

**I. PROJECT DESCRIPTION**

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT AND LANE CONFIGURATION MD 704 (MARTIN LUTHER KING, JR., HWY.) AND LOTTSFORD VISTA RD./BUSINESS PKWY. INTERSECTION IN PRINCE GEORGE'S COUNTY.

**II. INTERSECTION OPERATIONS**

THIS INTERSECTION WILL OPERATE IN A NEMA SIX PHASE OPERATION FULLY-ACTUATED MODE WITH MD704 OPERATING WITH EXCLUSIVE/PERMISSIVE LEFT TURN PHASES. THE SIDE STREET WILL OPERATE AS A SIDE STREET SPLIT PHASE.

**III. CONTROLLER REQUIREMENTS**

THE EXISTING CABINET AND CONTROLLER ARE TO BE UTILIZED.

**IV. GENERAL NOTES**

1. ACCESS FOR EMERGENCY VEHICLES MUST BE ALLOWED AT ALL TIMES.
2. ANY CONFLICTING SIGNS IN THE VICINITY OF THE INTERSECTION SHALL BE REMOVED.
3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PROJECT PAVEMENT PLANS.
4. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE STANDARD PLATES FOR TRAFFIC CONTROL.

**V. CONTACT PERSONS**

1. THE FOLLOWING CONTACT PERSONS FOR DISTRICT #3 AND OOTS ARE AS FOLLOWS:

PROJECT CONTACTS:

- Ms. Felecia Murphy  
Assistant District Engineer - Traffic  
Phone: (301) 513-7404
- Mr. Victor Grafton  
Utilities Engineer  
Phone: (301) 513-7350
- Mr. Vernon Stinnett  
Assistant District Engineer - Maintenance  
Phone: (301) 513-7304
- Mr. Richard Daff  
Chief, Traffic Operations  
Phone: (410) 787-7630
- Mr. Edward Rodenhizer  
Signal Operations Manager  
Phone: (410) 787-7652

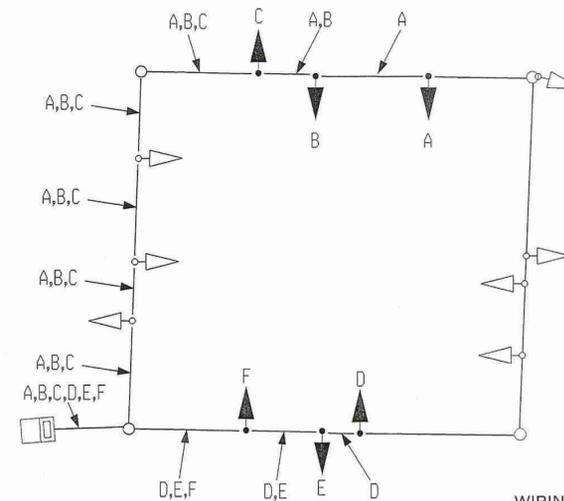
**VI. EQUIPMENT LIST**

- EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION. (ALL EQUIPMENT TO BE FURNISHED AND INSTALLED BY CONTRACTOR)
- EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE NO.	QUANTITY	UNITS	DESCRIPTION
585435	150	LF	FURNISH AND INSTALL 10 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE
585625	1	EA	WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING SYMBOL (LEFT & THRU)
861108	500	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
801711	20	SF	REMOVE AND DISPOSE OF GROUND MOUNTED SIGNS AND SUPPORT SHEET ALUMINUM SIGNS:
810605	35	SF	1 EA R3-5R (30"x36") 1 EA R3-6L (30"x36") 2 EA R3-8a (48"x30")
860284	18	EACH	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
120500	1	LS	MAINTENANCE OF TRAFFIC
801104	60	LF	WOOD SIGN SUPPORTS 4 INCH X 4 INCH

- EQUIPMENT TO BE RETURNED TO THE STATE HIGHWAY ADMINISTRATION. [ALL EQUIPMENT REMOVED IN ACCORDANCE WITH THESE PLANS BECOMES THE PROPERTY OF THE CONTRACTOR.]

**WIRING DIAGRAM**



**WIRING KEY:**

A,B,C,D,E,F - 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

**PHASE CHART**

	1	2	3	4	5	6	7	8	9	10	11	12	13
PHASE 1+5	R	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 1+5 MAY CHANGE TO PHASE 1+6, PHASE 2+5 OR PHASE 2+6													
PHASE 1+6	G	G	G	R	R	R	R	R	R	R	R	R	R
1+6 CHANGE													
PHASE 2+5	R	R	R	G	G	G	R	R	R	R	R	R	R
5 CHANGE													
PHASE 2+6	G	G	G	G	G	G	R	R	R	R	R	R	R
2+6 CHANGE													
PHASE 3	R	R	R	R	R	R	R	R	R	G	G	G	G
3 CHANGE													
PHASE 4	R	R	R	R	R	R	G	G	G	R	R	R	R
4 CHANGE													
FLASHING OPERATION	FL												

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD704 (MARTIN LUTHER KING JR. HWY.) AND  
LOTTSFORD VISTA RD./BUSINESS PARKWAY  
LANHAM, MARYLAND

GENERAL INFORMATION SHEET  
SCALE 1"=20' DATE 1/22/90 CONTRACT NO. BW-311-802-312  
DESIGNED BY K. LEE COUNTY PRINCE GEORGE'S  
DRAWN BY J. HENRIKSEN LOCALITY 16070406-25  
CHECKED BY B. NEVERIS T.I.M.S. NO.  
F.A.P. NO. TOD NO.

DRAWING NO. TS 2637 C OF SHEET NO. 2 OF 3

BY: DDICKERSON



KITTELSON & ASSOCIATES, INC.  
36 SOUTH CHARLES STREET SUITE 1920  
BALTIMORE, MARYLAND 21201  
(410) 347-9610