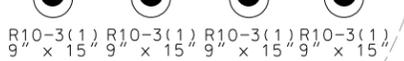
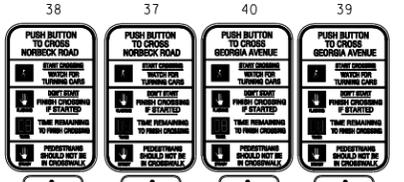


MD 97 (GEORGIA AVENUE) IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED



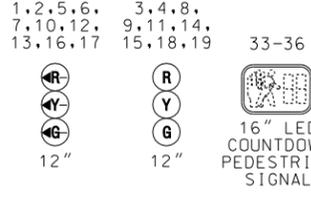
PROPOSED SIGNS



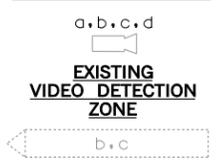
EXISTING SIGNALS TO BE REMOVED



PROPOSED LED SIGNALS



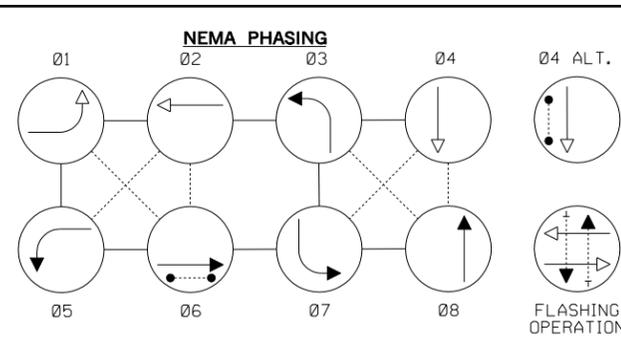
EXISTING VIDEO DETECTION CAMERAS



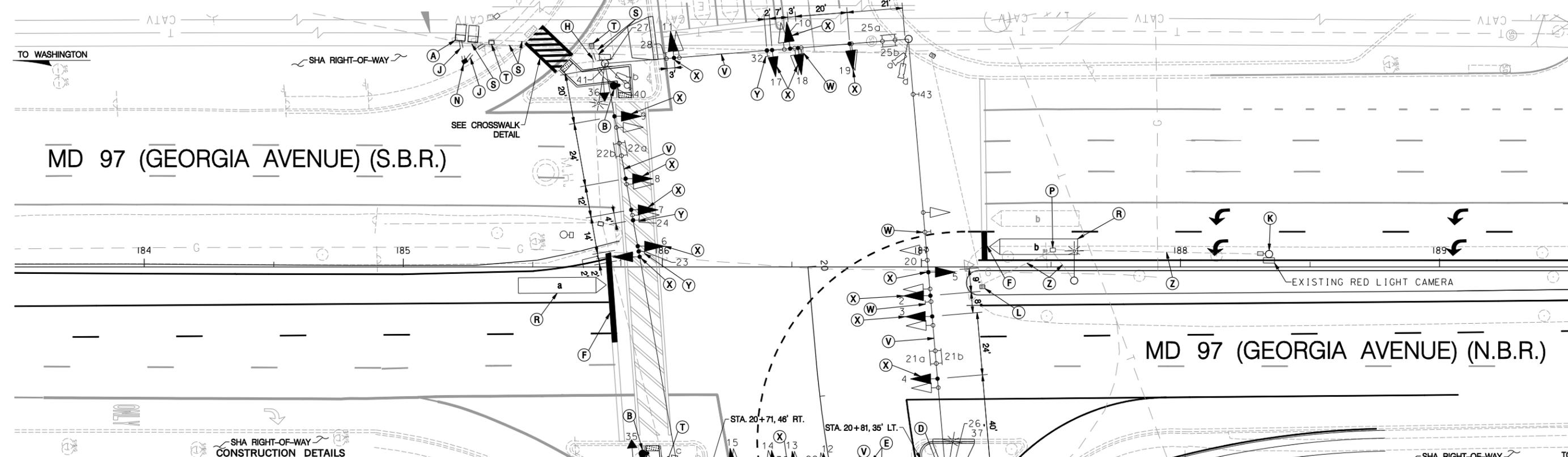
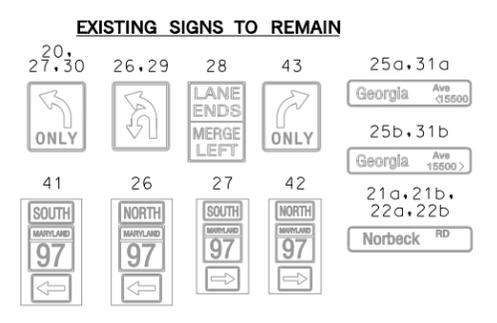
EXISTING SURVEILLANCE CAMERA



PROPOSED VIDEO DETECTION ZONE



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



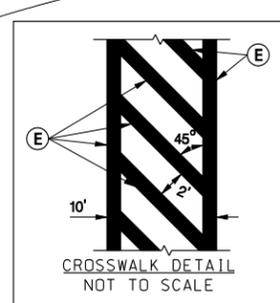
- CONSTRUCTION DETAILS**
- A. USE EXISTING CABINET AND CONTROLLER. INSTALL AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON BASE UNIT. INSTALL ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND IN EXISTING FOUNDATION.
 - B. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE. 16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS GEORGIA AVENUE"), AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 185+81, 70' LT. AND STA. 185+92, 72' RT.
 - C. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE. 16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS NORBECK ROAD"), AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 20+80, 54' RT.
 - D. INSTALL 16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS NORBECK ROAD") AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON EXISTING STRAIN POLE.
 - E. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
 - F. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINES.
 - G. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES, AND CONTROLLER.
 - H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - K. REMOVE EXISTING POLE BASE AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - L. REPLACE FRAME AND COVER ON EXISTING HANDHOLE.
 - M. NOT USED.
 - N. INSTALL HANDHOLE.
 - P. REMOVE EXISTING HANDHOLE AND BACKFILL.
 - R. ADJUST VIDEO DETECTION ZONE.
 - S. USE EXISTING CONDUIT.
 - T. USE EXISTING HANDHOLE.
 - V. REMOVE ALL EXISTING SIGNAL HEADS ON SPAN WIRE.
 - W. REMOVE EXISTING SPAN WIRE MOUNTED SIGN.
 - X. INSTALL SIGNAL HEAD ON EXISTING SPAN WIRE.
 - Y. INSTALL SIGN ON EXISTING SPAN WIRE.
 - Z. CAP AND ABANDON EXISTING CONDUIT.

GEOMETRIC LEGEND

| | |
|---------|----------|
| --- | EXISTING |
| - - - - | PROPOSED |

UTILITY LEGEND

| | | |
|-----|-----|------------------|
| --- | SD | STORM DRAIN |
| --- | G | GAS MAIN |
| --- | W | WATER MAIN |
| --- | SAN | SEWER MAIN |
| --- | E | ELECTRIC CABLES |
| --- | A | AERIAL CABLES |
| --- | T | TELEPHONE CABLES |
| --- | FO | FIBER-OPTIC |



SEGMENT D APPROVED FOR CONSTRUCTION

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVENUE) AT
MD 28 (NORBECK ROAD)
NORBECK, MARYLAND

| APPROVALS | | REVISIONS | | TRAFFIC SIGNAL PLAN | |
|---|--|------------------------------------|--------------------------------------|---|--|
| TEAM LEADER, TRAFFIC ENGINEERING DIVISION | ASST. CHIEF TRAFFIC ENGINEERING DIVISION | CHIEF TRAFFIC ENGINEERING DIVISION | DIRECTOR, OFFICE OF TRAFFIC & SAFETY | (E) MODIFICATION DUE TO LANE CONFIGURATION CHANGES (003) SHA NO. AT3780590 SWA 12/08 (F) INSTALL VIDEO DETECTION SHA NO. XX4448188 JWA 10/21/08 (G) REPLACE WB MD 28 DETECTION SHA NO. 07-2003 TMZ 7/16/04 | SCALE 1" = 20' DATE JUNE 13, 1980 CONTRACT NO. _____ DESIGNED BY _____ COUNTY MONTGOMERY DRAWN BY B. KENT LOGMILE 15008708.82 CHECKED BY _____ T.I.M.S. NO. J387X F.A.P. NO. AC-NH-HCC-1(1)N TOD NO. _____ |
| ORIGINAL ON FILE | | | | TS NO. 190E DRAWING pSG OF P005 SHEET NO. OF | |