MD 70 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

## PROPOSED SIGNS

56

MESSAGE 1 - R3-6

MESSAGE 2 - R3-5(1)

36" FIBEROPTIC

## EXISTING SIGNALS

27,29 — 12"

28 — 12"

30 — 12"

31 — 8"/12"

32,33 — 8"

34 — 8"/12"

35-38 — 12"

39-42 — 12"

## EXISTING SIGNS

52,54 — YIELD WHEN TURNING ON GREEN

53 — Calvert Street, DUAL FACED D-3(2) (VARIABLE x 12")

55 — R3-5L (30" x 36")

57,59 — R3-6 (30" x 36")

58 — R10-5 MOD (24" x 18")

60 — R3-5R (30" x 36")

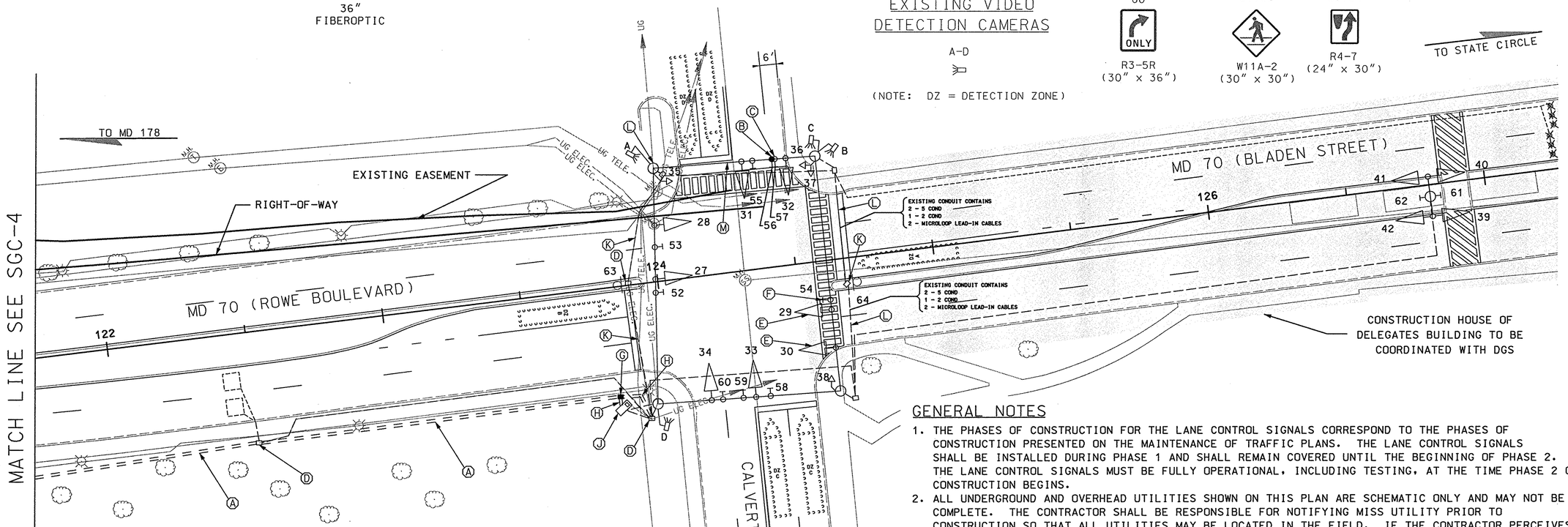
61,62 — W11A-2 (30" x 30")

63,64 — R4-7 (24" x 30")

## EXISTING VIDEO DETECTION CAMERAS

A-D

(NOTE: DZ = DETECTION ZONE)




## CONSTRUCTION DETAILS

A. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
B. INSTALL FIBEROPTIC BLANKOUT SIGN.
C. REMOVE EXISTING SIGN FROM SPAN WIRE.
D. USE EXISTING HANDHOLE.
E. REMOVE TRAFFIC SIGNAL HEAD (TO BE REINSTALLED PRIOR TO REOPENING BLADEN STREET).
F. REMOVE OVERHEAD SIGN (TO BE REINSTALLED PRIOR TO REOPENING BLADEN STREET).
G. INSTALL HANDHOLE.
H. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
J. INSTALL 4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND INTO EXISTING SIGNAL CABINET.
K. USE EXISTING CONDUIT.
L. USE EXISTING SIGNAL POLE.
M. USE EXISTING SPAN WIRE.

ITEMS 'N' AND 'P' TO BE PERFORMED BY THE DEPARTMENT OF GENERAL SERVICES (DGS) PRIOR TO CONSTRUCTION ON HOUSE OF DELEGATES BUILDING BEGINS.

N. REROUTE ALL CABLES IMPACTED BY REMOVED HANDHOLE.
P. CAP AND ABANDON EXISTING CONDUIT.

## GENERAL NOTES

1. THE PHASES OF CONSTRUCTION FOR THE LANE CONTROL SIGNALS CORRESPOND TO THE PHASES OF CONSTRUCTION PRESENTED ON THE MAINTENANCE OF TRAFFIC PLANS. THE LANE CONTROL SIGNALS SHALL BE INSTALLED DURING PHASE 1 AND SHALL REMAIN COVERED UNTIL THE BEGINNING OF PHASE 2. THE LANE CONTROL SIGNALS MUST BE FULLY OPERATIONAL, INCLUDING TESTING, AT THE TIME PHASE 2 OF CONSTRUCTION BEGINS.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY 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 WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. THE INTERCONNECT CABLES FROM PHASE 2 SHALL REMAIN OPERATIONAL UNTIL ALL NECESSARY CABLES ARE INSTALLED AND FULLY OPERATIONAL IN PHASE 3. ANY ITEMS THAT ARE MARKED FOR REMOVAL IN PHASE 3 SHALL BE REMOVED ONLY AFTER ALL NEW CABLES ARE INSTALLED AND TESTING IS COMPLETE.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH MR. CHRIS JEDNORSKI AT SHA (410-787-4057) FOR THE TRAFFIC SIGNAL POWER FEED.
5. ALL EXISTING UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
6. EXISTING TRAFFIC SIGNAL HEADS '29' AND '30' AND EXISTING SIGN '54' SHALL BE REMOVED THROUGH ALL PHASES OF CONSTRUCTION ASSUMING BLADEN STREET IS CLOSED. THE TRAFFIC SIGNAL HEADS AND SIGNS SHALL BE REINSTALLED AND THE TRAFFIC SIGNAL HEADS OPERATIONAL PRIOR TO REOPENING BLADEN STREET TO TRAFFIC. THE CONTRACTOR SHALL CONTACT MR. ED RODENHIZER AT 410-787-7650 PRIOR TO REMOVING AND REINSTALLING THE TRAFFIC SIGNAL HEADS AND SIGNS.
7. FOR PHASES 3, 4 & 5, SIGNAL HEADS MUST BE RELOCATED IMMEDIATELY BEFORE THE CHANGE OF CONSTRUCTION PHASE.
8. REFER TO THE MAINTENANCE OF TRAFFIC PLANS FOR THE EXACT LOCATION OF THE TEMPORARY SIDEWALK AT STA. 119+65.

PHASE 1

SGC-5 OF SGC-43

## UTILITY LEGEND

| | | |
|---|---|---|
| GAS | GAS | GAS MAIN |
| WATER | WATER | WATER MAIN |
| SAN | SAN | SEWER MAIN |
| UG ELEC. | UG ELEC. | ELECTRIC CABLES |
| UG TELE. | UG TELE. | TELEPHONE CABLES |
| A | A | AERIAL CABLES |

## GENERAL NOTES

1. EXISTING SIGNAL EQUIPMENT AND WIRING SHALL BE MAINTAINED UNLESS OTHERWISE NOTED ON THIS PLAN.
2. EXISTING SIGNAL PHASING AND TIMINGS SHALL BE MAINTAINED, UNLESS DIRECTED BY THE ENGINEER.


RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TELE:(410)728-2900 FAX:(410)728-3160


REVISIONS

D 10-03, REMOVE EXISTING SIGNAL HEADS AND SIGNS/INSTALL FIBEROPTIC SIGN. SHA NO. AA6165171 — ADL

C 9-28-99, INSTALL ADVANCED H.I.B., WIRED TO EXISTING CABINET. SHA NO. OT-1999-1 — EMM | MAR | DZ | BRK | TH

B 11-22-76, ASBUILT SHA NO. BW-210-601-512 — D.D. | A.B.

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
MD 70 (ROWE BLVD. / BLADEN ST.) AND CALVERT ST.
ANNAPOLIS, MARYLAND
SIGNAL PLAN

| | | | |
|---|---|---|---|
| DRAWN BY: D. DODA | F.A.P. NO. SEE TITLE SHEET | TS NO. 900X2D | SHEET NO. |
| CHECKED BY: A.B. | S.H.A. NO. AA683A52/B52 | | |
| SCALE: 1"=20' | COUNTY: ANNE ARUNDEL | T.I.M.S. NO. F 560 | 342 OF 397 |
| DATE: 9-9-76 | LOG MILE: 02007000.15 | | |

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