MD 197 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

28 SOUTH MARYLAND 197 — 48 x 72 Pole Mount

29 NORTH MARYLAND 197 — 30 x 51 Pole Mount

30,31 PUSH BUTTON TO CROSS LAUREL-BOWIE RD — R10-3(1) 9" x 15"

32,33 PUSH BUTTON TO CROSS MUIRKIRK RD — R10-3(1) 9" x 15"

EXISTING SIGNS

34, 35, 36, 37

23 NORTH MARYLAND 197

27 SOUTH MARYLAND 197

21,22 Muirkirk Road

24 ONLY R3-5L

25 R4-7

26,26a ONLY R3-5R

Balt.-Wash. Pkwy. Washington Baltimore NO TRUCKS

UPGRADE EXISTING SIGNALS WITH LED MODULES

4,8,14 — 12"

9,12 — 8"/12"

13 — 12"

PROPOSED LED SIGNALS

1,2,5,6 — 12"

3,7 — 12"

EXISTING SIGNAL HEADS

12"/8" "TO BE REMOVED"

10 — 12"

11 — 12" "TO REMAIN"

15,16,17,18 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

EXISTING VIDEO DETECTION

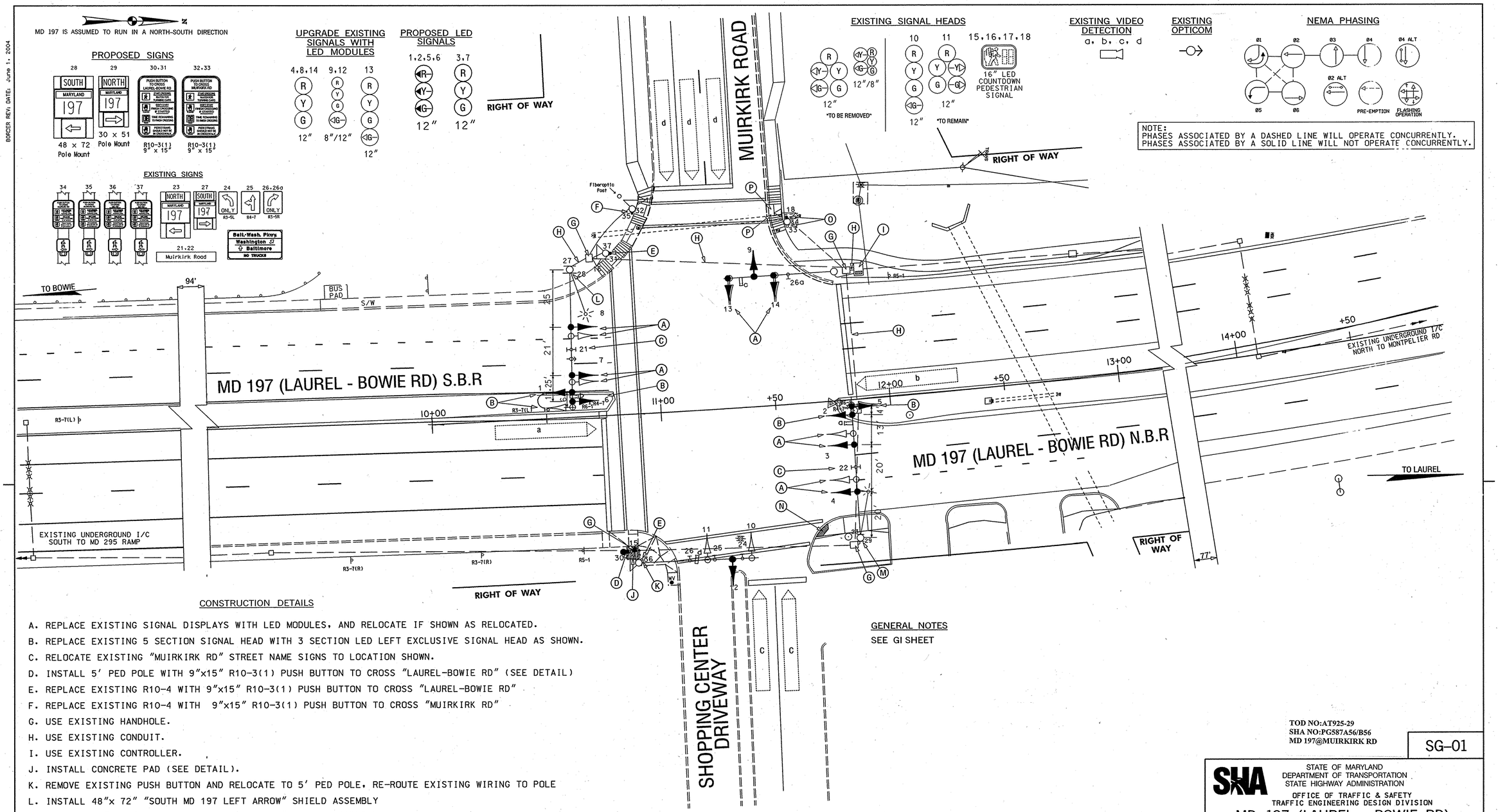
a, b, c, d

EXISTING OPTICOM

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø4 ALT Ø5 Ø6 Ø2 ALT PRE-EMPTION FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. REPLACE EXISTING SIGNAL DISPLAYS WITH LED MODULES, AND RELOCATE IF SHOWN AS RELOCATED.
B. REPLACE EXISTING 5 SECTION SIGNAL HEAD WITH 3 SECTION LED LEFT EXCLUSIVE SIGNAL HEAD AS SHOWN.
C. RELOCATE EXISTING "MUIRKIRK RD" STREET NAME SIGNS TO LOCATION SHOWN.
D. INSTALL 5' PED POLE WITH 9"x15" R10-3(1) PUSH BUTTON TO CROSS "LAUREL-BOWIE RD" (SEE DETAIL)
E. REPLACE EXISTING R10-4 WITH 9"x15" R10-3(1) PUSH BUTTON TO CROSS "LAUREL-BOWIE RD"
F. REPLACE EXISTING R10-4 WITH 9"x15" R10-3(1) PUSH BUTTON TO CROSS "MUIRKIRK RD"
G. USE EXISTING HANDHOLE.
H. USE EXISTING CONDUIT.
I. USE EXISTING CONTROLLER.
J. INSTALL CONCRETE PAD (SEE DETAIL).
K. REMOVE EXISTING PUSH BUTTON AND RELOCATE TO 5' PED POLE, RE-ROUTE EXISTING WIRING TO POLE
L. INSTALL 48"x 72" "SOUTH MD 197 LEFT ARROW" SHIELD ASSEMBLY
M. INSTALL 30"x 51" "NORTH MD 197 LEFT ARROW" SHIELD ASSEMBLY
N. INSTALL DETECTABLE WARNING MAT (MD STD 655.40)
O. RELOCATE EXISTING PUSH BUTTON AS SHOWN, REPLACE EXISTING R10-4 WITH 9"x15" R10-3(1) PUSH BUTTON TO CROSS "MUIRKIRK RD"
P. INSTALL ADA RAMP (SEE DETAIL)

GENERAL NOTES

SEE GI SHEET

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

TOD NO:AT925-29
SHA NO:PG587A56/B56
MD 197@MUIRKIRK RD

SG-01

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

MD 197 (LAUREL – BOWIE RD) AT MUIRKIRK ROAD

LAUREL, MARYLAND

APPROVALS: TEAM LEADER / ASST. DIV. / DIVISION CHIEF / OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS
1 08/25/07 MODIFICATION TO LEFT EXCLUSIVE UPGRADE TO LED. SHA NO. AT9255185
H 09/30/05 MODIFICATION DUE TO GEOMETRIC IMPROVEMENTS. SHA NO. PG4805177
G 10/15/04 RECONSTRUCTION OF TRAFFIC SIGNAL. SHA NO.: AT6045185 (PG657A51/B51)

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 05/03/73 CONTRACT NO. 85525042012

DESIGNED BY
DRAWN BY M. LINARDI
CHECKED BY
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16019712.28
T.I.M.S. NO. 1132
TOD NO.

DRAWING NO. TS-902I — SHEET NO. 1 OF 2

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