MD 355 is considered to run in a North/South direction.

## EXISTING SIGNS

17,18,21,25 23,24




R 3-5(L) 30" x 36"  R 3-5(R) 30" x 36"

19b




19a




D-3(1) 16" x Var. (Dual Faced)

16b




16a




D-3(1) 16" x Var. (Dual Faced)

20,22




D-3(1) 16" x Var. (Dual Faced)

26




28




Shield Assem. 30" x 51"

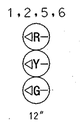
27




Shield Assem. 48" x 75"

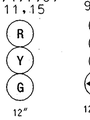
## EXISTING SIGNALS

1,2,5,6



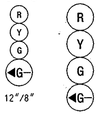

12"

3,4,7,8, 11,15



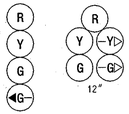

12"

9,13



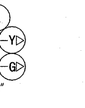

12"/8"

10,14




12"

12




12"

#11 TO BE REMOVED

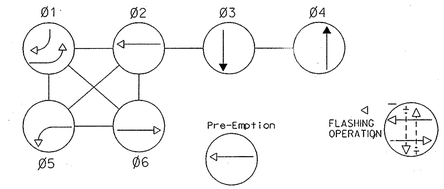
## PROPOSED SIGNAL

11




12"

## EXISTING NEMA PHASING



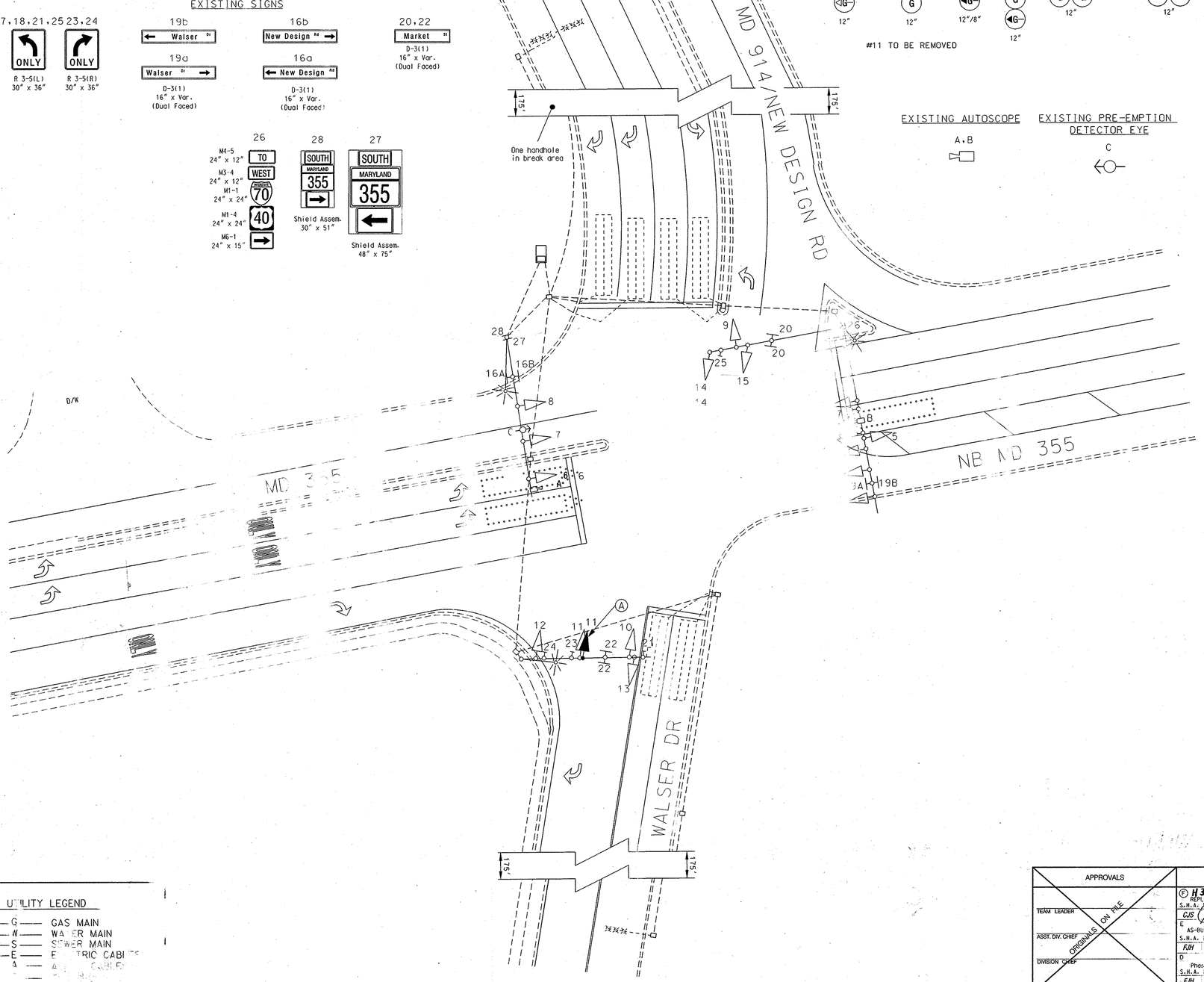

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

## EXISTING AUTOSCOPE

A,B

## EXISTING PRE-EMPTION DETECTOR EYE

C



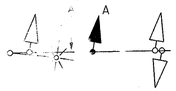

## CONSTRUCTION DETAILS

A. REMOVE EXISTING 3-SECTION RYG BALL NAD INSTALL PROPOSED 5-SECTION SIGNAL AS SHOWN. SIGNAL HEAD TO USE INCANDESCENT BULBS

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINSTR ION

| ITEM # | QUANTITY | ITEM DESCRIPTION |
|---|---|---|
| 9007 | 5 EA | 12" 1 WAY, 1 SECTION S HEAD (POLY)-BLAC ACED INCANDESCENT BULBS TO BE |
| 9074 | 1 EA | SIGNAL HARDWARE, MAST ARM MOUNT-5 SECTION |
| 9000 | 25 LF | ELCTRICAL CABLE- 7 CONDUC #14 AWG |

## WIRING DIAGRAM




7-CONDUCTOR AWG JUMPER FROM EXISTIN H

## UTILITY LEGEND

| | |
|---|---|
| G | GAS MAIN |
| W | WA ER MAIN |
| S | SEWER MAIN |
| E | E TRIC CABL |
| A | A |

| APPROVALS | REVISIONS |
|---|---|
| TEAM LEADER | (F) H 398 DECEMBER, 2005 REPLACE EB RT TURN HEAD-SHOP FORCES S.H.A. No. SF-SIGNALS GJS |
| ASST. DIV. CHIEF | (E) AS-BUILT NOVEMBER 11, 2004 S.H.A. No.:BW996MB2 FJH |
| DIVISION CHIEF | (D) Phasing Change to split side st. S.H.A. No.:BW996MB2 FJH |
| OFFICE DIRECTOR | |

ORIGINALS ON FILE

PLOTTED: $DATETIME$
FILE: $FILES

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

# MD 355 at MD 914/ Walser Drive

| | | | |
|---|---|---|---|
| SCALE 1" = 20' | DATE August 12, 1999 | CONTRACT NO | |
| DESIGN | S. Bloss | COUNTY FREDERICK | |
| DRAWN BY | S. Bloss | LOGMILE 10035510.11 | |
| CHECKED BY | N. Leary | TIMS NO G-026 | |
| FAP NO | | TOD NO | |
| TS NO. 39290F | DRAWING – | OF | SHEET NO OF |

$USERNAME$