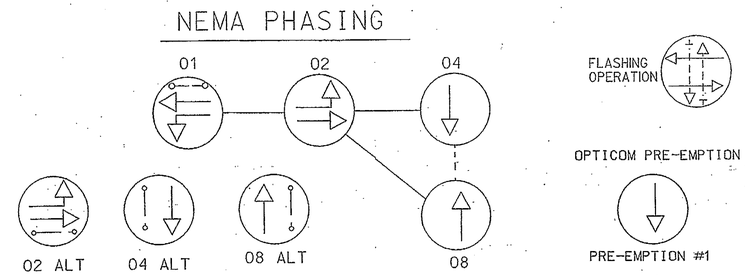
MD 787 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

OPTICOM DETECTOR EYE



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

Equipment List 'A'
Equipment to be supplied by the S.H.A. and installed by the Contractor.

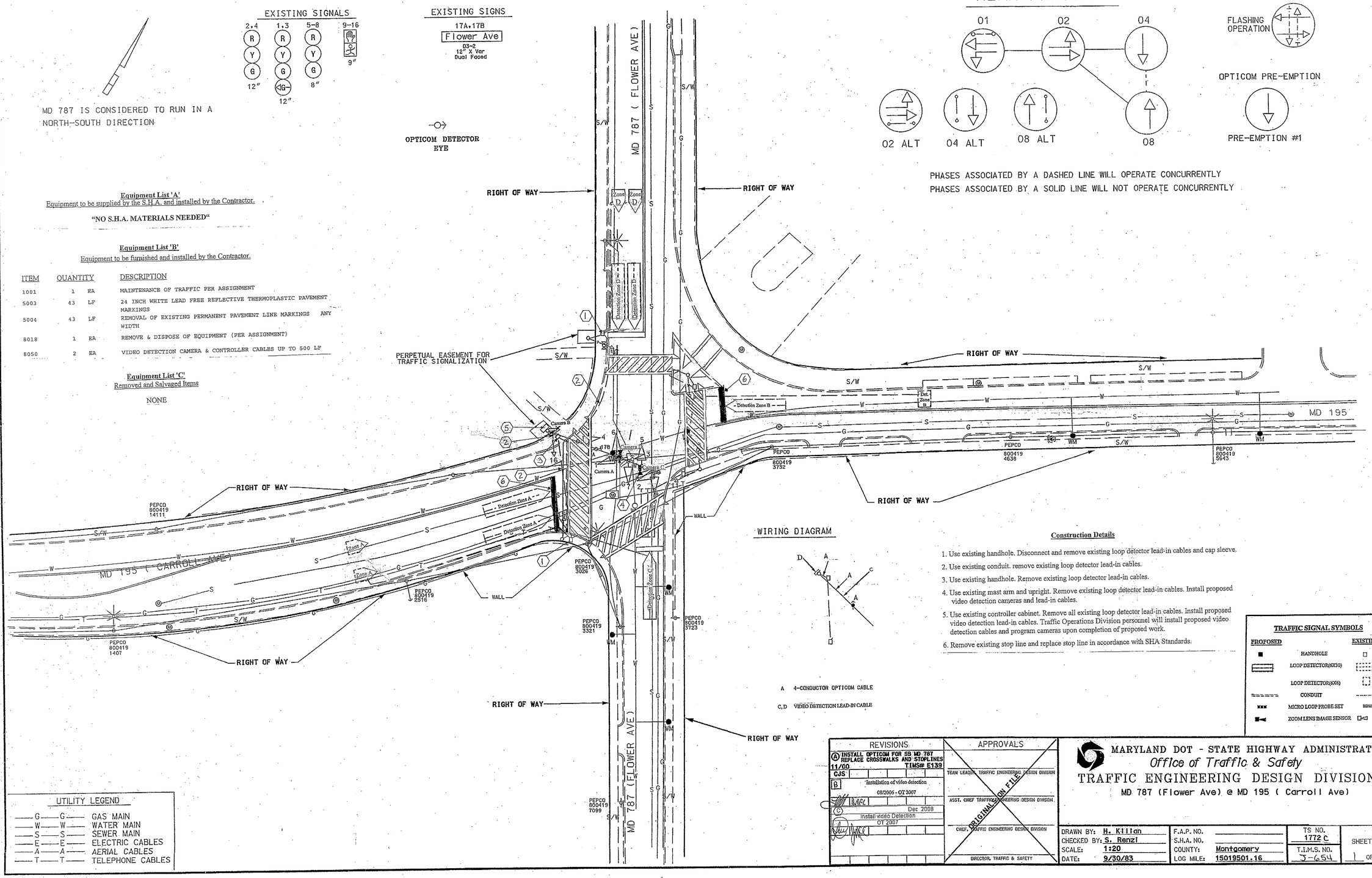
"NO S.H.A. MATERIALS NEEDED"

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	43	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	43	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8050	2	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF

Equipment List 'C'
Removed and Salvaged Items

NONE



WIRING DIAGRAM

A 4-CONDUCTOR OPTICOM CABLE

C,D VIDEO DETECTION LEAD-IN CABLE

Construction Details

1. Use existing handhole. Disconnect and remove existing loop detector lead-in cables and cap sleeve.
2. Use existing conduit. remove existing loop detector lead-in cables.
3. Use existing handhole. Remove existing loop detector lead-in cables.
4. Use existing mast arm and upright. Remove existing loop detector lead-in cables. Install proposed video detection cameras and lead-in cables.
5. Use existing controller cabinet. Remove all existing loop detector lead-in cables. Install proposed video detection lead-in cables. Traffic Operations Division personnel will install proposed video detection cables and program cameras upon completion of proposed work.
6. Remove existing stop line and replace stop line in accordance with SHA Standards.

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
	LOOP DETECTOR(6X30)	
	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

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
(A) INSTALL OPTICOM FOR SB MD 787 REPLACE CROSSWALKS AND STOPLINES 11/00 TIMS# E139 CJS	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(B) Installation of video detection 08/2006 - OT 2007	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
(C) Dec 2008 Install video Detection OT 2007	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 787 (Flower Ave) @ MD 195 (Carroll Ave)

DRAWN BY: H. Killian	F.A.P. NO.		TS NO. 1772 C	SHEET NO.
CHECKED BY: S. Renzi	S.H.A. NO.			
SCALE: 1:20	COUNTY: Montgomery		T.I.M.S. NO. J-654	1 OF 1
DATE: 9/30/83	LOG MILE: 15019501.16			