

NOTE:  
THE EXISTING CONTROLLER IS  
AN EAGLE MODEL M-52 WITH  
VERSION 3.33 E SOFTWARE IN  
A TYPE IV CABINET.

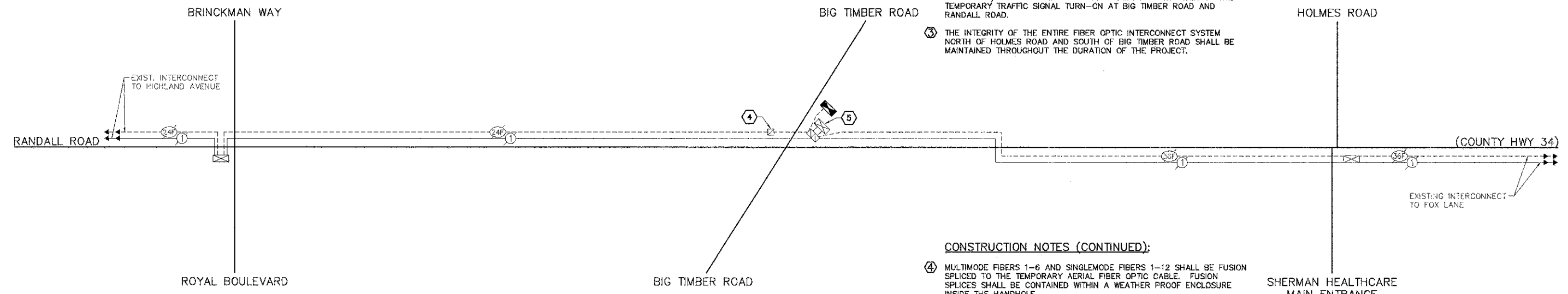
NOTE:  
THE EXISTING MODEL M-52 WITH  
VERSION 3.33 E SOFTWARE IN  
A TYPE IV CABINET.

**CONSTRUCTION NOTES:**

- ① THE TEMPORARY DISCONNECT OF THE EXISTING INTERCONNECT SYSTEM WILL BE COORDINATED WITH THE TEMPORARY TRAFFIC SIGNAL TURN-ON AT BIG TIMBER ROAD AND RANDALL ROAD BY THE CONTRACTOR WITH THE KDOT TRAFFIC ENGINEER AND THE KDOT MAINTENANCE CONTRACTOR.
- ② "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION" AT HOLMES ROAD/SHERMAN HEALTHCARE MAIN ENTRANCE AND AT ROYAL BOULEVARD/BRINCKMAN WAY WILL BE REQUIRED AT THE TIME OF THE TEMPORARY TRAFFIC SIGNAL TURN-ON AT BIG TIMBER ROAD AND RANDALL ROAD.
- ③ THE INTEGRITY OF THE ENTIRE FIBER OPTIC INTERCONNECT SYSTEM NORTH OF HOLMES ROAD AND SOUTH OF BIG TIMBER ROAD SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

**CONSTRUCTION NOTES (CONTINUED):**

- ④ MULTIMODE FIBERS 1-6 AND SINGLEMODE FIBERS 1-12 SHALL BE FUSION SPLICED TO THE TEMPORARY AERIAL FIBER OPTIC CABLE. FUSION SPLICES SHALL BE CONTAINED WITHIN A WEATHER PROOF ENCLOSURE INSIDE THE HANDHOLE.
- ⑤ MULTIMODE FIBERS 1-6 AND SINGLEMODE FIBERS 1-6 SHALL BE CONNECTORIZED AND PLUGGED INTO THE EXISTING NETWORK EQUIPMENT IN THE EXISTING CABINET. SINGLEMODE FIBERS 7-12 SHALL BE FUSION SPLICED TO THE SINGLEMODE FIBERS 7-12 GOING NORTH ALONG RANDALL ROAD TO HOLMES ROAD. THE EXISTING NETWORK EQUIPMENT SHALL BE MAINTAINED WITHIN THE EXISTING CABINET AND FOUR (4) OUTDOOR-RATED CAT5 CABLES WILL BE CONNECTED AND RUN THROUGH THE TEMPORARY 2" UNIT DUCT TO THE EQUIPMENT IN THE TEMPORARY CABINET SO THAT ALL THE ETHERNET CAPABLE EQUIPMENT REMAINS ON THE KANE COUNTY NETWORK.



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE SIEMENS M-50 SERIES IP ACCESSIBLE VIA ETHERNET TO THE KDOT ATMS TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = 4459.000-TR1.dwg	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY INTERCONNECT PLAN &amp; SCHEMATIC - RANDALL ROAD BETWEEN ROYAL BLVD/BRINCKMAN WAY AND HOLMES ROAD</b>	F.A.P. RTE. 527	SECTION 08-00369-00-SP	COUNTY KANE	TOTAL SHEETS 67	SHEET NO. 21		
PLT SCALE = 1" = .0833'	CHECKED - KLB	REVISOR -	DATE - 3/21/2012			SCALE AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLT DATE = 3/21/2012	DATE - 3/21/2012	REVISOR -				GHA #4459.000 CONTRACT # 63669						