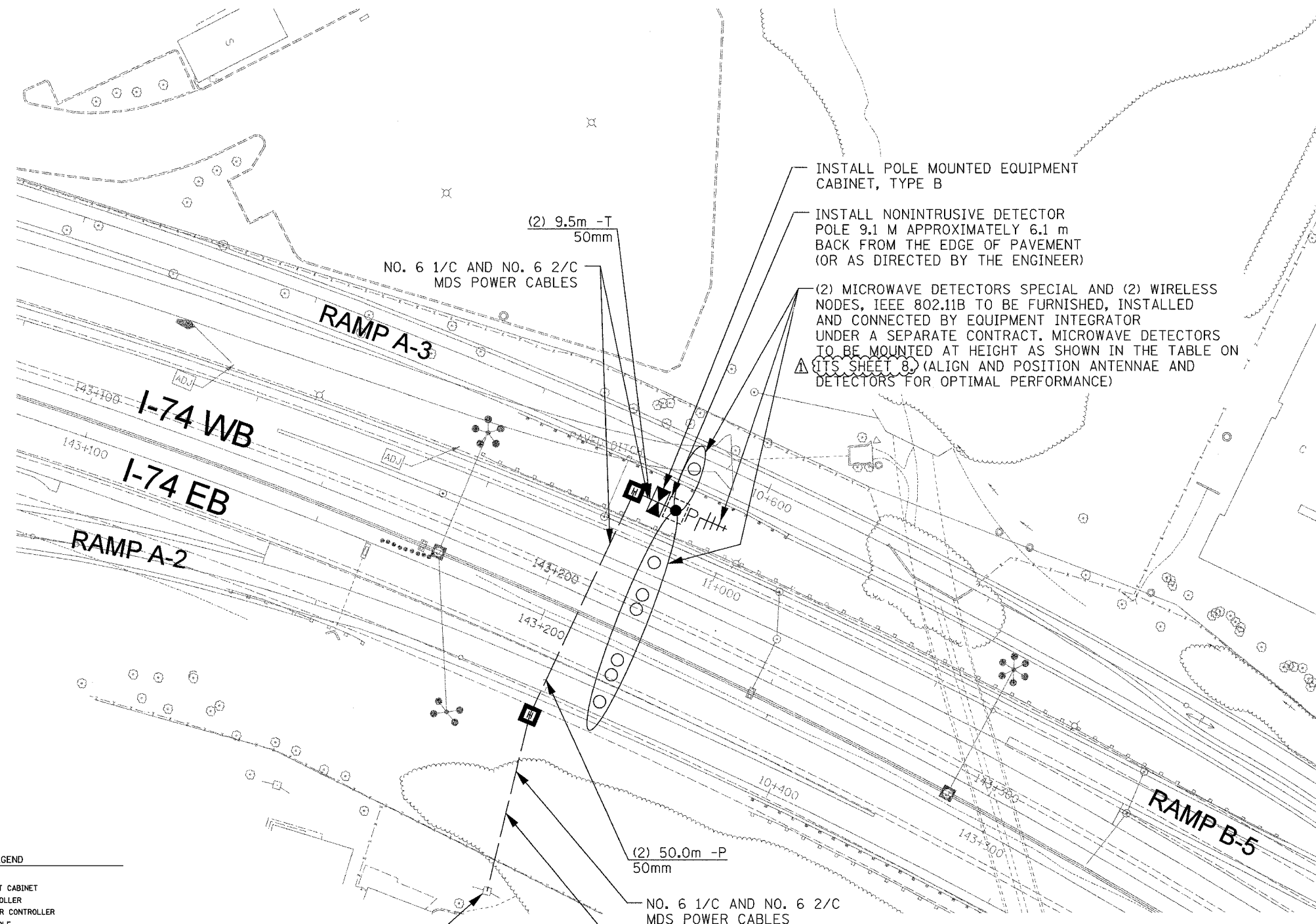
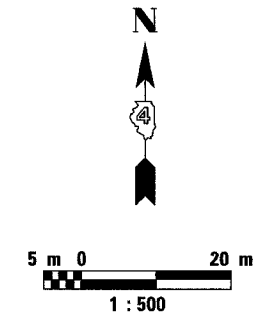


| | | | | |
|---------------------|-----------|----------|------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | (72-71R-3 | PEORIA | 1360 | 1337 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| 68200 | | | | |



INSTALL POLE MOUNTED EQUIPMENT CABINET, TYPE B

INSTALL NONINTRUSIVE DETECTOR POLE 9.1 M APPROXIMATELY 6.1 m BACK FROM THE EDGE OF PAVEMENT (OR AS DIRECTED BY THE ENGINEER)

(2) MICROWAVE DETECTORS SPECIAL AND (2) WIRELESS NODES, IEEE 802.11B TO BE FURNISHED, INSTALLED AND CONNECTED BY EQUIPMENT INTEGRATOR UNDER A SEPARATE CONTRACT. MICROWAVE DETECTORS TO BE MOUNTED AT HEIGHT AS SHOWN IN THE TABLE ON ITS SHEET 8. (ALIGN AND POSITION ANTENNAE AND DETECTORS FOR OPTIMAL PERFORMANCE)

INSTALL SERVICE INSTALLATION, TYPE B (POWER SERVICE DROP BY OTHERS)

NOTES:
1. TRAFFIC CONTROL AT THIS LOCATION SHALL CONFORM TO IDOT STANDARDS 701101 AND 701106.

MDS SYSTEM LEGEND

| PROPOSED | EXISTING | |
|----------|----------|--|
| [Symbol] | [Symbol] | MDS EQUIPMENT CABINET |
| [Symbol] | [Symbol] | MASTER CONTROLLER |
| [Symbol] | [Symbol] | MASTER MASTER CONTROLLER |
| [Symbol] | [Symbol] | DOUBLE HANDHOLE |
| [Symbol] | [Symbol] | HANDHOLE |
| [Symbol] | [Symbol] | HEAVY DUTY HANDHOLE |
| [Symbol] | [Symbol] | COMMUNICATIONS VAULT |
| [Symbol] | [Symbol] | G.S. CONDUIT IN TRENCH OR PUSHED |
| [Symbol] | [Symbol] | INDUCTIVE LOOP DETECTOR |
| [Symbol] | [Symbol] | PROPOSED INTERCONNECT CABLE NO. 62.5/125 2-MM12F & 5M12F FIBER OPTIC CABLE |
| [Symbol] | [Symbol] | EXISTING INTERCONNECT CABLE NO. 62.5/125 12F FIBER OPTIC CABLE |
| [Symbol] | [Symbol] | INTERCONNECT CABLE NO. 18 3 PAIR TWISTED, SHIELDED |
| [Symbol] | [Symbol] | LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED |
| [Symbol] | [Symbol] | TRACER CABLE NO. 14 1/C |
| [Symbol] | [Symbol] | SAMPLING (SYSTEM) DETECTORS |
| [Symbol] | [Symbol] | EXISTING INTERSECTION DETECTORS AND PROPOSED SAMPLING (SYSTEM) DETECTORS |
| [Symbol] | [Symbol] | EXISTING SAMPLING (SYSTEM) DETECTORS AND PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS |
| [Symbol] | [Symbol] | TELEPHONE CONNECTION |
| [Symbol] | [Symbol] | COMMON TRENCH |
| [Symbol] | [Symbol] | UNIT DUCT |
| [Symbol] | [Symbol] | INTERSECTION |

BILL OF MATERIALS

| PAY ITEM | UNIT | QUANTITY |
|---|-------|----------|
| SERVICE INSTALLATION, TYPE B | EACH | 1 |
| HEAVY-DUTY HANDHOLE | EACH | 2 |
| CONDUIT IN TRENCH, 50MM DIA., PVC | METER | 56.0 |
| CONDUIT PUSHED, 50MM DIA., PVC | METER | 100.0 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | METER | 46.5 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C | METER | 109.0 |
| CONCRETE FOUNDATION, TYPE E 600MM DIAMETER | METER | 2.5 |
| NONINTRUSIVE DETECTOR POLE 9.1 M | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C | METER | 109.0 |
| POLE MOUNTED EQUIPMENT CABINET, TYPE B | EACH | 1 |

ITS SHEET 6 OF 13

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION ITS PLAN |
|---------------|-------------|---|
| NAME | DATE | |
| ADDENDUM #1 | MAY 27 2005 | MDS-I74-02 (STA 143+215) MICROWAVE DETECTOR STATION SITE LAYOUT |
| | | |
| SCALE | | DRAWN BY MJL |
| DATE 11/02/04 | | CHECKED BY GFR |



PRINTED: 04/20/2005

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