EXISTING SIGNALS & SIGNS

1,2,5,6 3,4,7-10,13,14 11,12,15,16

17a 18a

17b 18b

PROPOSED SIGNALS

17

OPTICOM EYE

NEMA PHASING

FLASHING OPERATION

FIREHOUSE PRE-EMPTION PHASE #4

CONSTRUCTION DETAILS

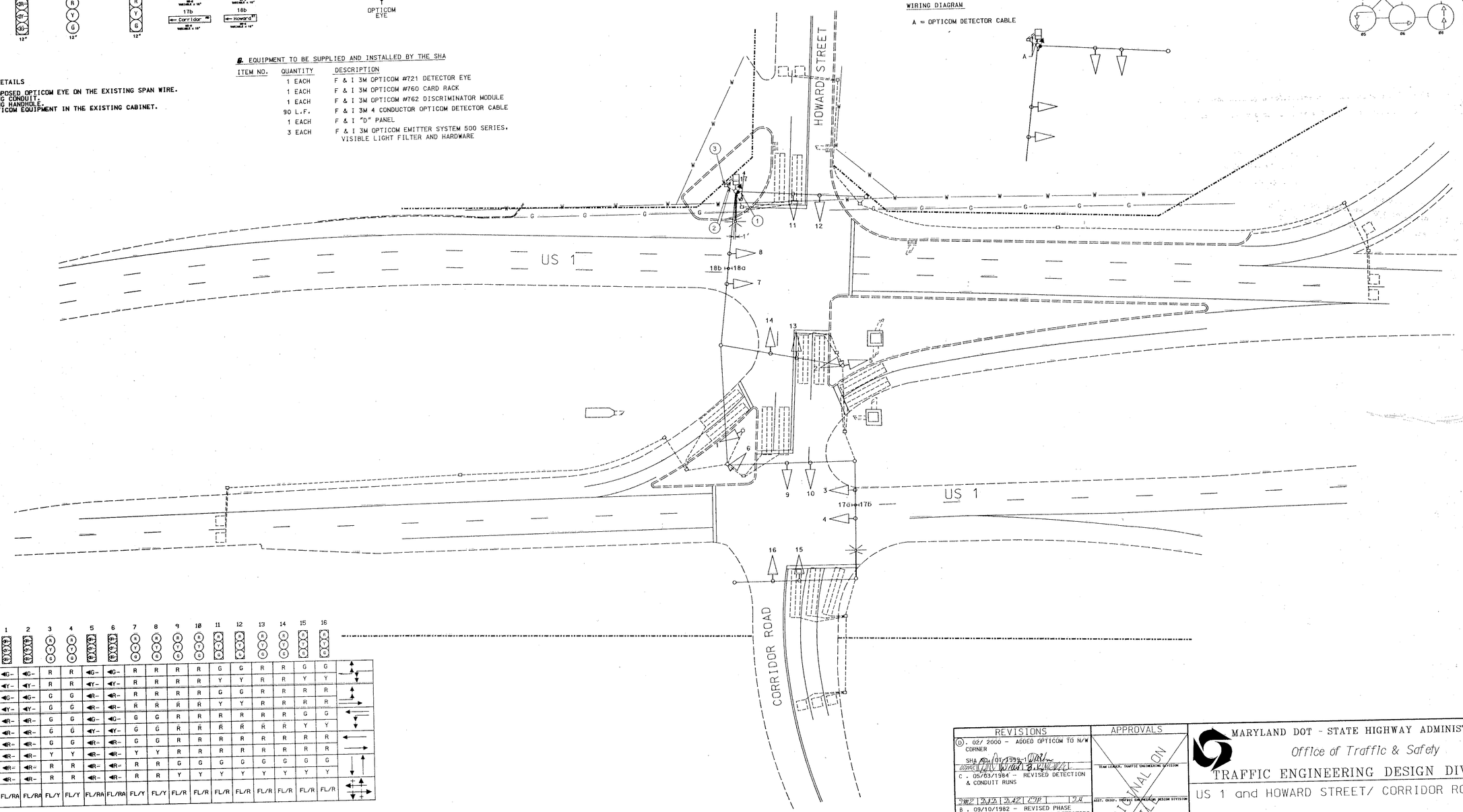
1. INSTALL PROPOSED OPTICOM EYE ON THE EXISTING SPAN WIRE.
2. USE EXISTING CONDUIT.
3. USE EXISTING HANDHOLE.
4. INSTALL OPTICOM EQUIPMENT IN THE EXISTING CABINET.

B. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
	1 EACH	F & I 3M OPTICOM #721 DETECTOR EYE
	1 EACH	F & I 3M OPTICOM #760 CARD RACK
	1 EACH	F & I 3M OPTICOM #762 DISCRIMINATOR MODULE
	90 L.F.	F & I 3M 4 CONDUCTOR OPTICOM DETECTOR CABLE
	1 EACH	F & I "D" PANEL
	3 EACH	F & I 3M OPTICOM EMITTER SYSTEM 500 SERIES, VISIBLE LIGHT FILTER AND HARDWARE

WIRING DIAGRAM

A = OPTICOM DETECTOR CABLE



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1 & 5	G	G	R	R	G	G	R	R	R	R	G	G	R	R	G	G
1 & 5 CHANGE	Y	Y	R	R	Y	Y	R	R	R	R	Y	Y	R	R	Y	Y
PHASE 1 & 6	G	G	G	G	R	R	R	R	R	R	G	G	R	R	R	R
1 CHANGE	Y	Y	G	G	R	R	R	R	R	R	Y	Y	R	R	R	R
PHASE 2 & 5	R	R	G	G	G	G	G	G	R	R	R	R	R	R	G	G
5 CHANGE	R	R	G	G	Y	Y	G	G	R	R	R	R	R	R	Y	Y
PHASE 2 & 6	R	R	G	G	R	R	G	G	R	R	R	R	R	R	R	R
2 & 6 CHANGE	R	R	Y	Y	R	R	Y	Y	R	R	R	R	R	R	R	R
PHASE 4 & 8	R	R	R	R	R	R	R	R	G	G	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

FIRE HOUSE PRE-EMPTION

FIREHOUSE PRE-EMPTION PHASE 4	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G
PRE-EMPTION CLEARANCE	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y
PHASE 2 & 6 NORMAL OPERATION	R	R	G	G	R	R	G	G	R	R	R	R	R	R	R	R

REVISIONS

D. 02/2000 - ADDED OPTICOM TO N/W CORNER

SHA KO 01/1999-1 DAL

C. 05/03/1984 - REVISED DETECTION & CONDUIT RUNS

B. 09/10/1982 - REVISED PHASE SEQUENCE; ADDED TWO LOOP DETECTORS

SHA NO. XX1005785

A 6/23/1982 - RELOCATE SIGNAL EQUIPMENT DUE TO TEMPORARY DETOUR

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING 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

US 1 and HOWARD STREET/ CORRIDOR ROAD

DRAWN BY: J. GORDON

CHECKED BY:

SCALE: 1" = 30'

DATE: 9-15-83

F.A.P. NO.

S.H.A. NO. HO-292-033-770

COUNTY: HOWARD

LOG MILE: 13000102.60

TS NO. TS-1685 D

T.I.M.S. NO. 0732

SHEET NO. 1 OF 2

G:\BILL\DRAFTE\TFDWG.DGN FRI, 10/20/2 12:26:26