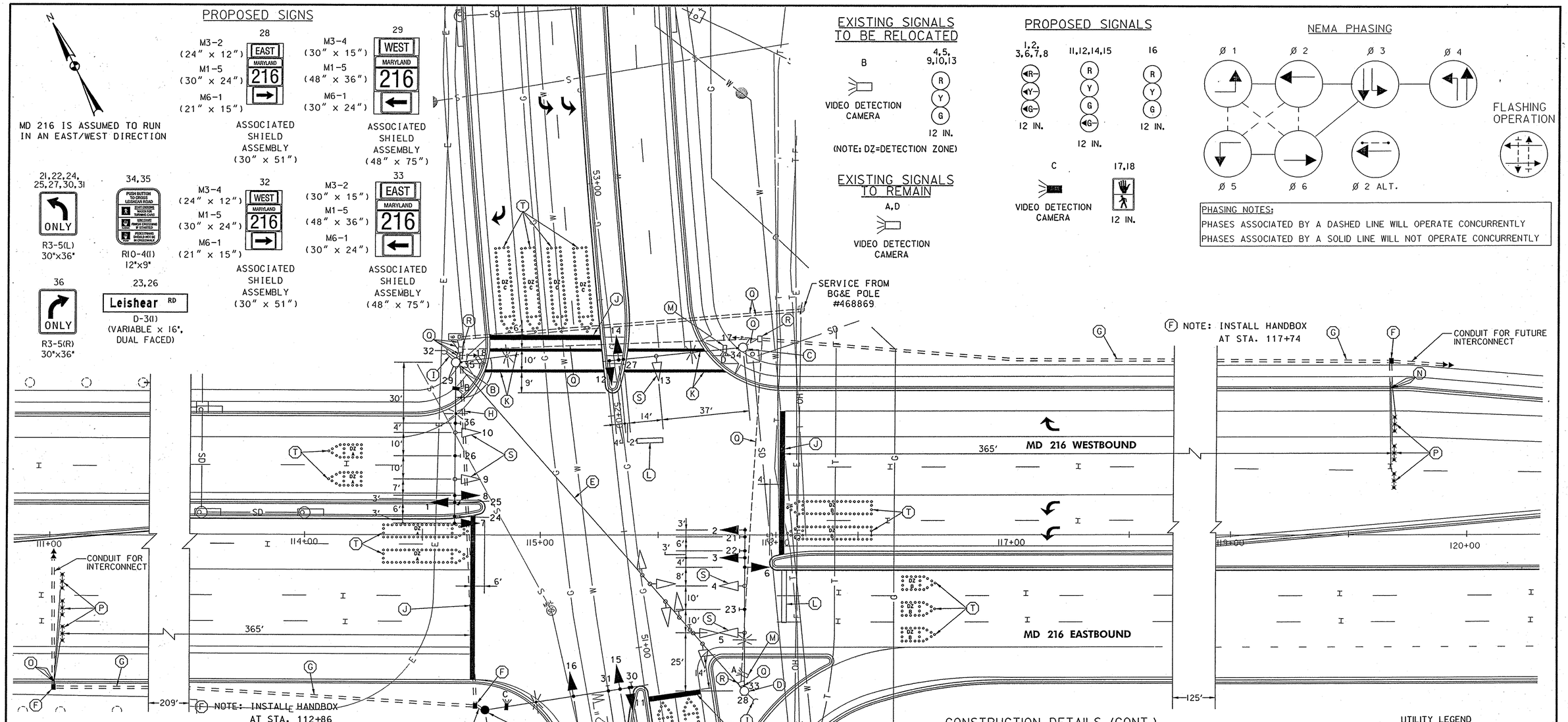


## CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM WITH TRAFFIC SIGNAL HEADS, SIGN, 20 FT. LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE, PHOTOCELL, AND VIDEO DETECTION CAMERA (NOTE: ONE 3" PVC SCHEDULE 80 CONDUIT BEND). MD 216 STA. 114+77 75' RT.
B. INSTALL 70 FT. MAST ARM WITH TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN ON EXISTING SIGNAL POLE (10 FT. MAX. FROM FACE OF CURB TO PUSH BUTTON). RESET LIGHTING ARM AND RE-AIM VIDEO DETECTION CAMERA 'B' AS SHOWN.
C. INSTALL 60 FT. MAST ARM WITH TRAFFIC SIGNAL HEADS, SIGN, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN ON EXISTING SIGNAL POLE (10 FT. MAX. FROM FACE OF CURB TO PUSHBUTTON).
D. INSTALL 70 FT. MAST ARM WITH TRAFFIC SIGNAL HEADS AND SIGNS ON EXISTING SIGNAL POLE AS SHOWN.
E. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
F. INSTALL HANDHOLE.
G. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
H. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED.
I. REMOVE BACKGUY.
J. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
K. INSTALL 12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
L. REMOVE EXISTING PAVEMENT MARKINGS.

## CONSTRUCTION DETAILS (CONT.)

M. RE-AIM EXISTING VIDEO DETECTION CAMERA.
N. INSTALL 1 IN. ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
O. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
P. FURNISH AND INSTALL MICRO-LOOP PROBE SET.
Q. USE EXISTING CONDUIT.
R. USE EXISTING HANDHOLE.
S. USE SALVAGED SIGNAL HEAD FROM M.O.T. PHASE 3A.
T. PROPOSED VIDEO DETECTION ZONE.

### UTILITY LEGEND

| | |
|---|---|
| —G—G— | GAS MAIN |
| —W—W— | WATER MAIN |
| —S—S— | SEWER MAIN |
| —E—E— | ELECTRIC CABLES |
| —OH—OH— | AERIAL CABLES |
| —T—T— | TELEPHONE CABLES |
| —P—P— | PETROLEUM MAIN |
| —SD—SD— | STORM DRAIN |

FINAL SIGNAL

SG-11

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217

| REVISIONS | | |
|---|---|---|
| D | RECONSTRUCTION DUE TO GEOMETRIC IMPROVEMENTS H03065171 | 5-21-03 |
| RK&K | | |
| C | REPLACE CONTROLLER & CABINET, ADD PHONE DROP | 7-6-98 |
| DCI LSC | | |
| B | UPGRADE TO FULLY ACTUATED SIGNAL HO-663-501-785 | 10-13-83 |
| JC SR | | |
| A | ASBUILT AW 339-504-088 | 9-14-83 |

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
MD 216 AND LEISHEAR ROAD
SIGNAL PLAN

| | | | | | |
|---|---|---|---|---|---|
| DESIGNED BY: | SHA | F.A.P. NO. | | TS NO. TS-1570D | SHEET NO. |
| CHECKED BY: | SHA | S.H.A. NO. | AW114AS9/B59 | | |
| SCALE: | 1"=20' | COUNTY: | HOWARD | T.I.M.S. NO. F-513 | 12 OF 35 |
| DATE: | | LOG MILE: | 13021602.68 | | |