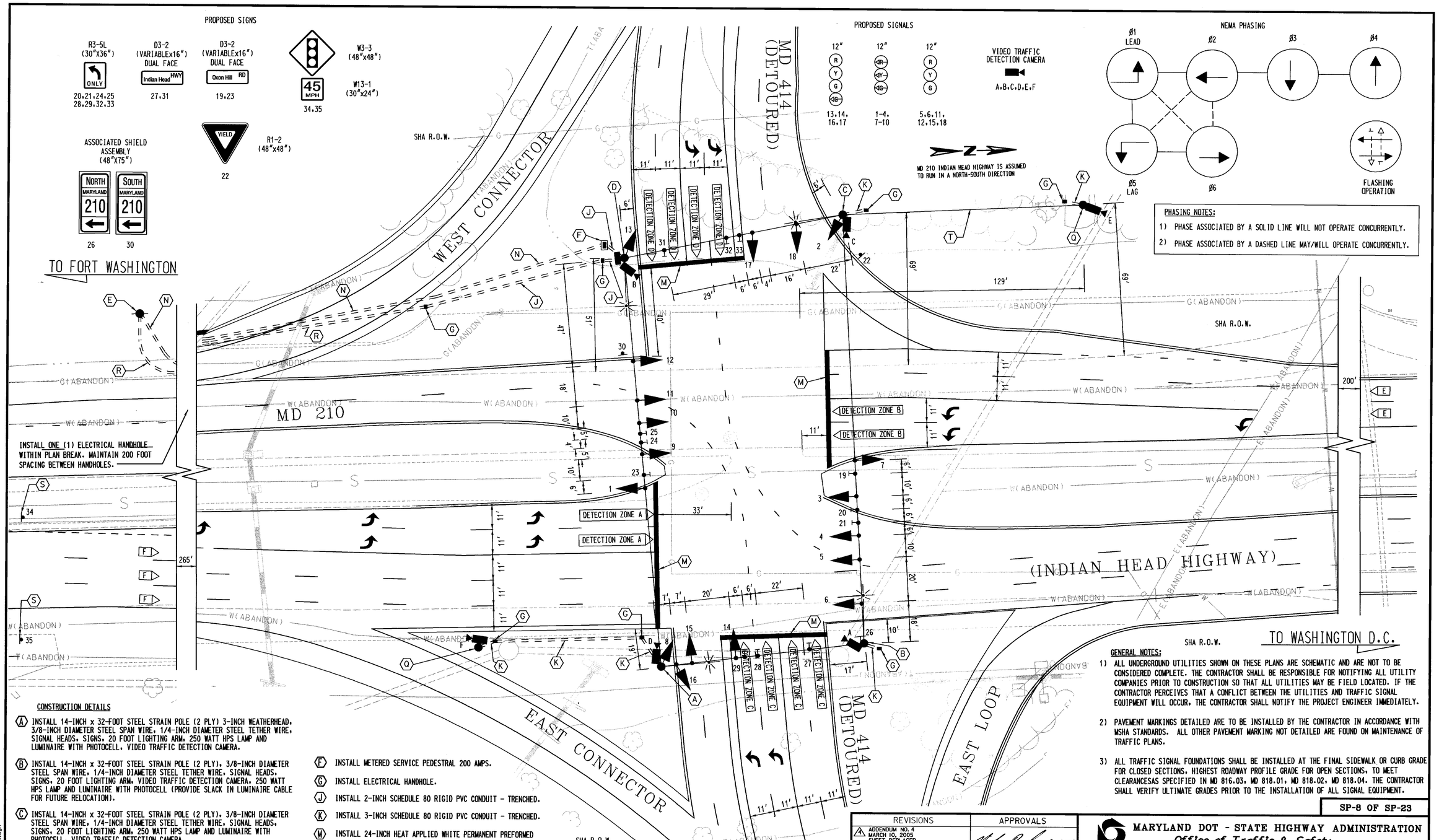

CONSTRUCTION DETAILS

(A) INSTALL 14-INCH x 32-FOOT STEEL STRAIN POLE (2 PLY) 3-INCH WEATHERHEAD, 3/8-INCH DIAMETER STEEL SPAN WIRE, 1/4-INCH DIAMETER STEEL TETHER WIRE, SIGNAL HEADS, SIGNS, 20 FOOT LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE WITH PHOTOCELL, VIDEO TRAFFIC DETECTION CAMERA.

(B) INSTALL 14-INCH x 32-FOOT STEEL STRAIN POLE (2 PLY), 3/8-INCH DIAMETER STEEL SPAN WIRE, 1/4-INCH DIAMETER STEEL TETHER WIRE, SIGNAL HEADS, SIGNS, 20 FOOT LIGHTING ARM, VIDEO TRAFFIC DETECTION CAMERA, 250 WATT HPS LAMP AND LUMINAIRE WITH PHOTOCELL (PROVIDE SLACK IN LUMINAIRE CABLE FOR FUTURE RELOCATION).

(C) INSTALL 14-INCH x 32-FOOT STEEL STRAIN POLE (2 PLY), 3/8-INCH DIAMETER STEEL SPAN WIRE, 1/4-INCH DIAMETER STEEL TETHER WIRE, SIGNAL HEADS, SIGNS, 20 FOOT LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE WITH PHOTOCELL, VIDEO TRAFFIC DETECTION CAMERA.

(D) INSTALL 14-INCH x 32-FOOT STEEL STRAIN POLE (2 PLY), EIGHT PHASE (FULLY ACTUATED) CONTROLLER AND CABINET-POLE MOUNT, 3/8-INCH DIAMETER STEEL SPAN WIRE, 1/4-INCH DIAMETER STEEL TETHER WIRE, 3-INCH WEATHERHEAD, VIDEO DETECTION CAMERA, SIGNAL HEADS, SIGNS, 20 FOOT LIGHTING ARM, 250 FOOT WATT HPS LAMP AND LUMINAIRE WITH PHOTOCELL.

(E) PEPCO POLE 800351-2169. INSTALL 4-INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT (RISER) TO 10 FEET FOR PROPOSED POWER SERVICE FEED. COIL AN ADDITIONAL 30 FEET AT TOP OF THE 10 FOOT CONDUIT STUB. INSTALL 2-INCH SCHEDULE 80 ELECTRICAL CONDUIT (RISER) TO 10 FEET FOR TELEPHONE SERVICE.

(F) INSTALL METERED SERVICE PEDESTRAL 200 AMPS.

(G) INSTALL ELECTRICAL HANDHOLE.

(J) INSTALL 2-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

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

(M) INSTALL 24-INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP BAR.

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

(Q) INSTALL 30-FOOT LIGHTING POLE, WITH VIDEO TRAFFIC DETECTION CAMERA.

(R) INSTALL 2-INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED.

(S) INSTALL GROUND MOUNTED SIGN.

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

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 MSHA STANDARDS. ALL OTHER PAVEMENT MARKING 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 CLEARANCESAS 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-8 OF SP-23

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

KCI TECHNOLOGIES

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

REVISIONS

4	ADDENDUM NO. 4 MARCH 10, 2005 SHEET REPLACED					
MP						gal

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 2/17/05

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY 2/15/05

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TEMPORARY TRAFFIC SIGNAL PLAN (STAGE III)
MD 210 INDIAN HEAD HIGHWAY AT MD 414 OXON HILL ROAD (DETOURED)

DRAWN BY:	M. PIERRE	F.A.P. NO.	SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY:	J. LAWRENCE	S.H.A. NO.	PG5075173	6TH-P3	288 OF 402
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	
DATE:	12-7-04	LOG MILE:	16021012.95	E149	

PLOTTED: 1:08:42 AM on Monday, February 14, 2005
BY: M. Pierre, Maryland State Highway Administration
FILE: m:\1999\0198145\210cpprtemp0ni.dgn