EXISTING SIGNALS TO REMAIN

12" R Y G — 4,7-12

12" — 13-22

EXISTING SIGNALS TO BE REMOVED

12" R Y G ◁Y ◁G — 36.37

PROPOSED SIGNALS

12" ◁R ◁Y ◁G — 1,2, 5,6

12" R Y G — 3

EXISTING SIGNS TO REMAIN

25

Bethesda Av ← 4700 Blk. / Willow Ln → 4600 Blk. — 26

28

Bethesda Av → 4700 Blk. — 29

Bethesda West P → — 30

Wisconsin Av ← 7200 Blk. 7100 Blk. → — 31

ONLY / Georgetown Branch Trail ← — 32

Wisconsin Av ← 7100 Blk. 7200 Blk. → — 33

Georgetown Branch Trail → — 34

EXISTING SIGNS TO BE RELOCATED

Bethesda West ← P — 23

Willow Ln ← 4600 Blk. — 27

PROPOSED SIGNS

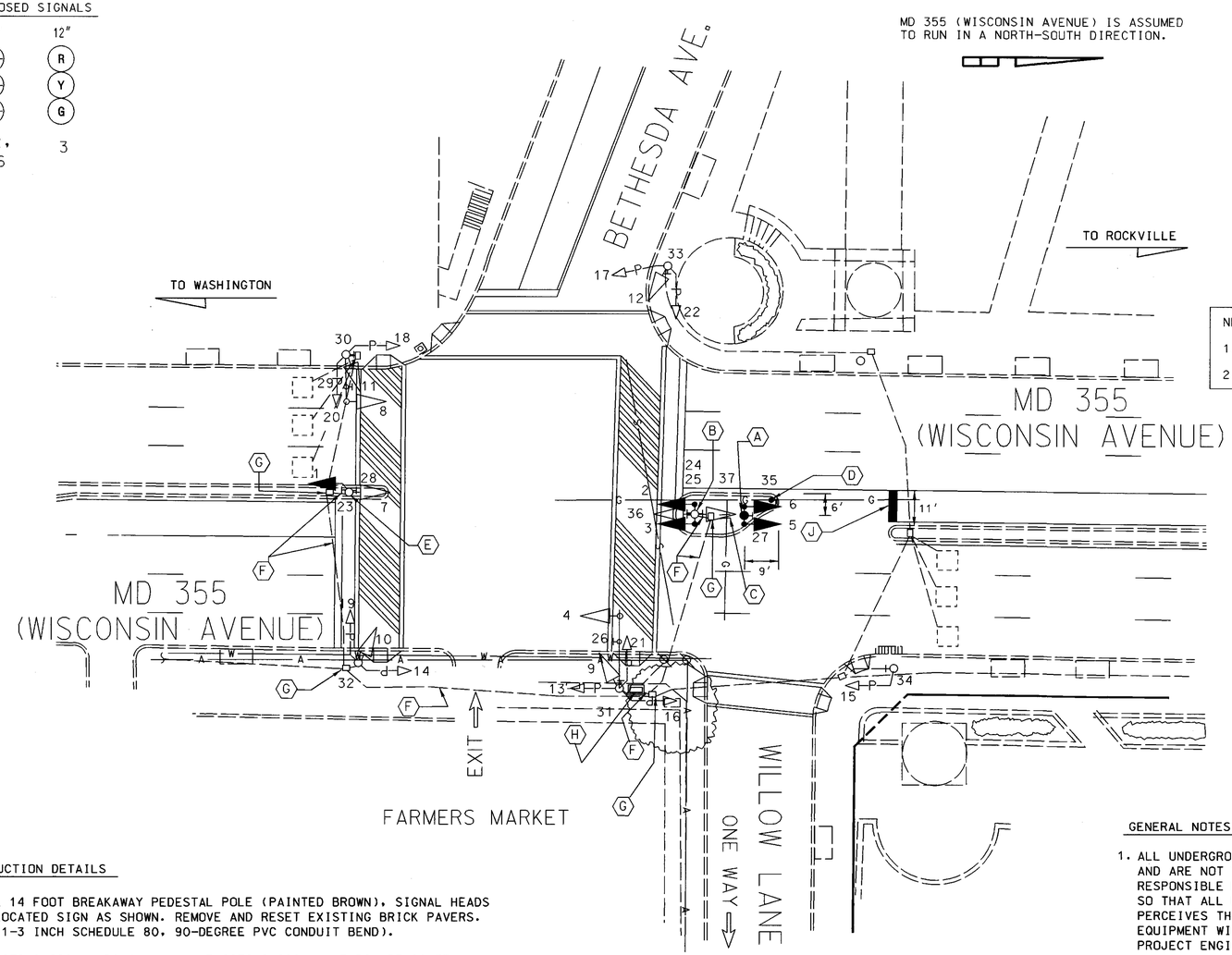
R10-12(4) 36"x42"

LEFT TURN YIELD ON FLASHING RED ARROW AFTER STOP

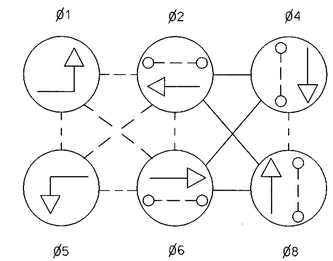
24

OM-1(1) 18"x18"

35



NEMA PHASING



FLASHING OPERATION

NEMA 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 14 FOOT BREAKAWAY PEDESTAL POLE (PAINTED BROWN), SIGNAL HEADS AND RELOCATED SIGN AS SHOWN. REMOVE AND RESET EXISTING BRICK PAVERS. (NOTE: 1-3 INCH SCHEDULE 80, 90-DEGREE PVC CONDUIT BEND).

(B) USE EXISTING SIGNAL POLE. REMOVE EXISTING SIGNAL HEADS. RELOCATE EXISTING SIGNS AS SHOWN. INSTALL PROPOSED SIGNAL HEADS AND SIGN.

(C) INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. REMOVE AND REPLACE EXISTING BRICK PAVERS IN MEDIAN.

(D) INSTALL PROPOSED GROUND MOUNTED SIGN ON 4 INCH X 4 INCH WOOD POST.

(E) USE EXISTING POLE. INSTALL PROPOSED SIGNAL HEAD AND RELOCATED SIGN.

(F) USE EXISTING CONDUIT.

(G) USE EXISTING HANDHOLE.

(H) USE EXISTING CONTROLLER.

(J) INSTALL 24 INCH WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED TO BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
2. CONTACT MONTGOMERY COUNTY TMC AT (240) 777-2100 TO MARK EXISTING UNDERGROUND TRAFFIC SIGNAL EQUIPMENT AT LEAST 48-HOURS PRIOR TO EXCAVATING.
3. EXISTING WIRING NOT UTILIZED SHALL BE REMOVED.
4. ALL PROPOSED PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH MSHA PRACTICES AND THE LATEST REVISION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
5. REMOVE AND STORE EXISTING BRICK PAVERS FOR SIGNAL WORK PERFORMED IN BRICK MEDIAN. INSTALL PROPOSED SIGNAL PEDESTAL POLE AND CONDUIT, THEN RESET BRICK PAVERS.

UTILITY LEGEND

G G	GAS MAIN
W W	WATER MAIN
S S	SEWER MAIN
E E	ELECTRIC CABLES
A A	AERIAL CABLES
T T	TELEPHONE CABLES

REVISION "B"

KCI TECHNOLOGIES

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

10 NORTH PARK DRIVE
HUNT VALLEY, MD 21030
PHONE: (410) 316-7800
FAX: (410) 316-7817
www.kci.com

REVISIONS

(B) LEFT TURN SIGNAL MODIFICATION FOR N/B & S/B LEFT TURNS XX1065285 06/01/03 MP

(A) MEDIAN IMPROVEMENT 12/08/88 TEL

APPROVALS

ORIGINAL

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ON

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

FILE

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

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

MD 355 (WISCONSIN AVENUE) AT
BETHESDA AVENUE/WILLOW LANE
TRAFFIC SIGNAL PLAN
BETHESDA, MARYLAND

DRAWN BY:	TEL	F.A.P. NO.	N/A	TS NO. 4228B	SHEET NO.
CHECKED BY:		S.H.A. NO.	N/A		
SCALE:	1"=20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F06C	1 OF 2
DATE:	12/8/88	LOG MILE:	15035501.45		

PLOTTED: 10:17 PM on Monday, May 05, 2003
BY: McSeroy, Pierre Division: Transportation
FILE: m:\997\097023.bi\drawings\pd1f060.dgn