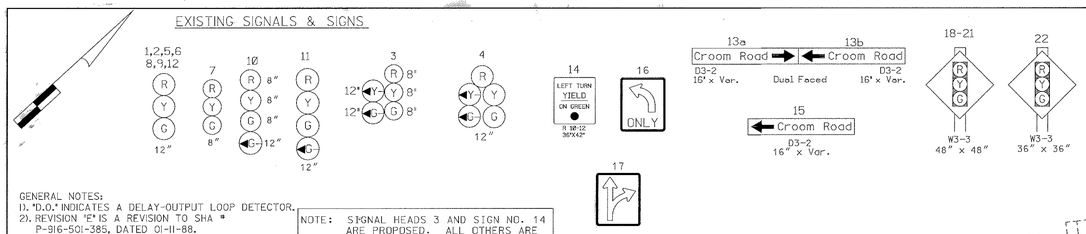
F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.			

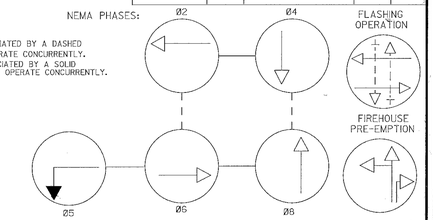
EXISTING SIGNALS & SIGNS



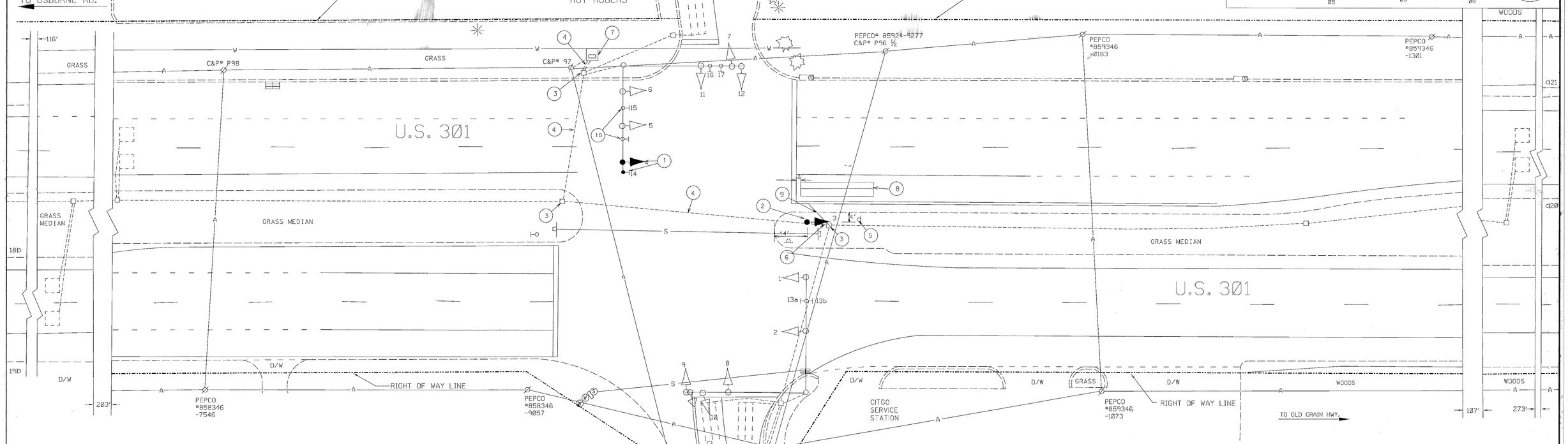
GENERAL NOTES:
1). "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR.
2). REVISION 'E' IS A REVISION TO SHA # P-916-501-385, DATED 01-11-88.
3). THE ORIGINAL TS-2366 HAS BEEN FILED.

NOTE: SIGNAL HEADS 3 AND SIGN NO. 14 ARE PROPOSED. ALL OTHERS ARE EXISTING.

NEMA PHASES:



NEMA NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

1. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW 12" ONE-WAY, FIVE SECTION SIGNAL HEAD (R,Y,G,YA,GA) AND R10-12 SIGN AS SHOWN ON PLAN.
2. INSTALL 14' PEDESTAL POLE AND NEARSIDE ONE-WAY, FIVE-SECTION SIGNAL HEAD.
3. EXISTING HANDHOLE TO BE USED.
4. EXISTING CONDUIT TO BE USED.
5. RELOCATE EXISTING SIGNS TO PROPOSED PEDESTAL AND REMOVE WOOD POSTS. (NOTE: SHOP TO SUPPLY CONTRACTOR WITH TWO (2) SIGN BUCKLES BANDED TO NEW PEDESTAL POLE.
6. INSTALL 2" ELECTRICAL CONDUIT (SCHEDULE 80) - TRENCHED
7. EXISTING CABINET AND SERVICE TO BE UTILIZED.
8. INSTALL 6' X 30' QUADRUPOLE LOOP DETECTOR (3-6-3 TURNS).
9. INSTALL 1" GALVANIZED SLEEVE.
10. RELOCATE EXISTING SIGN TO NEW LOCATION ON MAST ARM AS SHOWN ON PLAN.

NOTE TO SHA SHOP

I. THE SHA SHOP SHALL CONTACT THE MARLBORO VOLUNTEER FIRE DEPARTMENT (1-301-952-3618) TO GIVE THEM TWO (2) EMITTERS FOR TWO FIRE COMPANY VEHICLES. THE FIRE DEPARTMENT SHALL BE GIVEN THE NAME OF THE 3M REPRESENTATIVE, MR. SAM SMITH, (1-703-777-5901) FOR THE INSTALLATION OF THESE EMITTERS, AND FUTURE EMITTERS (TO BE PURCHASED BY THE FIRE DEPARTMENT). THE MARLBORO FIRE DEPARTMENT SHALL ABSORB THE COST OF THE INSTALLATION OF THE EMITTERS, AND FUTURE EMITTERS.

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

REVISIONS

(E) INSTALL E/P LEFT TURN PHASE ON SOUTHBOUND US 301 & MD 382 — 5/98

D. 06/96 - AS BUILT; ADDED OPTICOM TO W/B MD. 382 SHA # AW-102-501-385

C. 11/93 - ADDED LOOPS ON MD. 382 SHA #

B. 9-28-93 AS BUILT SHA #

RRZ

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NOTE: THIS IS A REVISION TO P-916-501-385 DATED 1-11-88 ORIGINAL PLANS ON FILE

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL # 160300110.34

DRAWN BY: S.R.BARANOWSKI (FOR STS)
DES. BY: R.R.ZACHERL (FOR STS)
CHK. BY: E.M.M.

U.S. 3Ø1 & MD. 382

COUNTY: PRINCE GEORGES

DATE: 1-11-88
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. 3855TD567427

TS/STD. NO. TS-2366 (E)

SHEET NO. 1 OF 2