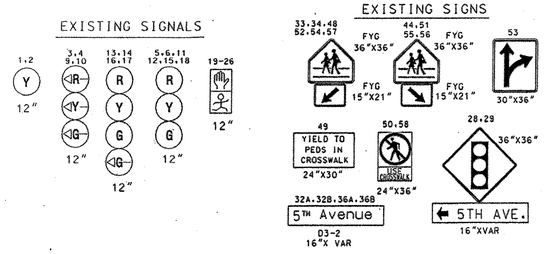
MD 2 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

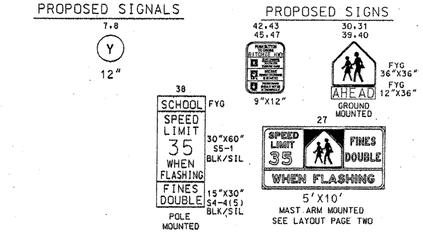
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A SB SCHOOL HIB AND THE REPLACEMENT OF THE SIGNING ON THE EXISTING NB HIB.

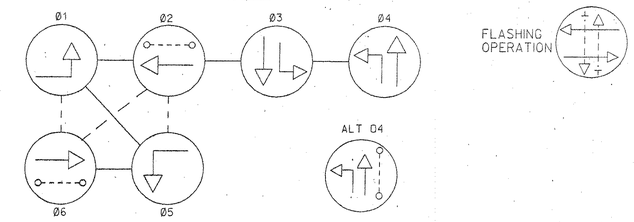
EXISTING SIGNALS



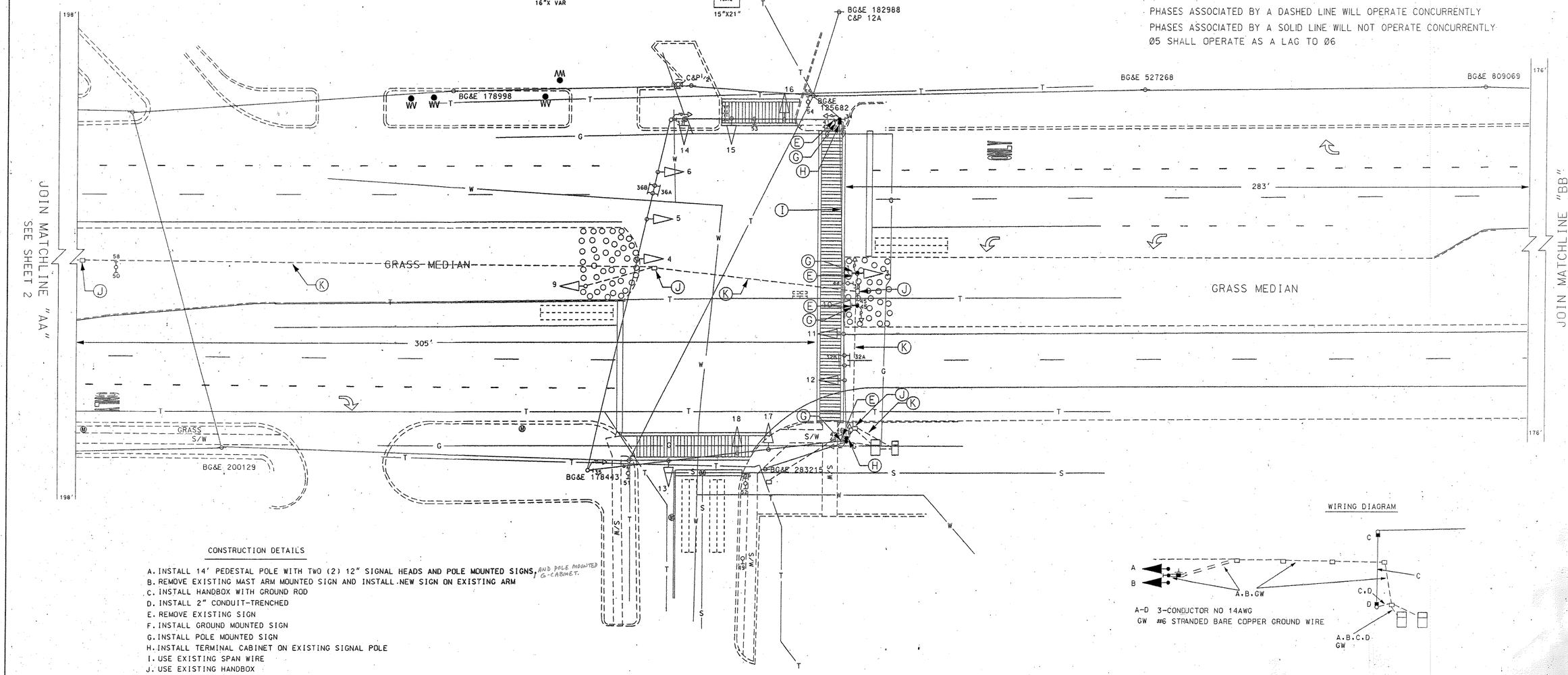
PROPOSED SIGNALS



NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
Ø5 SHALL OPERATE AS A LAG TO Ø6



CONSTRUCTION DETAILS

A. INSTALL 14' PEDESTAL POLE WITH TWO (2) 12" SIGNAL HEADS AND POLE MOUNTED SIGNS, AND POLE MOUNTED G-CABINET.
B. REMOVE EXISTING MAST ARM MOUNTED SIGN AND INSTALL NEW SIGN ON EXISTING ARM
C. INSTALL HANDBOX WITH GROUND ROD
D. INSTALL 2" CONDUIT-TRENCHED
E. REMOVE EXISTING SIGN
F. INSTALL GROUND MOUNTED SIGN
G. INSTALL POLE MOUNTED SIGN
H. INSTALL TERMINAL CABINET ON EXISTING SIGNAL POLE
I. USE EXISTING SPAN WIRE
J. USE EXISTING HANDBOX
K. USE EXISTING CONDUIT

WIRING DIAGRAM

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

GENERAL NOTE

1. UTILITIES SHOWN ARE SCHEMATIC ONLY AND SHALL BE VERIFIED PRIOR TO BEGINNING ANY WORK. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT MAY EXIST, HE SHOULD CONTACT THE PROJECT ENGINEER IMMEDIATELY TO RESOLVE TO RESOLVE THE CONFLICT.

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

D	INSTALL SB HIB AND MODIFY NB HIB 1-19-01 TIMS# E498 CJS	
C	UPGRADE SERVICE	8-91
B	REPLACE LOOP AND HANDBOX	4-21-86
A	AS-BUILT	8-18-82

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
MD 2 (RITCHIE HWY) @ 5 TH AVE.
GLEN BURNIE, MARYLAND

DRAWN BY: C. STRAIN	F.A.P. NO.		TS NO. 802D
CHECKED BY: M. RUCKER	S.H.A. NO.		SHEET NO.
SCALE: 1:20	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. E498	1 OF 2
DATE: 1/16/01	LOG MILE: 02000235.98		