



























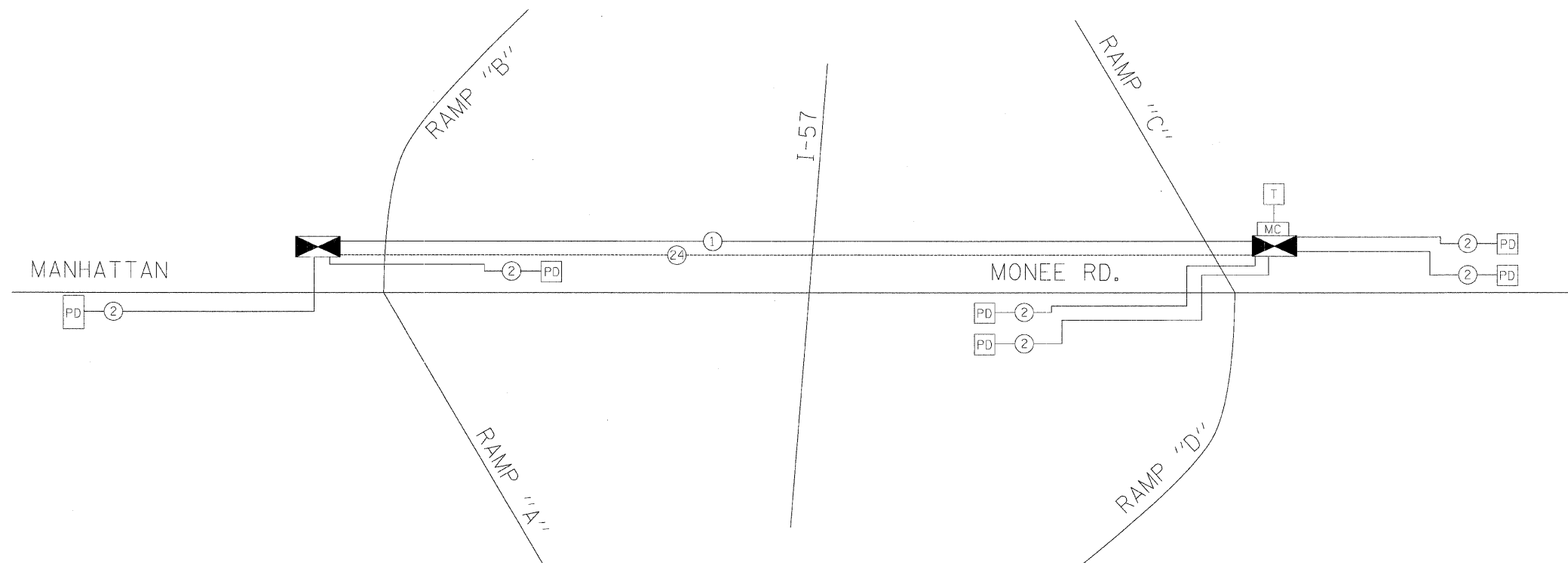


|                     |                         |          |                  |           |
|---------------------|-------------------------|----------|------------------|-----------|
| F.A.P. RTE.         | SECTION                 | COUNTY   | TOTAL SHEETS     | SHEET NO. |
| 57                  | 991&21 R-3&9-1HS-1-RR-2 | WILL     | 303              | 122       |
| STA.                |                         | TO STA.  |                  |           |
| FED. ROAD DIST. NO. |                         | ILLINOIS | FED. AID PROJECT |           |

CONTRACT NO. 62253

**INTERCONNECT SCHEMATIC LEGEND**

-  EXISTING INTERSECTION CONTROLLER
-  PROPOSED INTERSECTION CONTROLLER
-  EXISTING MASTER CONTROLLER
-  PROPOSED MASTER CONTROLLER
-  MASTER MASTER CONTROLLER
-  EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING INTERSECTION LOOP DETECTORS AND PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS
-  PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS.
-  EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.
-  EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS.
-  PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS.
-  EXISTING FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F & SM12F
-  PROPOSED FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F & SM12F
-  EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F. FIBER OPTIC CABLE
-  PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F. FIBER OPTIC CABLE
-  EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
-  PROPOSED LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
-  EXISTING ELECTRIC CABLE 1/C (AS SPECIFIED)
-  PROPOSED ELECTRIC CABLE 1/C (AS SPECIFIED)
-  EXISTING TELEPHONE CONNECTION
-  PROPOSED TELEPHONE CONNECTION



**INTERCONNECT SCHEDULE OF QUANTITIES**

| QUANTITY | UNIT | ITEM  |
|----------|------|---|
| 541      | FOOT | CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL            |
| 212      | FOOT | CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC             |
| 2        | EACH | JUNCTION BOX EMBEDDED IN STRUCTURE, 12" X 12" X 6"      |
| 341      | FOOT | TRENCH AND BACKFILL FOR ELECTRICAL WORK                 |
| 1        | EACH | MASTER CONTROLLER                                       |
| 1143     | FOOT | ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 10             |
| 1        | EACH | OPTIMIZE TRAFFIC SIGNAL SYSTEM                          |
| 1169     | FOOT | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125. MM12F SM12F |

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INTERCONNECT SCHEMATIC AND  
 SCHEDULE OF QUANTITIES  
 MANHATTAN-MONEE ROAD AT  
 I-57 INTERCHANGE  
 RAMP A&B TO RAMP C&D

SCALE: NONE  
 DATE: 04/09/2007

DRAWN BY: KGP/RDP  
 DESIGNED BY: PKG  
 CHECKED BY: PKG

**ga** GANDHI AND ASSOCIATES, INC.  
 ENGINEERS AND PLANNERS  
 6035 N. NORTHWEST HIGHWAY  
 SUITE 306  
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-5910