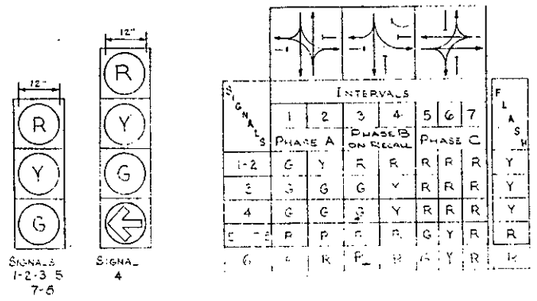

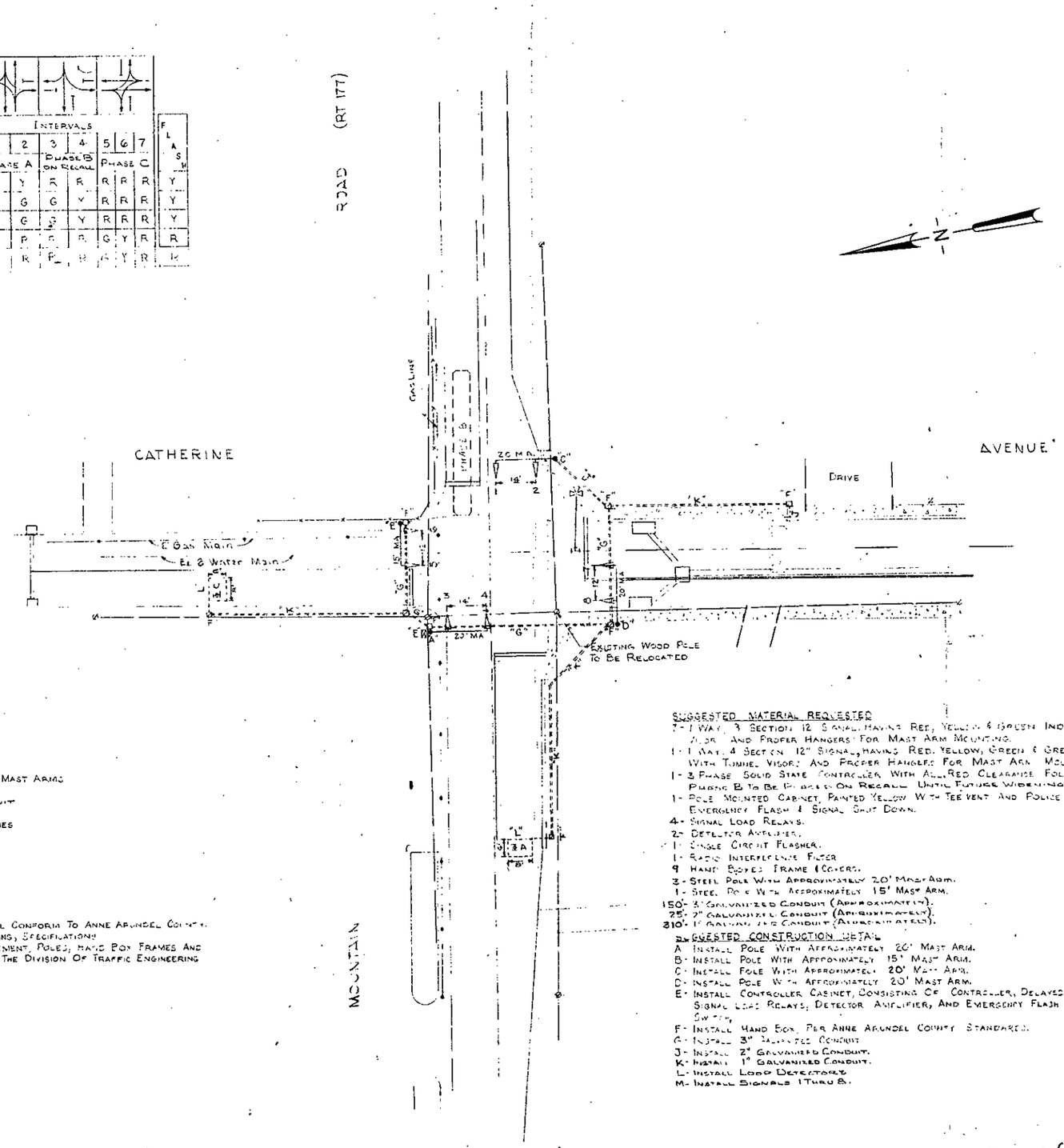

LEGEND

- PROPOSED TRAFFIC SIGNALS
- PROPOSED CONTROLLER CABINET
- PROPOSED HAND BOXES
- PROPOSED STEEL POLES WITH MAST ARMS
- PROPOSED LOOP DETECTORS
- PROPOSED GALVANIZED CONDUIT
- EXISTING WOOD POLES
- EXISTING OVERHEAD POWER LINES

NOTE:

ALL WORK & MATERIALS SHALL CONFORM TO ANNE ARUNDEL COUNTY, DIVISION OF TRAFFIC ENGINEERING, SPECIFICATIONS.
ALL PROPOSED SIGNAL EQUIPMENT, POLES, HAND BOX FRAMES AND COVERS WILL BE SUPPLIED BY THE DIVISION OF TRAFFIC ENGINEERING UNLESS OTHERWISE SPECIFIED.

SUGGESTED MATERIAL REQUESTED

7- 1 WAY, 3 SECTION 12" SIGNAL HAVING RED, YELLOW & GREEN INDICATIONS WITH TUNNEL VISOR AND PROPER HANGERS FOR MAST ARM MOUNTING.
1- 1 WAY, 4 SECTION 12" SIGNAL, HAVING RED, YELLOW, GREEN & GREEN ARROW INDICATION WITH TUNNEL VISOR, AND PROPER HANGERS FOR MAST ARM MOUNTING.
1- 3 PHASE SOLID STATE CONTROLLER WITH ALL RED CLEARANCE FOLLOWING PHASE C, PHASE B TO BE PHASED ON RECALL UNTIL FUTURE WIDENING OF RT. 177.
1- POLE MOUNTED CABINET, PAINTED YELLOW WITH TEE VENT AND POLICE PANEL DOOR FOR EMERGENCY FLASH & SIGNAL SHUT DOWN.
4- SIGNAL LOAD RELAYS.
2- DETECTOR AMPLIFIER.
1- SINGLE CIRCUIT FLASHER.
1- RADIO INTERFERENCE FILTER
9 HAND BOXES FRAME & COVERS.
3- STEEL POLE WITH APPROXIMATELY 20' MAST ARM.
1- STEEL POLE WITH APPROXIMATELY 15' MAST ARM.
150- 3" GALVANIZED CONDUIT (APPROXIMATELY).
25- 2" GALVANIZED CONDUIT (APPROXIMATELY).
310- 1" GALVANIZED CONDUIT (APPROXIMATELY).

SUGGESTED CONSTRUCTION DETAIL

A- INSTALL POLE WITH APPROXIMATELY 20' MAST ARM.
B- INSTALL POLE WITH APPROXIMATELY 15' MAST ARM.
C- INSTALL POLE WITH APPROXIMATELY 20' MAST ARM.
D- INSTALL POLE WITH APPROXIMATELY 20' MAST ARM.
E- INSTALL CONTROLLER CABINET, CONSISTING OF CONTROLLER, DELAYED GREEN TIMER, FLASHER, SIGNAL LOAD RELAYS, DETECTOR AMPLIFIER, AND EMERGENCY FLASH & SIGNAL SHUT DOWN SWITCH.
F- INSTALL HAND BOX, PER ANNE ARUNDEL COUNTY STANDARDS.
G- INSTALL 3" GALVANIZED CONDUIT
J- INSTALL 2" GALVANIZED CONDUIT.
K- INSTALL 1" GALVANIZED CONDUIT.
L- INSTALL LOOP DETECTORS
M- INSTALL SIGNALS 1 THRU 8.

MD 100 + Catherine Ave
TS 328

STATE ROADS COMMISSION	ANNE ARUNDEL COUNTY
DIVISION OF ENGINEERING—TRAFFIC	DEPARTMENT OF PUBLIC WORKS

CHIEF, BUREAU OF TRAFFIC OPERATION — DATE
ASSISTANT CHIEF ENGINEER - TRAFFIC — DATE

CHIEF BUREAU OF ENGINEERING — DATE
CHIEF, TRAFFIC ENGINEERING DIVISION — DATE 9/22/70
DIRECTOR OF PUBLIC WORKS — DATE

DATE
SCALE 1" = 20'
SHEET NO.
DRAWING NO.
DRAWN BY
CHECKED BY

TRAFFIC ENGINEERING

MOUNTAIN ROAD & CATHERINE AVENUE
PROPOSED TRAFFIC SIGNALIZATION

02010002.14

REVISIONS