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

EXISTING SIGNALS

EXISTING SIGNS

17A,17B
Flower Ave
D3-2
12" X Var
Dual Faced

OPTICOM DETECTOR EYE

NEMA PHASING

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

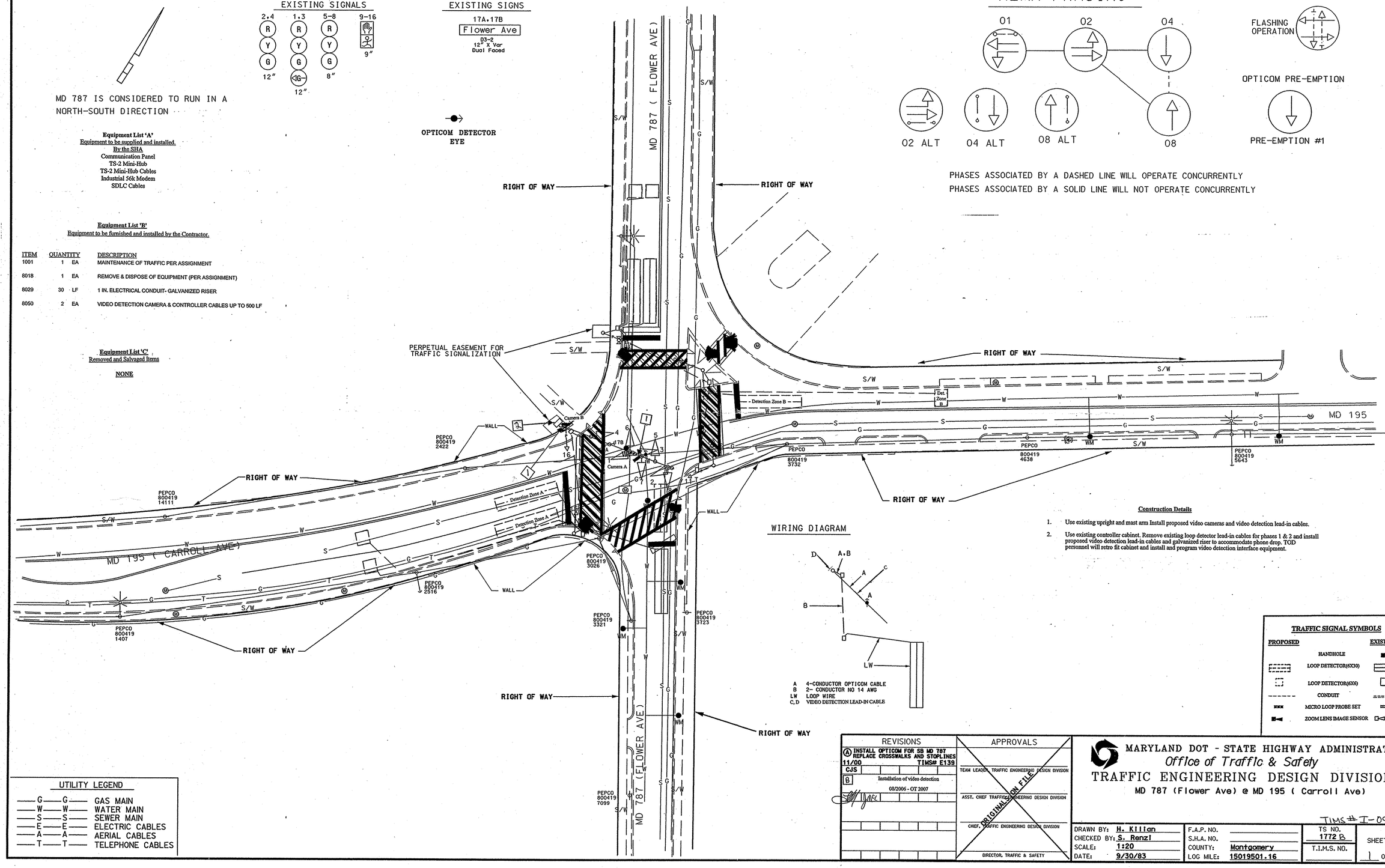
Equipment List 'A'
Equipment to be supplied and installed.
By the SHA
Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables

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

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8029	30	LF	1 IN. ELECTRICAL CONDUIT- GALVANIZED RISER
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
B 2- CONDUCTOR NO 14 AWG
LW LOOP WIRE
C,D VIDEO DETECTION LEAD-IN CABLE

Construction Details

1. Use existing upright and mast arm Install proposed video cameras and video detection lead-in cables.
2. Use existing controller cabinet. Remove existing loop detector lead-in cables for phases 1 & 2 and install proposed video detection lead-in cables and galvanized riser to accommodate phone drop. TOD personnel will retro fit cabinet and install and program video detection interface equipment.

TRAFFIC SIGNAL SYMBOLS

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

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
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
	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)

TIMS # I-091

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