MD 710 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

16,19 — LEFT TURN YIELD ON GREEN — R10-12 (36" X 42")

15 — Arundel Corp RD

17 — Ches. Center DR

20 — Arundel Corp RD — D-3(1) (DUAL FACED) (VARIABLE x 16")

18 — Ches. Center DR — D-3(1) (DUAL FACED) (VARIABLE x 16")

PROPOSED SIGNS

21 — ONLY — R3-5L (30" X 36")

24 — R3-6 (30" X 36")

25 — ONLY — R3-5R (30" X 36")

22 — R3-6 (30" X 36")

23 — ONLY — R3-5R (30" X 36")

EXISTING SIGNALS

1,4 — 12"/8"

2,5 — 12"

3,6,9,12 — 12"

7,10 — 8"/12"

8,11 — 12"

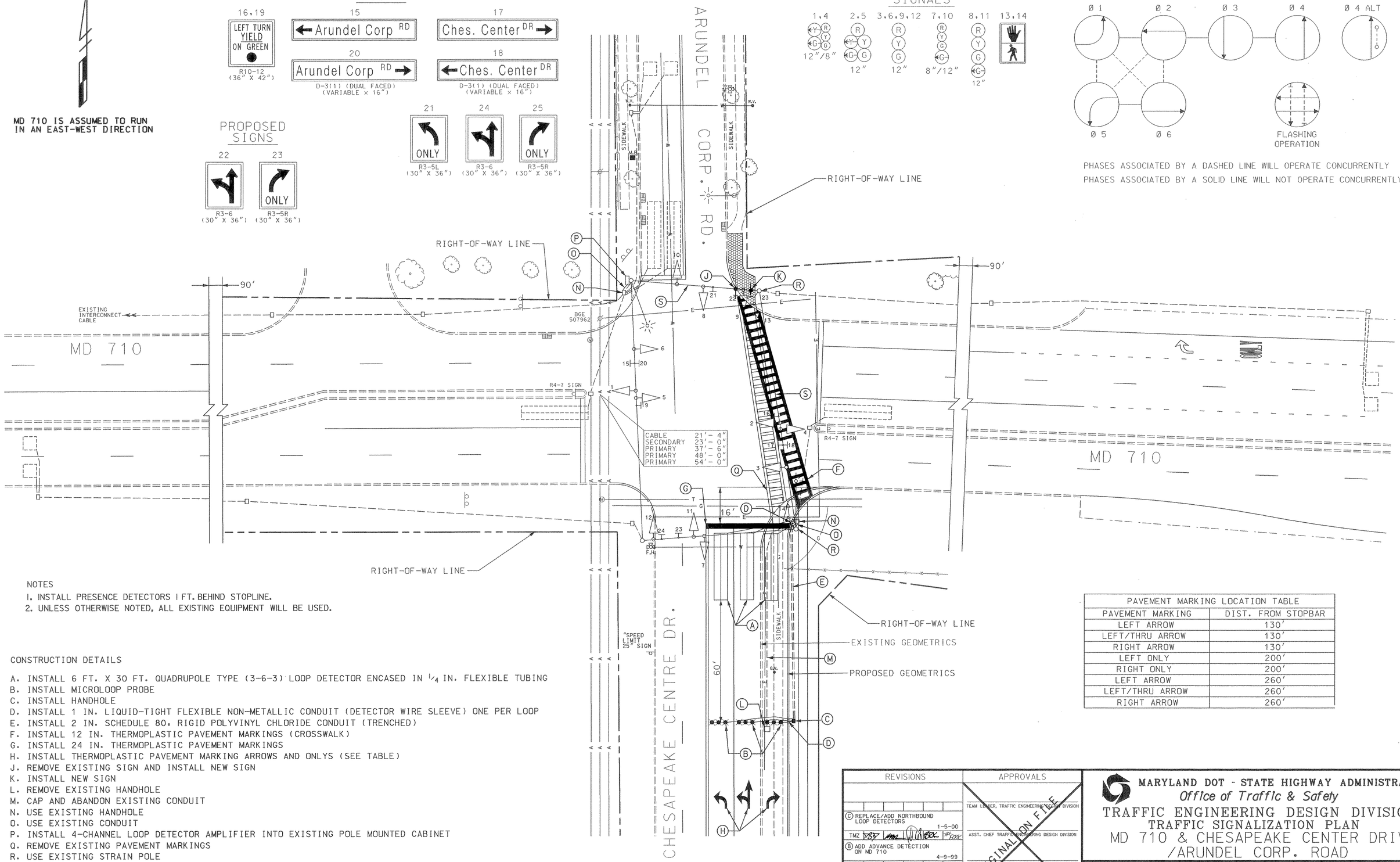
13,14

NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 4 ALT, Ø 5, Ø 6, FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



NOTES

1. INSTALL PRESENCE DETECTORS 1 FT. BEHIND STOPLINE.
2. UNLESS OTHERWISE NOTED, ALL EXISTING EQUIPMENT WILL BE USED.

CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING
B. INSTALL MICROLOOP PROBE
C. INSTALL HANDHOLE
D. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE) ONE PER LOOP
E. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE CONDUIT (TRENCHED)
F. INSTALL 12 IN. THERMOPLASTIC PAVEMENT MARKINGS (CROSSWALK)
G. INSTALL 24 IN. THERMOPLASTIC PAVEMENT MARKINGS
H. INSTALL THERMOPLASTIC PAVEMENT MARKING ARROWS AND ONLYS (SEE TABLE)
J. REMOVE EXISTING SIGN AND INSTALL NEW SIGN
K. INSTALL NEW SIGN
L. REMOVE EXISTING HANDHOLE
M. CAP AND ABANDON EXISTING CONDUIT
N. USE EXISTING HANDHOLE
O. USE EXISTING CONDUIT
P. INSTALL 4-CHANNEL LOOP DETECTOR AMPLIFIER INTO EXISTING POLE MOUNTED CABINET
Q. REMOVE EXISTING PAVEMENT MARKINGS
R. USE EXISTING STRAIN POLE
S. USE EXISTING SPAN WIRE

PAVEMENT MARKING LOCATION TABLE

PAVEMENT MARKING	DIST. FROM STOPBAR
LEFT ARROW	130'
LEFT/THRU ARROW	130'
RIGHT ARROW	130'
LEFT ONLY	200'
RIGHT ONLY	200'
LEFT ARROW	260'
LEFT/THRU ARROW	260'
RIGHT ARROW	260'

REVISIONS

C	REPLACE/ADD NORTHBOUND LOOP DETECTORS	1-5-00
TMZ		
B	ADD ADVANCE DETECTION ON MD 710	4-9-99
NML		
A	ADD PED. CROSSING TO INTERSECTION. EAST LEG.	4-25-95
DJD		

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

TRAFFIC SIGNALIZATION PLAN

MD 710 & CHESAPEAKE CENTER DRIVE /ARUNDEL CORP. ROAD

DRAWN BY:	M.A.M.	F.A.P. NO.		TS NO. TS-3170C	SHEET NO.
CHECKED BY:	M.A.M.	S.H.A. NO.	BW-415-802-512		
SCALE:	1" = 20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. D-013	1 OF 2
DATE:	7-31-91	LOG MILE:	02071000.25		