MD 193 IS CONSIDERED TO RUN IN AN EAST WEST DIRECTION.

EXISTING SIGNALS

3 R Y G

1.2.4-6 R Y G

8.9

PROPOSED SIGNALS

7.10

EXISTING SIGNS

14 LEFT TURN YIELD ON GREEN

PROPOSED SIGNS

11.12 23RD Ave 16"xVar DUAL FACED

13.15 23RD Ave 16"xVar DUAL FACED

16 WEST MARYLAND 193 EAST M95-1 24"X78"

NEMA PHASING

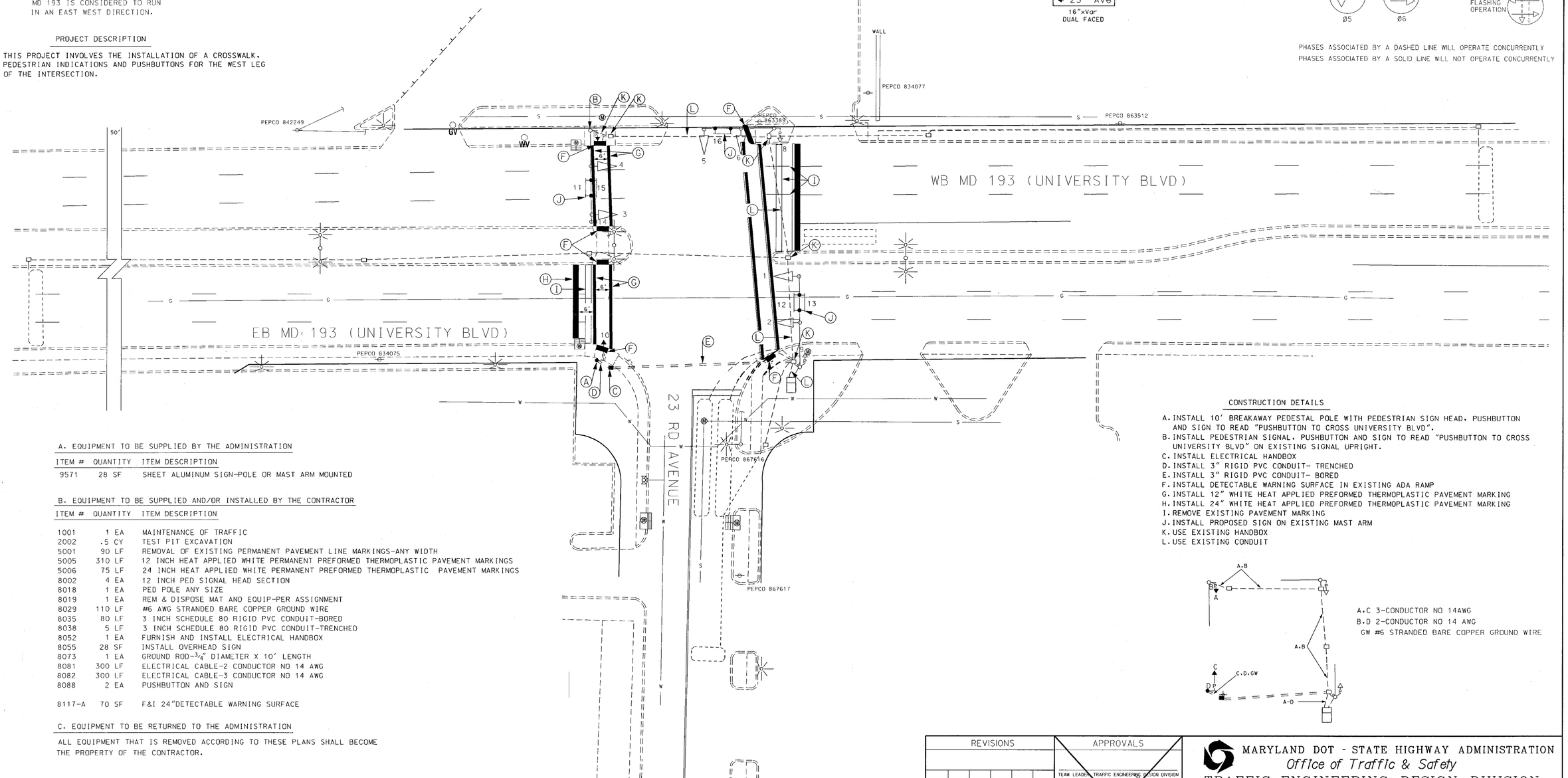
Ø2 Ø4 Ø5 Ø6 ALT Ø4

FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A CROSSWALK, PEDESTRIAN INDICATIONS AND PUSHBUTTONS FOR THE WEST LEG OF THE INTERSECTION.



A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM #	QUANTITY	ITEM DESCRIPTION
9571	28 SF	SHEET ALUMINUM SIGN-POLE OR MAST ARM MOUNTED

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2002	.5 CY	TEST PIT EXCAVATION
5001	90 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS-ANY WIDTH
5005	310 LF	12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
5006	75 LF	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
8002	4 EA	12 INCH PED SIGNAL HEAD SECTION
8018	1 EA	PED POLE ANY SIZE
8019	1 EA	REM & DISPOSE MAT AND EQUIP-PER ASSIGNMENT
8029	110 LF	#6 AWG STRANDED BARE COPPER GROUND WIRE
8035	80 LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED
8038	5 LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8052	1 EA	FURNISH AND INSTALL ELECTRICAL HANDBOX
8055	28 SF	INSTALL OVERHEAD SIGN
8073	1 EA	GROUND ROD-3/4" DIAMETER X 10' LENGTH
8081	300 LF	ELECTRICAL CABLE-2 CONDUCTOR NO 14 AWG
8082	300 LF	ELECTRICAL CABLE-3 CONDUCTOR NO 14 AWG
8088	2 EA	PUSHBUTTON AND SIGN
8117-A	70 SF	F&I 24"DETECTABLE WARNING SURFACE

C. EQUIPMENT TO BE RETURNED TO THE ADMINISTRATION

ALL EQUIPMENT THAT IS REMOVED ACCORDING TO THESE PLANS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

CONSTRUCTION DETAILS

A. INSTALL 10' BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGN HEAD. PUSHBUTTON AND SIGN TO READ "PUSHBUTTON TO CROSS UNIVERSITY BLVD".
B. INSTALL PEDESTRIAN SIGNAL. PUSHBUTTON AND SIGN TO READ "PUSHBUTTON TO CROSS UNIVERSITY BLVD" ON EXISTING SIGNAL UPRIGHT.
C. INSTALL ELECTRICAL HANDBOX
D. INSTALL 3" RIGID PVC CONDUIT- TRENCHED
E. INSTALL 3" RIGID PVC CONDUIT- BORED
F. INSTALL DETECTABLE WARNING SURFACE IN EXISTING ADA RAMP
G. INSTALL 12" WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING
H. INSTALL 24" WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING
I. REMOVE EXISTING PAVEMENT MARKING
J. INSTALL PROPOSED SIGN ON EXISTING MAST ARM
K. USE EXISTING HANDBOX
L. USE EXISTING CONDUIT

A.C 3-CONDUCTOR NO 14AWG
B.D 2-CONDUCTOR NO 14 AWG
GW #6 STRANDED BARE COPPER GROUND WIRE

REVISIONS

Ⓐ INSTALL PEDESTRIAN INDICATIONS, CROSSWALK, PUSHBUTTON FOR WEST LEG

G025 AT3575185 10/04
CJS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINALS ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 193 (UNIVERSITY BLVD) @ 23rd AVENUE

DRAWN BY: S.RENZI	F.A.P. NO.	TS NO. 1022-A	SHEET NO.
CHECKED BY: WR	S.H.A. NO.		
SCALE: 1:20	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. N/A	1 OF 1
DATE: 9/4/1973	LOG MILE: 16019301.35		