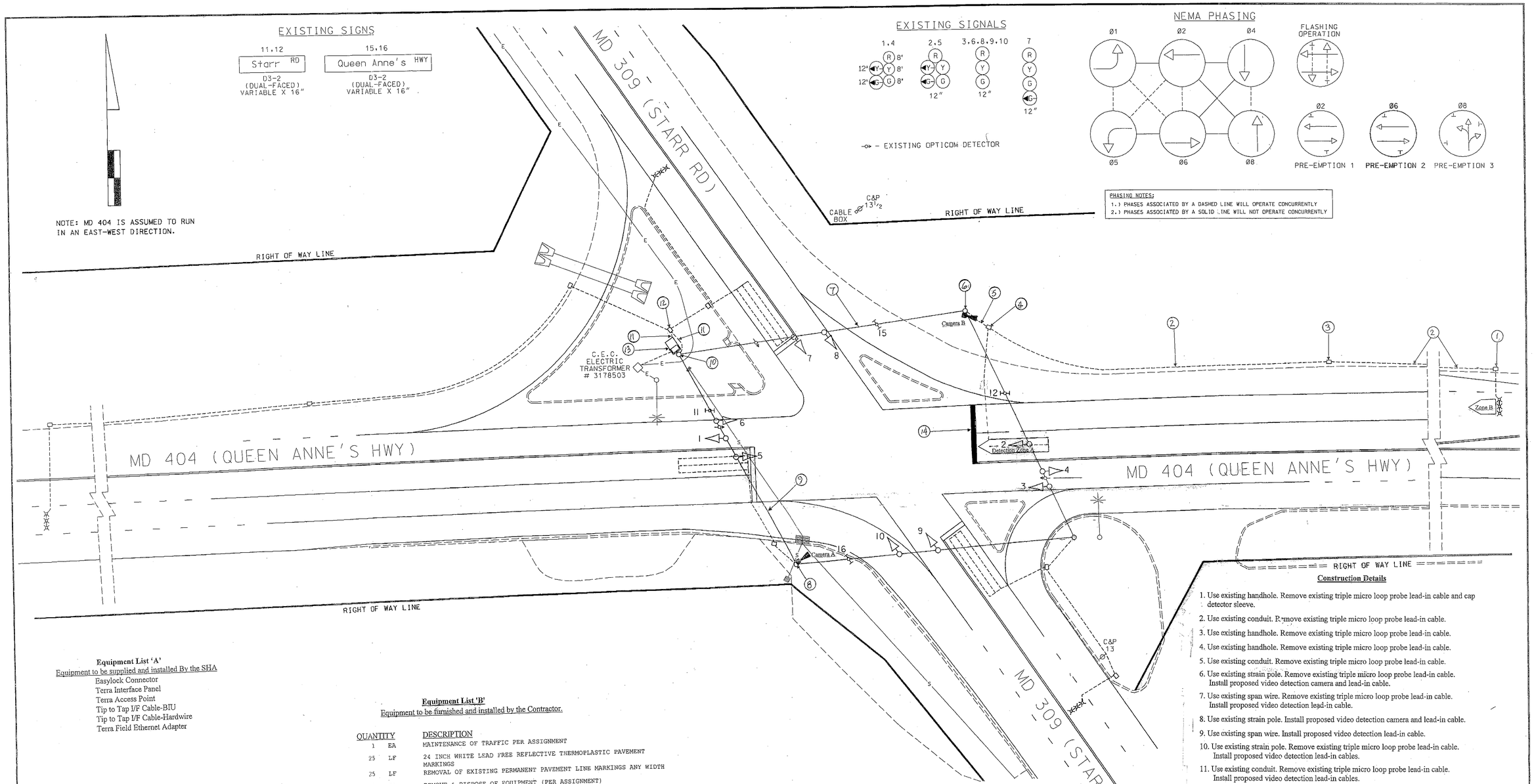

Equipment List 'A'

Equipment to be supplied and installed By the SHA

- Easylock Connector
- Terra Interface Panel
- Terra Access Point
- Tip to Tap I/F Cable-BIU
- Tip to Tap I/F Cable-Hardwire
- Terra Field Ethernet Adapter

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

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

Equipment List 'C'

Removed and Salvaged Items

NONE

Construction Details

1. Use existing handhole. Remove existing triple micro loop probe lead-in cable and cap detector sleeve.
2. Use existing conduit. Remove existing triple micro loop probe lead-in cable.
3. Use existing handhole. Remove existing triple micro loop probe lead-in cable.
4. Use existing handhole. Remove existing triple micro loop probe lead-in cable.
5. Use existing conduit. Remove existing triple micro loop probe lead-in cable.
6. Use existing strain pole. Remove existing triple micro loop probe lead-in cable. Install proposed video detection camera and lead-in cable.
7. Use existing span wire. Remove existing triple micro loop probe lead-in cable. Install proposed video detection lead-in cable.
8. Use existing strain pole. Install proposed video detection camera and lead-in cable.
9. Use existing span wire. Install proposed video detection lead-in cable.
10. Use existing strain pole. Remove existing triple micro loop probe lead-in cable. Install proposed video detection lead-in cables.
11. Use existing conduit. Remove existing triple micro loop probe lead-in cable. Install proposed video detection lead-in cables.
12. Use existing handhole. Remove existing triple micro loop probe lead-in cable. Install proposed video detection lead-in cables.
13. Use existing controller cabinet. Remove existing loop detector and triple micro loop probe lead-in cable for phase 2 . Install proposed video detection lead-in cables. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.
14. Remove existing stop line and replace stop line in accordance with SHA Standards.

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	

REVISIONS

G March 2009
Install Video Detection
3 Bid 23861T25001

F April 2008
Replace Failed Detection
3 Bid 23854T17013

E 10-31-03
INSTALL OPTICOM FOR E.B. MD.404
SHA #:XX06585

JWA

D 11/02 INSTALLING LEFT TURN LANES ALONG E/B AND W/B MD 404
SHA NO.: QA237S130

JWA

C AND SIGNALS AND STROBES TO MD 404. HAZARD IDENTIFICATION BEACON WITH SIGNAL HEAD OF MD 309 ON MD 404 AND A PORTABLE VARIABLE MESSAGE SIGN PAD AT CEMETARY RD AND MD 404. 1/1997

SR

B 04/95 - ADDED OPTICOM TO N/B MD 309 AND W/B MD 404.
SHA#

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 404 AND MD 309

DRAWN BY: S. KONKA (STS)	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: D.DODA	S.H.A. NO.	T.L.M.S. NO. S-818	1 OF 2
SCALE: 1" = 20'	COUNTY: QUEEN ANNE'S		
DATE: 1-28-1998	LOG MILE: 17040400.48		