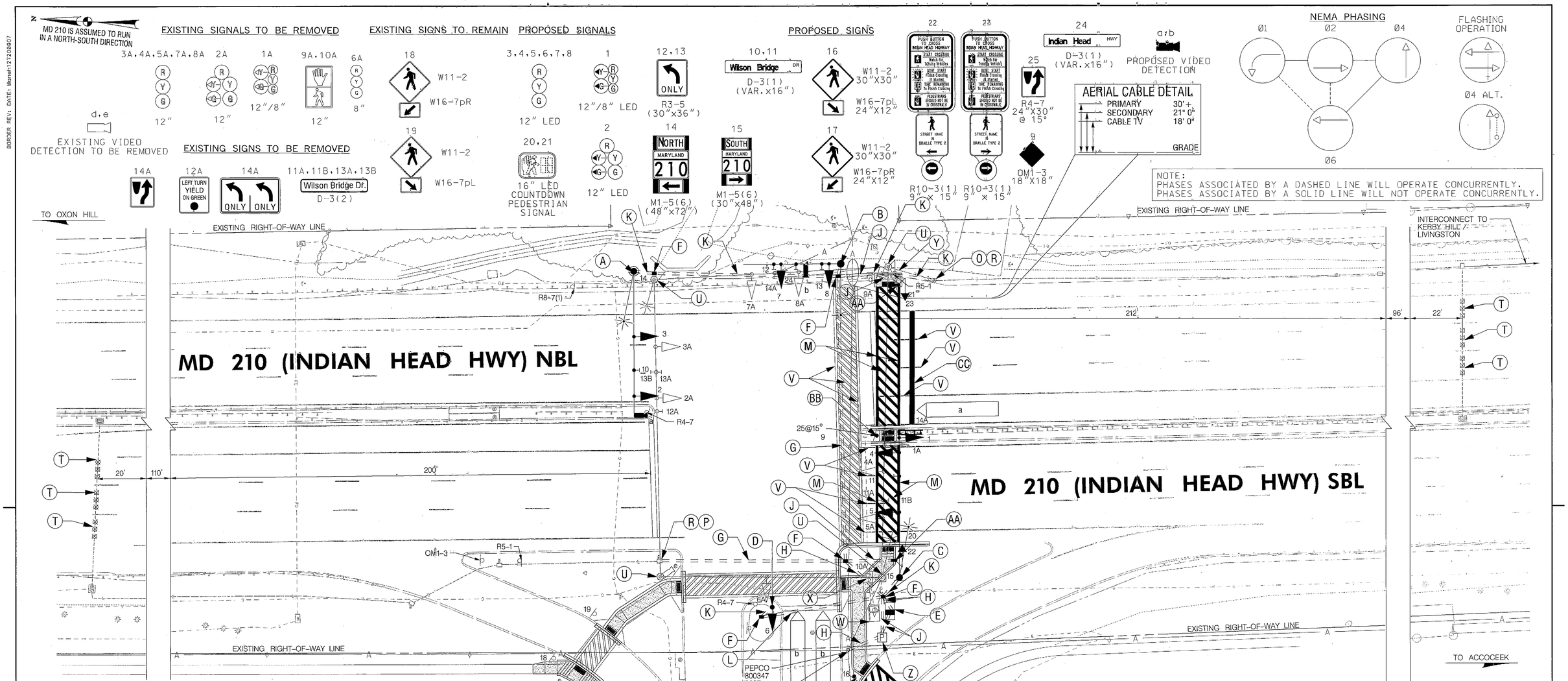

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT "SPECIAL T (T AT 21 FEET)" SIGNAL POLE, 60 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA, SIGNS, AND 20-FOOT LIGHTING ARM WITH LED LUMINAIRE, (1-3" CONDUIT BEND).
B. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT "SPECIAL T (T AT 19 FEET)" SIGNAL POLE, 60 FOOT MAST ARM (CUT TO 40 FEET), TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA, 20-FOOT LIGHTING ARM WITH LED LUMINAIRE AND SIGNS, (1-3" CONDUIT BEND).
C. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT SIGNAL POLE, 60 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, AND 20-FOOT LIGHTING ARM WITH LED LUMINAIRE, (1-3" CONDUIT BEND).
D. INSTALL CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE AND A TRAFFIC SIGNAL HEAD, (1-3" CONDUIT BEND).
E. INSTALL NEMA SIZE "S" BASE MOUNTED CABINET WITH UNINTERRUPTABLE POWER SUPPLY, BATTERY PACK AND CONTROLLER, (2-4" AND 2-2" CONDUIT BENDS).
F. INSTALL ELECTRICAL HANDHOLE.
G. FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
H. FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
J. FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
K. FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
L. FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
M. INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
N. INSTALL GROUND MOUNTED SIGN ON ONE 4"X6" BREAKAWAY WOOD POST.
O. PULL BACK EXISTING INTERCONNECT CABLE AND EXISTING MICROLOOP PROBES CABLE AND REROUTE.
P. PULL BACK EXISTING MICROLOOP PROBES CABLE AND REROUTE.
R. USE EXISTING HANDHOLE.
S. STUB OUT 4 INCH SCHEDULE 80 RIGID PVC CONDUIT 1 FOOT ABOVE GROUND AT BASE OF POLE NO. 800347-2627.
T. MAINTAIN EXISTING NON-INVASIVE MICROLOOP PROBES.
U. REMOVE EXISTING TRAFFIC SIGNAL STRAIN POLE.
V. REMOVE EXISTING PAVEMENT MARKINGS.
W. REMOVE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET.
X. REMOVE EXISTING HANDHOLE.

CONSTRUCTION DETAILS CONT.

Y. CAP AND ABANDON EXISTING CONDUIT.
Z. INSTALL EMBEDDED METERED SERVICE PEDESTAL.
AA. INSTALL AN 18"X36" CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE, 16-INCH COUNTDOWN LED PEDESTRIAN SIGNAL, APS PUSHBUTTON AND SIGN (1-2 INCH CONDUIT BEND) (STANDARD NO. MD 801.01-01).
BB. INSTALL GROUND MOUNTED SIGN ON A 4"X4" WOOD POST.
CC. INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

KCI TECHNOLOGIES
ENGINEERS
PLANNERS
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APPROVALS: TEAM LEADER; ASST. DIV. CHIEF; DIVISION CHIEF; ORIGINAL ON FILE; ACTING OFFICE DIRECTOR

REVISIONS

B	TRAFFIC SIGNAL RECONSTRUCTION TIMS NO. LB03 SHA NO. XY151585	05-2013	
KCI			
A	REPLACE ALL DETECTION WITH VIDEO DETECTION AND NON-INVASIVE PROBES, TIMS NO. J398, SHA NO. AX1405185	OCTOBER 2008	
CJS			

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 210 (INDIAN HEAD HIGHWAY) AT
WILSON BRIDGE DRIVE
OXON HILL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 10-16-90 CONTRACT NO. P-920-501-377

DESIGNED BY	RR ZACHERL	COUNTY	PRINCE GEORGE'S
DRAWN BY	WJ NIES	LOGMILE	16021012.02
CHECKED BY	EMM/DJD	TIMS NO.	N/A
F.A.P. NO.	N/A	TOD NO.	

TS NO. 3112B | DRAWING SG-1 OF 3 | SHEET NO. 10 OF 12

PLOTTED: "02:22 PM on Thursday, May 16, 2013"
FILE: M:\2009\0190019.92\drawings\pSG-P004_MD210.dgn

BY: Ardalan Faghri Division: P068 Highway Traff GMA Emp

BORDER REV: DATE: Manah12120807

DRILL HOLES