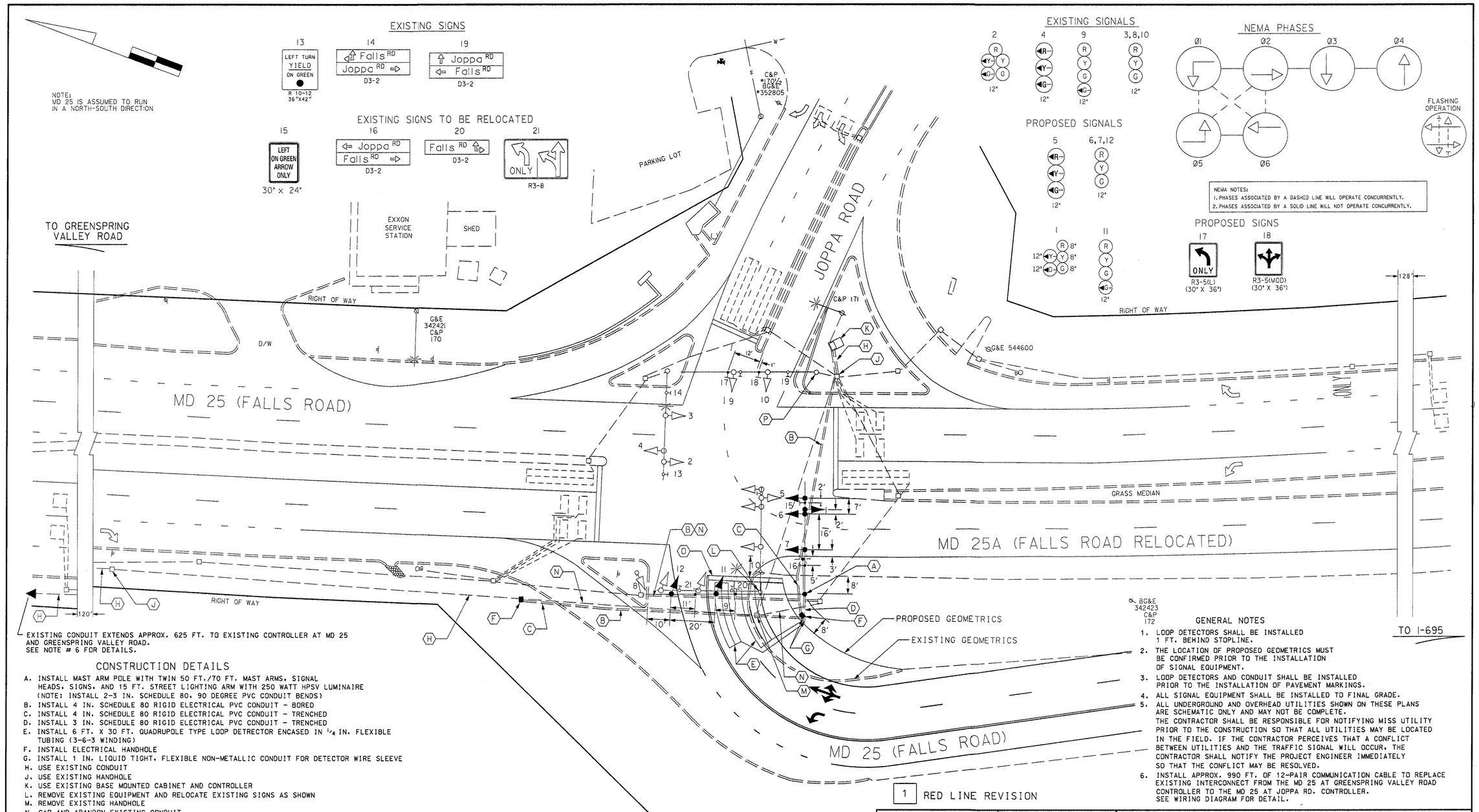


EXISTING CONDUIT EXTENDS APPROX. 625 FT. TO EXISTING CONTROLLER AT MD 25 AND GREENSPRING VALLEY ROAD.
SEE NOTE # 6 FOR DETAILS.

## CONSTRUCTION DETAILS

A. INSTALL MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
B. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
C. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
D. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
E. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETRECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
F. INSTALL ELECTRICAL HANDHOLE
G. INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
H. USE EXISTING CONDUIT
J. USE EXISTING HANDHOLE
K. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
L. REMOVE EXISTING EQUIPMENT AND RELOCATE EXISTING SIGNS AS SHOWN
M. REMOVE EXISTING HANDHOLE
N. CAP AND ABANDON EXISTING CONDUIT
O. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
P. REMOVE EXISTING SIGNS AND INSTALL NEW SIGNS AS SHOWN

## GENERAL NOTES

1. LOOP DETECTORS SHALL BE INSTALLED 1 FT. BEHIND STOPLINE.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
6. INSTALL APPROX. 990 FT. OF 12-PAIR COMMUNICATION CABLE TO REPLACE EXISTING INTERCONNECT FROM THE MD 25 AT GREENSPRING VALLEY ROAD CONTROLLER TO THE MD 25 AT JOPPA RD. CONTROLLER. SEE WIRING DIAGRAM FOR DETAIL.

1 RED LINE REVISION

## 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.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101


| REVISIONS | | | | |
|---|---|---|---|---|
| F | 8-23-02 MODIFICATION DUE TO WIDENING | | | |
| MLH | TZ | | | |
| E | CONVERT SB E/P LT TO EXCLUSIVE LEFT TURN PHASE. | | | 6/2001 |
| D | ASBUILT FOR RED LIGHT CAMERA INSTALLATION. | | | 11-24-99 |
| SHA NO.: | | | | |
| RRZ | | | | |
| A | 4-4-85 - ASBUILT, REDRAWN, AND INSTALL NEW DETECTORS FOR WIDENED JOPPA RD. | | | |
| SHA NO.: | | | | |
| DMM | DD | DAZ | ETP | TH |

APPROVALS

ORIGINAL

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ON

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

FILE

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
MD 25 AND JOPPA ROAD / FALLS ROAD

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: | Barry King | F.A.P. NO. | | TS NO. 271 E | SHEET NO. 1 OF 2 |
| CHECKED BY: | | S.H.A. NO. | B-433-501-485 | | |
| SCALE: | 1" = 20' | COUNTY: | BALTIMORE | T.I.M.S. NO. E-666 | |
| DATE: | 05-05-77 | LOG MILE: | 03002503.61 | | |

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