

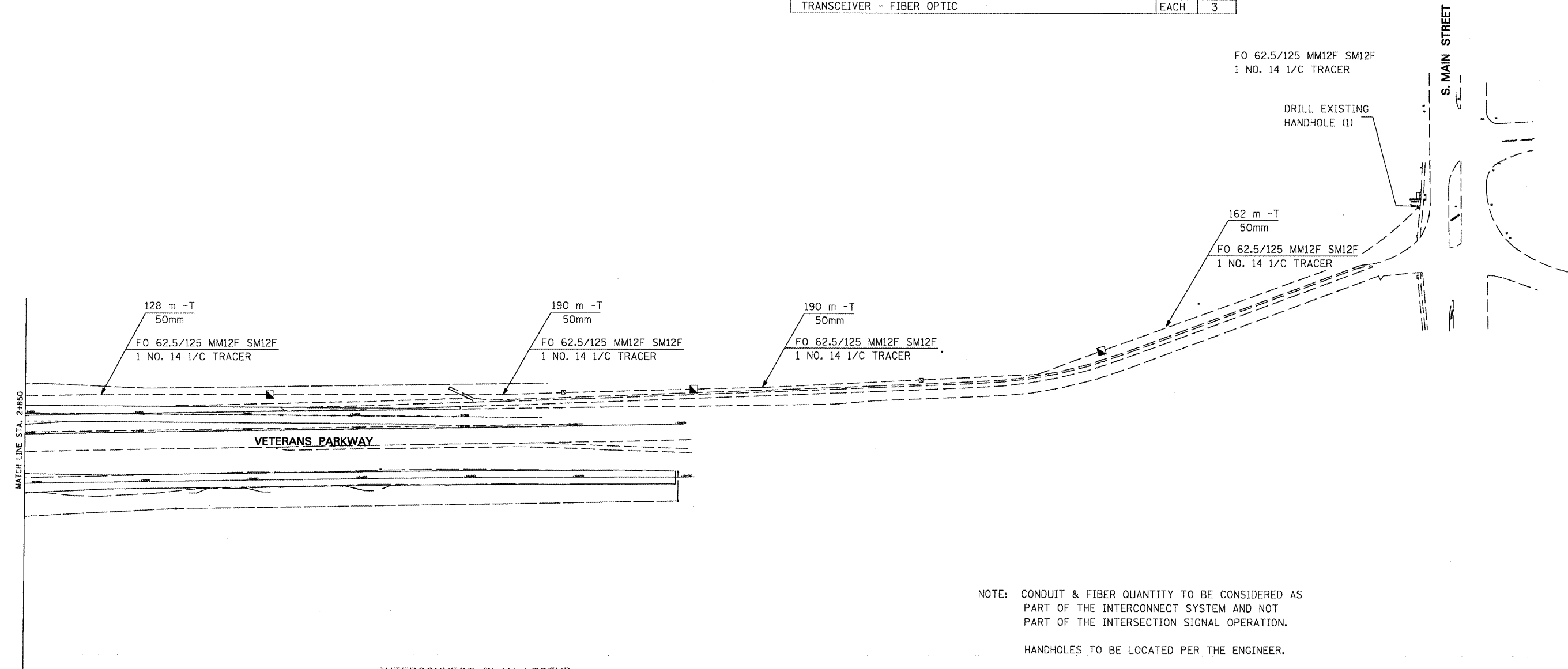
# FIBER OPTIC INTERCONNECT

## BILL OF MATERIALS

|                     |             |          |                  |           |
|---------------------|-------------|----------|------------------|-----------|
| F.A.P. RTE.         | SECTION     | COUNTY   | TOTAL SHEETS     | SHEET NO. |
| 704                 | (1)N & TS-1 | McLean   | 497              | 265       |
| STA.                |             | TO STA.  |                  |           |
| FED. ROAD DIST. NO. |             | ILLINOIS | FED. AID PROJECT |           |

CONTRACT NO. 70514

| ITEM   | UNIT  | QNTY. |
|--|-------|-------|
| HANDHOLE   | EACH  | 4     |
| CONDUIT IN TRENCH, 50MM DIA., PVC                        | METER | 300   |
| CONDUIT PUSHED, 50MM DIA., GALVANIZED STEEL              | METER | 100   |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK                  | METER | 300   |
| MASTER CONTROLLER  | EACH  | 1     |
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C            | METER | 800   |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F | METER | 1000  |
| DRILL EXISTING HAND HOLE                                 | METER | 1     |
| TRANSCEIVER - FIBER OPTIC                                | EACH  | 3     |



NOTE: CONDUIT & FIBER QUANTITY TO BE CONSIDERED AS PART OF THE INTERCONNECT SYSTEM AND NOT PART OF THE INTERSECTION SIGNAL OPERATION.  
HANDHOLES TO BE LOCATED PER THE ENGINEER.

**INTERCONNECT PLAN LEGEND**

| PROPOSED | EXISTING |  |
|----------|----------|--|
|          |          | CONTROLLER                               |
|          |          | HANDHOLE                                 |
|          |          | DOUBLE HANDHOLE                          |
|          |          | HEAVY-DUTY HANDHOLE                      |
|          |          | G.S. CONDUIT IN TRENCH (T) OR PUSHED (P) |
|          |          | DETECTOR LOOP                            |

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
INTERCONNECT PLAN - 2  
VETERANS PARKWAY  
SCALE: 1:1000  
DATE: MARCH, 2009  
DRAWN BY: RV  
DESIGNED BY: AS  
CHECKED BY: MSA

AMES Engineering, Inc.  
Consulting Engineers  
1341 Warren Avenue  
Downers Grove, IL 60515

\$FILES 8/19/2010 \$TIME\$

TS-16