MD 119 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

31
NORTH / MARYLAND 119 / ←
M3-1 30"x 15"
M1-6 48"x 36"
M6-1 30"x 24"
ASSOCIATED SHIELD ASSEMBLY 48" x 75"

30
SOUTH / MARYLAND 119 / →
M3-3 24"x 12"
M1-6 30"x 24"
M6-1 21"x 15"
ASSOCIATED SHIELD ASSEMBLY 30" x 51"

35
SOUTH / MARYLAND 119 / ←
M3-3 30"x 15"
M1-6 48"x 36"
M6-1 30"x 24"
ASSOCIATED SHIELD ASSEMBLY 48" x 75"

34
NORTH / MARYLAND 119 / →
M3-1 24"x 12"
M1-6 30"x 24"
M6-1 21"x 15"
ASSOCIATED SHIELD ASSEMBLY 30" x 51"

27
⇦ Cottage Garden Dr
Queenstown La ⇨
NEXT SIGNAL
D3-3 (MOD) 72" x 36"

22
⇦ Queenstown La
Cottage Garden Dr ⇨
NEXT SIGNAL
D3-3 (MOD) 72" x 36"

19
SIGNAL AHEAD
PREPARE TO STOP WHEN FLASHING
W3-3(2) 120" x 60"

NOTE: THERE IS ONE ADDITIONAL DRIVEWAY TO BORE UNDER WITHIN THIS BREAK

PROPOSED SIGNS

33,36
Great Seneca Hwy
D3-2 DUAL FACED (VARIABLEX18")

24
⇦ Queenstown Rd <13300
Cottage Garden Dr ⇨
D3-2 (VARIABLEX36")

29
⇦ Cottage Garden Dr
Queenstown Rd 13300> ⇨
D3-2 (VARIABLEX36")

23,28,32,37
NO TURN ON RED 6:30-8 AM 2-4 PM MONDAY-FRIDAY
R10-11b (MOD) 24" x 36"

START CROSSING WHEN FOR TURNING CARS
DON'T START IF NEW CROSSING IF STARTED
PEDESTRIANS SHOULD NOT BE IN CROSSWALK
R10-3C 9" x 12"

20,21,25,26
NEW
R Y G
TEMPORARY SIGN W3-3 NEW 48"x 48"

PROPOSED SIGNALS

1,2 Y 12"
3-12 R Y G 12"
13-18 12"

PHASING

Ø2 PED; Ø2; Ø6; Ø6 PED; Ø4; Ø8; NORTH

RIGHT OF WAY LINE
QUEENSTOWN LANE
PEPCO TRANSFORMER
MD 119 (GREAT SENECA HWY)
GRASS MEDIAN
SPEED LIMIT 45 SCHOOL DAYS 35
DO NOT ENTER
BUS STOP 25.5'
STOP SIGN
EXISTING I/C UNDERGROUND NORTH TO MD RICHTER FARM RD
THERE ARE THREE (3) EXISTING HANDHOLES LOCATED WITHIN THIS BREAK
MAC S/W
S/W
D/W
NO PARK
C&P
COTTAGE GARDEN DR
PEPCO TRANSFORMER 721480-2780

CONSTRUCTION DETAILS

A. Install 27' steel pole with a 70' mast arm, traffic signal heads, pedestrian signal head, pedestrian education sign, signs, video detection camera (with 30' of additional cable for future use), 15' lighting arm with a 250W HPS luminaire as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend).

B. Install 27' steel pole with a 70' mast arm, traffic signal heads, signs, pedestrian signal heads, pushbutton with pedestrian education sign and video detector camera (with 30' of additional cable for future use) as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend).

C. Install 27' steel pole with a 38' mast arm, traffic signal heads, sign, video detector camera and pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend).

D. Install 27' steel pole with a 38' mast arm, traffic signal heads, signs, pedestrian signal heads, pushbutton with pedestrian education sign and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend).

E. Install 27' steel pole with a 60' mast arm,(cut to 50' after it is determined that the foundation can be placed as shown) traffic signal heads, and sign. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend).

F. Install NEMA size "6" base-mounted cabinet and controller, control and distribution with all necesary equipment as shown.

G. Proposed video detection area.

H. Install handhole

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

L. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

M. Install 24" white heat applied permanent preformed thermoplastic pavement marking (stopline).

N. Install 12" white heat applied permanent preformed thermoplastic pavement marking (crosswalk).

CONSTRUCTION DETAILS (con't)

O. Existing "STOP" sign to be removed after the signal is turned on and returned to Seneca Club Apartments Office. Call Jennifer Wanlse @ (301) 428-7900.

P. Use existing handhole.

Q. Use existing conduit.

R. Use existing pedestal mounted interconnect splice cabinet. Disconnect existing 50-pair running to the south and pull back to the existing handhole on the southeast quadrant of the intersection and reroute through the proposed conduit to the proposed controller cabinet. Install a new piece of 50-pair interconnect cable from the splice cabinet back to the controller cabinet (see Wiring Diagram).

S. Extend 5" white lane line to proposed stopline.

T. Extend 5" yellow edge line to proposed stopline.

U. Remove portion of existing crosswalk from the point where the proposed crosswalk meets the existing crosswalk to the curb.

V. Remove existing 10' white skip line.

W. Remove portion of macadam sidewalk and replace after the installation of the proposed signal equipment.

X. Remove concrete sidewalk and replace after the installation of the proposed signal equipment.

Y. Install 50' of 5" double yellow centerline.

Z. Install 4" polyvinyl chloride electrical conduit to PEPCO transformer. (for electrical service).

AA. Existing underground interconnect to remain.

BB. Install ground mounted W3-3 sign 625' from the proposed stopline.

CC. Install ground mounted D3-3 (mod) sign 550' from the proposed stopline.

DD. Remove existing ground mounted advance street name sign.

EE. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored.)

FF. Remove existing handhole (cap and abandon existing conduit).

GENERAL NOTES:

1. All underground 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 the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

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.
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Glen Burnie, MD 21061
Ph (410) 590-5590
Fax (410) 590-5637

4135.dgn TASK44

REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION — 2-7-02
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY — 2/8

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 119 (GREAT SENECA HWY) AND QUEENSTOWN LANE / COTTAGE GARDEN DRIVE

DRAWN BY:	W J NIES	F.A.P. NO.		TS NO. 4164	SHEET NO. 1 OF 3
CHECKED BY:	R R ZACHERL	S.H.A. NO.	XX/065285		
SCALE:	1"= 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F-115	
DATE:	2-7-02	LOG MILE:	15011906.11		

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