EXISTING SIGNS

16.22 — R3-5R (30" X 36")

18 — R3-8(7) (36" X 60")

21 — R3-6L (30" X 36")

23 — R3-8 MOD. (36" X 60")

19.20 — R4-7 (24" X 30")

15.17 — D-3(1) (VARIABLE x 16")

20.24 — R10-4(1) (9" X 112")

U.S. 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS

1.2.5.6 — R, Y, G, 12"

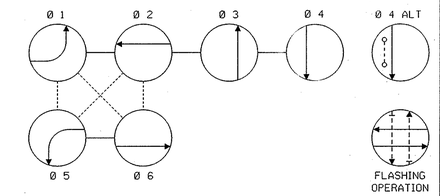
3.4.7.8. 10.12 — R, Y, G, 12"

9.11 — R, Y, G, 12"

PROPOSED SIGNALS

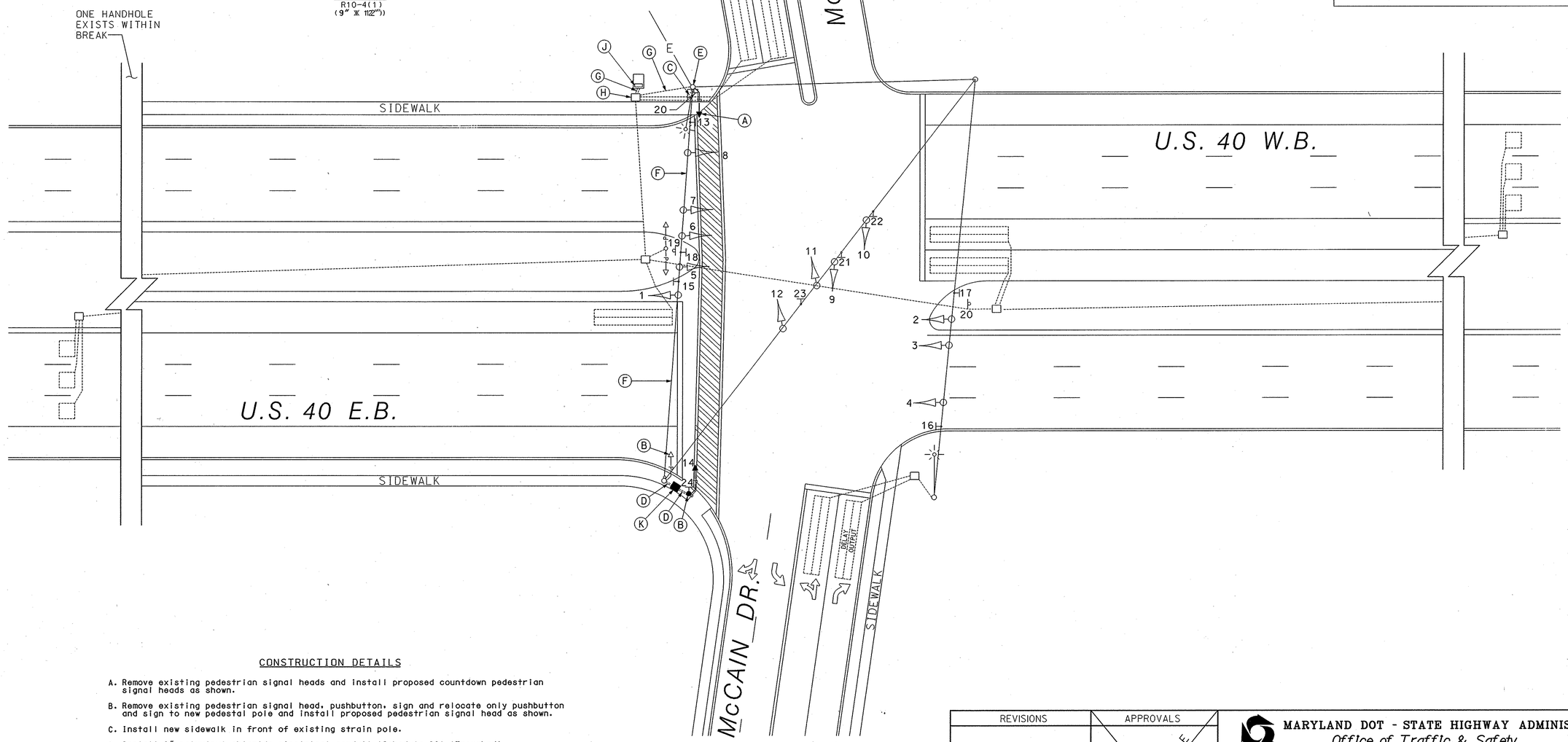
13.14 — 16" PEDESTRIAN COUNTDOWN SIGNAL HEAD "LED" TYPE

NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. Remove existing pedestrian signal heads and install proposed countdown pedestrian signal heads as shown.

B. Remove existing pedestrian signal head, pushbutton, sign and relocate only pushbutton and sign to new pedestal pole and install proposed pedestrian signal head as shown.

C. Install new sidewalk in front of existing strain pole.

D. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (Trenched).

E. Use existing strain pole.

F. Use existing span wire.

G. Use existing conduit.

H. Use existing handhole.

J. Use existing controller and cabinet.

K. Install handhole.

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.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4736c.dgn D6-16

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A 11-12-04 INSTALL COUNTDOWN PED SIGNALS SHA #AT3585185 JWA	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
U.S. 40 AND McCAIN DRIVE

SHA #: FR4464818.88 TOD #: AT858-45

DRAWN BY: S.BLOSS	F.A.P. NO.	TS NO. TS- 1347	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO. FR3315171	T.I.M.S. NO.	3 OF 5
SCALE: NONE	COUNTY: FREDERICK		
DATE:	LOG MILE: 10004012.15		

...\4000's\4736\4736c.dgn Nov. 12, 2004 12:49:03