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

CONSTRUCTION DETAILS
PHASE I

A. Relocate existing traffic signal head to new location as shown. (Note: Existing cables are to remain for future use.)

B. Install sign on span wire as shown.

C. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (2-4-2).

D. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

E. Install pavement marking as shown.

F. Use existing span wire for proposed electrical cables as shown.

G. Use existing handhole as shown.

H. Use existing conduit as shown.

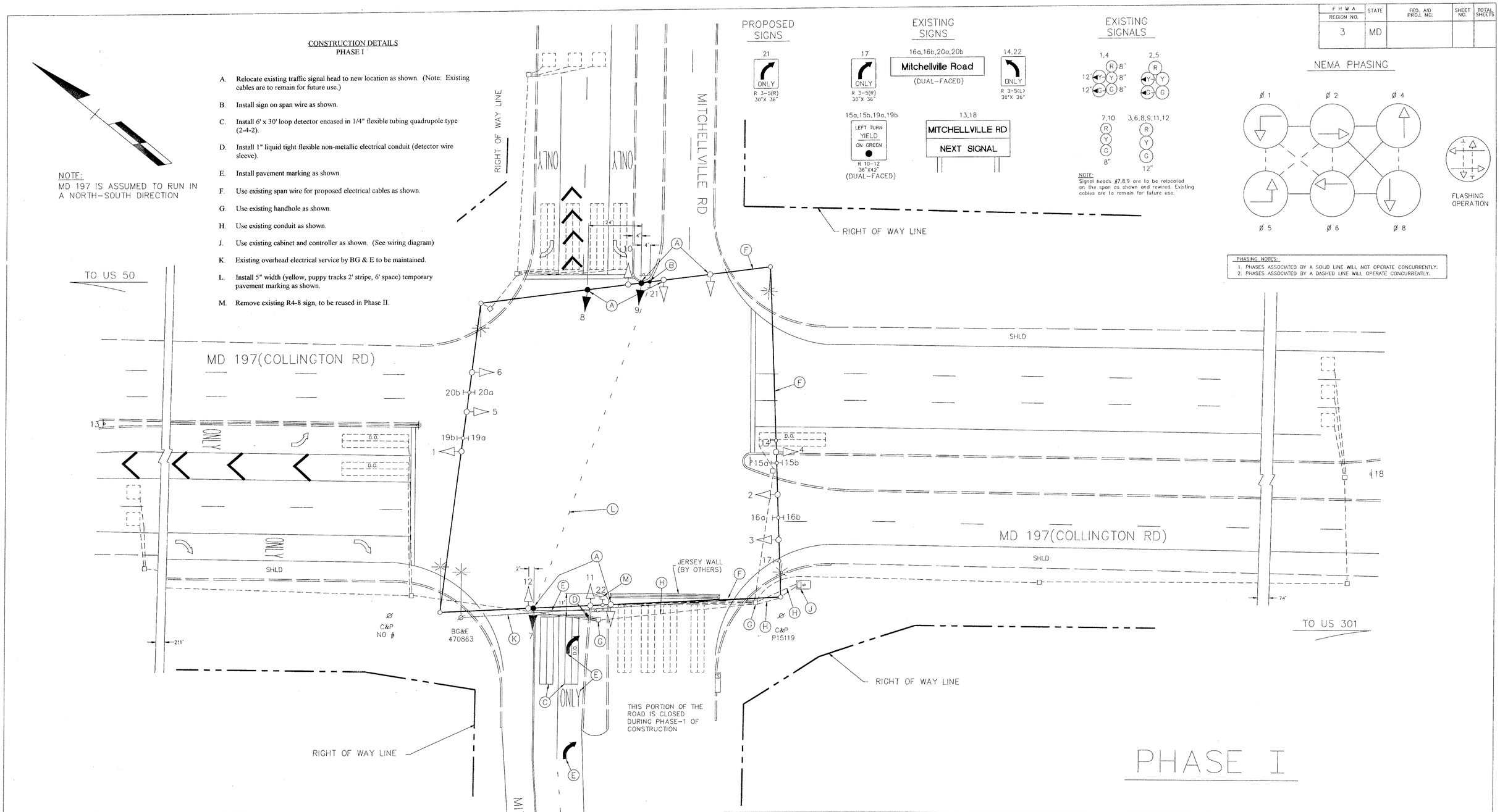
J. Use existing cabinet and controller as shown. (See wiring diagram)

K. Existing overhead electrical service by BG & E to be maintained.

L. Install 5" width (yellow, puppy tracks 2' stripe, 6' space) temporary pavement marking as shown.

M. Remove existing R4-8 sign, to be reused in Phase II.

NOTE:
MD 197 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

STREET TRAFFIC STUDIES, LTD.
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(410) 859-3553

2940

REVISIONS

© 1-96
MODIFY SIGNAL DUE TO GEOMETRIC IMPROVEMENTS ON E.B. MITCHELLVILLE RD
SHA NO.BW 833-802-312
RRZ MR 1-22 TH 1/22

® 8/92
CHANGE EXCLUSIVE LEFT TURN PHASE TO EXCLUSIVE/PERMISSIVE.
BT

APPROVALS

CHIEF, SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

ORIGINAL ON FILE

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic and Safety
TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL NUMBER:
LOG MILE: 16019700.33

DRAWN BY: BRUCE THOMPSON DJF
DES. BY: H.A. BADGETT
CHK. BY:

MD 197 AND MITCHELLVILLE ROAD
COUNTY PRINCE GEORGES

DATE: REDRAWN 8-1-92
SCALE: 1"=20'
F.A.P. NO.
S.H.A. NO. P-410-503-372
TS/STD. NO. 2463C
SHEET NO. ___ OF ___