

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES CHANGING THE EXISTING LEFT TURN PHASING FOR WESTBOUND MD 414 FROM EXCLUSIVE/PERMISSIVE TO EXCLUSIVE AND THE INSTALLATION OF QUEUING DETECTOR FOR THE LEFT TURN LANE AT THE INTERSECTION OF MD 414 AND RAMP 6 / NB I-95 IN PRINCE GEORGE'S COUNTY. MD 414 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA FOUR PHASE SEQUENTIAL MODE, FULL-TRAFFIC-ACTUATED MODE. THERE IS EXCLUSIVE LEFT TURN PHASING FOR WESTBOUND MD 414. MD 414 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. ST. BARNABAS RD AND BRINKLEY RD THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. RAMP 6 THROUGH MOVEMENT WILL OPERATE BY ITSELF.

CONTACTS

The contact persons for this project are as follows:

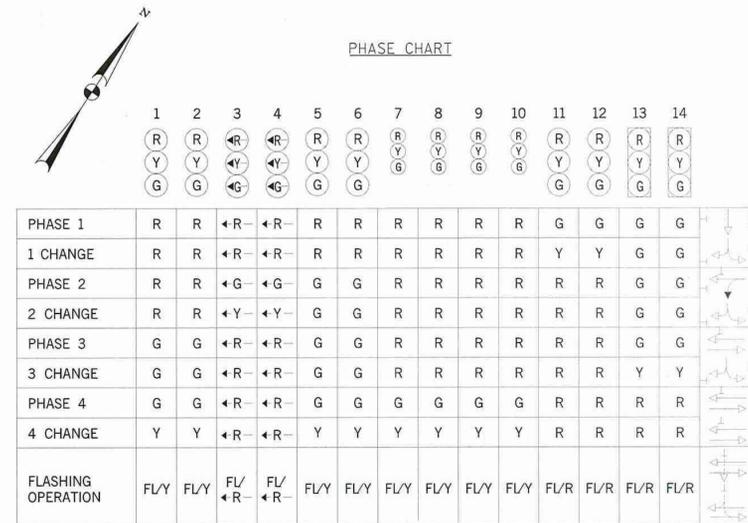
Ms. Felecia Murphy (PG)
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Mr. Vernon Stinnett
Assistant District Engineer - Maintenance
Phone: (301) 513-7304

Mr. Victor Grafton
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Phone: (301) 513-7350

Mr. Richard L. Daff, Sr.
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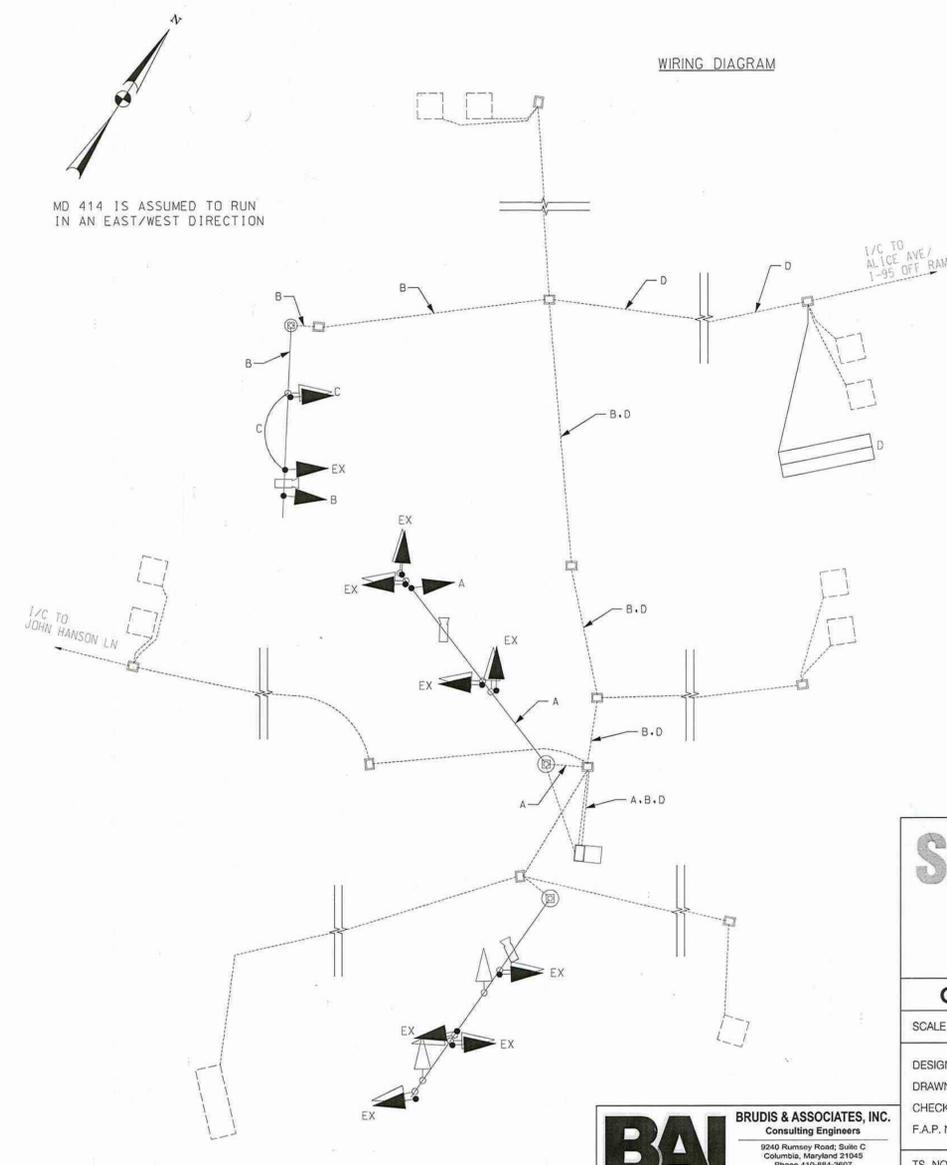
Mr. Ed Rodenhizer
Supervisor, Signal Operations
Phone: 410-787-7650



EQUIPMENT LIST FOR CONTRACT NO. XX4495185

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

ITEM	QUANTITY	UNIT	DESCRIPTION
8001	36	EA	12 INCH (R, Y, G) LED SIGNAL HEAD
8057	25	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8058	400	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8059	820	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8060	120	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)



WIRING KEY

- A, B } 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
- C } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
- D } 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG, ALUMINUM SHIELDED)
- EX } EXISTING ELECTRICAL CABLE (NO. 14 AWG)

NOTE: ALL EXISTING WIRING WILL BE UTILIZED.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 414 (OXON RD) AT RAMP 6 / NB I-95
OXON HILL, MD

GENERAL INFORMATION PLAN SHEET

SCALE: NTS DATE: 12/2010 CONTRACT NO.: XX4495185

DESIGNED BY: XM COUNTY: PRINCE GEORGE'S
DRAWN BY: XM LOGMILE: 16041401.92
CHECKED BY: JB TMS NO.: K282
F.A.P. NO.: TOD NO.:

TS NO. 921C DRAWING - OF SHEET NO. 2 OF 2

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