MD 223 IS CONSIDERED TO RUN
IN AN EAST-WEST DIRECTION

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE SPLITTING OF THE SIDE STREET PHASING, THE ADDITION OF MAINLINE E/P PHASING, THE RELOCATION OF THE EXISTING CROSSWALK AND THE ADDITION OF ONE CROSSWALK, WITH PEDESTRIAN INDICATIONS AND PUSHBUTTONS.

EXISTING SIGNALS

3,6,9,12

R Y G

12"

EXISTING SIGNS

17,19

Pine View Dr

17A,19A

Pine View Dr

12" ONLY

TO BE REMOVED

PROPOSED SIGNALS

1,4 — 12"/8"

2,5 — 12"

7,10 — 8"/12"

8,11 — 12"

13-16 — 12"

PROPOSED SIGNS

18,20 — LEFT TURN YIELD ON GREEN — 36"X42" R10-12 SPAN MOUNT

28 — 30"X36"

23,26,27 — ONLY — 30"X36"

24 — WEST MARYLAND 223 — 30"X51"

21 — EAST MARYLAND 223 — 30"X51"

22 — WEST MARYLAND 223 — 48"X75"

25 — EAST MARYLAND 223 — 48"X75"

ASSOCIATED SHIELD ASSEMBLIES POLE MOUNTED

NEMA PHASING

Ø1 Ø2 Ø3 Ø4

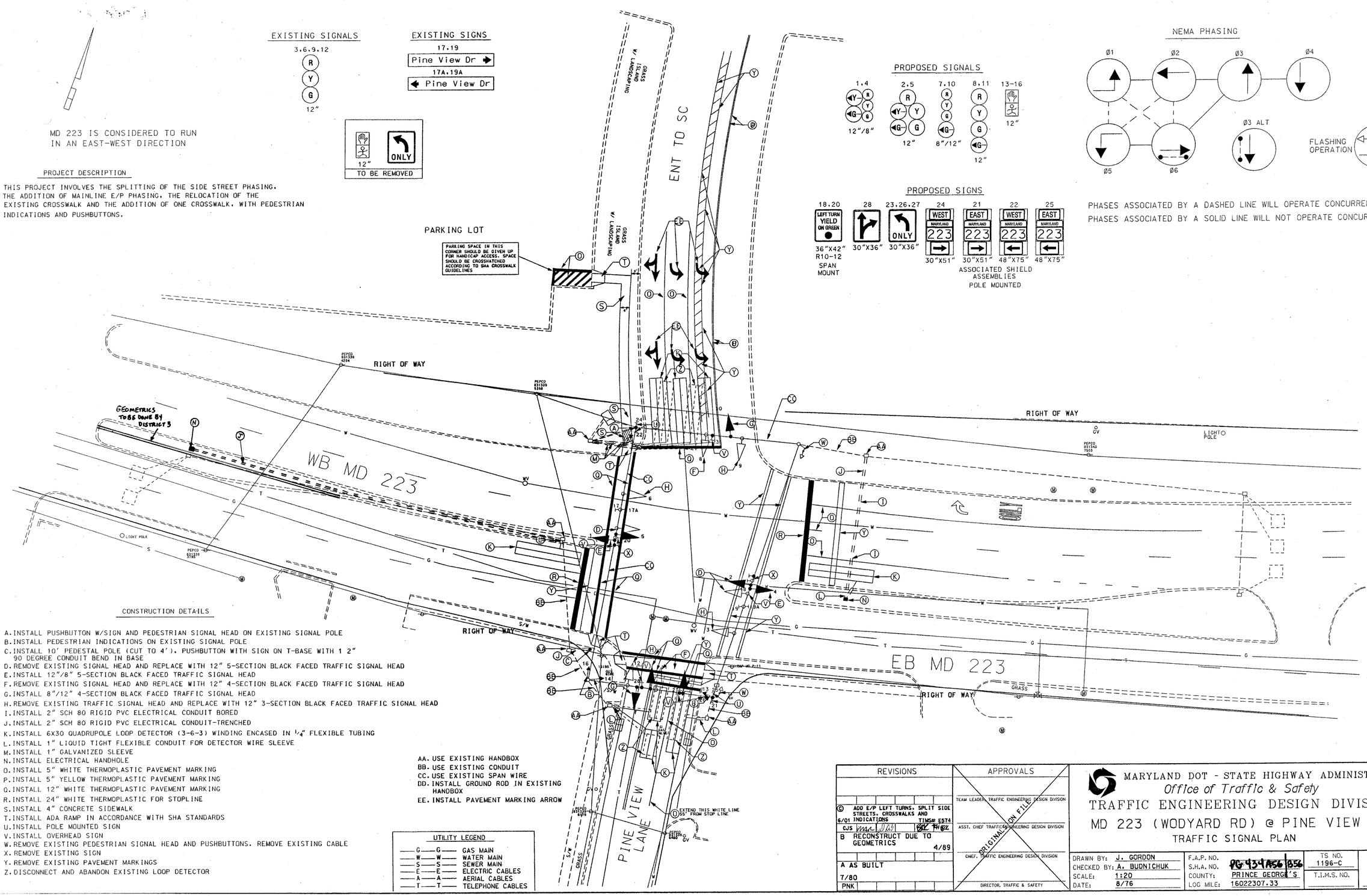
Ø5 Ø6

Ø3 ALT

FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. INSTALL PUSHBUTTON W/SIGN AND PEDESTRIAN SIGNAL HEAD ON EXISTING SIGNAL POLE
B. INSTALL PEDESTRIAN INDICATIONS ON EXISTING SIGNAL POLE
C. INSTALL 10' PEDESTAL POLE (CUT TO 4'). PUSHBUTTON WITH SIGN ON T-BASE WITH 1 2" 90 DEGREE CONDUIT BEND IN BASE
D. REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH 12" 5-SECTION BLACK FACED TRAFFIC SIGNAL HEAD
E. INSTALL 12"/8" 5-SECTION BLACK FACED TRAFFIC SIGNAL HEAD
F. REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH 12" 4-SECTION BLACK FACED TRAFFIC SIGNAL HEAD
G. INSTALL 8"/12" 4-SECTION BLACK FACED TRAFFIC SIGNAL HEAD
H. REMOVE EXISTING TRAFFIC SIGNAL HEAD AND REPLACE WITH 12" 3-SECTION BLACK FACED TRAFFIC SIGNAL HEAD
I. INSTALL 2" SCH 80 RIGID PVC ELECTRICAL CONDUIT BORED
J. INSTALL 2" SCH 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED
K. INSTALL 6X30 QUADRUPOLE LOOP DETECTOR (3-6-3) WINDING ENCASED IN 1/4" FLEXIBLE TUBING
L. INSTALL 1" LIQUID TIGHT FLEXIBLE CONDUIT FOR DETECTOR WIRE SLEEVE
M. INSTALL 1" GALVANIZED SLEEVE
N. INSTALL ELECTRICAL HANDHOLE
O. INSTALL 5" WHITE THERMOPLASTIC PAVEMENT MARKING
P. INSTALL 5" YELLOW THERMOPLASTIC PAVEMENT MARKING
Q. INSTALL 12" WHITE THERMOPLASTIC PAVEMENT MARKING
R. INSTALL 24" WHITE THERMOPLASTIC FOR STOPLINE
S. INSTALL 4" CONCRETE SIDEWALK
T. INSTALL ADA RAMP IN ACCORDANCE WITH SHA STANDARDS
U. INSTALL POLE MOUNTED SIGN
V. INSTALL OVERHEAD SIGN
W. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTONS. REMOVE EXISTING CABLE
X. REMOVE EXISTING SIGN
Y. REMOVE EXISTING PAVEMENT MARKINGS
Z. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR

AA. USE EXISTING HANDBOX
BB. USE EXISTING CONDUIT
CC. USE EXISTING SPAN WIRE
DD. INSTALL GROUND ROD IN EXISTING HANDBOX
EE. INSTALL PAVEMENT MARKING ARROW

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

REVISIONS	APPROVALS
C ADD E/P LEFT TURNS, SPLIT SIDE STREETS, CROSSWALKS AND 6/01 INDICATIONS TIMS# E574 CJS	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
B RECONSTRUCT DUE TO GEOMETRICS 4/89	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
A AS BUILT 7/80 PNK	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 223 (WODYARD RD) @ PINE VIEW LANE
TRAFFIC SIGNAL PLAN

DRAWN BY: J. GORDON	F.A.P. NO. PG 434 A56 056	TS NO. 1196-C	SHEET NO.
CHECKED BY: A. BUDNICHUK	S.H.A. NO.	T.I.M.S. NO.	1 OF 2
SCALE: 1:20	COUNTY: PRINCE GEORGE'S		
DATE: 8/76	LOG MILE: 16022307.33		