DRILL HOLES

DRILL HOLES

DRILL HOLES

Revision Date: June 1, 2004

MD 468 IS ASSUMED TO RUN IN AN EAST–WEST DIRECTION

EXISTING SIGNS

9a,9b — Deale Churchton Rd

11 — Muddy Crk Rd

10 — WEST MARYLAND 468

12 — Shady Side Rd

EXISTING SIGNALS

1,3 — R Y G G 12"

2,4–6 — R Y G 12"

PROPOSED LED SIGNALS

7,8 — R Y G 12"

EXISTING CAMERAS

A–D

NEMA PHASING

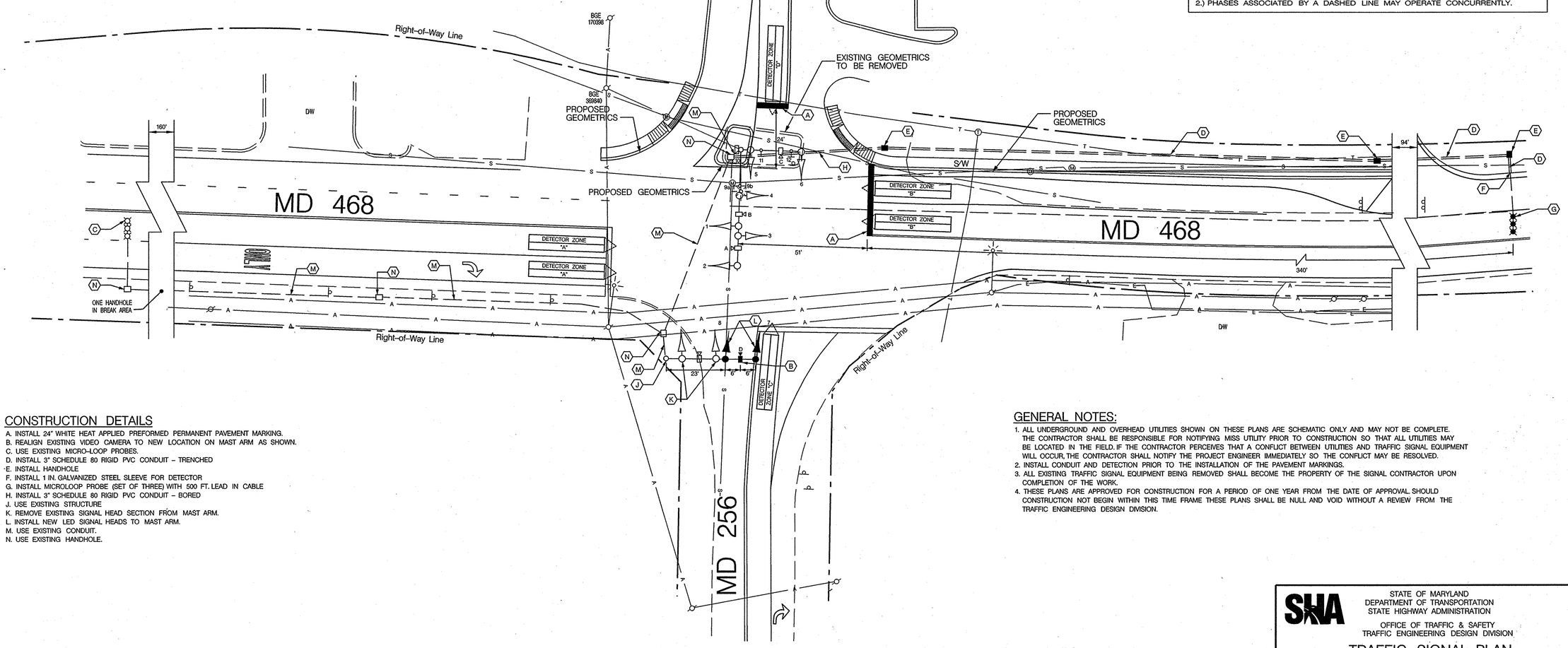
Ø 1 Ø 2 Ø 4 Ø 8

FLASHING OPERATION

PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL 24" WHITE HEAT APPLIED PREFORMED PERMANENT PAVEMENT MARKING.
B. REALIGN EXISTING VIDEO CAMERA TO NEW LOCATION ON MAST ARM AS SHOWN.
C. USE EXISTING MICRO–LOOP PROBES.
D. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT – TRENCHED
E. INSTALL HANDHOLE
F. INSTALL 1 IN. GALVANIZED STEEL SLEEVE FOR DETECTOR
G. INSTALL MICROLOOP PROBE (SET OF THREE) WITH 500 FT. LEAD IN CABLE
H. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT – BORED
J. USE EXISTING STRUCTURE
K. REMOVE EXISTING SIGNAL HEAD SECTION FROM MAST ARM.
L. INSTALL NEW LED SIGNAL HEADS TO MAST ARM.
M. USE EXISTING CONDUIT.
N. USE EXISTING HANDHOLE.

GENERAL NOTES:

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. INSTALL CONDUIT AND DETECTION PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
4. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923–7101
FAX: (410) 923–6473
EMAIL: TRAFFIC@TRAFFIC–CONCEPTS.COM

APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

C	NEW GEOMETRIC ON NORTH APPROACH, PROVIDE STOPLINE AND ALIGN DETECTION ZONE. SHA NO. BW-986M/S2.	9-2-08				
B	RELOCATE SW MAST ARM AND INSTALL VIDEO CAMERA DETECTION SHA NO. OT 2000	8-2-00				
TMZ	DAD	DAD/DAZ		BRK	BRK/TH	

FILE PATH: signalV8_pl.dgn

DATE: Thursday, September 04, 2008

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
MD 468 AND MD 256
(CHURCHTON, MD)

SCALE 1"=20' DATE 9–22–94 CONTRACT NO. 23854T2502877

DESIGNED BY	N/A	COUNTY	ANNE ARUNDEL
DRAWN BY	W.J. NIELS	LOGMILE	02046802.84
CHECKED BY	R.R. ZACHERI	T.I.M.S. NO.	1900
F.A.P. NO.	N/A	TOD NO.	

DRAWING NO. TS–3441C

SHEET NO. 1 OF 3