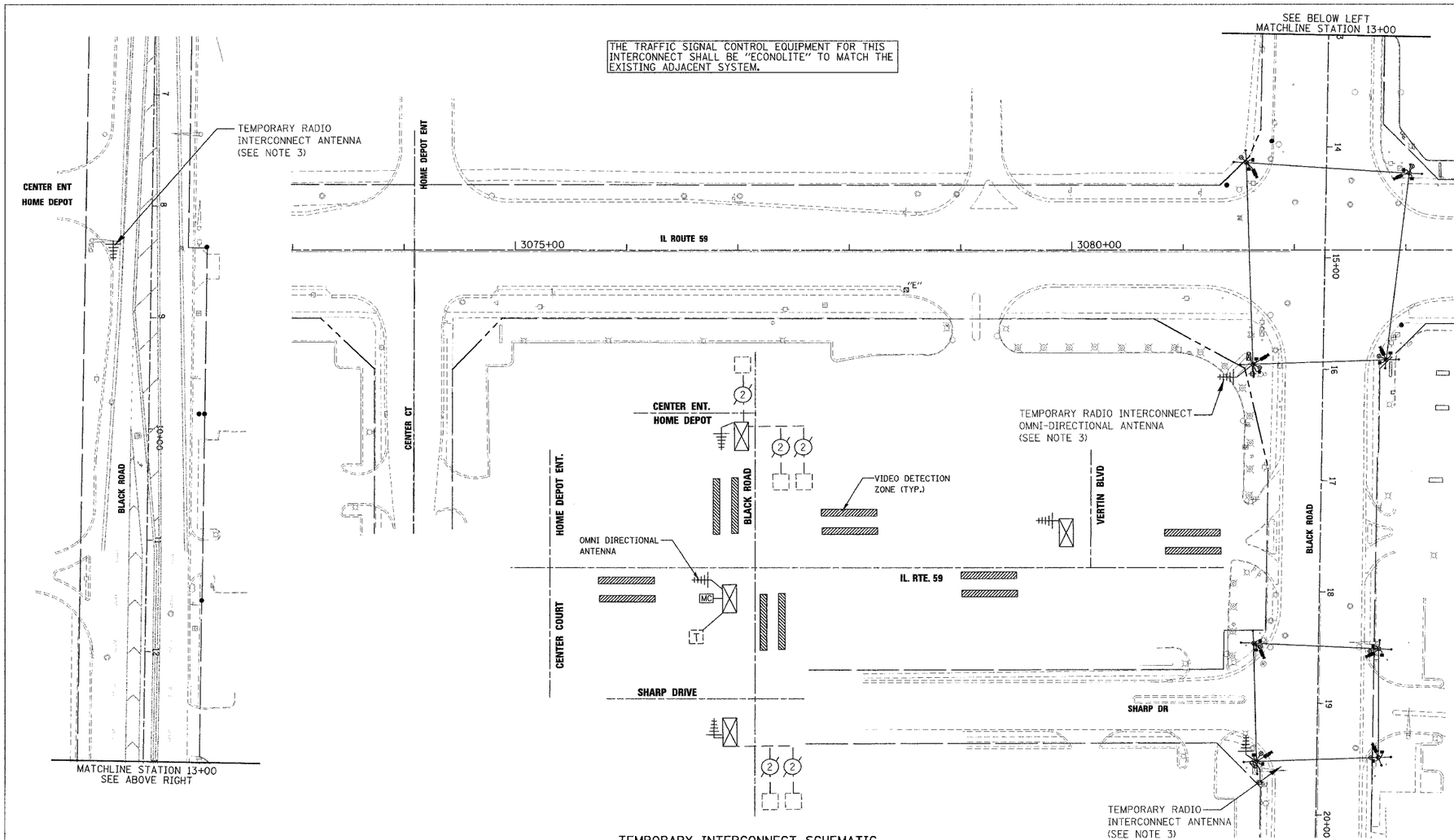
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	114R-1	WILL	355	250
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

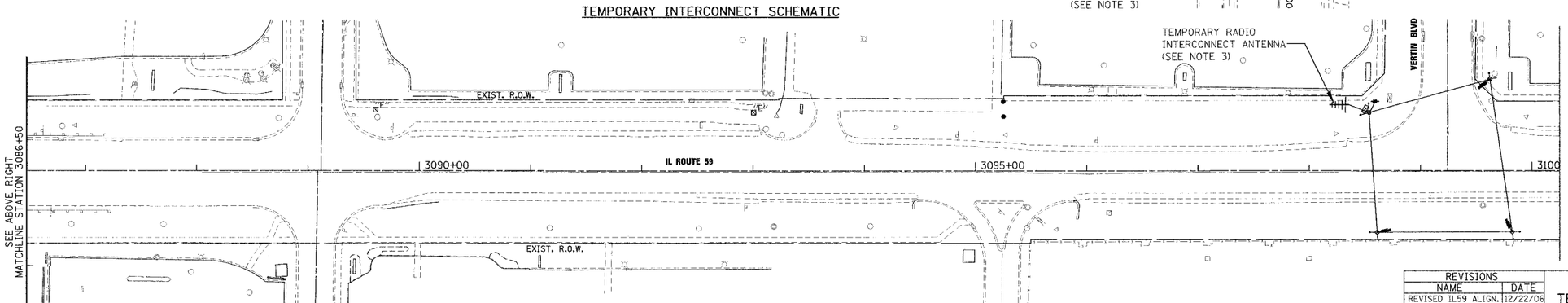
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS INTERCONNECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



TEMPORARY INTERCONNECT SCHEMATIC

NOTES:

1. ALL WORK SPECIFIED IN THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT PLAN SHALL BE COMPLETED ACCORDING TO IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2007, AND DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS REVISED JANUARY 1, 2007.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING TRAFFIC SIGNAL INSTALLATION AT THE BLACK ROAD INTERSECTIONS WITH SHARP DR AND HOME DEPOT CENTER ENTRANCE AND THE INTERCONNECT SYSTEM BETWEEN THE TWO INTERSECTIONS.
3. THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT SYSTEM BETWEEN THE BLACK ROAD INTERSECTIONS WITH SHARP DR. IL59 AND HOME DEPOT CENTER ENTRANCE AND THE IL59/VERTIN BLVD INTERSECTION SHALL BE WIRELESS INTERCONNECT ACCORDING TO THE TEMPORARY TRAFFIC SIGNAL SPECIFICATION OF THE DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS. THE ANTENNA SHALL BE PLACED ON THE EXISTING MAST ARM ASSEMBLY AND POLE AS INDICATED AT THE INTERSECTIONS OF SHARP DR AND HOME DEPOT CENTER ENTRANCE AND CONNECTED TO THE EXISTING CONTROLLER AT EACH INTERSECTION. THE ANTENNA SHALL BE PLACED ON THE WOOD POLE CLOSEST TO THE TEMPORARY CONTROLLER AT IL59 INTERSECTIONS WITH BLACK ROAD AND VERTIN BLVD. ANTENNA SHALL BE CONNECTED TO TEMPORARY CONTROLLER. THE TEMPORARY RF CABLE SHALL BE INSTALLED BETWEEN THE ANTENNA AND THE CONTROLLER CABINET.
4. ALL NECESSARY CABLES, ANTENNA, AND OTHER COMPONENTS REQUIRED FOR FULLY FUNCTIONAL TEMPORARY RADIO INTERCONNECT SYSTEM SHALL BE INCLUDED AND PAID FOR AS THE ITEM TEMPORARY TRAFFIC SIGNAL INTERCONNECT.
5. THE ANTENNAE AND ALL CABLES SHALL BE REMOVED UPON COMPLETION OF THE PROPOSED FIBER OPTIC INTERCONNECT SYSTEM. ANY HOLES IN THE MAST ARMS SHALL BE PLUGGED. THIS SHALL BE INCLUDED IN THE PAY ITEM OF TEMPORARY TRAFFIC SIGNAL INTERCONNECT.



TEMPORARY SYSTEM INTERCONNECT

LEGEND:

- EXISTING CONTROLLER
- EXISTING DOUBLE HANDHOLE
- EXISTING HANDHOLE
- EXISTING UTILITY POLE
- EXISTING G.S. CONDUIT
- EXISTING LOOP DETECTOR
- EXISTING HANDHOLE TO BE REMOVED
- TEMPORARY LMR400 RF CABLE
- TEMPORARY RADIO INTERCONNECT ANTENNA
- TEMPORARY WOOD POLE

REVISIONS	
NAME	DATE
REVISED IL59 ALIGN.	12/22/06

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY SYSTEM INTERCONNECT & TEMPORARY INTERCONNECT SCHEMATIC

BLACK ROAD

SCALE 1"=50'
DATE 3/18/08

DRAWN BY BAR
DESIGNED BY FA
CHECKED BY KMM

PLAN | SURVEYED | PLOTTED | NOTE BOOK | ALIGNMENT CHECKED | DATE | BY | NO. | CADD FILE NAME

PROFILE | SURVEYED | PLOTTED | NOTE BOOK | GRADES CHECKED | DATE | BY | NO. | STRUCT. FE NOTATIONS CHKD