

64A38  
28/15

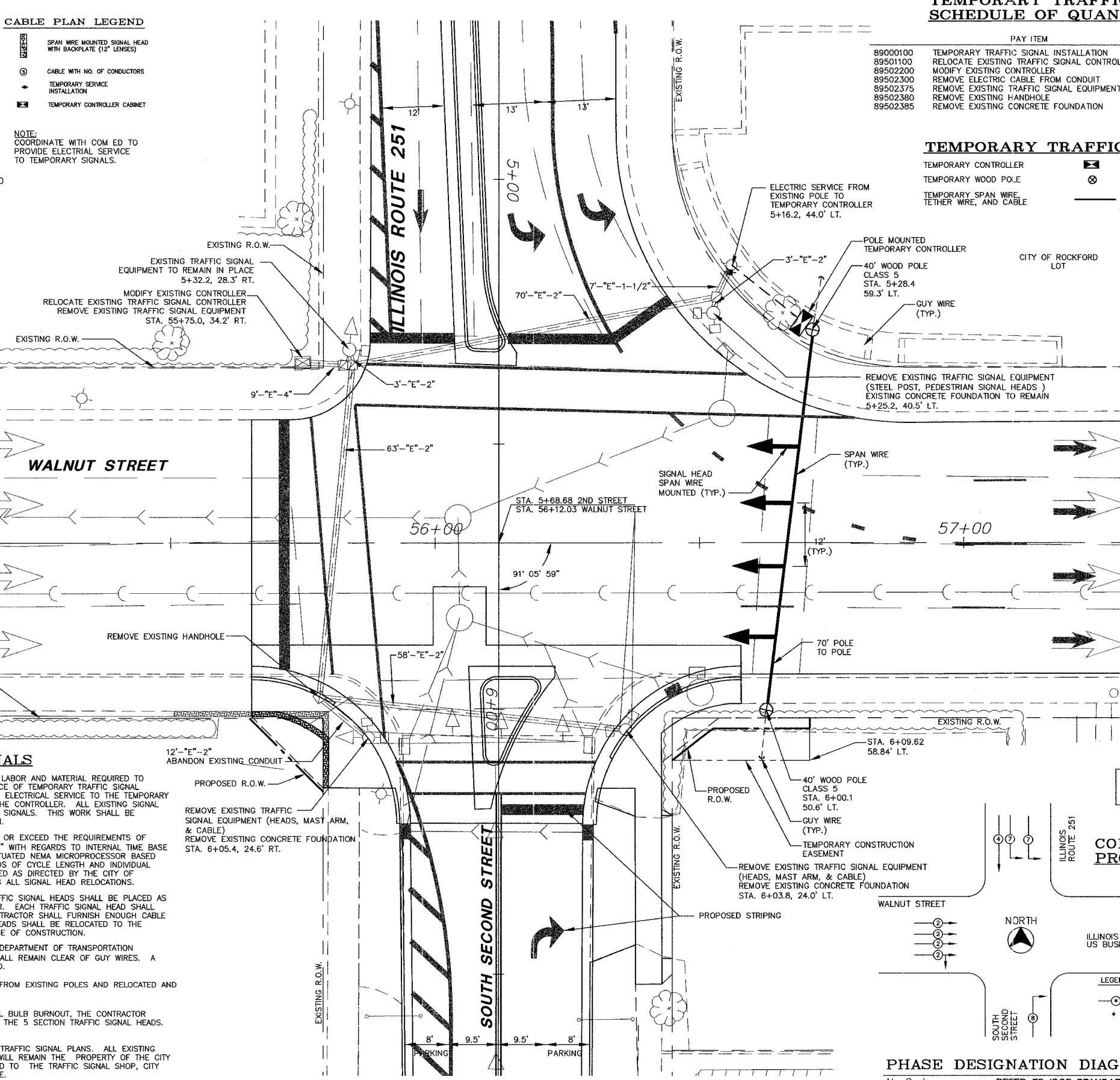
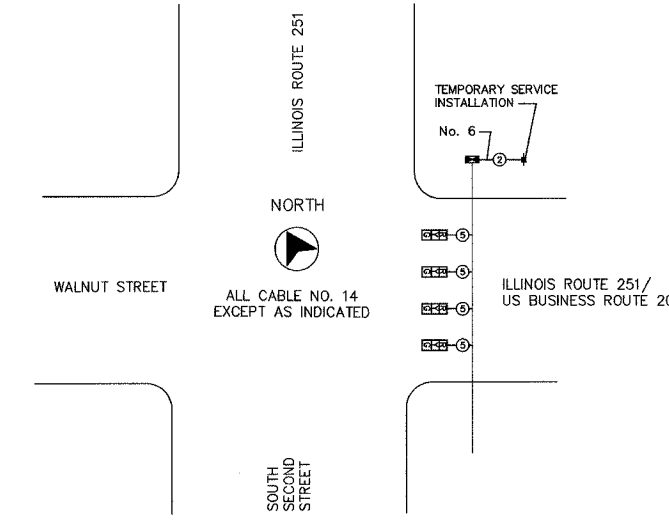
**TEMPORARY TRAFFIC SIGNAL SCHEDULE OF QUANTITIES**

PAY ITEM	QUANTITY	UNIT
89000100 TEMPORARY TRAFFIC SIGNAL INSTALLATION	1	EACH
89501100 RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	1	EACH
89502200 MODIFY EXISTING CONTROLLER	1	EACH
89502300 REMOVE ELECTRIC CABLE FROM CONDUIT	2554	FOOT
89502375 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	4	EACH
89502380 REMOVE EXISTING HANDHOLE	1	EACH
89502385 REMOVE EXISTING CONCRETE FOUNDATION	2	EACH

**TEMPORARY TRAFFIC SIGNAL LEGEND**

TEMPORARY CONTROLLER	EXISTING CONTROLLER
TEMPORARY WOOD POLE	EXISTING HANDHOLE
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE	TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED
	GUY WIRE

CONTRACT #	64A38
SECTION	15
CITY	MINNEAPOLIS
DATE	12/15/04
PROJECT	140CS/TS-3



**ILLINOIS ROUTE 251 /US BUSINESS ROUTE 20**

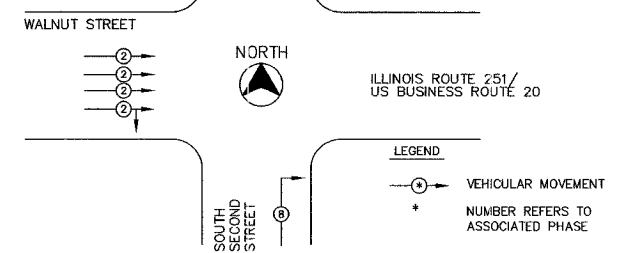
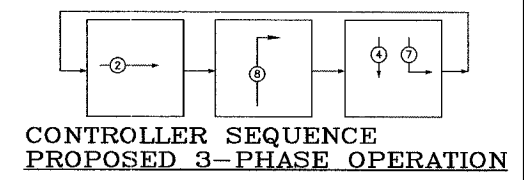
**TEMPORARY CABLE PLAN**

No Scale

**SCALES:**  
PLAN: 1"=10'

**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

- THE CONTRACTOR WILL SUPPLY AND INSTALL ALL TEMPORARY TRAFFIC EQUIPMENT. ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCIDENTAL TO THE BID PRICE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF THE ELECTRICAL SERVICE TO THE TEMPORARY SIGNALS WITH COM ED AND WILL PROVIDE THE ELECTRICAL CABLE NECESSARY TO FEED THE CONTROLLER. ALL EXISTING SIGNAL HEADS TO REMAIN SHALL BE HOODED FOLLOWING THE INSTALLATION OF THE TEMPORARY SIGNALS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE BID PRICE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- THE CONTROLLER USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF SECTION 857 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WITH REGARDS TO INTERNAL TIME BASE COORDINATION AND PREEMPTION. THIS TEMPORARY CONTROLLER SHALL BE A FULLY ACTUATED NEMA MICROPROCESSOR BASED INSTALLED IN CABINET WITH 8 PHASE BACK PANEL CAPABLE OF SUPPLYING 255 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS. THE CONTROLLER SHALL BE PROGRAMMED AS DIRECTED BY THE CITY OF ROCKFORD. THE TEMPORARY TRAFFIC CONTROLLER SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
- ALL TRAFFIC SIGNAL SECTIONS SHALL BE 12 INCHES IN DIAMETER. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. EACH TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE THE HEADS TO ANY POSITION ON THE SPAN WIRE. THE SIGNAL HEADS SHALL BE RELOCATED TO THE APPROPRIATE LOCATION AT THE DIRECTION OF THE ENGINEER FOR THE ASSOCIATED STAGE OF CONSTRUCTION.
- THE INSTALLATION OF THE POLES SHALL CONFORM WITH SECTION 808 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ALL SIDEWALKS SHALL REMAIN CLEAR OF GUY WIRES. A SIDEWALK GUY WILL BE USED WHERE CONDITIONS REQUIRE AS DETERMINED IN THE FIELD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE.
- IN ORDER TO PREVENT FAILURE OF THE TEMPORARY TRAFFIC SIGNALS DUE TO INDIVIDUAL BULB BURNOUT, THE CONTRACTOR SHALL INSTALL A LOAD RESISTANT DEVICE IN THE TEMPORARY TRAFFIC CONTROLLER FOR THE 5 SECTION TRAFFIC SIGNAL HEADS. THIS DEVICE SHALL BE APPROVED BY THE CITY OF ROCKFORD PRIOR TO INSTALLATION.
- ALL SIGNAL EQUIPMENT TO REMAIN IN PLACE UNLESS SPECIFIED FOR REMOVAL ON THE TRAFFIC SIGNAL PLANS. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED, WITH THE EXCEPTION OF PULLED CABLE, WILL REMAIN THE PROPERTY OF THE CITY OF ROCKFORD. THESE ITEMS ARE TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE TRAFFIC SIGNAL SHOP, CITY YARDS, 500 S. INDEPENDENCE AVE. THE CONTRACTOR SHALL RETAIN CABLE AS SALVAGE.



REVISIONS		
NO.	ITEM	DATE

PLOTTING SCALE: 1"=1'  
DRAWN BY: KRL/BSL  
CHECKED BY: JMH  
DATE: DECEMBER 1, 2004

**McCLURE ENGINEERING ASSOCIATES, INC.**  
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**TEMPORARY SIGNAL PLAN**  
CITY OF ROCKFORD  
WALNUT STREET (HES):  
FILE NAME: H:\SecondSt-2004(HES)\TempSigplan.dwg  
SEC. 140CS-TS-3  
JOB NUMBER: 04-28-04-045