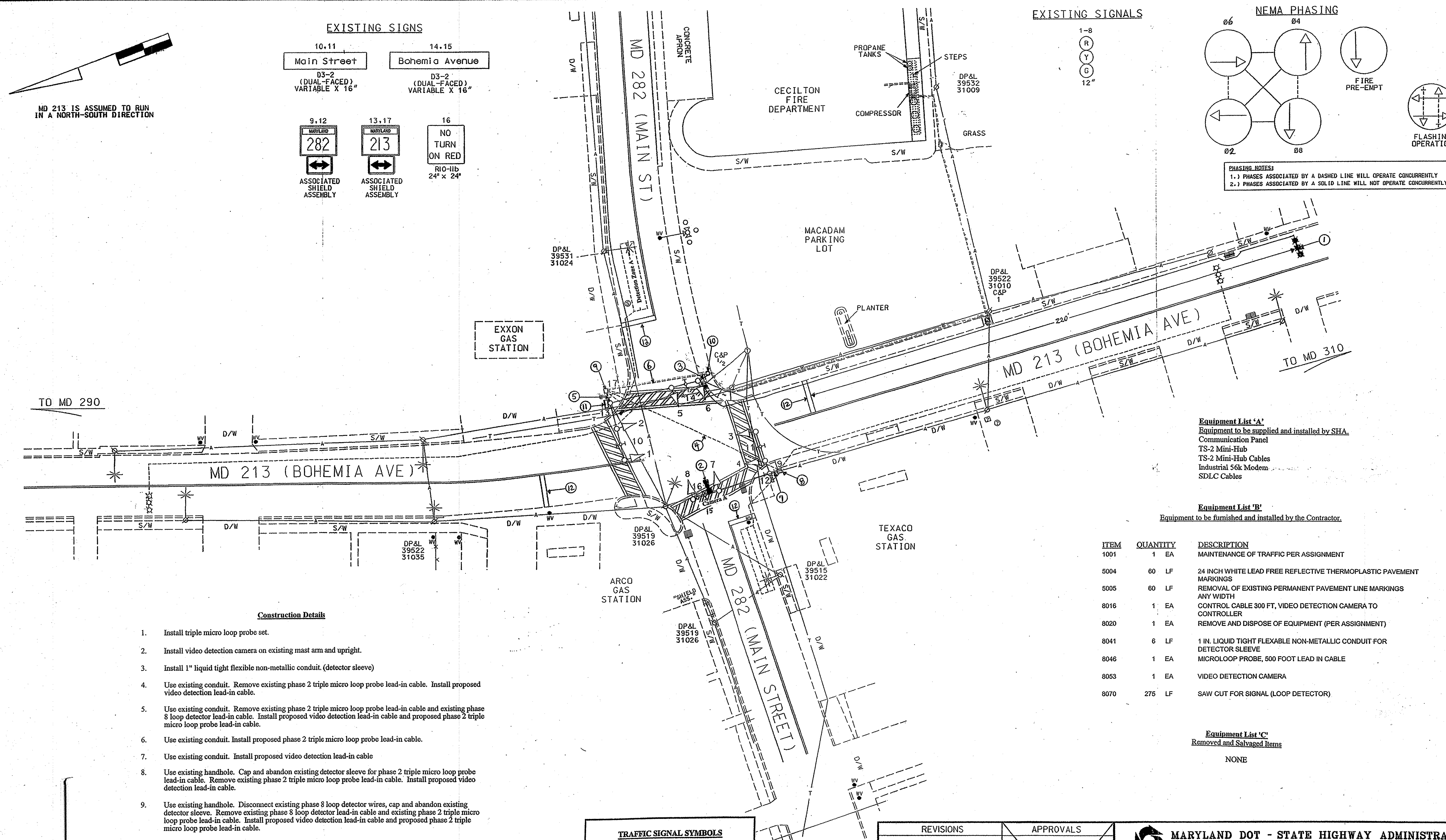

Construction Details

1. Install triple micro loop probe set.
2. Install video detection camera on existing mast arm and upright.
3. Install 1" liquid tight flexible non-metallic conduit. (detector sleeve)
4. Use existing conduit. Remove existing phase 2 triple micro loop probe lead-in cable. Install proposed video detection lead-in cable.
5. Use existing conduit. Remove existing phase 2 triple micro loop probe lead-in cable and existing phase 8 loop detector lead-in cable. Install proposed video detection lead-in cable and proposed phase 2 triple micro loop probe lead-in cable.
6. Use existing conduit. Install proposed phase 2 triple micro loop probe lead-in cable.
7. Use existing conduit. Install proposed video detection lead-in cable
8. Use existing handhole. Cap and abandon existing detector sleeve for phase 2 triple micro loop probe lead-in cable. Remove existing phase 2 triple micro loop probe lead-in cable. Install proposed video detection lead-in cable.
9. Use existing handhole. Disconnect existing phase 8 loop detector wires, cap and abandon existing detector sleeve. Remove existing phase 8 loop detector lead-in cable and existing phase 2 triple micro loop probe lead-in cable. Install proposed video detection lead-in cable and proposed phase 2 triple micro loop probe lead-in cable.
10. Use existing handhole. Install proposed phase 2 triple micro loop probe lead-in cable.
11. Use existing pole mounted controller cabinet. Remove existing phase 8 loop detector lead-in cable and existing phase 2 triple micro loop probe lead-in cable. Install proposed phase 8 video detection lead-in cable and proposed phase 2 triple micro loop probe lead-in cable. Traffic Operations Division personnel to install / program video detection interface equipment and re-tune existing loop detector amplifier upon completion of proposed detection work.
12. Remove existing stop line and replace stop line in accordance with SHA Standards.

Equipment List 'A'
Equipment to be supplied and installed by 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
5004	60	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	60	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8016	1	EA	CONTROL CABLE 300 FT, VIDEO DETECTION CAMERA TO CONTROLLER
8020	1	EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8041	6	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8046	1	EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8053	1	EA	VIDEO DETECTION CAMERA
8070	275	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items

NONE

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—A—	—A—
ELECTRIC	—E—	—E—
TELEPHONE	—T—	—T—
GAS	—G—	—G—
SEWER	—S—	—S—
WATER	—W—	—W—
CABLE TV	—TV—	—TV—

TRAFFIC SIGNAL SYMBOLS

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

REVISION "B"
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
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4418.dgn TASK-88

REVISIONS

Ⓒ Install Video Detection 2/06 OT-2005 TIMS# H-648
Ⓑ 6-13-03
ADD FIREHOUSE PRE-EMPTION
SHA NO.: XX1065185
RRZ
A 7-7-82
ASBUILT
SHA NO.: CE-612-501-285
MR | BJ | DD | EP

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 213 (BOHEMIA AVENUE)
AND
MD 282 (MAIN STREET)

DRAWN BY: L. PARKER
CHECKED BY:
SCALE: 1"= 20'
DATE: 12-27-79
F.A.P. NO.
S.H.A. NO.
COUNTY: CECIL
LOG MILE: 07021303.07
TS NO. 306-C
T.I.M.S. NO. H-648
SHEET NO. 1 OF 1