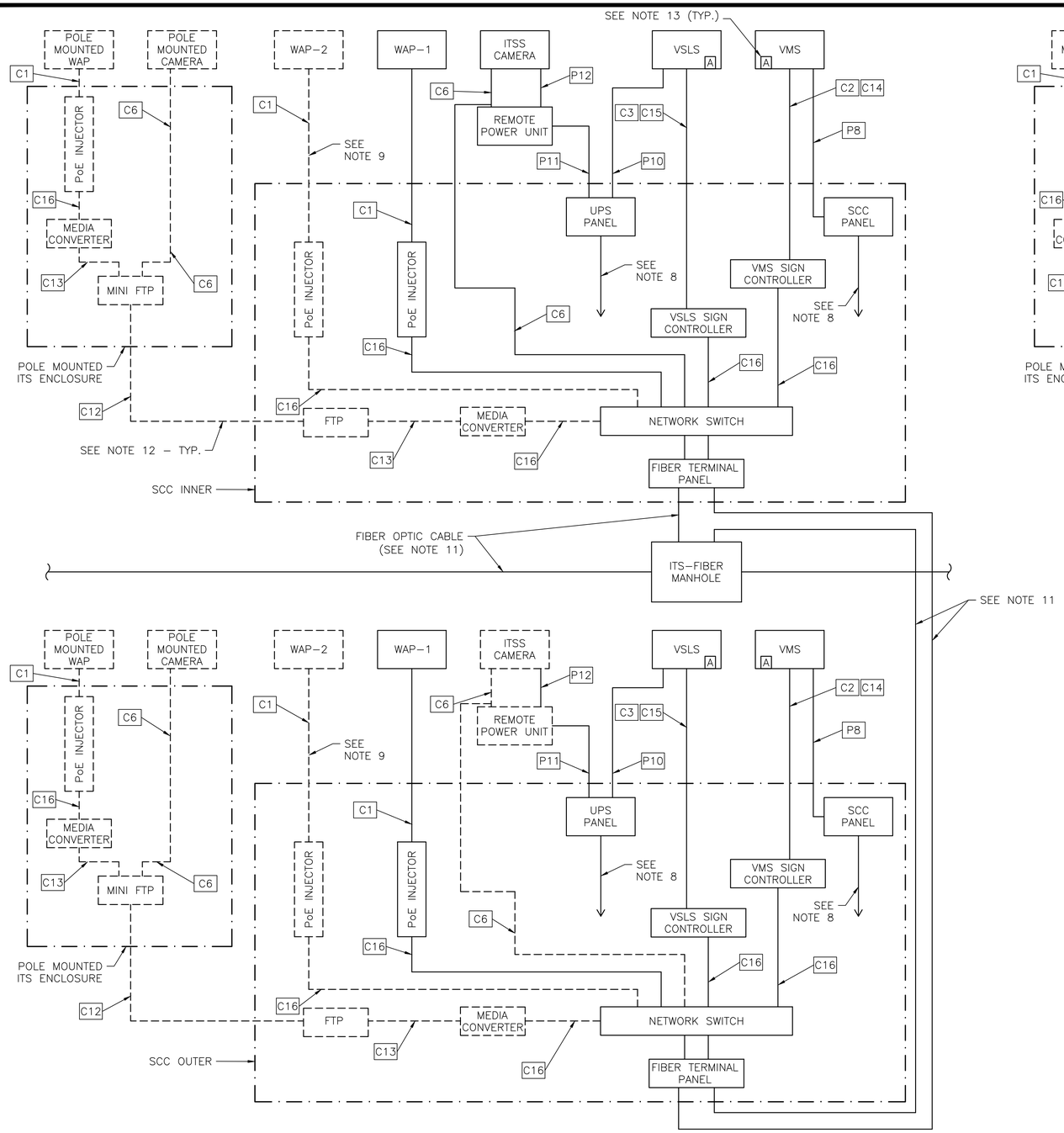
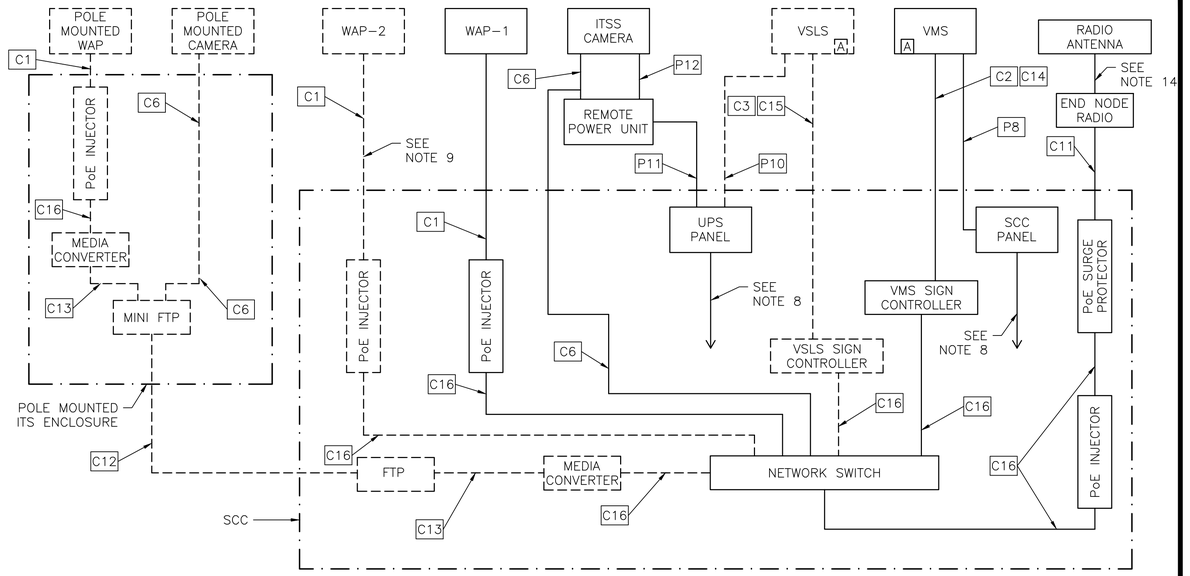



## ITSS DOUBLE INSTALLATION BLOCK DIAGRAM

(TYPICAL FOR LOCATIONS WITH FIBER OPTIC COMMUNICATION)




## ITSS INSTALLATION BLOCK DIAGRAM

(TYPICAL FOR LOCATIONS WITH WIRELESS RADIO COMMUNICATION – SEE NOTE 10)

## NOTES:

1. FOR LEGEND, ABBREVIATIONS, GENERAL NOTES, CABLE AND CONDUIT SCHEDULES SEE STANDARD DRAWINGS ITS–01 AND ITS–02
2. EQUIPMENT SPECIFICATIONS AND WIRE SIZES SHALL BE AS SHOWN UNLESS OTHERWISE SUPERSEDED BY THE CONTRACT PLANS. SEE CONTRACT PLANS FOR LOCATIONS OF EQUIPMENT AND ROUTING OF CONDUIT.
3. POWER EQUIPMENT, SUCH AS METER CABINETS, LOAD CENTERS, AND/OR OTHER EQUIPMENT SHALL BE AS SHOWN ON STANDARD DRAWING ITS–30 AND THE CONTRACT PLANS.
4. FOR DETAILS ON THE TYPE OF ELECTRONIC EQUIPMENT INSTALLED, SEE STANDARD DRAWING ITS–22.
5. FOR CCTV INSTALLATION DETAILS, SEE STANDARD DRAWINGS ITS–23, ITS–32 THROUGH ITS–34.
6. CONNECTION OF ITS DEVICES SHOWN ARE TYPICAL. INSTALL QUANTITY OF ITS DEVICES AS SHOWN ON THE CONTRACT PLANS.
7. WHERE REMOTE POLE MOUNTED WAP AND CCTV EQUIPMENT IS UTILIZED, FIBER OPTIC CABLING SHALL BE EXTENDED. SEE STANDARD DRAWINGS ITS–19, ITS–32 AND ITS–33 FOR DETAILS.
8. POWER CABLE INSIDE SCC CABINET NOT SHOWN FOR CLARITY (SEE STANDARD DRAWING ITS–30)
9. INSTALL ADDITIONAL WAP IF DIRECTED ON THE PLANS.
10. WHERE PLANS REQUIRE ITSS DOUBLE WITH WIRELESS RADIO COMMUNICATION, CONFIGURE EACH SCC AS SHOWN. COMMUNICATION CABLES BETWEEN INNER AND OUTER SCCs NOT REQUIRED FOR WIRELESS DOUBLE ITSS INSTALLATION.
11. SEE CONTRACT PLANS AND SPECIFICATIONS FOR DELINEATION OF WORK FOR INSTALLATION OF FIBER OPTIC CABLE(S).
12. ITEMS SHOWN IN DASHED LINETYPE MAY VARY BY LOCATION. SEE CONTRACT PLANS FOR SPECIFIC INSTALLATIONS.
13. "A" INDICATES AUXILIARY CONTROLLER IN VMS OR VSLS.
14. COAXIAL CABLE SHALL BE FURNISHED TO THE CONTRACTOR.
15. THIS DRAWING SHALL BE USED WHEN DIGITAL CAMERA INSTALLATION IS REQUIRED, OR AS OTHERWISE DIRECTED BY AN ENGINEER.

| | BY | DATE |
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| MADE | DR | 04/2013 |
| TRACED | GMS | 04/2013 |
| CHECKED | MS | 04/2013 |
| SUPERVISED | ALB | 04/2013 |

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NEW JERSEY TURNPIKE AUTHORITY

**NEW JERSEY TURNPIKE**

**ITS COMMUNICATIONS DIAGRAM – DIGITAL**

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New Jersey Professional Engineer License No. GE 45842

STANDARD DRAWING ITS–31A

CONTRACT NO.

SHEET NO. OF

ACAD FILE NAME: NJTA–SD ITS–31A.dwg Layout: .Layout1

MASTER FILE: "S:\NJTA\Standards Drawings\Working Files\ITS\NJTA-SD ITS-31A.dwg" LAST SAVED DATE: Nov 25, 2013 – 8:55 BY: MCrosley
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