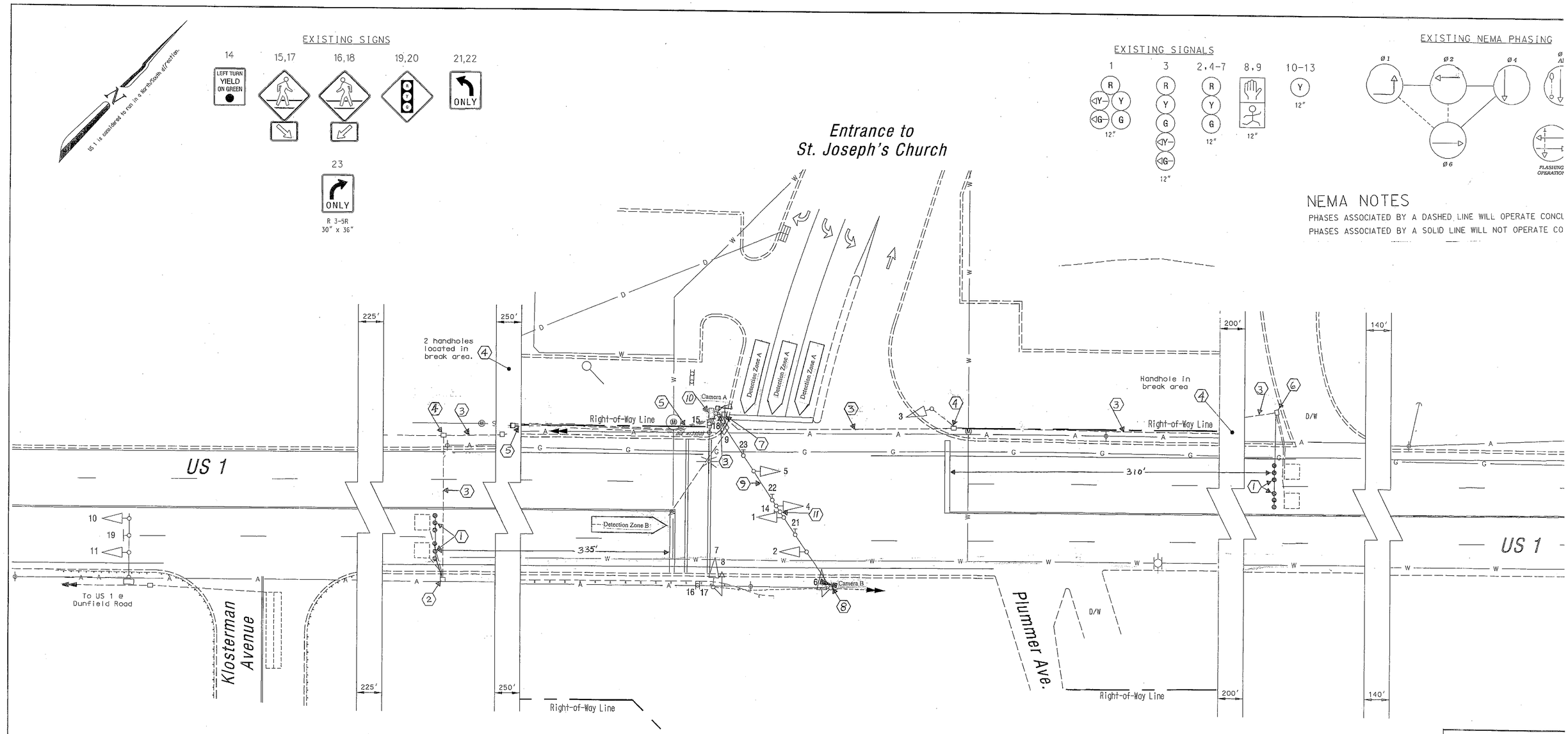

Construction Details

1. Install triple Micro Loop probe set.
2. Use existing handhole. Disconnect and remove existing loop detector lead-in cables and cap detector sleeves. Install proposed detector sleeve and triple micro loop probe lead-in cables.
3. Use existing conduit. Remove existing loop detector lead-in cables and install proposed triple micro loop probe lead-in cables.
4. Use existing handhole. Remove existing loop detector lead-in cables and install proposed triple micro loop probe lead-in cables.
5. Install proposed 3 inch PVC conduit (trenched). Install proposed triple micro loop probe lead-in cables.
6. Rebuild existing handhole. Disconnect and remove existing loop detector lead-in cables and cap detector sleeves. Install proposed detector sleeve and triple micro loop lead-in cables.
7. Rebuild existing handhole. Disconnect existing loop detector lead-in cable and cap detector sleeve. Remove loop detector lead-in cables for phase 1, 2 and 6 and install proposed triple micro loop lead-in cables.
8. Use existing strain pole. Install proposed video detection camera and lead-in cable.
9. Re-ring existing span wire. Install proposed video detection lead-in cable.
10. Use existing strain pole and controller cabinet. Remove existing loop detector lead-in cables for phases 1, 2 and 6. Install proposed triple micro loop probe and video detection lead-in cables. Traffic Operations Division personnel will program video detection and re-tune amplifiers upon completion of proposed work.
11. Remove existing R 10-12 sign.

Equipment List 'A'
Equipment to be supplied and installed By the SHA

"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
8010	1	EA	ADJUST AND RE-RING EXISTING SPAN WIRE (EACH SPAN)
8017	2	EA	REBUILD HANDHOLE- NEW FRAME & COVER
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8035	110	LF	3 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8040	12	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8043	4	EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8063	58	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items

NONE

TRAFFIC SIGNAL SYMBOLS

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

GEOMETRIC LEGEN
EXISTING
PROPOSED

UTILITY LEGEND
G — GAS MA
W — WATER
S — SEWER
E — ELECTR
D — STORM
A — AERIAL
T — TELEPH

REVISIONS	APPROVALS
Sept 2008 Install Video Detection OT 2007 T-450	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
April 30, 2003 "As Built" S.H.A. No.:BW996M82 mmd	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINIST
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVIS
(Traffic Signal Plan)
US 1 at Entrance to St. Joseph's Church

DRAWN BY: Thomas Zaydel	F.A.P. NO. N/A	TS NO.	
CHECKED BY: Dennis Dodo	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: Baltimore	T.I.M.S. NO. T-450	
DATE: September 1, 1983	LOG MILE:		