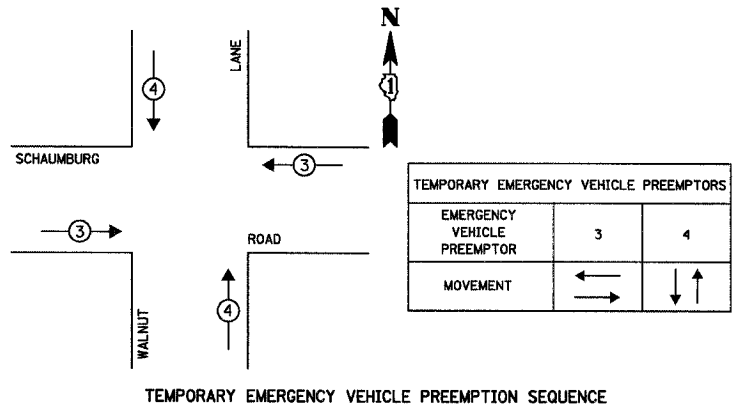
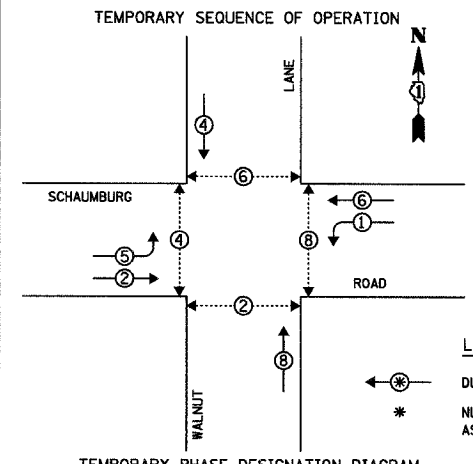


CONTRACT No. 83799



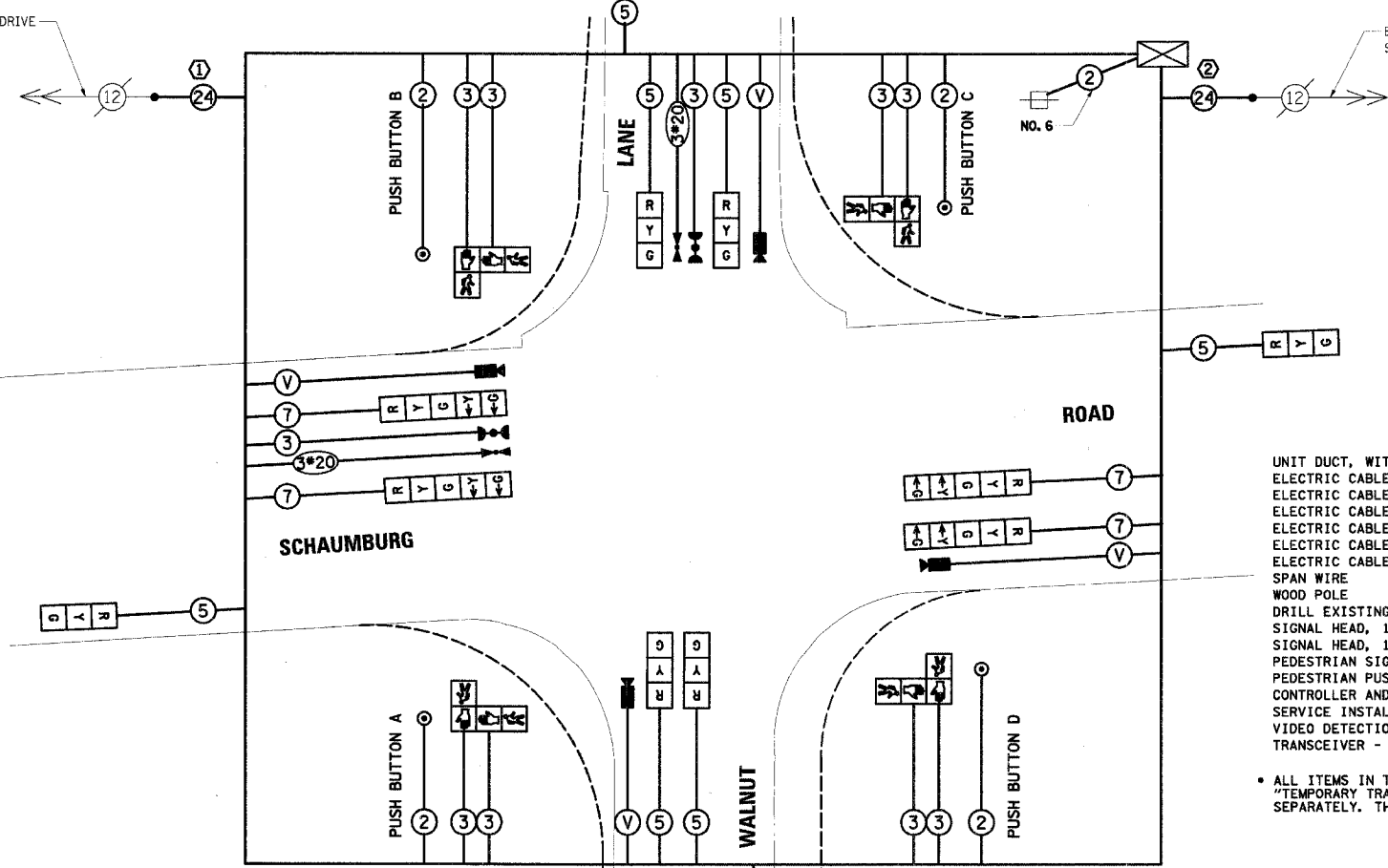
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

LEGEND
 ⊕ DUAL ENTRY PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY CABLE DIAGRAM LEGEND

- ⊠ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ⊞ TEMPORARY CONTROLLER CABINET
- ⊕ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ⚡ EMERGENCY VEHICLE LIGHT DETECTOR
- ⚡ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- 📹 VIDEO DETECTION CAMERA
- Ⓧ VIDEO DETECTION CABLE(S) AS REQUIRED BY THE VIDEO EQUIPMENT MANUFACTURER



ESTIMATED BILL OF MATERIALS

ITEM	UNIT	QUANTITY
UNIT DUCT, WITHOUT CABLE, 2"	FOOT	45
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT	490
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	950
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	900
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	530
ELECTRIC CABLE AERIAL SUSPENDED, VIDEO DETECTION	FOOT	630
ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2C	FOOT	50
SPAN WIRE	FOOT	440
WOOD POLE	EACH	4
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	8
SIGNAL HEAD, 1-FACE, 5-SECTION, SPAN WIRE MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, 2-FACE, 2-SECTION, BRACKET MOUNTED	EACH	4
PEDESTRIAN PUSHBUTTON	EACH	4
CONTROLLER AND CABINET	EACH	1
SERVICE INSTALLATION	EACH	1
VIDEO DETECTION SYSTEM	EACH	1
TRANSCIEVER - FIBER OPTIC	EACH	1

* ALL ITEMS IN THESE BILL OF MATERIALS ARE INCLUDED IN THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION" AND ARE NOT PAID FOR SEPARATELY. THESE ARE ESTIMATED QUANTITIES TO AID THE CONTRACTOR.

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CONSTRUCTION NOTES:

- ① INTERCEPT EXISTING 2" CONDUIT WITH NEW HANDHOLE. SPLICE TEMPORARY INTERCONNECT CABLE TO EXISTING INTERCONNECT CABLE IN HANDHOLE. THE TEMPORARY INTERCONNECT CABLE TO BE INSTALLED TO THE TEMPORARY CONTROLLER ON SPAN WIRE. COST OF THE NEW HANDHOLE WILL BE PAID FOR SEPARATELY FROM THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. PROVIDE 5' CAPPED 2", 2 1/2" AND 4" GALVANIZED STEEL CONDUIT STUB OUTS FOR PROPOSED CONDUIT RUNS.
- ② PULL BACK EXISTING INTERCONNECT CABLE TO FAR BACK EXISTING DETECTOR HANDHOLE. INSTALL NEW DOUBLE HANDHOLE AND 2" GALVANIZED STEEL CONDUIT TO FAR BACK EXISTING DETECTOR HANDHOLE AND REINSTALL EXISTING INTERCONNECT CABLE TO NEW DOUBLE HANDHOLE. SPLICE TEMPORARY INTERCONNECT CABLE TO EXISTING INTERCONNECT CABLE IN NEW DOUBLE HANDHOLE. RUN THE TEMPORARY INTERCONNECT TO THE CONTROLLER IN 2" UNIT DUCT. COST OF NEW DOUBLE HANDHOLE AND 2" GALVANIZED CONDUIT WILL BE PAID FOR SEPARATELY FROM THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. PROVIDE 5' CAPPED 2 1/2" AND 4" GALVANIZED STEEL STUB OUTS FOR PROPOSED CONDUIT RUNS.

NOTES:

- PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
- PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
- PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
- PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
 SCHAUMBURG ROAD AND WALNUT LANE

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

SCALE: 1" = 20'
 DATE: 5-05-03
 DRAWN BY: FCP
 DESIGNED BY: SJP
 CHECKED BY: GMZ