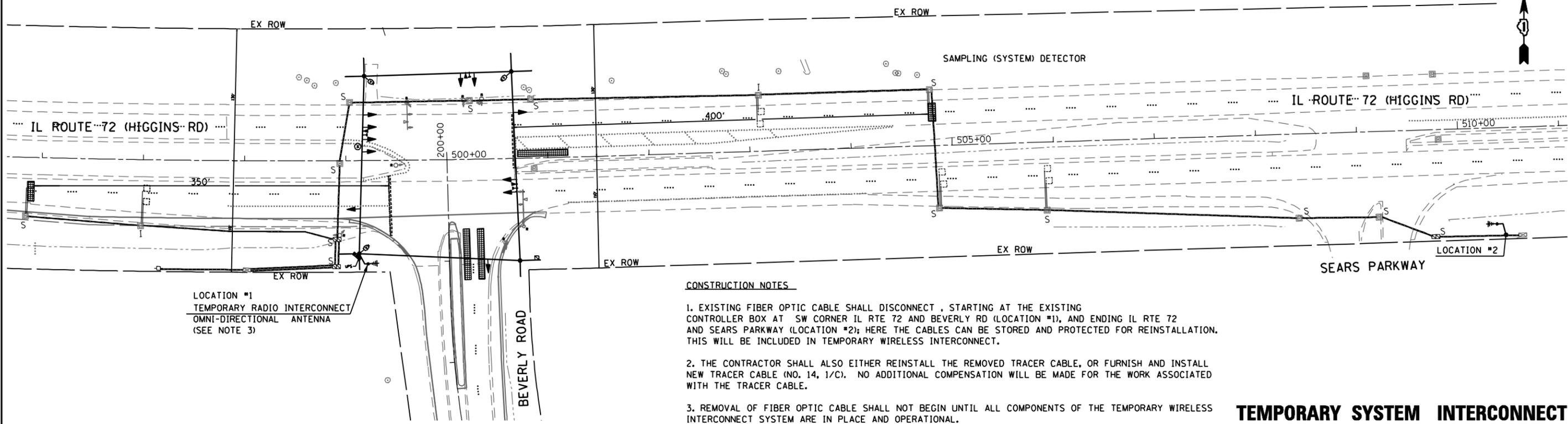


THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS TEMPORARY SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

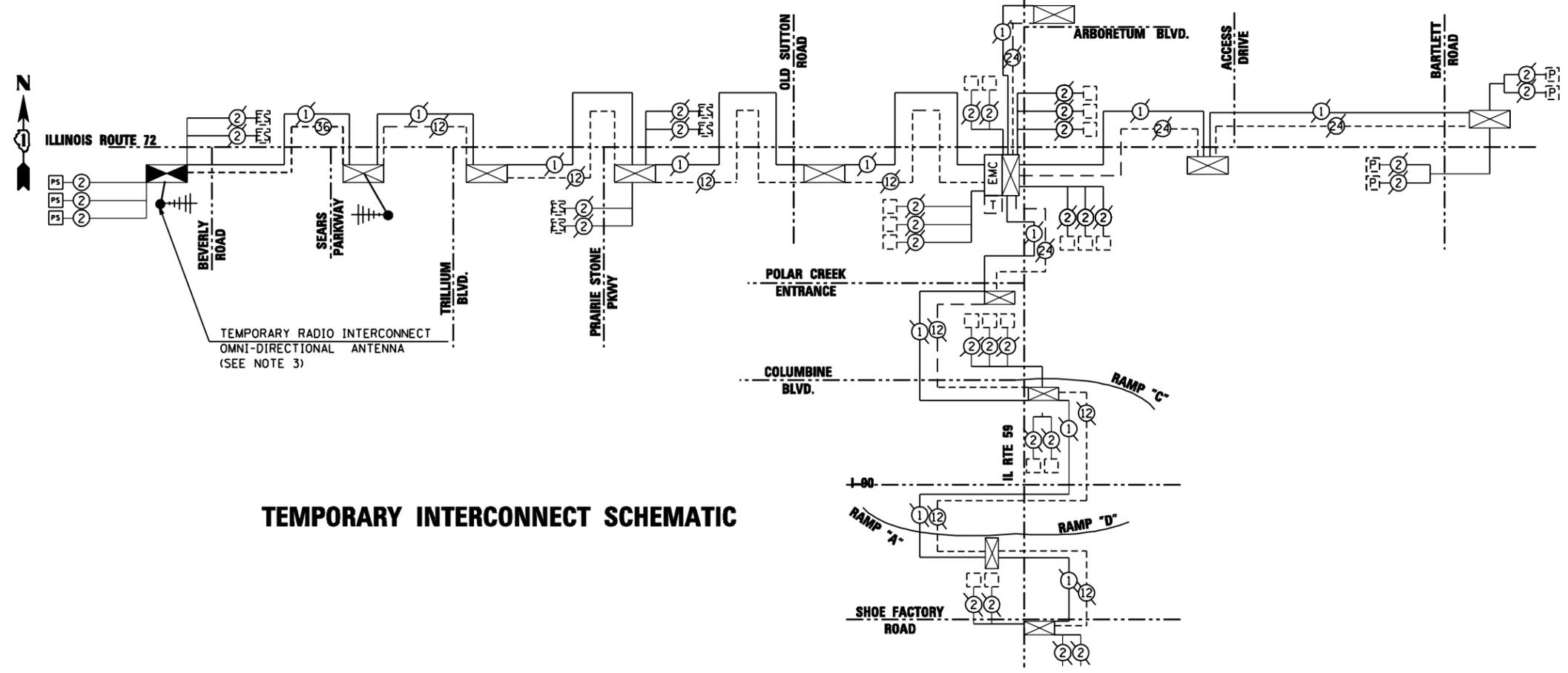


LOCATION #1
TEMPORARY RADIO INTERCONNECT
OMNI-DIRECTIONAL ANTENNA
(SEE NOTE 3)

CONSTRUCTION NOTES

1. EXISTING FIBER OPTIC CABLE SHALL DISCONNECT, STARTING AT THE EXISTING CONTROLLER BOX AT SW CORNER IL RTE 72 AND BEVERLY RD (LOCATION #1), AND ENDING IL RTE 72 AND SEARS PARKWAY (LOCATION #2); HERE THE CABLES CAN BE STORED AND PROTECTED FOR REINSTALLATION. THIS WILL BE INCLUDED IN TEMPORARY WIRELESS INTERCONNECT.
2. THE CONTRACTOR SHALL ALSO EITHER REINSTALL THE REMOVED TRACER CABLE, OR FURNISH AND INSTALL NEW TRACER CABLE (NO. 14, 1/C). NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE WORK ASSOCIATED WITH THE TRACER CABLE.
3. REMOVAL OF FIBER OPTIC CABLE SHALL NOT BEGIN UNTIL ALL COMPONENTS OF THE TEMPORARY WIRELESS INTERCONNECT SYSTEM ARE IN PLACE AND OPERATIONAL.

TEMPORARY SYSTEM INTERCONNECT



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 BEVERLY RD AND IL ROUTE 72 WITH SEARS PARKWAY AND THE INTERCONNECT SYSTEM BETWEEN THE TWO INTERSECTIONS.
 3. THE TEMPORARY TRAFFIC SIGNAL INTERCONNECT SYSTEM BETWEEN THE BEVERLY ROAD INTERSECTIONS WITH SEARS PARKWAY 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 SEARS PARKWAY CONNECTED TO THE EXISTING CONTROLLER AT EACH INTERSECTION.
 4. THE ANTENNA SHALL BE PLACED ON WOOD POLE CLOSEST TO THE TEMPORARY CONTROLLER AT BEVERLY RD AND IL ROUTE 72 (HIGGINS RD) INTERSECTIONS. ANTENNA RF CABLE SHALL BE INSTALLED BETWEEN THE ANTENNA AND THE CONTROLLER CABINET.
 5. 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.
 6. THE ANTENNA 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.

FILE NAME : p:\2009\me0906-ver-phi\cadd\038-IL72-Beverly\Shs\DI60P90-sht-07TINTC01.dgn
 USER : MILLENNIA Professional Services
 DATE : 4/5/2012

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CHECKED -	TVN	REVISED -	
DATE -	4/5/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 72 AT BEVERLY ROAD
TEMPORARY SYSTEM INTERCONNECT AND SCHEMATIC
 SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-071-N	COOK/KANE	56	31
CONTRACT NO. 60P90			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

TINTC-11

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