F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.		2	6

TO MARRIOTTSVILLE ROAD

RIGHT OF WAY LINE

US 40 W.B.

GRASS MEDIAN

CONCRETE DITCH

US 40 E.B.

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

BLK TOP

BLACK TOP

RIGHT OF WAY LINE

CONCRETE MEDIAN REMOVAL AND RESURFACING OF ROADWAY SHALL BE PROVIDED UNDER DISTRICT CONTRACT.

PINE ORCHARD LANE

S/W

RIGHT OF WAY LINE

GRASS MEDIAN

US 40 W.B.

US 40 E.B.

RIGHT OF WAY LINE

FREDERICK ROAD

TO CENTENNIAL LANE

D.O.

12" SIGNALS

1, 3 — R, Y, G

2, 4-9 — R, Y, G

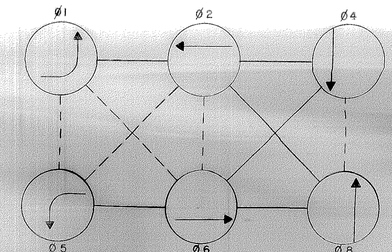
SIGNS

10, 11

YIELD WHEN TURNING ON GREEN

R1-2C
36"x 48"

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.

FLASHING OPERATION

GENERAL NOTES:

1. All pavement markings shown are proposed and to be installed by others.
2. "D.O." initially indicates delay output loop detectors subject to change by the engineer.
3. A separate disconnect switch is required for street lighting and will be installed on strain pole labled "C".
4. It is the responsibility of the contractor to avoid the joints of the roadway when installing the loop detectors.
5. Proposed geometrics are part of District Contract No.: H0662-501-777.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A — A — A
ELECTRIC — E — E — E — E
TELEPHONE — T — T — T — T
GAS — G — G — G — G
SEWER — S — S — S — S
WATER — W — W — W — W
CABLE TV — TV — TV — TV — TV

STREET TRAFFIC STUDIES, LTD.
Suite 295, Commercentre East
1777 Reisterstown Road
Baltimore, MD 21208

APPROVAL: CHIEF SIGNAL DESIGN SECTION — 9/4/86

APPROVAL: ASST DISTRICT ENGINEER TRAFFIC

APPROVAL: CHIEF - BUREAU OF TRAFFIC ENGINEERING — 9-5-86

APPROVAL: DEPUTY CHIEF ENGINEER OFFICE OF TRAFFIC — 9/8/86

REVISIONS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
BUREAU OF TRAFFIC ENGINEERING
OFFICE OF TRAFFIC

US 40 AND FREDERICK ROAD PINE ORCHARD LANE

SCALE 1" = 20' DATE MAY 14, 1986 CONTRACT NO. HO-674-509-785

DRAWN BY: S. THACKER (FOR STS) COUNTY: HOWARD

DESIGNED BY: R. ZACHERL (FOR STS) SIGNAL NO.: 13166

CHECKED BY: 9-9-86

DRAWING NO. TS-2196