

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TEMPORARY TRAFFIC SIGNAL AT MD 210 (INDIAN HEAD HIGHWAY) AND DETOURED MD 414 (OXON HILL ROAD). INTERSECTION LIGHTING WILL BE MAINTAINED AT THIS LOCATION. IT IS ASSUMED THAT MD 210 (INDIAN HEAD HIGHWAY) RUNS IN A NORTH-SOUTH DIRECTION. THE POSTED SPEED LIMIT IS 45 MPH.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA SIX-PHASE OPERATION, FULLY-ACTUATED MODE. MD 414 (OXON HILL ROAD) OPERATES IN SEPARATE PHASES. A LEADING NORTHBOUND LEFT-TURN AND LAGGING SOUTHBOUND LEFT-TURN IS PROVIDED ON MD 210 (INDIAN HEAD HIGHWAY).

CONTROLLER REQUIREMENTS

MAINTAIN THE FULL-TRAFFIC-ACTUATED, SOLID STATE EIGHT-PHASE CONTROLLER WITH TELEMETRY MODULE AND VIDEO TRAFFIC DETECTION SYSTEM LOCATED IN THE POLE MOUNTED CABINET.

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT 3 ARE:
MR. MAJIB SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
301-513-7358

THE POWER COMPANY REPRESENTATIVES ARE:
MR. RICHARD CHILCOAT
POTOMAC ELECTRIC POWER COMPANY
- ELECTRIC SERVICE
301-967-5805

MR. AUGUSTINE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITIES
301-513-7350

MR. JOE NICE
POTOMAC ELECTRIC POWER COMPANY
- RELOCATIONS
202-388-2581

MR. WAYNE MOWDY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
301-513-7304

THE CONTACT PERSONS FOR THE OFFICE OF TRAFFIC AND SAFETY ARE:
MR. RICHARD DAFF
DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SYNDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7631

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
410-787-7652

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7676

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 & 6	←G	←G	←G	←G	G	G	←R	←R	←R	←R	R	R	R	R	R	R	R	R
1 CHANGE	←Y	←Y	←Y	←Y	G	G	←R	←R	←R	←R	R	R	R	R	R	R	R	R
PHASE 2 & 6	←R	←R	←R	←R	G	G	←R	←R	←R	←R	G	G	R	R	R	R	R	R
6 CHANGE	←R	←R	←R	←R	Y	Y	←R	←R	←R	←R	G	G	R	R	R	R	R	R
PHASE 2 & 5	←R	←R	←R	←R	R	R	←G	←G	←G	←G	G	G	R	R	R	R	R	R
2 & 5 CHANGE	←R	←R	←R	←R	R	R	←Y	←Y	←Y	←Y	Y	Y	R	R	R	R	R	R
PHASE 3	←R	←R	←R	←R	R	R	←R	←R	←R	←R	R	R	G	G	G	R	R	R
3 CHANGE	←R	←R	←R	←R	R	R	←R	←R	←R	←R	R	R	Y	Y	Y	R	R	R
PHASE 4	←R	←R	←R	←R	R	R	←R	←R	←R	←R	R	R	R	R	G	G	G	G
4 CHANGE	←R	←R	←R	←R	R	R	←R	←R	←R	←R	R	R	R	R	Y	Y	Y	Y
FLASHING	FL																	

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE MDSA.

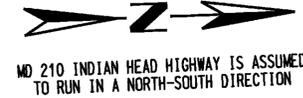
NOTE: NO EQUIPMENT IS TO BE SUPPLIED BY MDSA. ALL MATERIALS ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

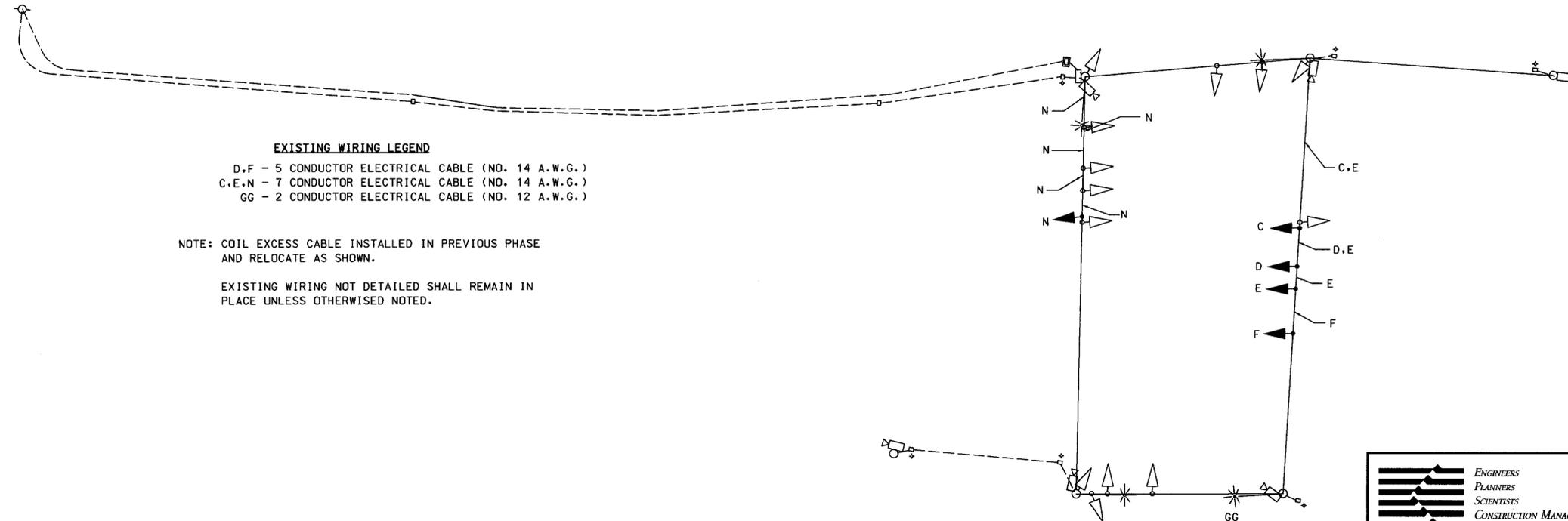
CAT. CODE	QUANTITY	DESCRIPTION
120500	1 LS	MAINTENANCE OF TRAFFIC
585624	120 LF	24 INCH HEAT APPLIED WHITE PERM. PREF. THERMO. PVMNT MRKNG
585462	105 LF	REMOVAL OF EXISTING PERMANENT PVMNT LINE MARKINGS-ANY WIDTH
860265	5 EA	RELOCATE EXISTING SIGNAL HEAD
813006	26 SF	RELOCATE SIGNS FROM EXISTING OVERHEAD STRUCTURES
823001	1 EA	REMOVAL AND RELOCATE ROADWAY LIGHTING STRUCTURE

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND RETURNED TO MDSA.

NOTE: NO EQUIPMENT IS TO BE RETURNED TO MDSA. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR BECOME THE PROPERTY OF THE CONTRACTOR.



STAGE VB WIRING DIAGRAM
NOT TO SCALE



EXISTING WIRING LEGEND
D.F - 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
C.E.N - 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
GG - 2 CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)

NOTE: COIL EXCESS CABLE INSTALLED IN PREVIOUS PHASE AND RELOCATE AS SHOWN.

EXISTING WIRING NOT DETAILED SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED.

ADDENDUM NO. 4
MARCH 10, 2005
NEW SHEET

SP-11B OF SP-23

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

TEMPORARY GENERAL INFORMATION SHEET (STAGE VB)
MD 210 INDIAN HEAD HIGHWAY AT MD 414 OXON HILL ROAD (DETOURED)

KCI
ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

DRAWN BY: M. PIERRE	F.A.P. NO. SEE TITLE SHEET	TS NO. 67H-G1-P58
CHECKED BY: J. LAWRENCE	S.H.A. NO. PG5075173	SHEET NO. 291B OF 402
SCALE: NONE	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. E149
DATE: 12-7-04	LOG MILE: 16021012.95	