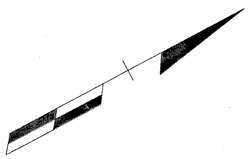
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

EXISTING SIGNS



20,22 — LEFT TURN YIELD ON GREEN — R 10-12 36"X42"

24,29 — ONLY — R3-5(L) 30" x 36"

26 — ONLY — R 3-5(R) 30"X 36"

28 — ONLY — R3-5a 30" x 36"

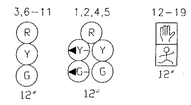
23 — Rd Airpark 7600> — D3-2

25 — Rd Woodfield 19100> — D3-2

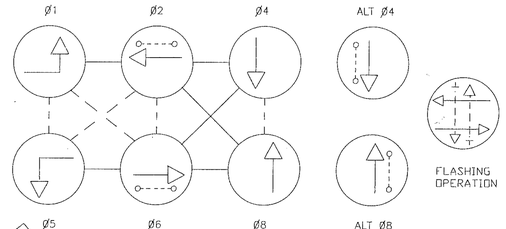
21 — Rd Airpark <7600 — D3-2

27 — Rd Woodfield <19100 — D3-2

EXISTING SIGNALS



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.

EQUIPMENT DETAILS

A. 30' steel strain pole, pedestrian signal heads, pushbutton and sign. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 40) bend.)

B. 30' steel strain pole, pedestrian signal heads, pushbutton and sign. (Note: 2-2", 90 degree polyvinyl chloride (Schedule 40) bends.)

C. 30' steel strain pole, pedestrian signal heads, pushbutton and sign. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend and 1-4", 90 degree polyvinyl chloride (Schedule 40) bend.)

D. NEMA size "6" base-mounted cabinet and controller. (Note: 1-2", 90 degree polyvinyl chloride (Schedule 80) bend and 2-4", 90 degree polyvinyl chloride (Schedule 40) bends.)

E. 3/8" steel span wire with traffic signal heads and signs.

F. Handhole.

G. 6' x 22' loop detector encased in 1/4" flexible tubing quadrupole type (2-4-2).

H. 6' x 6' loop detector encased in 1/4" flexible tubing (3-turns).

J. 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

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

L. 2" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

M. 4" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

N. Overhead electrical service by PEPCO.

O. Overhead interconnect cable.

STATE OF MARYLAND — CARLOS FELIPE STEIN — No. 19561 — REGISTERED PROFESSIONAL ENGINEER

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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Linthicum, Maryland 21090
(410) 859-3553 2900

MCDOT APPROVALS

RECOMMENDED BY _____ CHIEF, TRANS. SYSTEMS MANAGEMENT SECTION

REVIEWED BY _____ ENGINEERING SERVICES SPECIALIST DIVISION OF TRANS. MOBILITY SERVICES

APPROVED BY _____ CHIEF, DIV. OF TRANS. MOBILITY SERVICES

REVISIONS

B 2-23-96 ASBUILT SHA NO. R.R.Z.

A 7-15-87 RELOCATE POLES, HB'S, CONTROLLER & CONDUIT FOR FUTURE GEOMETRIC IMPROVEMENTS. SHA NO.: R.R.Z.

SHA APPROVALS

ORIGINAL ON FILE

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

MDOT — STATE HIGHWAY ADMINISTRATION

Office of Traffic and Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL NUMBER: LOG MILE: 15012408.38

DRAWN BY: K.BROWN (FOR STS)
DES. BY: R.R.ZACHERL (FOR STS)
CHK. BY:

MD 124 AND AIRPARK ROAD

COUNTY MONTGOMERY

DATE: 10-15-86 F.A.P. NO.

SCALE: 1"=20' S.H.A. NO.

TS/STD. NO. 2248 (B)

SHEET NO. ___ OF ___