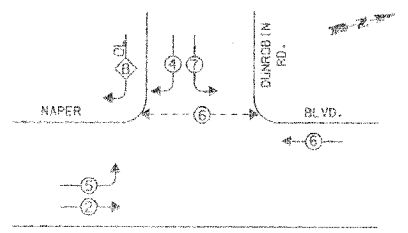


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P85604-00128-00-TL	DUPAGE	ILLINOIS	21	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 83793				

CONTROLLER SEQUENCE



LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- OVERLAP
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM
 DUAL ENTRY - ALL LEGS
 PROTECTED/PERMITTED LEFT TURN PHASING
 WITH RIGHT TURN OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE	DISPLAY
B	4	5	- 4

DISPLAY - THE YELLOW RIGHT ARROW OF THE OVERLAP SHALL BE INHIBITED DURING THE PERMISSIVE PHASE'S YELLOW INTERVAL. THE GREEN RIGHT ARROW OF THE OVERLAP SHALL BE INHIBITED DURING THE PERMISSIVE PHASE'S GREEN INTERVAL.

CLEARANCE NOTES FOR RIGHT TURN OVERLAPS WITH 5-SECTION RIGHT TURN SIGNAL HEAD DISPLAYS

- CONTINUATION OF AN OVERLAP DURING ITS PERMISSIVE PHASE SHALL BE WITH A CIRCULAR YELLOW DISPLAYED TOGETHER WITH A GREEN RIGHT ARROW WHEN FOLLOWED BY THAT OVERLAP'S PROTECTED PHASE.
- TERMINATION OF AN OVERLAP DURING ITS PERMISSIVE PHASE SHALL BE WITH A CIRCULAR YELLOW WHEN NOT FOLLOWED BY THAT OVERLAP'S PROTECTED PHASE.
- CONTINUATION OF AN OVERLAP DURING ITS PROTECTED PHASE SHALL BE WITH A CIRCULAR RED DISPLAYED TOGETHER WITH A GREEN RIGHT ARROW WHEN FOLLOWED BY THAT OVERLAP'S PERMISSIVE PHASE.
- TERMINATION OF AN OVERLAP DURING ITS PROTECTED PHASE SHALL BE WITH A CIRCULAR RED DISPLAYED TOGETHER WITH A YELLOW RIGHT ARROW WHEN NOT FOLLOWED BY THAT OVERLAP'S PERMISSIVE PHASE.

INTERCONNECT TO GREEN TRAILS (SEE INTERCONNECT SHEET XX)
 TRACER CABLE

NOTES:

- THE CONTROLLER SHALL BE AN ECONOLITE ASC/2-2100.
- THE INTERSECTION MONITOR SHALL BE THE MANUFACTURE OF THE ECONOLITE CONTROL PRODUCTS, INC.
- COMBINATION MAST ARM ASSEMBLY AND POLES SHALL HAVE 18" BOLT CIRCLES, 40" LUMINAIRE MOUNTING HEIGHT AND GE LIGHTING MPS LUMINAIRES OF 400 WATTS.
- DETECTOR AMPLIFIERS SHALL BE RENO A & E MODEL C, RACK MOUNTED.
- PERMANENTLY INSTALLED LIGHT RECEPTACLES SHALL BE PROVIDED ON THE BOTTOM LEFT AND RIGHT SIDES OF THE CABINET BACK PANEL (INCIDENTAL TO COST.)
- THE TRAFFIC SIGNAL CABINET SHALL BE EQUIPPED WITH 2 SINGLE POLE 20 AMP CIRCUIT BREAKERS FOR THE COMBINATION STREET LIGHT SERVICE.

CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	8" (200 mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300 mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300 mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	12" (300 mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	VEHICLE DETECTOR, INDUCTION LOOP
[Symbol]	[Symbol]	MAGNETIC DETECTOR
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	PUSHBUTTON DETECTOR
[Symbol]	[Symbol]	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
[Symbol]	[Symbol]	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
[Symbol]	[Symbol]	LUMINAIRE
[Symbol]	[Symbol]	TELEPHONE DROP

LEGEND

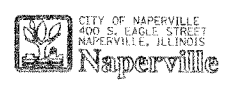
PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MMI 2F SMI 2F	[Symbol]
PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)	[Symbol]

NOTE:
 PLANS ARE BASED ON EXISTING "AS-BUILT" DRAWINGS. FIELD CONDITIONS MAY VARY FROM THOSE SHOWN

INSTALLATION OF EMERGENCY VEHICLE PREEMPTION 3-25-02
 SEE REVISED PLANS PREPARED BY CHRISTOPHER BURKE ENGR.

INSTALLATION OF FIBER OPTIC INTERCONNECT ON NAPER BLVD HOBSON TO DUNROBIN

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



NO.	DATE	NATURE OF REVISION	CHKD.	FILE NAME

SUMMARY OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM
 NAPER BOULEVARD AND DUNROBIN ROAD
 NAPERVILLE, ILLINOIS

PROJECT NO.	96-213H
DATE	8-22-97
SHEET	3 OF 5
DRAWING NO.	96-213H-3

2628-3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 NAPER BOULEVARD INTERCONNECT
 DUNROBIN ROAD
 CABLE PLAN

SCALE: NTS
 DATE
 DRAWN BY: JS
 CHECKED BY: DJ

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#