MD 202 IS ASSUMED TO RUN IN A NORTH - SOUTH DIRECTION

PROPOSED SIGNALS

1,4 — 12"/8"
2,5 — 12"
3,6-10 — 12"
11,12 — 12"
19,20,24,25 — W3-3 NEW 48"X48"
33,41 — W3-3 NEW 36"X36"

PROPOSED SIGNS

13,15 — LEFT TURN YIELD ON GREEN — R10-12 (36"X42")
14a,16b — Hancock Dr. / Black Swan Dr. — D-3(2) (Var.X32")
14b,16a — Black Swan Dr. / Hancock Dr. — D-3(2) (Var.X32")
17,18 — Largo Rd. — D-3(2) (Var.X16")
22,30,40 — R4-7 (24"X30")
36 — SOUTH MARYLAND 202 — ASSOCIATED SHIELD ASSEMBLY (30"X51")
38 — NORTH MARYLAND 202 — ASSOCIATED SHIELD ASSEMBLY (48"X75")
43 — NORTH MARYLAND 202 — ASSOCIATED SHIELD ASSEMBLY (30"X51")
44 — SOUTH MARYLAND 202 — ASSOCIATED SHIELD ASSEMBLY (48"X75")

EXISTING SIGNS

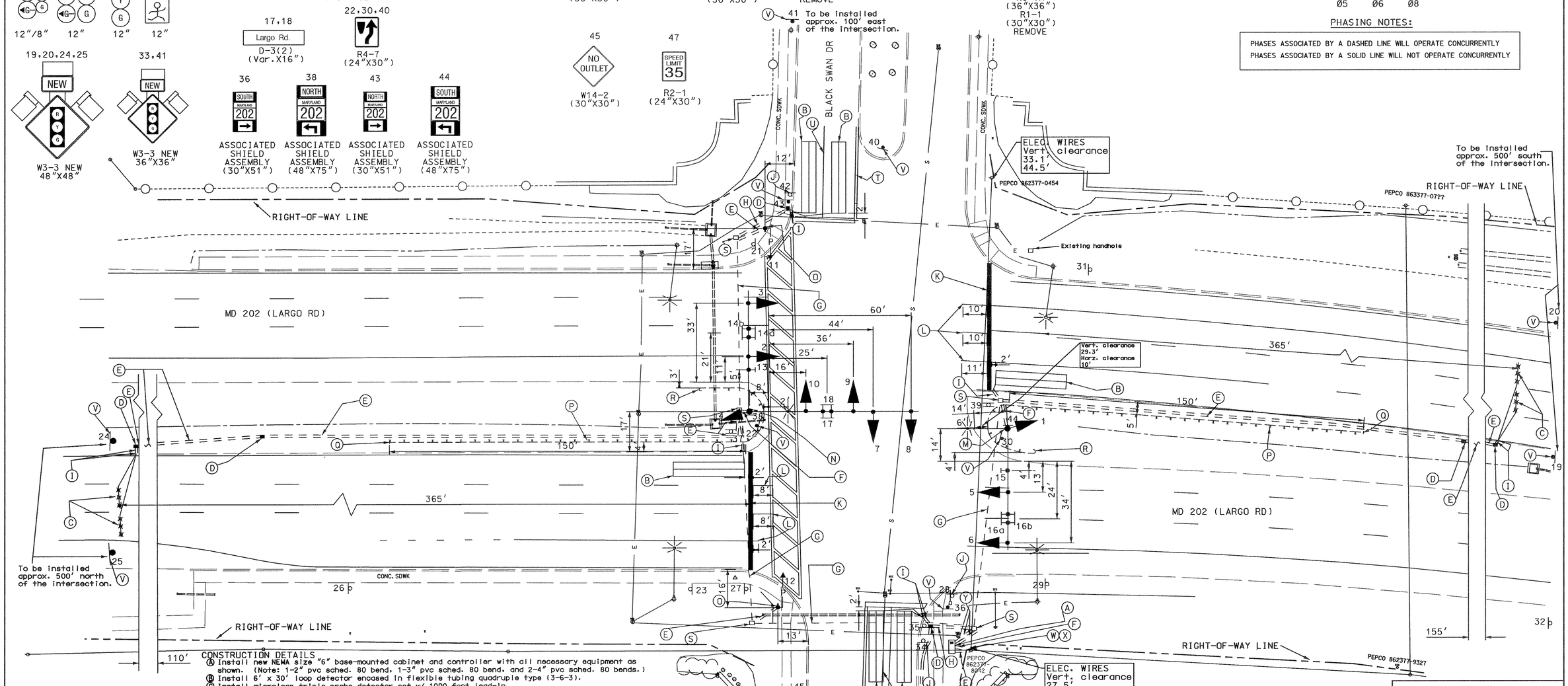
21,27 — W11a-2 (30"X30")
23,31 — DO NOT ENTER — R5-1 (30"X30")
26 — W11-2 (30"X30")
28 — HANCOCK DRIVE / MD 202 /LARGO RD — D-3(3) (Var. X 8") REMOVE
29 — LANE ENDS MERGE LEFT — W9-2L(1) (36"X36")
32 — W4-2 (36"X36")
34,42 — ONE WAY / ONE WAY / STOP — R6-1L (36"X36") R6-1R (36"X36") R1-1 (30"X30") REMOVE
35,46 — R7-4 (12"X18")
37 — ONE WAY / ONE WAY — R6-1L (36"X12") R6-1R (36"X12")
39 — ONE WAY / ONE WAY — R6-1R (36"X12") R6-1L (36"X12")
45 — NO OUTLET — W14-2 (30"X30")
47 — SPEED LIMIT 35 — R2-1 (24"X30")

NEMA PHASING

Ø1 Ø2 Ø4 Ø4ALT
Ø5 Ø6 Ø8
FLASHING OPERATION

PHASING NOTES:

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

(A) Install new NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2" pvc sched. 80 bend, 1-3" pvc sched. 80 bend, and 2-4" pvc sched. 80 bends.)
(B) Install 6' x 30' loop detector encased in flexible tubing quadruple type (3-6-3).
(C) Install microloop triple probe detector set w/ 1000 foot lead-in.
(D) Install handhole.
(E) Install 2" polyvinyl chloride electrical conduit-schedule 80 - trenched.
(F) Install 3" polyvinyl chloride electrical conduit-schedule 80 - trenched.
(G) Use existing conduit.
(H) Install 3" polyvinyl chloride electrical conduit schedule 80 - bored.
(I) Install 1" liquid tight flexible non-metallic conduit for loop detector lead-in.
(J) Remove existing ground mounted sign and support.
(K) Install 24" white heat applied permanent preformed thermoplastic pavement marking.
(L) Remove existing pavement marking.
(M) Install single mast arm pole 27', 50' mast arm, signal heads, 15 ' bracket arm with 250W-HPS luminaire, and signs as shown. (Note: 1-3" pvc sched. 80 bend)
(N) Install twin mast arm pole 27', 50'/70' mast arms, signal heads, 15 ' bracket arm with 250W-HPS luminaire, and signs as shown. (Note: 1-3" pvc sched. 80 bend)
(O) Install pedestal pole,pedestrian signal head and pedestrian push button as shown. (Note: 1-2" pvc sched. 80 bend)
(P) Install traffic barrier W Beam per standard no. MD 660.01.
(Q) Install traffic barrier W Beam Type C end treatment.
(R) Install traffic barrier W Beam trail end anchorage per standard no. MD 660.02.
(S) Use existing handhole.
(T) Install 5" double yellow heat applied permanent preformed thermoplastic pavement marking.
(U) Install 5" single white heat applied permanent preformed thermoplastic pavement marking.
(V) Install ground mounted sign and support.
(W) Install 1-2" pvc schedule 80 bend and 1-3" pvc schedule 80 bend at base of Pepco pole #862377-8042.
(X) Install 1-2" schedule 80 pvc riser and 1-3" schedule 80 pvc riser.
(Y) Install 4" polyvinyl chloride electrical conduit schedule 80 - trenched.
(Z) Install microloop triple probe detector set w/ 500 foot lead-in.

NOTES

1. LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS	APPROVALS
	TEAM LEADER /TRAFFIC ENGINEERING DESIGN DIVISION 10-16-00
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 10/16/00
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 10/16/00
	DIRECTOR, TRAFFIC & SAFETY 10/16

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL PLAN

MD 202 (LARGO RD.) AND BLACK SWAN DR./HANCOCK DR.
OAKGROVE, MARYLAND

DRAWN BY:	J.A	F.A.P. NO.	AC-STPG-000S(683)E	TS NO. 4035	SHEET NO.
CHECKED BY:	T.M.H.	S.H.A. NO.	PG 30B A5B, 1B5B		
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. D942	01 OF 02
DATE:	OCT 5, 2000	LOG MILE:	160202.03.85		

o:*transdwg*97006*41*d942gp01.dgn 10 OCT 2000