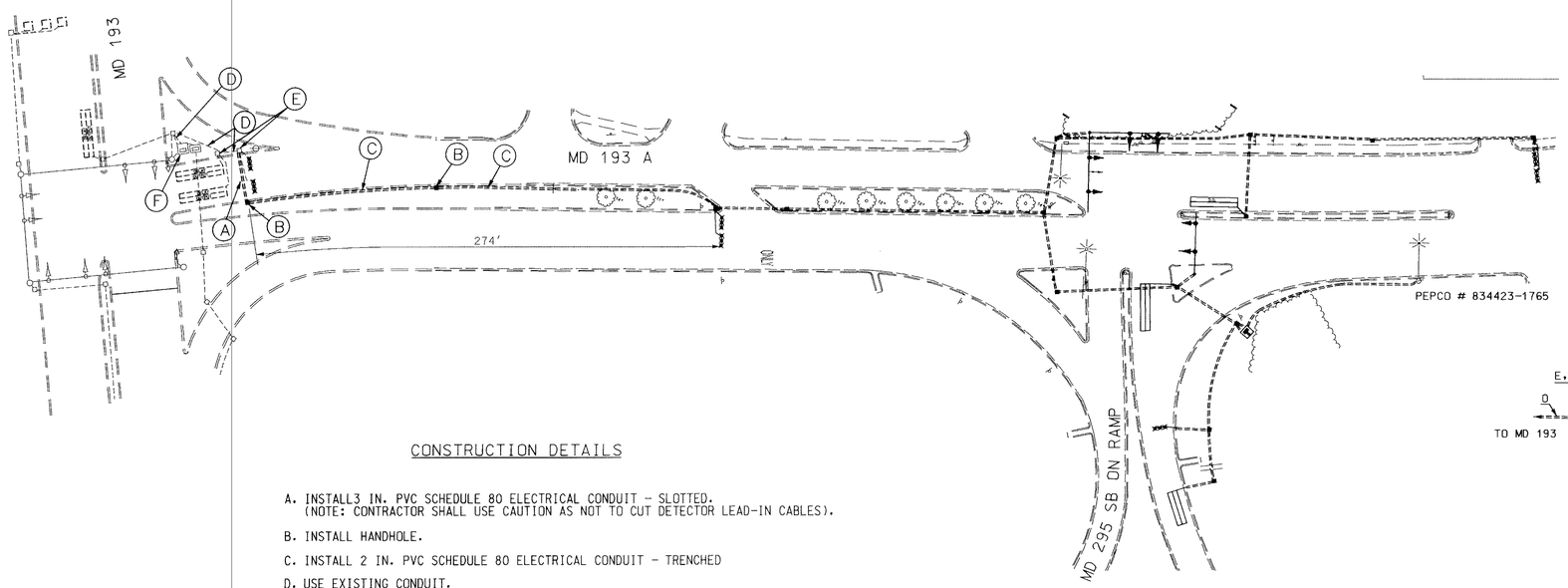
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD		2	3

INTERCONNECT PLAN

(NOT TO SCALE)



CONSTRUCTION DETAILS

A. INSTALL3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
(NOTE: CONTRACTOR SHALL USE CAUTION AS NOT TO CUT DETECTOR LEAD-IN CABLES).

B. INSTALL HANDHOLE.

C. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED

D. USE EXISTING CONDUIT.

E. USE EXISTING HANDHOLE.

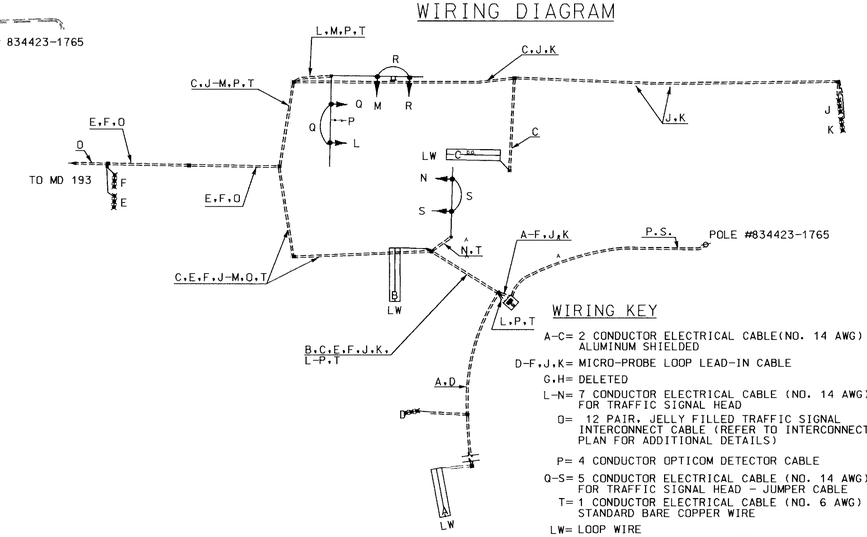
F. PULL PROPOSED INTERCONNECT CABLE INTO EXISTING BASE MOUNTED CABINET AND TAG / LABLE CABLE.

PHASING SEQUENCE CHART

	1	2	3	4	5	6	
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	
PHASE 2 & 6	G	G	G	G	R	R	←
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	R	R	→
PHASE 4	R	R	R	R	G	G	↑
PHASE 4 CHANGE	R	R	R	R	Y	Y	↑
PRE EMPT 1	R	R	G	G	R	R	←
PRE EMPT 1 CHANGE	R	R	G	G	R	R	→
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	↑ ← T

KEY
R= RED
Y= YELLOW
G= GREEN
←Y= YELLOW ARROW
←G= GREEN ARROW
FL= FLASHING

WIRING DIAGRAM



WIRING KEY

A-C= 2 CONDUCTOR ELECTRICAL CABLE(NO. 14 AWG) ALUMINUM SHIELDED
D-F,J,K= MICRO-PROBE LOOP LEAD-IN CABLE
G,H= DELETED
L-N= 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD
O= 12 PAIR, JELLY FILLED TRAFFIC SIGNAL INTERCONNECT CABLE (REFER TO INTERCONNECT PLAN FOR ADDITIONAL DETAILS)
P= 4 CONDUCTOR OPTICOM DETECTOR CABLE
Q-S= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD - JUMPER CABLE
T= 1 CONDUCTOR ELECTRICAL CABLE (NO. 6 AWG) STANDARD BARE COPPER WIRE
LW= LOOP WIRE
PS= POWER SERVICE 1 CONDUCTOR (NO. 4 AWG) THHN/THWN

REVISIONS	APPROVALS
	ASST. DIVISION CHIEF, TEDD
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

CONSULTING ENGINEERS
COLUMBIA, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 193A (SOUTHWAY) AT SOUTHBOUND BALTIMORE/ WASHINGTON PARKWAY RAMP
GENERAL INFORMATION SHEET 1 OF 2

LOG MILE: 160193A0.15 DATE 1/15/98

DRAWN BY: R. CICCHINI	F.A.P. NO.	AC-STPG-000S(588)E	TRAFFIC SIGNAL NO.:	SHEET NO.
CHECK BY: D. PETERS	S.H.A. NO.	AW277A5H/05H		
SCALE: N/A	COUNTY	PRINCE GEORGE'S	GI-~~3775~~ 3785	2 OF 3

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