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

PROPOSED SIGNS

14 — R3-5(L) (30" x 36") — ONLY

15 — R3-6 (30" x 36")

EXISTING SIGNS

10,11 — R10-12 (36" x 42") — LEFT TURN YIELD ON GREEN

9 — Solley RD — D3-2 SIGN

12 — Solley RD — D3-2 SIGN

13,16 — Ft. Smallwood RD — D3-2 SIGN

EXISTING SIGNAL HEADS

1,3 — R, Y, G, ◄Y, ◄G — 12"

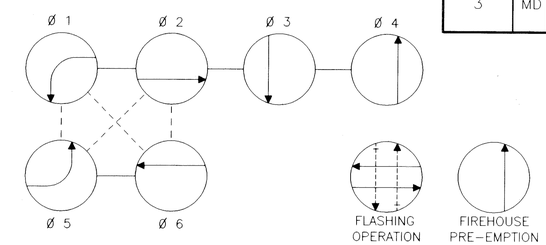
2,4,6,8 — R, Y, G — 12"

5 — R, Y, G, ◄G — 12"

PROPOSED SIGNAL HEADS

7 — R, Y, G, ◄G — 12"

NEMA PHASING

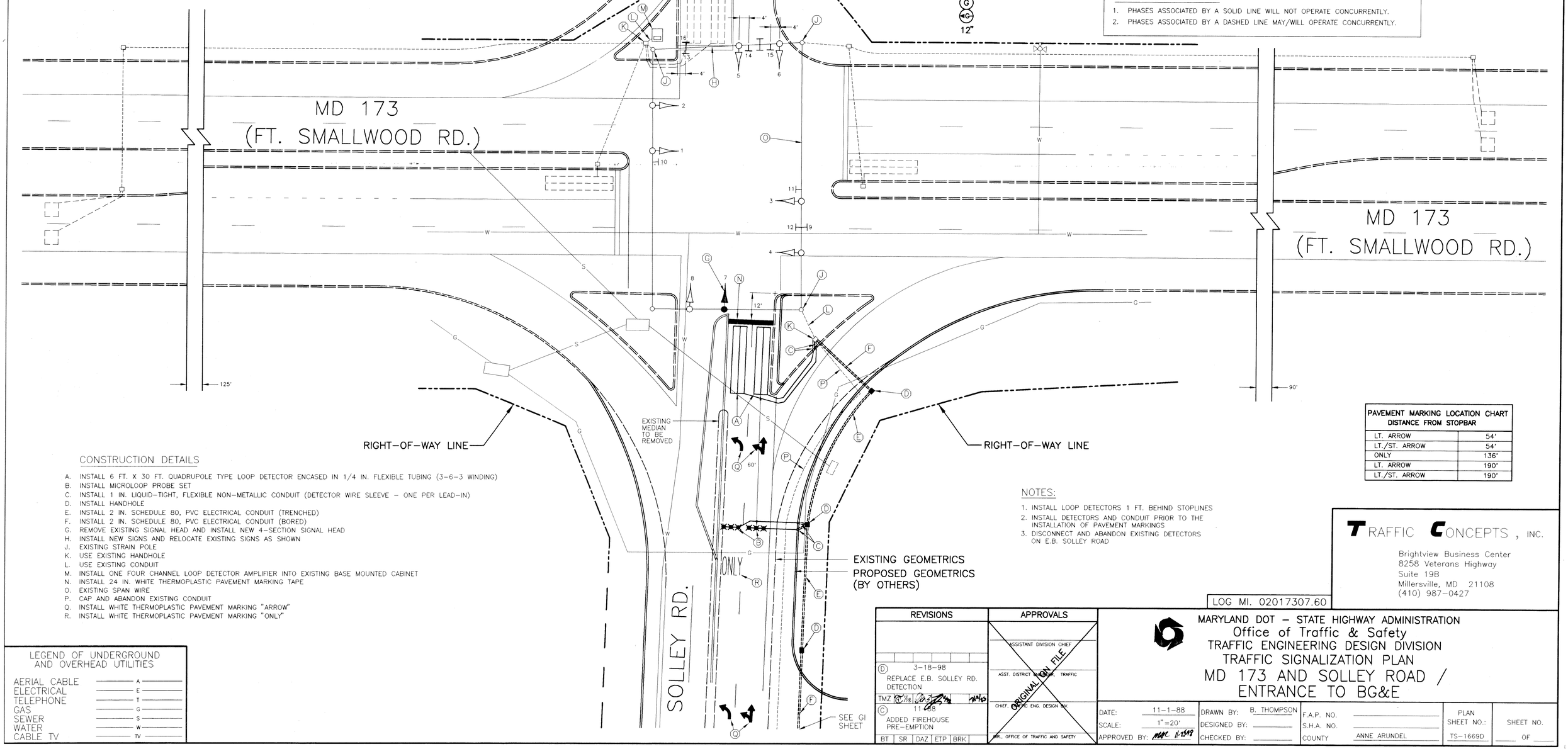


MD 173 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

ENTRANCE TO BG&E

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



PAVEMENT MARKING LOCATION CHART DISTANCE FROM STOPBAR	
LT. ARROW	54'
LT./ST. ARROW	54'
ONLY	136'
LT. ARROW	190'
LT./ST. ARROW	190'

CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
B. INSTALL MICROLOOP PROBE SET
C. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE - ONE PER LEAD-IN)
D. INSTALL HANDHOLE
E. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT (TRENCHED)
F. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT (BORED)
G. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW 4-SECTION SIGNAL HEAD
H. INSTALL NEW SIGNS AND RELOCATE EXISTING SIGNS AS SHOWN
J. EXISTING STRAIN POLE
K. USE EXISTING HANDHOLE
L. USE EXISTING CONDUIT
M. INSTALL ONE FOUR CHANNEL LOOP DETECTOR AMPLIFIER INTO EXISTING BASE MOUNTED CABINET
N. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE
O. EXISTING SPAN WIRE
P. CAP AND ABANDON EXISTING CONDUIT
Q. INSTALL WHITE THERMOPLASTIC PAVEMENT MARKING "ARROW"
R. INSTALL WHITE THERMOPLASTIC PAVEMENT MARKING "ONLY"

NOTES:

1. INSTALL LOOP DETECTORS 1 FT. BEHIND STOPLINES
2. INSTALL DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS
3. DISCONNECT AND ABANDON EXISTING DETECTORS ON E.B. SOLLEY ROAD

TRAFFIC CONCEPTS, INC.
Brightview Business Center
8258 Veterans Highway
Suite 19B
Millersville, MD 21108
(410) 987-0427

LOG MI. 02017307.60

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISIONS	APPROVALS
(D) 3-18-98 REPLACE E.B. SOLLEY RD. DETECTION	ASSISTANT DIVISION CHIEF
TMZ	ASST. DISTRICT ENGR. TRAFFIC
(C) 11-88 ADDED FIREHOUSE PRE-EMPTION	CHIEF, TRAFFIC ENG. DESIGN DIV.
BT SR DAZ ETP BRK	DIR., OFFICE OF TRAFFIC AND SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 173 AND SOLLEY ROAD / ENTRANCE TO BG&E

DATE: 11-1-88	DRAWN BY: B. THOMPSON	F.A.P. NO.		PLAN SHEET NO.: TS-1669D	SHEET NO. ___ OF ___
SCALE: 1"=20'	DESIGNED BY:	S.H.A. NO.			
APPROVED BY:	CHECKED BY:	COUNTY	ANNE ARUNDEL		