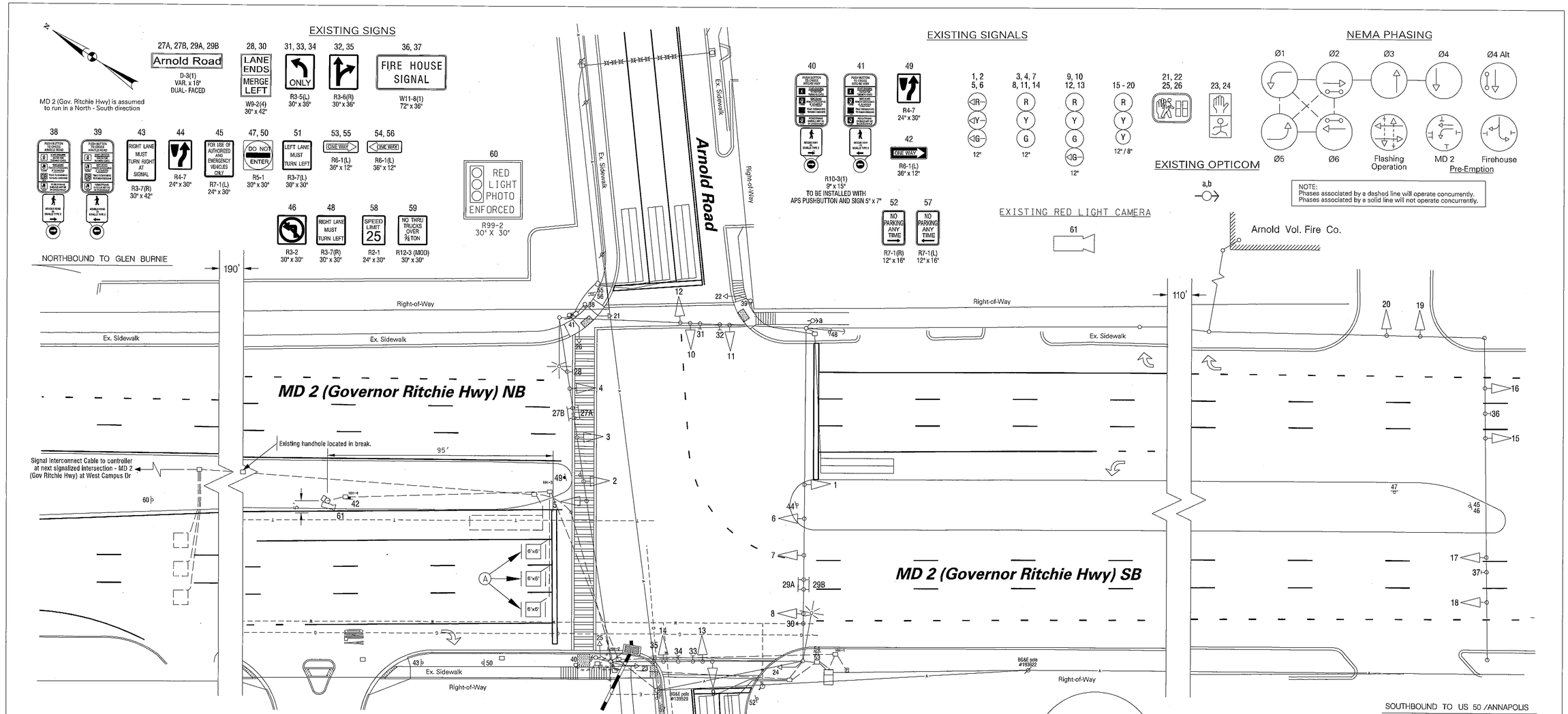
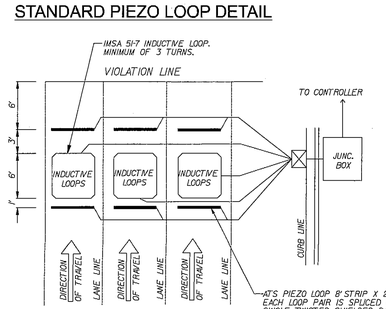


CONSTRUCTION DETAILS

A. REPLACE EXISTING PIEZO AND INDUCTIVE LOOPS AS PER PIEZO LOOP DETAIL.

STANDARD PIEZO LOOP DETAIL



NOTES:

1. CENTER SENSORS IN LANE.
2. INDUCTIVE LOOPS ARE 6'X6' AND REQUIRED 3 TURNS OF IMSA #51-7.
3. LOOP HOMERUNS ARE TWISTED EVERY 1' AND RUN IN INDIVIDUAL SAW CUTS TO THE PULL BOX, THEN SPLICE WITH 3M 78-R SERIES AWG SHIELDED CABLES BACK TO CONTROL CABINET.
4. PIEZO HOMERUNS CAN SHARE THE SAME CUT.
5. PIEZOS AND PIEZO SEALANT (AS 475) ARE PROVIDED BY AT'S.
6. LOOP DLC IMSA 50-2, 14 AWG 2 CONDUCTOR WITH BARE DRAIN WIRE.

GEOMETRIC LEGEND

- Existing
- Proposed

ULTILITY LEGEND

—SD—SD—	Storm Drain
—G—G—	Gas Main
—W—W—	Water Main
—SAN—SAN—	Sewer Main
—E—E—	Electric Cables
—A—A—	Aerial Cables
—T—T—	Telephone Cables
—F—F—	Fiber-Optic

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McMAHON TRANSPORTATION ENGINEERS & PLANNERS

ORIGINAL ON FILE

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

K	Replace piezo and loops ea. 6 LRC SHA#RW23/MB3 THB 2-20-12
J	Install battery backup SHA#XY 224595 11-20-9
H	WE quadrant footings improvements. Add AT's 15 orth. leg. 5-23-08
G	Modifications due to geometric changes. S.H.A. No. 1BW3980M2 July 12, 2007 FJH

NOTE

These plans are approved for construction for a period of one (1) year from the date of approval. Should construction not begin within this time frame these plans shall be null and void without a re-review from the Traffic Engineering design Division.

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 at Arnold Road

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 4/8/73 CONTRACT NO. A-810-2-576

DESIGNED BY J Spence
DRAWN BY J Spence
CHECKED BY
F.A.P. NO. N/A

COUNTY Anne Arundel
LOGMILE 0200225.15
T.I.M.S. NO. J-698
TOD NO.

DRAWING NO. TS - 324 K

SHEET NO. 1 OF 1