PROPOSED SIGNALS

12"

R Y G

1, 2, 3, 4, 5, 6, 7

EXISTING SIGNALS TO BE REMOVED

12"

R Y G

1A, 2A, 5A,

EXISTING SIGN TO REMAIN

North MARYLAND 210

15

EXISTING SIGN TO BE RELOCATED

SOUTH MARYLAND 210

16

VIDEO TRAFFIC DETECTION CAMERA

A

NEMA PHASING

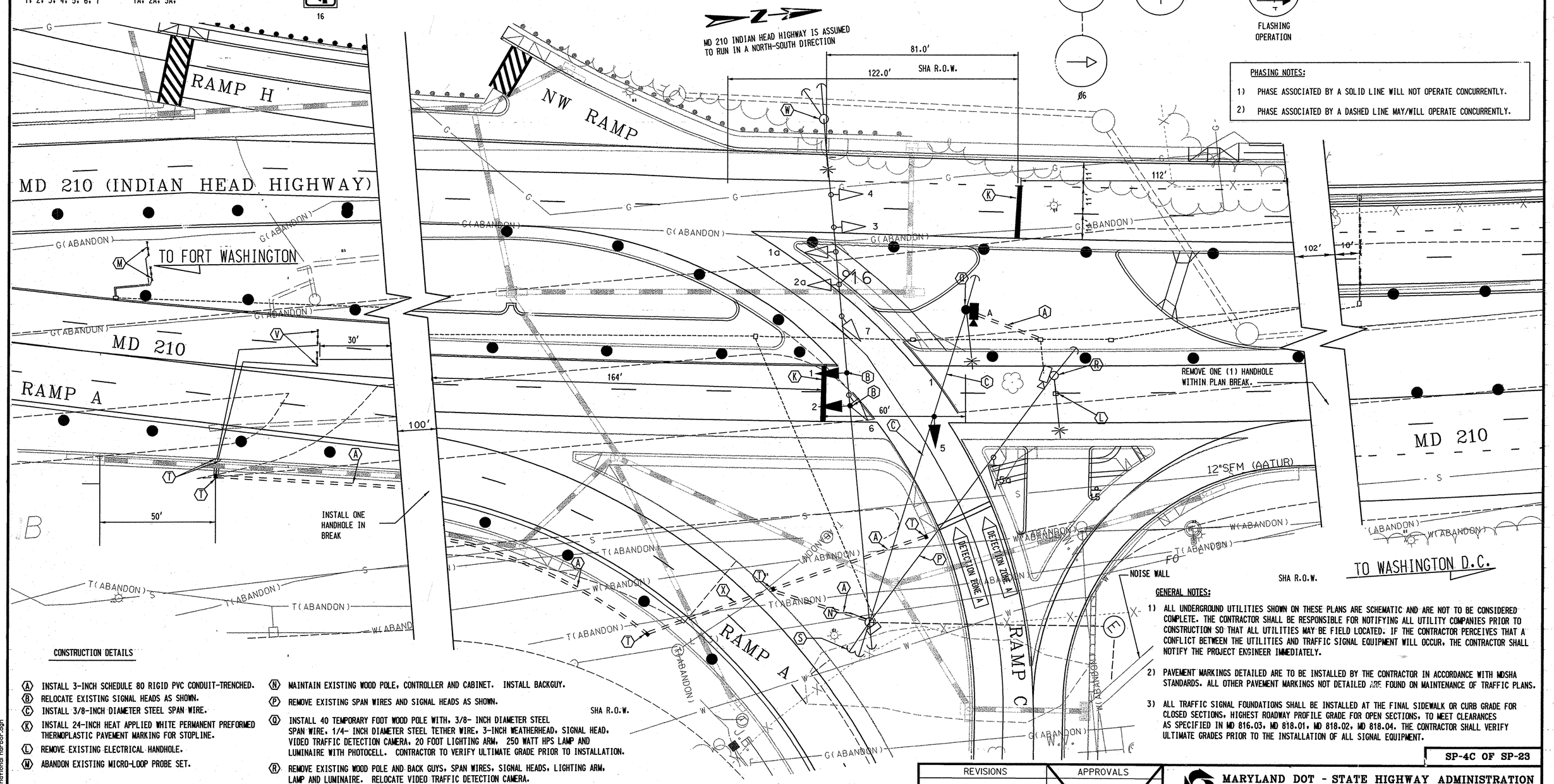
Ø2 Ø4 Ø6

FLASHING OPERATION

PHASING NOTES:

1) PHASE ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2) PHASE ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

(A) INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED.

(B) RELOCATE EXISTING SIGNAL HEADS AS SHOWN.

(C) INSTALL 3/8-INCH DIAMETER STEEL SPAN WIRE.

(K) INSTALL 24-INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOPLINE.

(L) REMOVE EXISTING ELECTRICAL HANDHOLE.

(M) ABANDON EXISTING MICRO-LOOP PROBE SET.

(N) MAINTAIN EXISTING WOOD POLE, CONTROLLER AND CABINET. INSTALL BACKGUY.

(P) REMOVE EXISTING SPAN WIRES AND SIGNAL HEADS AS SHOWN.

(Q) INSTALL 40 TEMPORARY FOOT WOOD POLE WITH, 3/8- INCH DIAMETER STEEL SPAN WIRE, 1/4- INCH DIAMETER STEEL TETHER WIRE, 3-INCH WEATHERHEAD, SIGNAL HEAD, VIDEO TRAFFIC DETECTION CAMERA, 20 FOOT LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE WITH PHOTOCELL. CONTRACTOR TO VERIFY ULTIMATE GRADE PRIOR TO INSTALLATION.

(R) REMOVE EXISTING WOOD POLE AND BACK GUYS, SPAN WIRES, SIGNAL HEADS, LIGHTING ARM, LAMP AND LUMINAIRE. RELOCATE VIDEO TRAFFIC DETECTION CAMERA.

(S) REMOVE EXISTING BACKGUY.

(T) INSTALL ELECTRICAL HANDHOLE

(U) INSTALL 1-INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE.

(V) INSTALL MICROLOOP PROBE SET.

(W) MAINTAIN EXISTING WOOD POLE AND BACK GUY.

(X) INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES
—L(3)—L(3)—	LEVEL 3 FO CABLES
—FO—FO—	FIBER OPTIC CABLES

GENERAL NOTES:

1) ALL UNDERGROUND 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 FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.

2) PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MDSHA STANDARDS. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE FOUND ON MAINTENANCE OF TRAFFIC PLANS.

3) ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

SP-4C OF SP-23

REVISIONS

GREEN LINE NO. I
JUNE 29, 2007

KCI

III REDLINE NO. II
APRIL 9, 2007
NEW SHEET

AMH

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL SIGNATURE

KCI TECHNOLOGIES

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-3888
(410) 316-7800

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TEMPORARY TRAFFIC SIGNAL PLAN (STAGE IVE)

MD 210 INDIAN HEAD HIGHWAY AT SB I-95/I-495 OFF RAMP (RAMP C)

DRAWN BY:	M. PIERRE	F.A.P. NO.	SEE TITLE SHEET	TS NO. 4373-P4	SHEET NO.
CHECKED BY:	J. LAWRENCE	S.H.A. NO.	PG5075173		
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. E149	284C OF 402
DATE:	12-7-04	LOG MILE:	16021013.33		

PLOTTED: "11:19 AM on Wednesday, June 27, 2007"
BY: Aaron Hortenstein Division: Transportation
FILE: m:\1998\0598\45-Q\DOP\temp035x national harbor.dgn