MD 198 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

23 — EAST / MARYLAND / 198 — ASSOCIATED SHIELD ASSEMBLY (48" X 75")

24 — EAST / MARYLAND / 198 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

25 — WEST / MARYLAND / 198 — ASSOCIATED SHIELD ASSEMBLY (48" X 75")

26 — WEST / MARYLAND / 198 — ASSOCIATED SHIELD ASSEMBLY (30" X 51")

16,19,20,21,27 — ONLY — R3-5(L) (30" X 36")

17,18 — Van Dusen RD — D3-1 DUAL FACE SIGN (VAR. X 16")

22 — R5-6L (30" X 36")

A,B,C,D — EXISTING OPTICOM DETECTOR EYE

EXISTING WIRELESS DETECTOR FOR RED LIGHT CAMERA

PROPOSED EQUIPMENT

a,b,c,d — VIDEO DETECTION CAMERA

a — VIDEO DETECTION ZONE

EXISTING SIGNALS

1,2,5,6,15 — IR, IY, IG — 12"

3,4,7,8,10,12 — R, Y, G — 12"

9,11 — R, Y, G, IG — 12"

13,14 — 12"

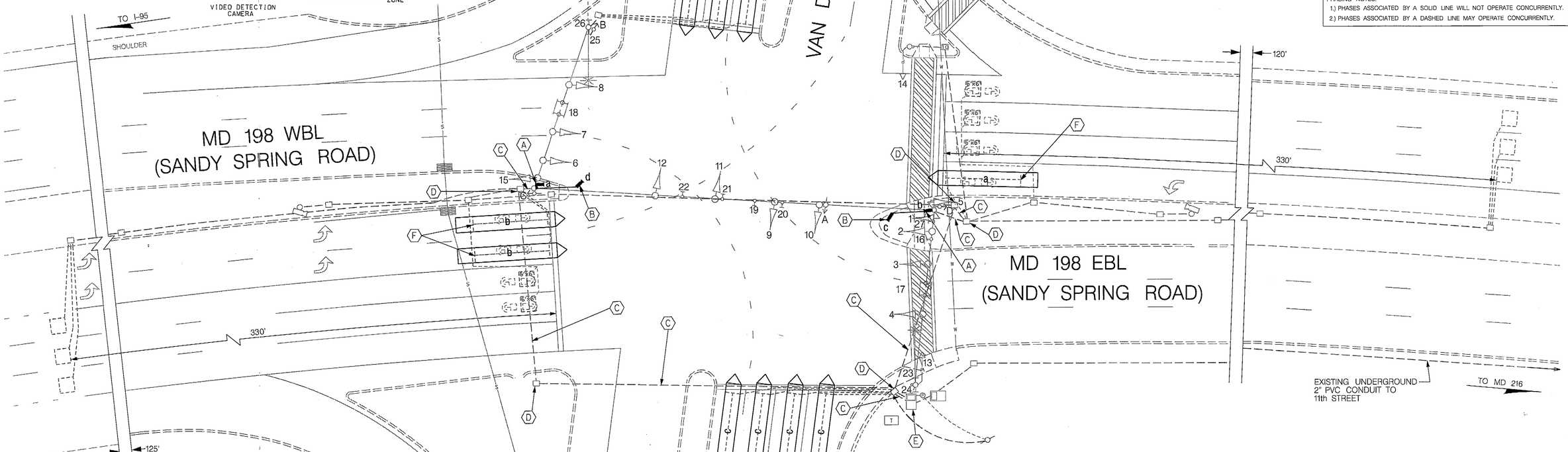
NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, PRE-EMPTION #1, Ø 5, Ø 6, ALT. Ø 3, FLASHING OPERATION, PRE-EMPTION #2, PRE-EMPTION #3, PRE-EMPTION #4

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. GROUNDING OF THE PROPOSED EQUIPMENT MUST BE DONE IN ACCORDANCE WITH SHA REQUIREMENTS.

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 VIDEO DETECTION CAMERA ON EXISTING SIGNAL POLE.

B. INSTALL VIDEO DETECTION CAMERA ON 15' CAMERA ARM ON EXISTING SIGNAL POLE. USE STANDARD MD 818.20.

C. USE EXISTING CONDUIT.

D. USE EXISTING HANDHOLE.

E. USE EXISTING CONTROLLER CABINET.

F. DISCONNECT AND ABANDON EXISTING LOOP DETECTORS.

G. REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUIT.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE UNUSED CABLES FROM EXISTING HANDHOLES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SIGNAL OPERATION DURING THE COMPLETE CONSTRUCTION PERIOD.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
6. ALL MODIFICATIONS TO THE CONTROLLER CABINET WILL BE DONE BY THE SHA SIGNAL OPERATIONS.

TOD NO: XX355-16
SHA NO: PG940K53
MD 198 @ Van Dusen Road

T3 design
T3 DESIGN, P.C.
3927 OLD LEE HWY
SUITE 101-C
FAIRFAX, VA 22030
PHONE: 703-359-5861
www.t3design.us

BY: AMYM

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DIVISION
CHIEF, TRAFFIC ENGINEERING DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
ORIGINAL ON FILE

REVISIONS
1 SHA NO. XX355168 — 11-24-10 — REPLACE SIDE STREET LOOP DETECTORS WITH VIDEO DETECTION EQUIPMENT — AJM
2 — 8-27-09 — MODIFY RED LIGHT CAMERA OPERATION TO INCLUDE LEFT TURNS
3 — 11-27-07 — REINSTALL RED LIGHT CAMERAS — TIMS 1938

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 198 (SANDY SPRING ROAD) AT VAN DUSEN ROAD

TRAFFIC SIGNAL PLAN

LAUREL, MARYLAND

SCALE 1" = 20' | DATE 6-18-71 | CONTRACT NO. P-224X-375

DESIGNED BY | COUNTY PRINCE GEORGE'S
DRAWN BY M. SCHNEIDER | LOGMILE 16019802.19
CHECKED BY | T.I.M.S. NO. K474
F.A.P. NO. | TOD NO.

TS NO. TS-242L | DRAWING NO. | OF | SHEET NO. 1 OF 2

PLOTTED: Wednesday, November 24, 2010 AT 01:42 PM
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