US 13 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

15,16 — NEW — R Y G — W3-3 NEW 48"x 48"

See interconnect plan for placement of signs No. 15 & 16.

PROPOSED SIGNS

18,19,26,33 — ONLY — R3-5L 30"x 36"

17,20 — Connelly Mill Rd / Winner Blvd — D3-2(MOD) Variable x 32"

24,27 — Winner Blvd / Connelly Mill Rd — D3-2(MOD) Variable x 32"

23 — R Y G — W3-3 48"x 48" (MAST ARM MOUNTED)

21,22 — NEW — R Y G — W3-3 NEW 48"x 48" (GROUND MOUNTED)

30,35 — OCEAN Hwy — D3-2 Variable x 16"

31 — NORTH 13 — M3-2 24"x 12", M1-4 30"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

32 — SOUTH 13 — M3-4 24"x 12", M1-4 30"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

34 — R3-6L 30" x 36"

EXISTING SIGNS

25 — JCT MARYLAND 675 — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

28 — NORTH 13 — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

29 — SOUTH 13 — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

PROPOSED 12" SIGNALS

1,2,7,8 — R Y G

3,4, 12,14 — R Y G

5,6 — Y

9,10 — R Y G STROBE

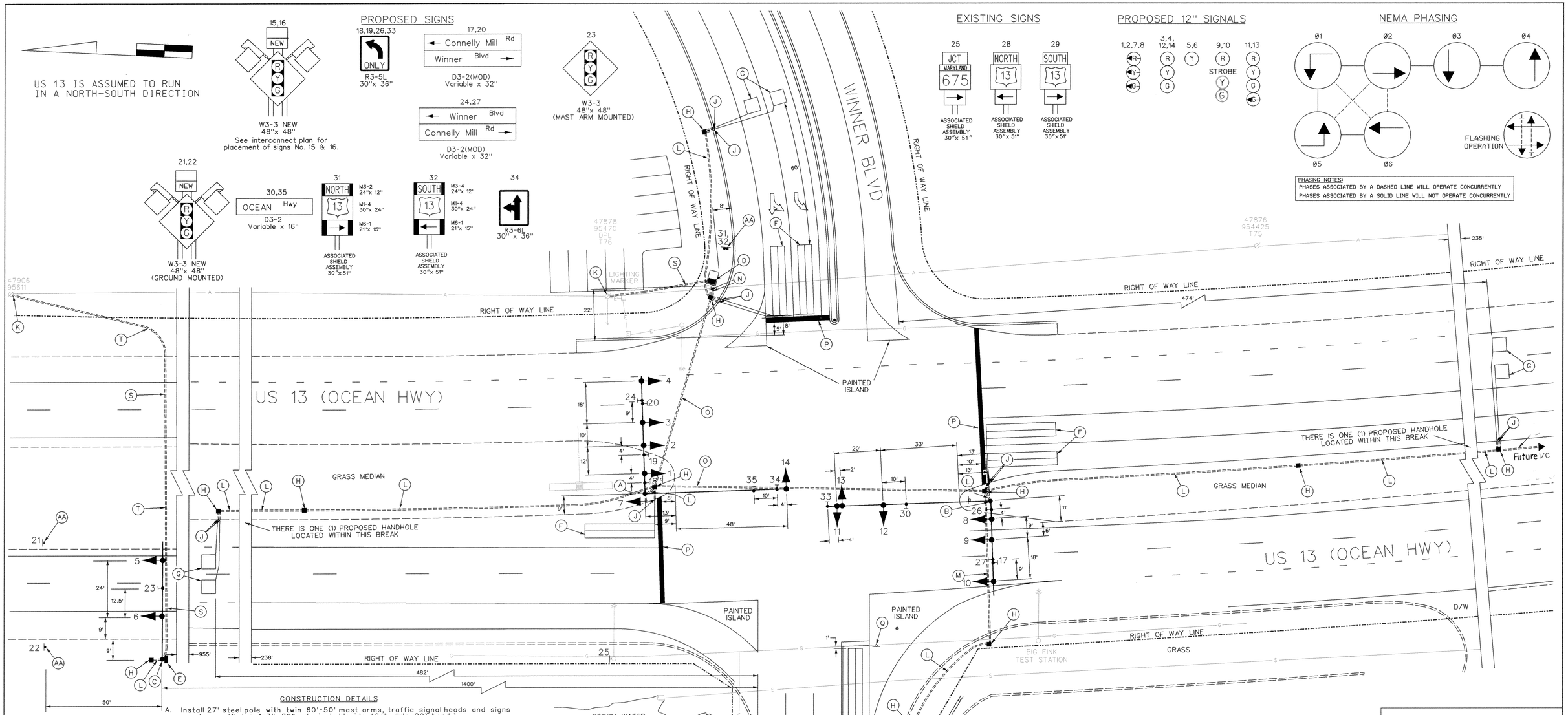
11,13 — R Y G

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6

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 27' steel pole with twin 60'-50' mast arms, traffic signal heads and signs as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with twin 70'-50' (cut to 40') mast arms, traffic signal heads and signs, as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

C. Install 27' steel pole with a 50' mast arm, traffic signal heads and signs as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend and 1-3", 90° polyvinyl chloride (Schedule 80) bend).

D. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend, 1-3", 90° polyvinyl chloride (Schedule 80) bend and 2-4", 90° polyvinyl chloride (Schedule 80) bends.)

E. Install NEMA size "G" pole-mounted flasher cabinet with all necessary equipment as shown.

F. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

G. Install 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

H. Install handhole.

J. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

K. Install 3" polyvinyl chloride electrical conduit bend (Schedule 80) at existing base for electrical service.

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

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

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

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

P. Install 24" white, heat applied permanent preformed thermoplastic pavement marking.

Q. Remove existing ground mounted "STOP" sign.

R. Remove existing "arrow" pavement marking as shown.

S. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored) for electrical service which will be installed by DP&L.

T. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service which will be installed by DP&L.

AA. Install ground mounted signs.

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 —

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	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 7/22/99
	DIRECTOR, TRAFFIC & SAFETY 7/22/99

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 13 (OCEAN HWY) AND CONNELLY MILL RD

DRAWN BY: D.A.NIES
CHECK BY: R.R.ZACHERL
DATE: 7-22-99 7-22-99
SCALE: 1"= 20'
COUNTY: WICOMICO
LOG MILE: 22001313.93
F.A.P. NO. AC-STPG-000S(683)E
S.H.A. NO. W1707A52/B52
TS NO. 3930
T.I.M.S. NO. D-332
SHEET NO. 1 OF 2