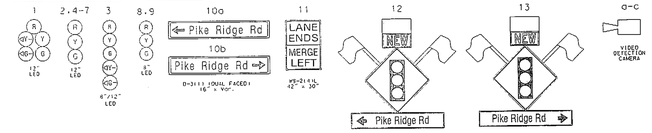
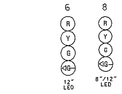
MD 214 IS CONSIDERED TO RUN IN A EAST-WEST DIRECTION.

EXISTING SIGNALS & SIGNS



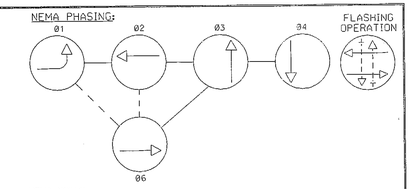
PROPOSED SIGNALS



CONSTRUCTION DETAILS

A. INSTALL THE PROPOSED SIGNAL HEAD.
REMOVE THE EXISTING SIGNAL HEAD.
B. MODIFY THE EXISTING CONTROLLER'S PHASING TO PUT IN A SIDE STREET SPLIT.

NEMA PHASING:



NEMA NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EQUIPMENT LIST:

A. EQUIPMENT FURNISHED BY THE SHA

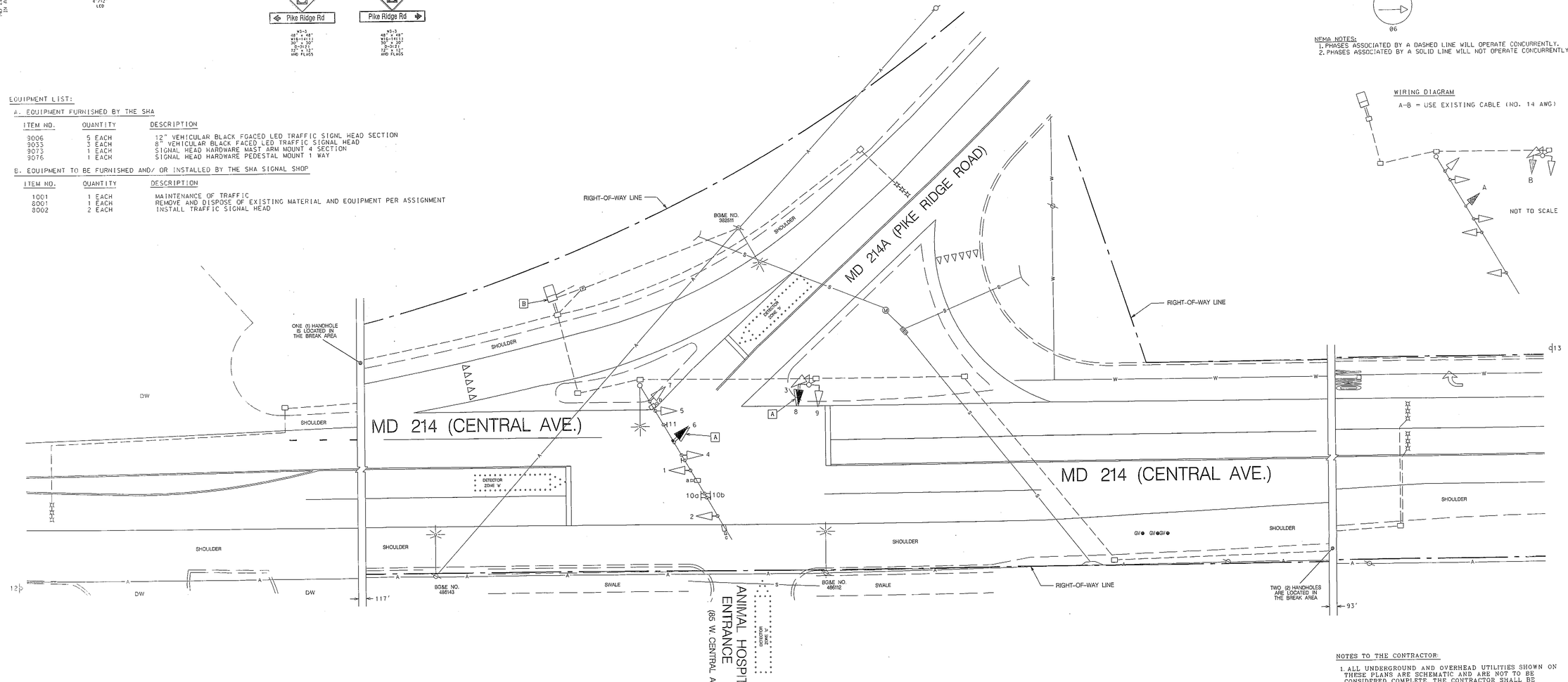
ITEM NO.	QUANTITY	DESCRIPTION
9006	5 EACH	12" VEHICULAR BLACK FGACED LED TRAFFIC SIGNL HEAD SECTION
9033	3 EACH	8" VEHICULAR BLACK FACED LED TRAFFIC SIGNAL HEAD
9073	1 EACH	SIGNAL HEAD HARDWARE MAST ARM MOUNT 4 SECTION
9076	1 EACH	SIGNAL HEAD HARDWARE PEDESTAL MOUNT 1 WAY

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE SHA SIGNAL SHOP

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8002	2 EACH	INSTALL TRAFFIC SIGNAL HEAD

WIRING DIAGRAM

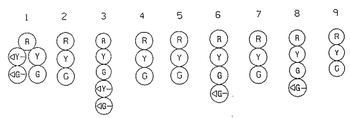
A-B = USE EXISTING CABLE (NO. 14 AWG)



NOTES TO THE CONTRACTOR:

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
2. ALL UNUSED CABLES SHALL BE REMOVED FROM THE EXISTING CONDUITS.

PHASE CHART



	1	2	3	4	5	6	7	8	9
PHASE 1 & 6	◀G- G	G	◀G- G	G	G	R	R	R	R
1 CHANGE	◀Y- G	G	◀Y- G	G	G	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R
PHASE 3	R	R	R	R	R	R	R	◀G- G	G
3 CHANGE	R	R	R	R	R	R	R	Y	Y
PHASE 4	R	R	R	R	R	◀G- G	G	R	R
4 CHANGE	R	R	R	R	R	Y	Y	R	R
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
D	STORM DRAIN
TV	CABLE TV

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER- TRAFFIC
PHONE: (410) 841-1003

MR. JOHN S. MAYS
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841-1013

MR. MIKE HUBER
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (410) 841-1039

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

(C) 11/19/2009 - SPLIT THE SIDE STREET: MD 214A (PIKE RIDGE RD.) & THE ANIMAL HOSPITAL ENTRANCE
SHA NO. 97-SIGNAL; TIMS NO. J719
(B) 09/21/2005 - REPLACE DETECTION DUE TO MILLING AND OVERLAY
SHA NO. BW996M82; TIMS NO. 1087
(A) 11/01/2005 - INSTALL ADDITIONAL SIGNAL HEADS & VIDEO DETECTION FOR THE ANIMAL HOSPITAL ENTRANCE
SHA NO. 97-SIGNAL; TIMS NO. 0993

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 214 (CENTRAL AVENUE) AND MD 214A (PIKE RIDGE ROAD)/ ANIMAL HOSPITAL ENTRANCE EDGEWATER, MARYLAND

SCALE 1"= 20' DATE 10/27/2005 CONTRACT NO. BW996M82

DESIGNED BY: J. Brooks of the Traffic Group
DRAWN BY: J. Brooks of the Traffic Group
CHECKED BY: J. Dinsdale of the Traffic Group
F.A.P. NO.:
COUNTY: ANNE ARUNDEL
LOGMILE: 02021405.64
TIMS NO.: J719
TOD NO.:

DRAWING NO. 4413 C - OF | SHEET NO. 1 OF 1