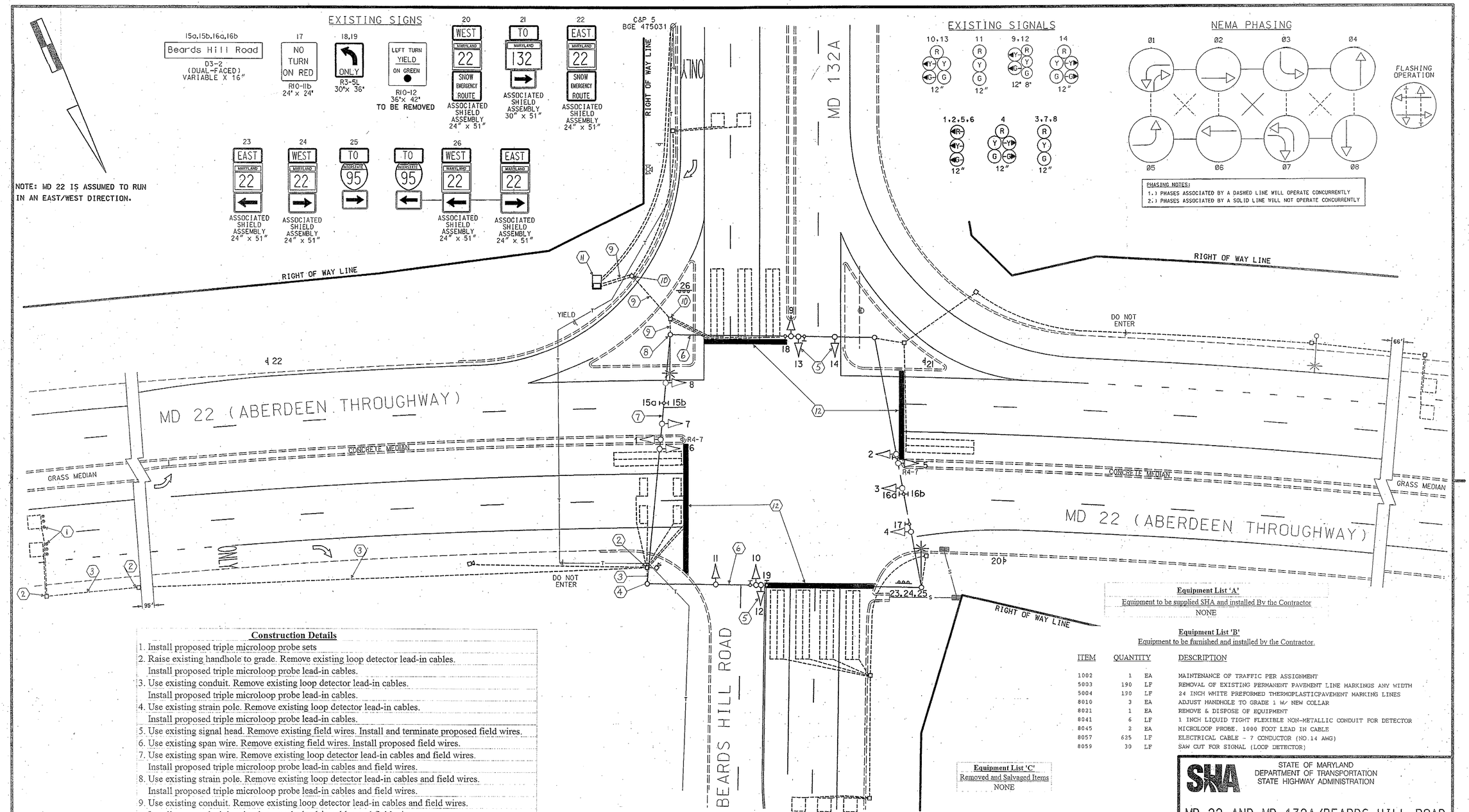

Construction Details

1. Install proposed triple microloop probe sets
2. Raise existing handhole to grade. Remove existing loop detector lead-in cables. Install proposed triple microloop probe lead-in cables.
3. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed triple microloop probe lead-in cables.
4. Use existing strain pole. Remove existing loop detector lead-in cables. Install proposed triple microloop probe lead-in cables.
5. Use existing signal head. Remove existing field wires. Install and terminate proposed field wires.
6. Use existing span wire. Remove existing field wires. Install proposed field wires.
7. Use existing span wire. Remove existing loop detector lead-in cables and field wires. Install proposed triple microloop probe lead-in cables and field wires.
8. Use existing strain pole. Remove existing loop detector lead-in cables and field wires. Install proposed triple microloop probe lead-in cables and field wires.
9. Use existing conduit. Remove existing loop detector lead-in cables and field wires. Install proposed triple microloop probe lead-in cables and field wires.
10. Use existing handhole. Remove existing loop detector lead-in cables and field wires. Install proposed triple microloop probe lead-in cables and field wires.
11. Use existing controller cabinet. Remove existing field wires for phases 4 and 7 and loop detector lead-in cables for phase 2. Install proposed field wires and triple microloop probe lead-in cables. Traffic Operations Division personnel will re-tune amplifiers upon completion of proposed work.
12. Remove existing stop lines and replace to 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	▭▭▭

REVISION "0"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.N.W.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

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APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OPTICE DIRECTOR

ORIGINAL SIGNED

REVISIONS

(H) June 2012
Replace Failed Detection
OT 2010, SHA# 23855T25110 TIMS: L571
(G) 02-28-01
CHANGE E/P TO EXCLUSIVE LEFT TURN ON MD 22 APPROACHES
SIGNAL SHOP PROGRESS
JWA
F 2-12-02 ASSBUILT FOR RED LIGHT CAMERA INSTALLATION
RRZ
E RED LIGHT CAMERA WB MD 22

Equipment List 'A'

Equipment to be supplied SHA and installed By the Contractor

NONE

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	190	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
5004	190	LF	24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
8010	3	EA	ADJUST HANDHOLE TO GRADE 1 w/ NEW COLLAR
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT
8041	6	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR
8045	2	EA	MICROLOOP PROBE. 1000 FOOT LEAD IN CABLE
8057	625	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO.14 AWG)
8059	30	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'

Removed and Salvaged Items

NONE

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 22 AND MD 132A/BEARDS HILL ROAD

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE _____ CONTRACT NO. BW313M83

DESIGNED BY _____ COUNTY HARFORD
DRAWN BY ALAN HOFFMAN ASH LOGMILE 12002210.30
CHECKED BY E.M.M. TIMS NO. L-571
F.A.P. NO. _____ TOD NO. _____

TS NO. 110 | DRAWING NO. 1 OF | SHEET NO. 1 OF 1

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