F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	471A	542

PROPOSED SIGNS

35 — LEFT TURN / YIELD / ON GREEN — R10-12 36"x42"

34,40 — ONLY — R3-5(L) 30" X 36"

41 — R3-6 30" X 36"

36 — R3-2 30" X 36"

39 — NO TURN ON RED — R10-11b(Mod) Fiber Optic 30"X30"

PROPOSED SIGNALS

4 — 12" R 8", 12" Y 8", 12" G 8"

5 — 12" R, Y Y, G G

7 — 8" R, Y, G

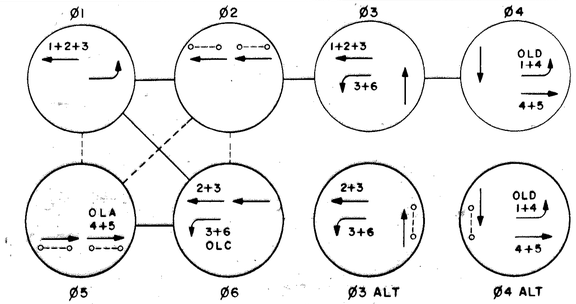
6,8,9,13,14 — 12" R, Y, G

SYMBOLIC 23-26,30,31 — 12" WK DW

17,18 — R 8", R 8"

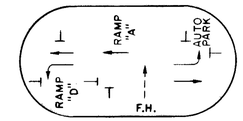
EXISTING SIGNALS

15,16 — 8" R, Y, G

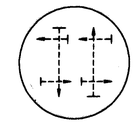


PHASING NOTES:

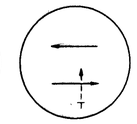
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



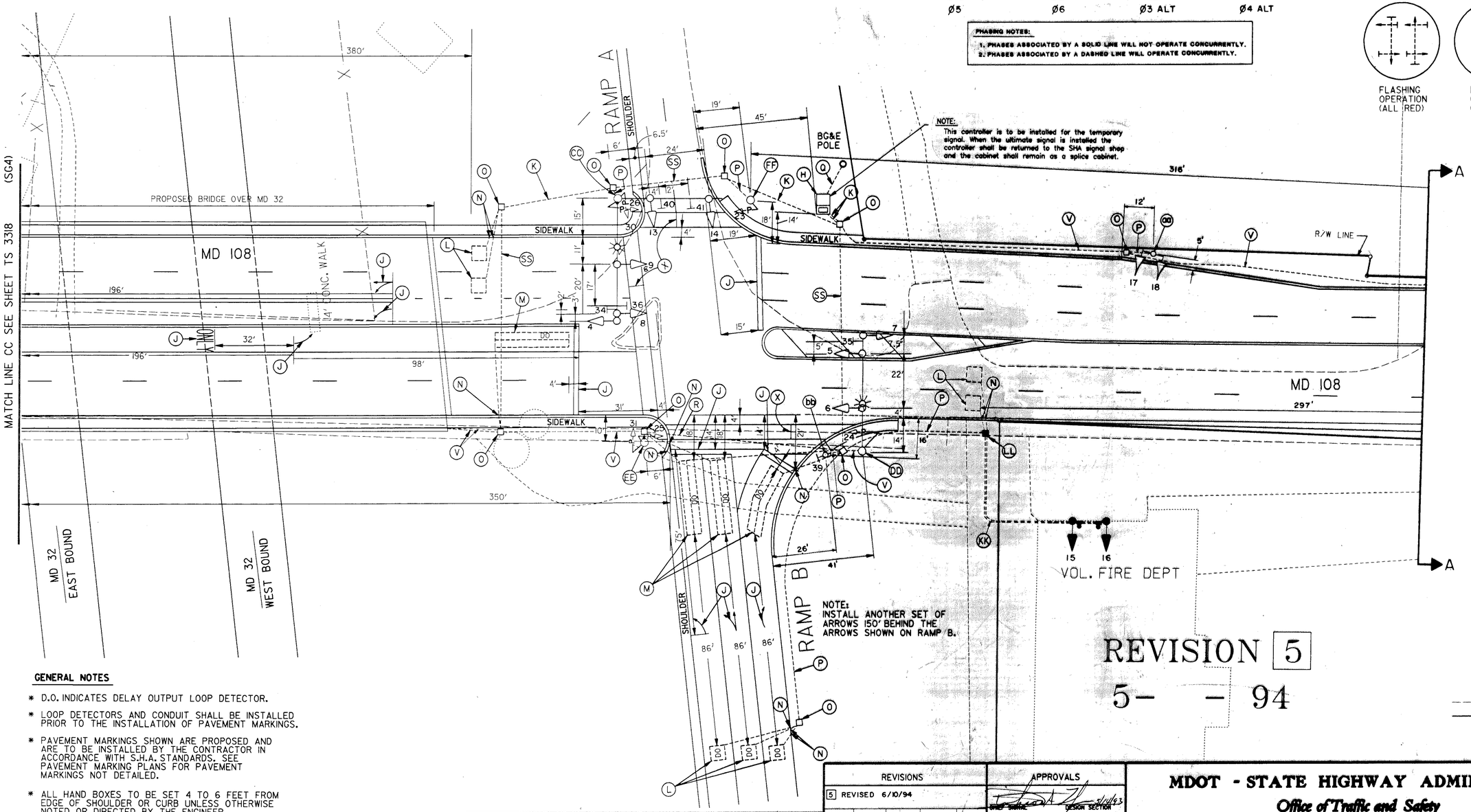
PRE-EMPTION PHASE



FLASHING OPERATION (ALL RED)



FLASHING OPERATION (FIRE HOUSE)



REVISION 5

5- - 94

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

GENERAL NOTES

* D.O. INDICATES DELAY OUTPUT LOOP DETECTOR.
* LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
* PAVEMENT MARKINGS SHOWN ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS NOT DETAILED.
* ALL HAND BOXES TO BE SET 4 TO 6 FEET FROM EDGE OF SHOULDER OR CURB UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
* CONTRACTOR TO VERIFY GEOMETRICS BEFORE INSTALLING SIGNAL EQUIPMENT AT FINAL GRADES.
* CONTRACTOR SHALL INSTALL CONDUIT CROSSING PAVED AREA BEFORE FINAL PAVING OPERATION.
* THE 250 WATT H.P.S. MAST ARM MOUNTED LIGHTS ARE TO HAVE PHOTOELECTRIC CELLS MOUNTED ON THEM.

BUCHART HORN, INC. Baltimore, MD
Engineers, Architects, and Planners

BH # 64896/65350-09-4-198-34

REVISIONS

5 REVISED 6/10/94

A 3-7-94 Adjust for geometric and equipment changes

SHA NO. HO-292-510-770

APPROVALS

CHIEF, DESIGN SECTION 5/14/93

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, BUREAU OF TRAFFIC ENGINEERING 5/14/93

DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic and Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SG 5 OF 6 SG

DRAWN BY: AL MAWRY
DES. BY: J. D. MALINOWSKI
CHK. BY: 5/14/93

MD 108 AT MD 32 RAMP B AND FIREHOUSE

SIGNAL NO. | COUNTY: HOWARD

DATE: MARCH 1993 | F.A.P. NO. SEE TITLE SHEET | TS/FILE NO. 3317A | SHEET NO. 471A OF 542

SCALE: 1" = 20' | S.H.A. NO. HO 292-510-770

#DGN: /usr/msdgn/64896/dennny/d322.dgn
#DATE: 5-5-93

130108XX.XX