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

US 40 IS ASSUMED TO RUN IN AN EAST–WEST DIRECTION

EXISTING SIGNS

11A: Delancy RD ⇦

11B: Delancy RD ⇨

12A: EAST ⇦ 40 WEST ⇨

12B: WEST ⇦ 40 EAST ⇨

10: LEFT TURN YIELD ON GREEN — R10–12 36"X42"

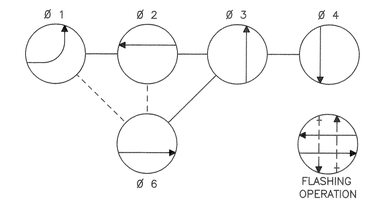
PROPOSED SIGNS

13: ONLY — R3–5R 30"X36"

EXISTING SIGNAL HEADS

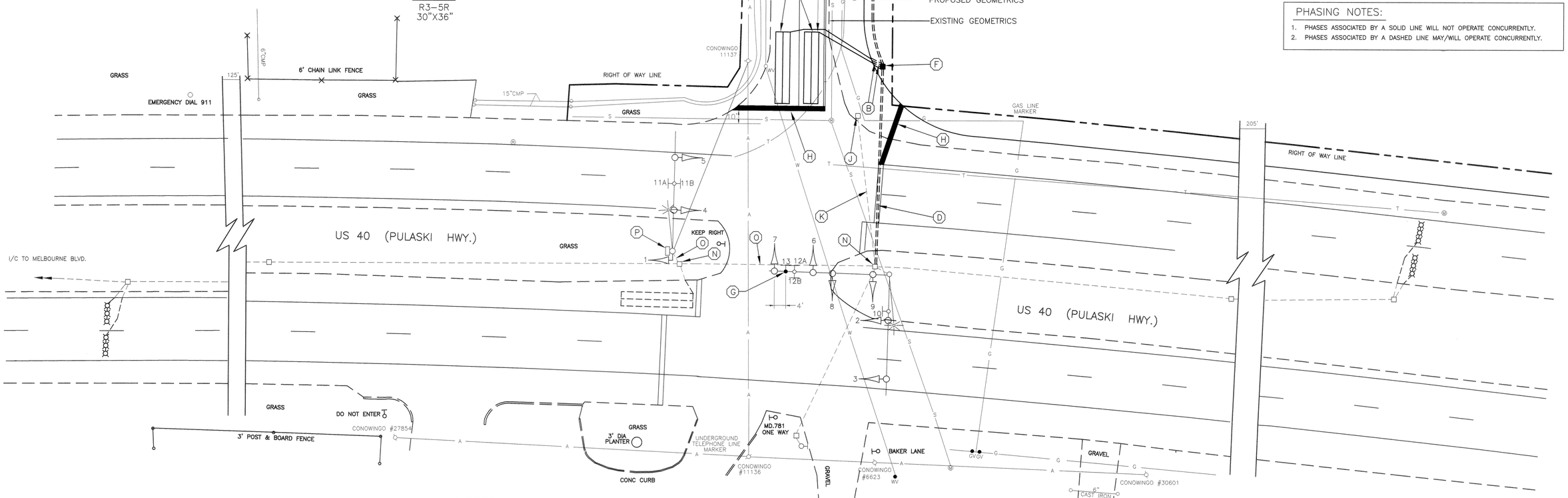
1: 8"/12" · 2: 12" · 3,4,5,7,9: 12" · 6,8: 12"

NEMA PHASING



PHASING NOTES:

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



CONSTRUCTION DETAILS

- A INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3–6–3 WINDING)
- B INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON–METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
- C INSTALL 3 IN. POLYVINYL CHLORIDE CONDUIT (TRENCHED)
- D INSTALL 3 IN. POLYVINYL CHLORIDE CONDUIT (SLOTTED)
- E INSTALL MICRO–LOOP PROBE
- F INSTALL HANDHOLE
- G INSTALL R3–5R SIGN AS SHOWN
- H INSTALL 24 IN. THERMOPLASTIC PAVEMENT MARKING
- J REMOVE EXISTING HANDHOLE
- K CAP AND ABANDON EXISTING CONDUIT
- L INSTALL PREFORMED PAVEMENT MARKING ARROW
- M INSTALL PREFORMED PAVEMENT MARKING ONLY
- N USE EXISTING HANDHOLE
- O USE EXISTING CONDUIT
- P USE EXISTING POLE MOUNTED CABINET

NOTES:

1. INSTALL PRESENCE LOOP DETECTORS 1 FT. BEHIND STOPLINE
2. INSTALL DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT
4. EXISTING DETECTORS ON MD 781 SHALL BE DISCONNECTED AND ABANDONED

PAVEMENT MARKING LOCATION TABLE

PAVEMENT MARKING	DISTANCE FROM STOPBAR
INSTALL RIGHT ARROW – RIGHT LANE	50'
INSTALL ONLY – RIGHT LANE	90'
INSTALL RIGHT ARROW – RIGHT LANE	130'

LOG MI. 07004017.05

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
Brightview Business Center
8258 Veterans Highway
Suite 19A
Millersville, MD 21108
(410) 987–0427

REVISIONS	APPROVALS
A 5–19–99 REPLACE DETECTION DUE TO WIDENING ON THE NORTH LEG OF THE INTERSECTION SHA NO. SW 99M82 TMZ	ASSISTANT DIVISION CHIEF — ORIGINAL ON FILE; ASST. DISTRICT ENGINEER, TRAFFIC; CHIEF, TRAFFIC ENGINEERING DESIGN DIV.; DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

MARYLAND DOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
US 40 AND MD 781 (DELANCY RD.)

DATE: 7–1–96	DRAWN BY: K. WINKLER	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE: 1"=30'	DESIGNED BY: D. DODA	S.H.A. NO.		TS–3595A	___ OF ___
APPROVED BY:	CHECKED BY: D. ZAFIRIS	COUNTY	CECIL		