           |           |              |           |
|  |                     |                |           |   | SCALE:                    | SHEET NO. | OF SHEETS | STA.         | TO STA.   |

\* VARIOUS  
\*\* CHAMPAIGN, VERMILION, McLEAN



# EXISTING CONDUIT PROFILE



EXIST. 1 1/2" PVC CONDUIT  
TO CARRY PROPOSED FIBER  
OPTIC INTERCONNECT BETWEEN  
JACKSON ST. AND PARK ST.  
TRAFFIC SIGNALS

RR R.O.W.

RR R.O.W.

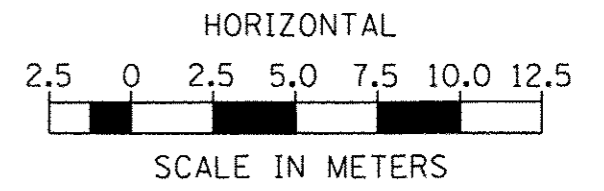
75.3'

3.0m  
(10')

CL OF TRACKS

CL OF TRACKS

NOTE: UTILIZE EXISTING CONDUIT FOR PROPOSED FIBER OPTIC CABLE



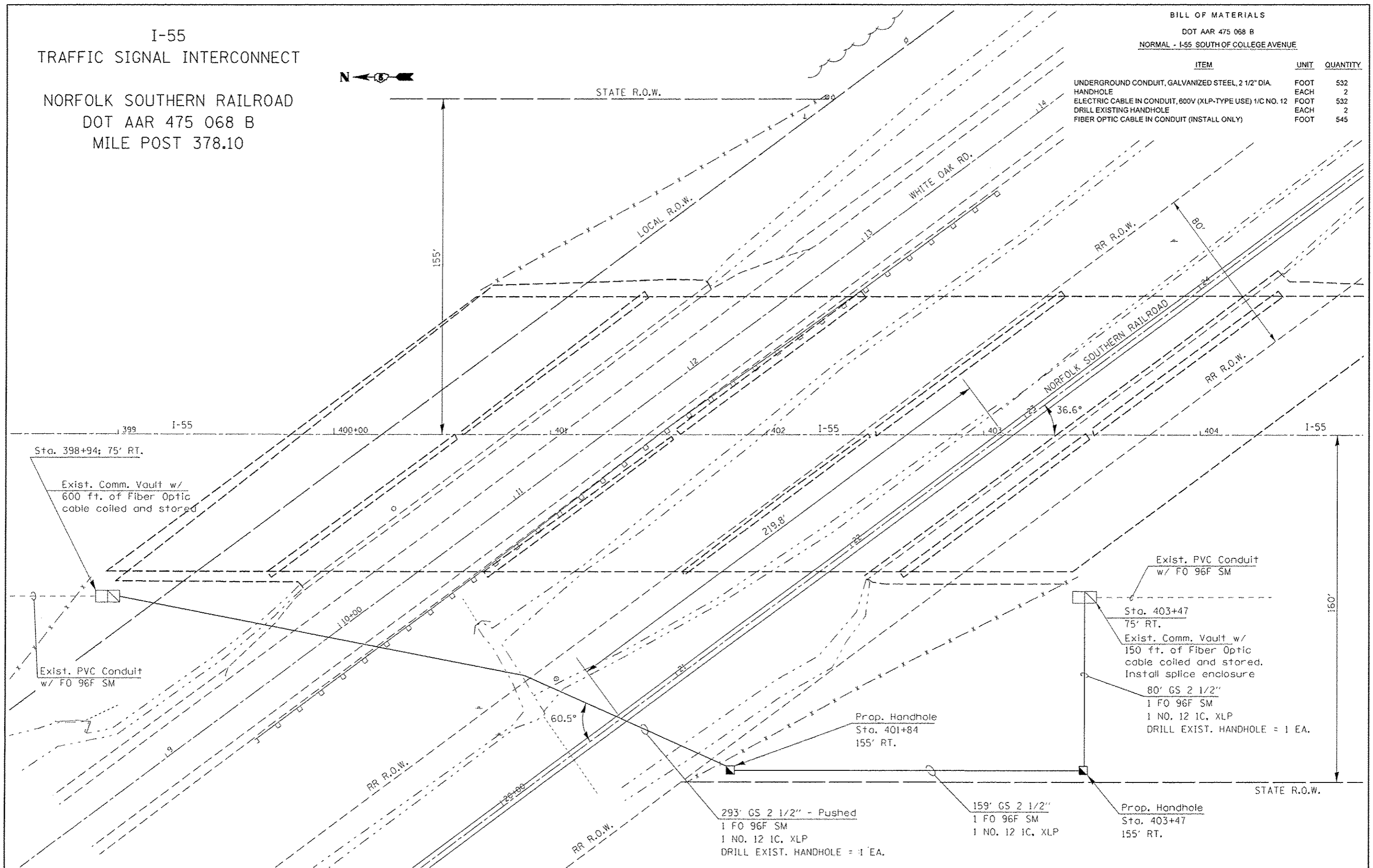
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| FILE NAME : | USER NAME : biggerd | DESIGNED - ROB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | SCALE: | SHEET NO. | OF SHEETS | STA. | TO STA. | F.A. RTE. | SECTION | COUNTY         | TOTAL SHEETS | SHEET NO. |    |
|             |                     | DRAWN - ROB    | REVISED - |   |        |           |           |      |         |           |         | DE MISC 2012-1 | **           | 18        | 14 |
|             |                     | CHECKED -      | REVISED - |   |        |           |           |      |         |           |         |                |              |           |    |
|             |                     | DATE -         | REVISED - |   |        |           |           |      |         |           |         |                |              |           |    |
|             |                     |                |           |   |        |           |           |      |         |           |         |                |              |           |    |

\* VARIOUS  
\*\* CHAMPAIGN, VERMILION, MCLEAN

I-55  
 TRAFFIC SIGNAL INTERCONNECT  
 NORFOLK SOUTHERN RAILROAD  
 DOT AAR 475 068 B  
 MILE POST 378.10

BILL OF MATERIALS  
 DOT AAR 475 068 B  
 NORMAL - I-55 SOUTH OF COLLEGE AVENUE

| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.        | FOOT | 532      |
| HANDHOLE  | EACH | 2        |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT | 532      |
| DRILL EXISTING HANDHOLE                                   | EACH | 2        |
| FIBER OPTIC CABLE IN CONDUIT (INSTALL ONLY)               | FOOT | 545      |



|   |             |            |           |
|---|-------------|------------|-----------|
| FILE NAME :   | USER NAME : | DESIGNED : | REVISED : |
| cd:\p\work\p\dot\biggard\08272722\097042-Design.dgn | biggard     | ROB        |           |
|   |             | DRAWN :    | REVISED : |
|   |             | ROB        |           |
|   |             | CHECKED :  | REVISED : |
|   |             |            |           |
|   |             | DATE :     | REVISED : |
|   |             |            |           |
|   |             |            |           |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

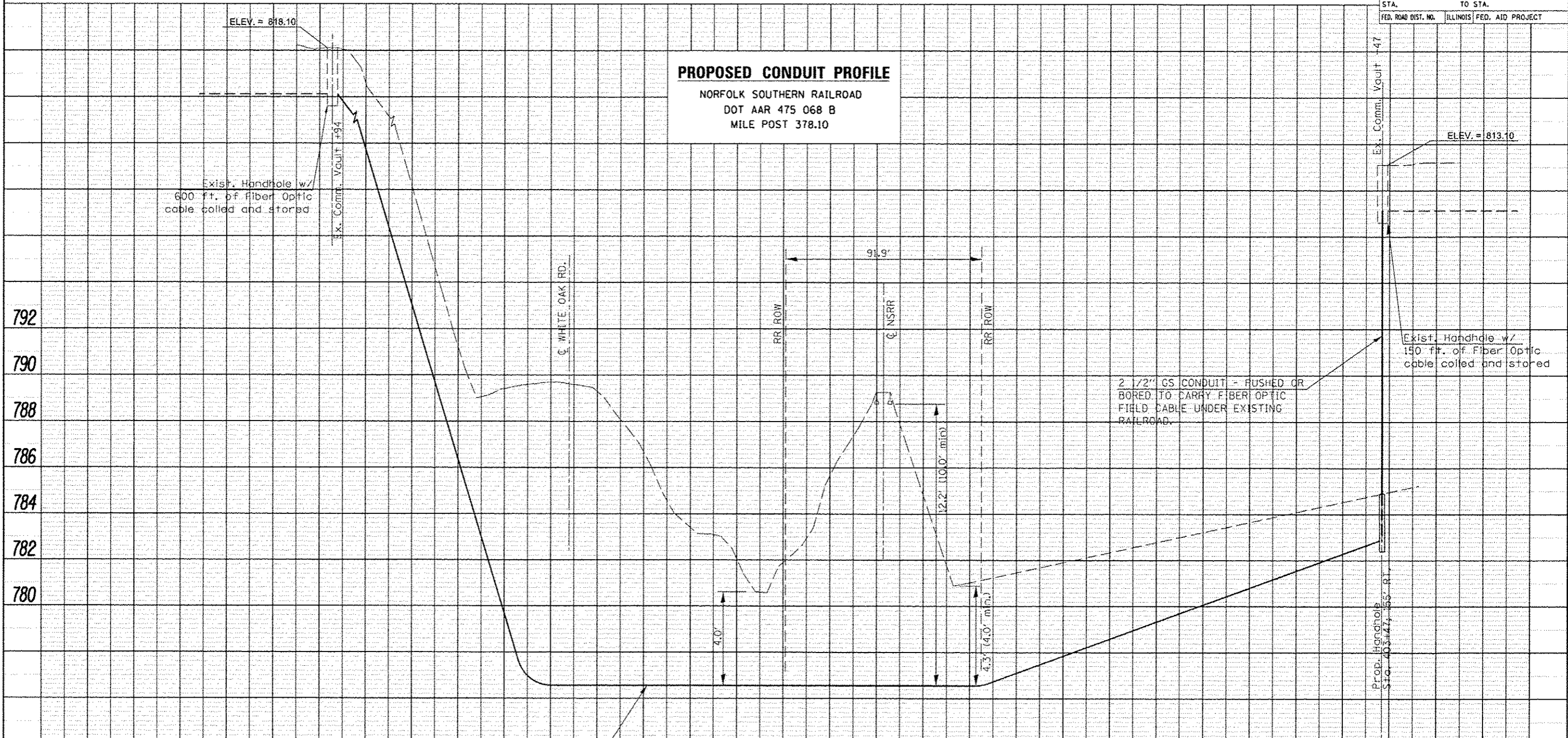
SCALE: \_\_\_\_\_ SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

|                           |                |           |                    |           |
|---------------------------|----------------|-----------|--------------------|-----------|
| F.A. RTE.                 | SECTION        | COUNTY    | TOTAL SHEETS       | SHEET NO. |
|                           | DE MISC 2012-1 | CHAMPAIGN | 18                 | 15        |
| ILLINOIS FED. AID PROJECT |                |           | CONTRACT NO. 70942 |           |

VARIOUS  
 \*\* CHAMPAIGN, VERMILION, McLEAN



**PROPOSED CONDUIT PROFILE**  
 NORFOLK SOUTHERN RAILROAD  
 DOT AAR 475 068 B  
 MILE POST 378.10



2 1/2" GS CONDUIT - PUSHED OR BORED TO CARRY FIBER OPTIC FIELD CABLE UNDER EXISTING RAILROAD.

2 1/2" GS CONDUIT - PUSHED OR BORED TO CARRY FIBER OPTIC FIELD CABLE UNDER EXISTING RAILROAD.

NOTE: HANDHOLES WILL BE APPROXIMATELY 3' x 3' x 3' IN SIZE WITH AN 18" FRENCH DRAIN BELOW THE STRUCTURES. BORE PITS WILL NOT BE REQUIRED.

CALL J.U.L.I.E. PRIOR TO EXCAVATING 1-800-892-0123 OR 811

FOR LOCATIONS OF THE UNDERGROUND RAILROAD FACILITIES, CONTACT:  
 NORFOLK SOUTHERN RAILROAD  
 GREG TEMPLE (217) 853-9255  
 LYNN HYMSTED (217) 433-3293

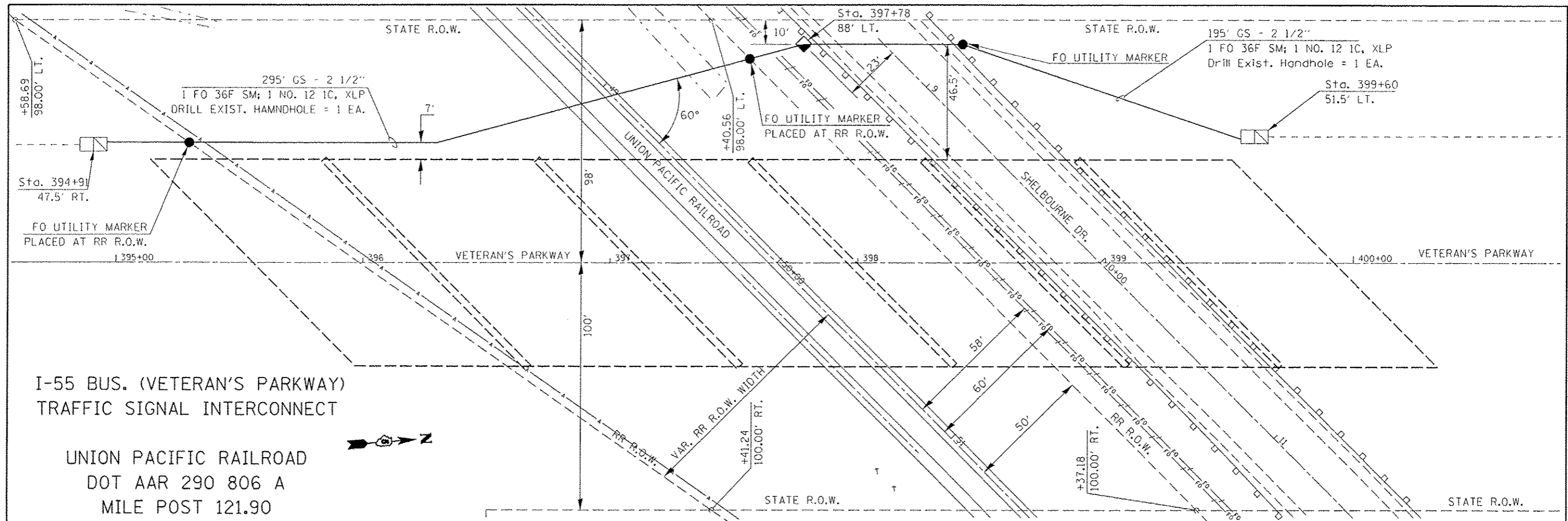
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| FILE NAME =                            | USER NAME = biggard         | DESIGNED - RDB | REVISED - |
| c:\pwwork\pvidot\biggard\ad272722\0970 | 42-Design.dgn               | DRAWN - RDB    | REVISED - |
|  | PLOT SCALE = 48.0000' / in. | CHECKED -      | REVISED - |
|  | PLOT DATE = 3/22/2012       | DATE -         | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|        |                     |              |                           |                |        |              |           |
|--------|---------------------|--------------|---------------------------|----------------|--------|--------------|-----------|
| SCALE: | SHEET NO. OF SHEETS | STA. TO STA. | F.A. RTE.                 | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|        |                     |              | *                         | DE MISC 2012-1 | **     | 18           | 16        |
|        |                     |              | ILLINOIS FED. AID PROJECT |                |        |              |           |

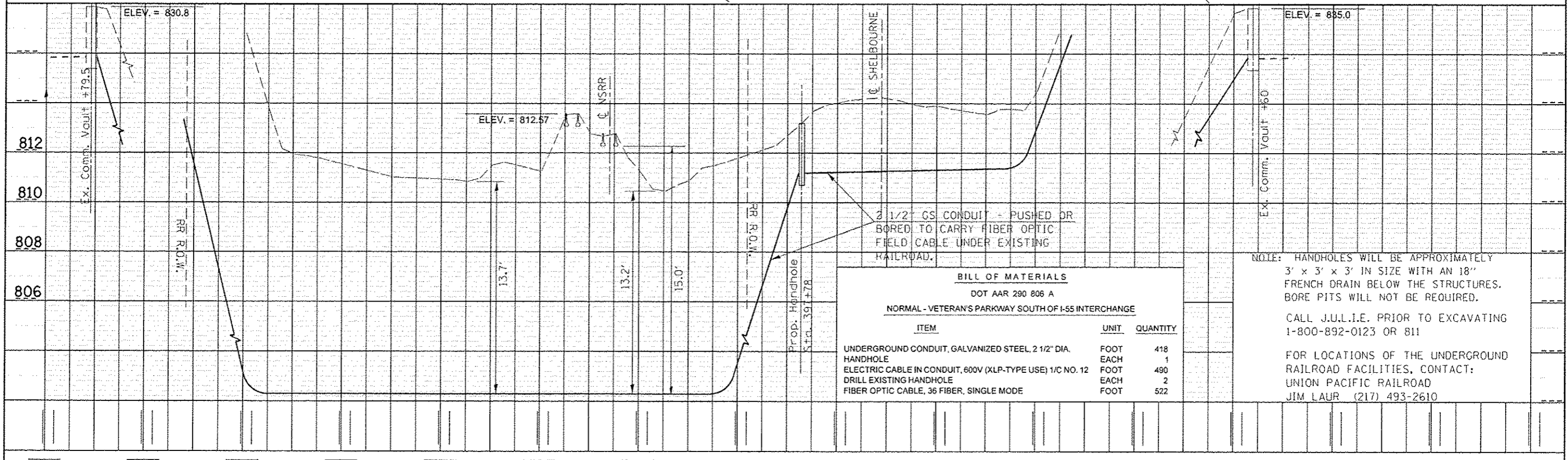
\* VARIOUS  
 \*\* CHAMPAIGN, VERMILION, MCLEAN





I-55 BUS. (VETERAN'S PARKWAY)  
TRAFFIC SIGNAL INTERCONNECT

UNION PACIFIC RAILROAD  
DOT AAR 290 806 A  
MILE POST 121.90



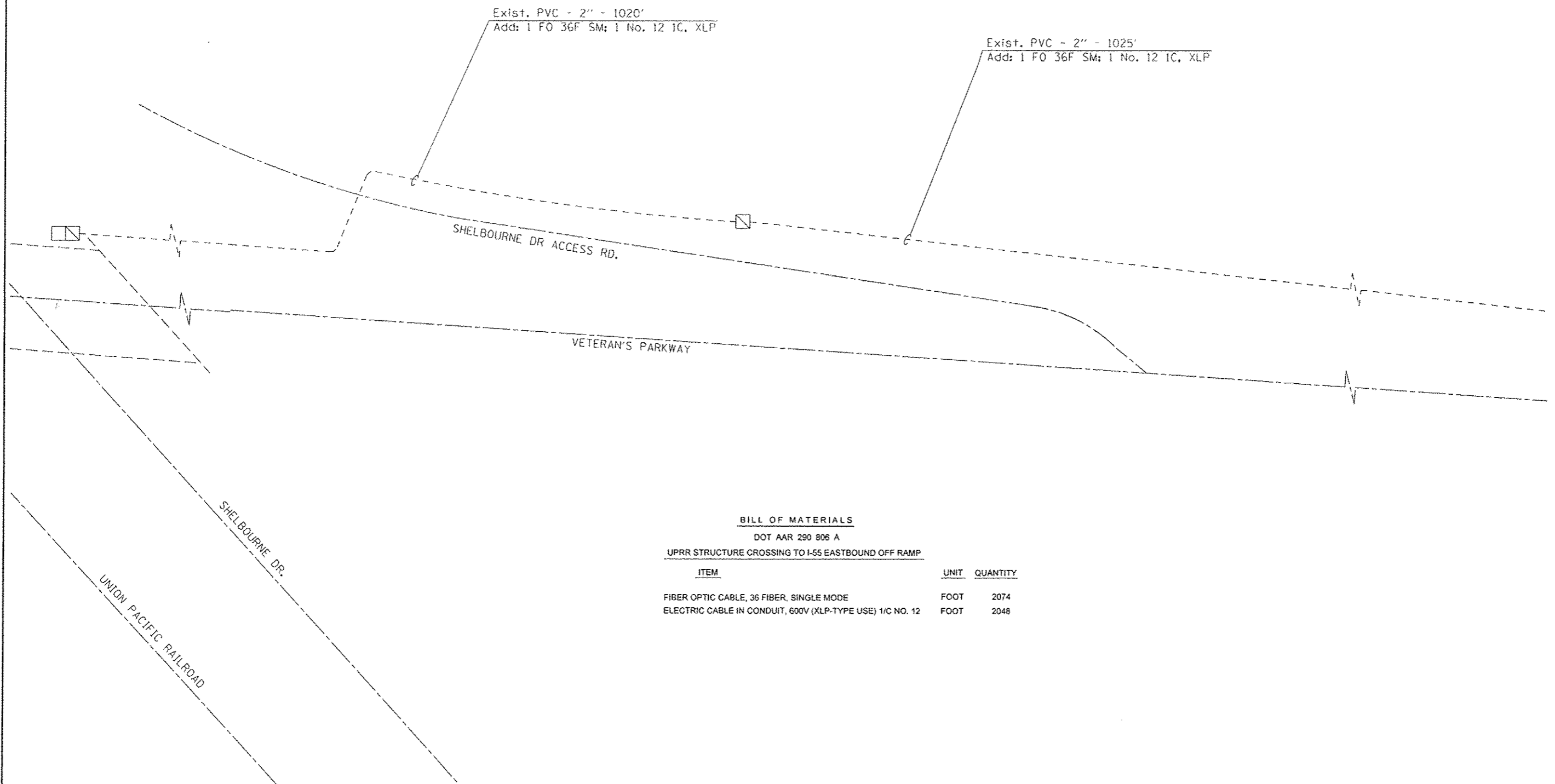
NOTE: HANDHOLES WILL BE APPROXIMATELY 3' x 3' x 3' IN SIZE WITH AN 18" FRENCH DRAIN BELOW THE STRUCTURES. BORE PITS WILL NOT BE REQUIRED.

CALL J.U.L.I.E. PRIOR TO EXCAVATING 1-800-892-0123 OR 811

FOR LOCATIONS OF THE UNDERGROUND RAILROAD FACILITIES, CONTACT:  
UNION PACIFIC RAILROAD  
JIM LAUR (217) 493-2610

|   |                    |               |          |   |   |                           |        |              |           |
|---|--------------------|---------------|----------|---|---|---------------------------|--------|--------------|-----------|
| FILE NAME: c:\pwork\p\dot1\biggird\0272722-0570142-Design.dgn | USER NAME: biggird | DESIGNED: RDB | REVISED: | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | F.A.P. RTE.                             | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE: 40,0000 / in.                                     | CHECKED:           | DATE:         | REVISED: |   | DE MISC 2012-1                          |                           |        | 18           | 18        |
| PLOT DATE: 6/13/2012  |                    |               |          |   | CONTRACT NO. 70942                      | ILLINOIS FED. AID PROJECT |        |              |           |
|   |                    |               |          |   | VARIOUS<br>CHAMPAIGN, VERMILION, MCLEAN |                           |        |              |           |

FIBER OPTIC INSTALLATION  
UPRR STRUCTURE TO I-55 EB OFF RAMP



**BILL OF MATERIALS**  
DOT AAR 290 806 A  
UPRR STRUCTURE CROSSING TO I-55 EASTBOUND OFF RAMP

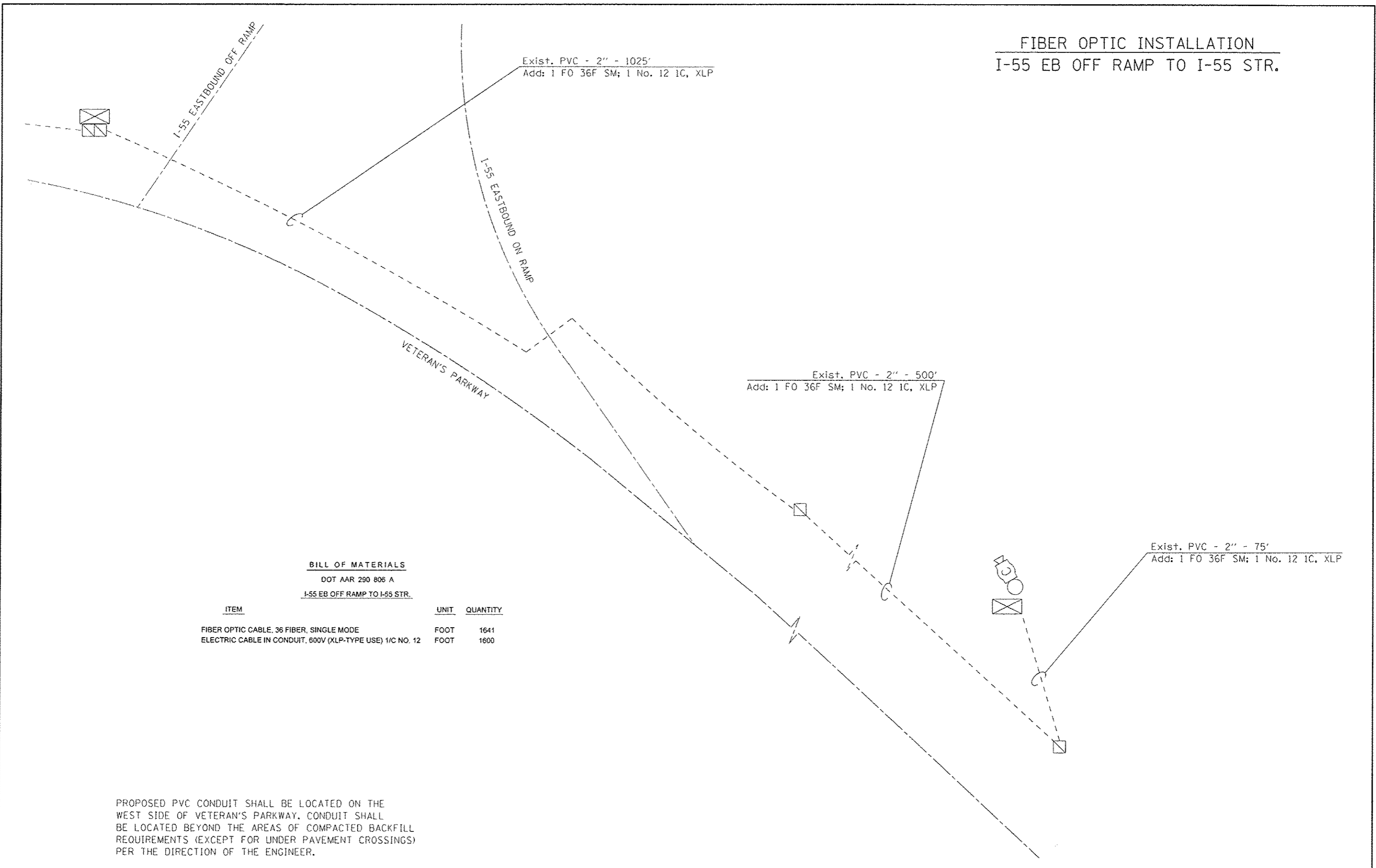
| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| FIBER OPTIC CABLE, 36 FIBER, SINGLE MODE                  | FOOT | 2074     |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT | 2048     |

PROPOSED PVC CONDUIT SHALL BE LOCATED ON THE WEST SIDE OF VETERAN'S PARKWAY. CONDUIT SHALL BE LOCATED BEYOND THE AREAS OF COMPACTED BACKFILL REQUIREMENTS (EXCEPT FOR UNDER PAVEMENT CROSSINGS) PER THE DIRECTION OF THE ENGINEER.

|  |                     |              |                           |   |   |             |         |        |              |           |
|--|---------------------|--------------|---------------------------|---|---|-------------|---------|--------|--------------|-----------|
| FILE NAME :<br>c:\pr-work\p1d01\biggsrd\0272722\0570 | USER NAME : biggsrd | DESIGNED RDB | REVISED -                 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____ | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 42-Design\lgn  | DRAWN RDB           | REVISED -    | DE MISC. 2012-1           |   |   | **          | 5       | 18     | 18A          |           |
| PLOT SCALE = 40.0000' / 1"                           | CHECKED -           | REVISED -    | CONTRACT NO. 70942        |   |   |             |         |        |              |           |
| PLOT DATE = 4/25/2012                                | DATE -              | REVISED -    | ILLINOIS FED. AID PROJECT |   |   |             |         |        |              |           |

\* VARIOUS  
\*\* CHAMPAIGN, VERMILION, McLEAN

FIBER OPTIC INSTALLATION  
I-55 EB OFF RAMP TO I-55 STR.



**BILL OF MATERIALS**

DOT AAR 290 806 A

I-55 EB OFF RAMP TO I-55 STR.

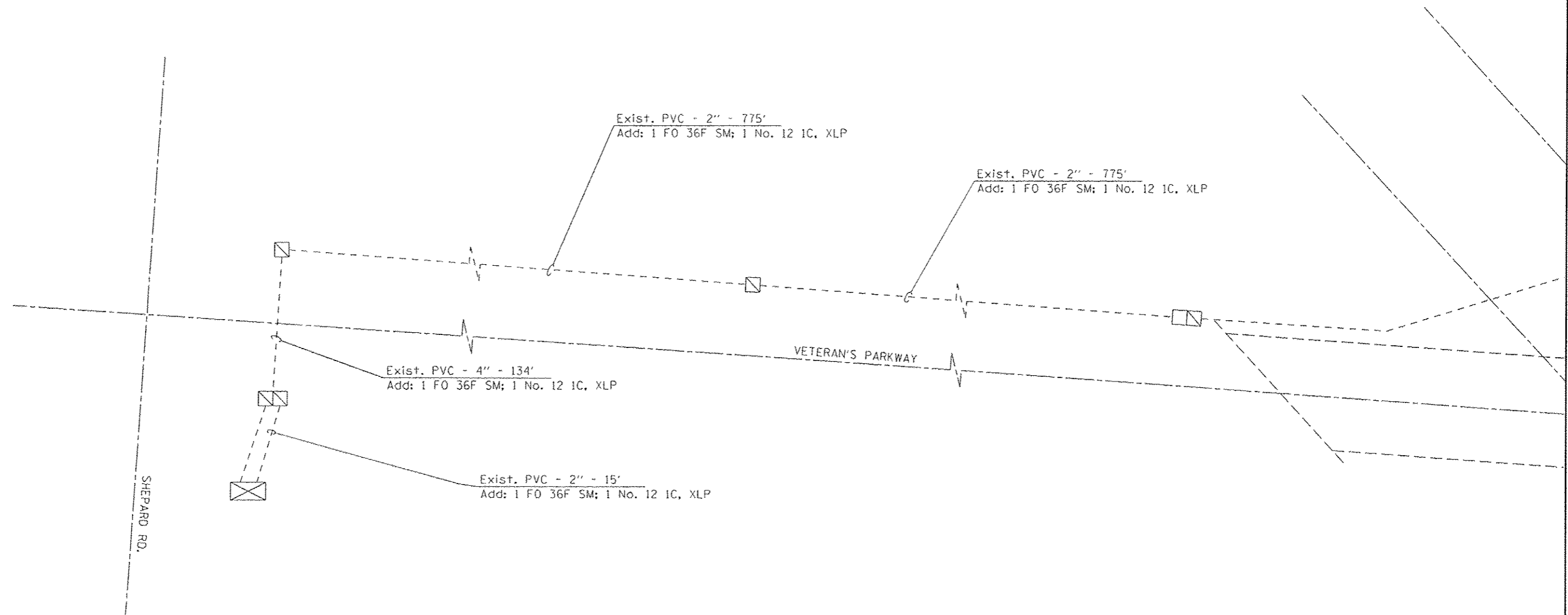
| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| FIBER OPTIC CABLE, 36 FIBER, SINGLE MODE                  | FOOT | 1641     |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT | 1600     |

PROPOSED PVC CONDUIT SHALL BE LOCATED ON THE WEST SIDE OF VETERAN'S PARKWAY. CONDUIT SHALL BE LOCATED BEYOND THE AREAS OF COMPACTED BACKFILL REQUIREMENTS (EXCEPT FOR UNDER PAVEMENT CROSSINGS) PER THE DIRECTION OF THE ENGINEER.

|                                       |                             |              |           |   |                           |           |        |              |           |
|---------------------------------------|-----------------------------|--------------|-----------|---|---------------------------|-----------|--------|--------------|-----------|
| FILE NAME =                           | USER NAME = biggard         | DESIGNED RDB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pw\work\pilot\biggs\d\0272722\0570 | 142-Design.dgn              | DRAWN RDB    | REVISED - |   | DE. MISC. 2012-1          | CHAMPAIGN | 18     | 18B          |           |
| Default                               | PLOT SCALE = 40.0000' / in. | CHECKED -    | REVISED - |   | CONTRACT NO. 70942        |           |        |              |           |
|                                       | PLOT DATE = 4/25/2012       | DATE -       | REVISED - |   | ILLINOIS FED. AID PROJECT |           |        |              |           |

VARIOUS  
CHAMPAIGN, VERMILION, McLEAN

FIBER OPTIC INSTALLATION  
SHEPARD RD TO UPRR STRUCTURE



BILL OF MATERIALS  
DOT AAR 290 806 A  
SHEPARD RD TO UPRR STRUCTURE

| ITEM  | UNIT | QUANTITY |
|---|------|----------|
| FIBER OPTIC CABLE, 36 FIBER, SINGLE MODE                  | FOOT | 1731     |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12 | FOOT | 1699     |

PROPOSED PVC CONDUIT SHALL BE LOCATED ON THE WEST SIDE OF VETERAN'S PARKWAY. CONDUIT SHALL BE LOCATED BEYOND THE AREAS OF COMPACTED BACKFILL REQUIREMENTS (EXCEPT FOR UNDER PAVEMENT CROSSINGS) PER THE DIRECTION OF THE ENGINEER.

|  |                                      |              |           |   |                                |                             |                          |            |               |              |                 |               |
|--|--------------------------------------|--------------|-----------|---|--------------------------------|-----------------------------|--------------------------|------------|---------------|--------------|-----------------|---------------|
| FILE NAME :<br>c:\pwwork\pvidet\biggs\d\0272722\0570 | USER NAME : biggs-d<br>42-Design.dgn | DESIGNED RDB | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | SCALE: _____                   | SHEET _____ OF _____ SHEETS | STA. _____ TO STA. _____ | F.A. _____ | SECTION _____ | COUNTY _____ | TOTAL SHEETS 18 | SHEET NO. 18C |
| Default  | PLOT SCALE : 40.0000' / in.          | DRAWN RDB    | REVISED - |   | CONTRACT NO. 70942             |                             |                          |            |               |              |                 |               |
|  | PLOT DATE : 4/25/2012                | CHECKED -    | REVISED - |   | ILLINOIS FED. AID PROJECT      |                             |                          |            |               |              |                 |               |
|  |                                      | DATE -       | REVISED - |   | * CHAMPAIGN, VERMILION, MCLEAN |                             |                          |            |               |              |                 |               |