

PROJECT DESCRIPTION

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THIS PROJECT INVOLVES THE RELOCATION OF THE PEDESTRIAN PUSH BUTTON AT THE INTERSECTION OF US 1 (BALTIMORE AVENUE) AND LAKELAND DRIVE AND THE PLACEMENT OF A PEDESTRIAN CROSS WALK, SIGNAL AND ACCESSABLE RAMPS AT US 1 (BALTIMORE AVENUE) AND MELBOURNE ROAD IN COLLEGE PARK, PRINCE GEORGE'S COUNTY. US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION. PLEASE NOTE THERE ARE NO PHASING CHANGES AS A RESULT OF THIS WORK.

INTERSECTION OPERATION

THE INTERSECTION SHALL OPERATE IN A NEMA FOUR-PHASE, FULL TRAFFIC ACTUATED MODE.

CONTACTS FOR DISTRICT 3:

MR. MAJIB SHAKIB
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TRAFFIC
410-513-7358

MR. WAYNE MOWDY
ASSISTANT DISTRICT ENGINEER,
MAINTENANCE
410-513-7304

MR. AUGIE REBISH
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CONTACTS FOR OFFICE OF
TRAFFIC AND SAFETY:

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
CHIEF, SIGN OPERATIONS
410-787-7676

EQUIPMENT LIST 'A'

B. EQUIPMENT TO BE SUPPLIED BY SHA.

ITEM NO.	QUANTITY	DESCRIPTION
9571	55 SF	SHEET ALUMINUM SIGN MAST ARM/POLE MOUNTED

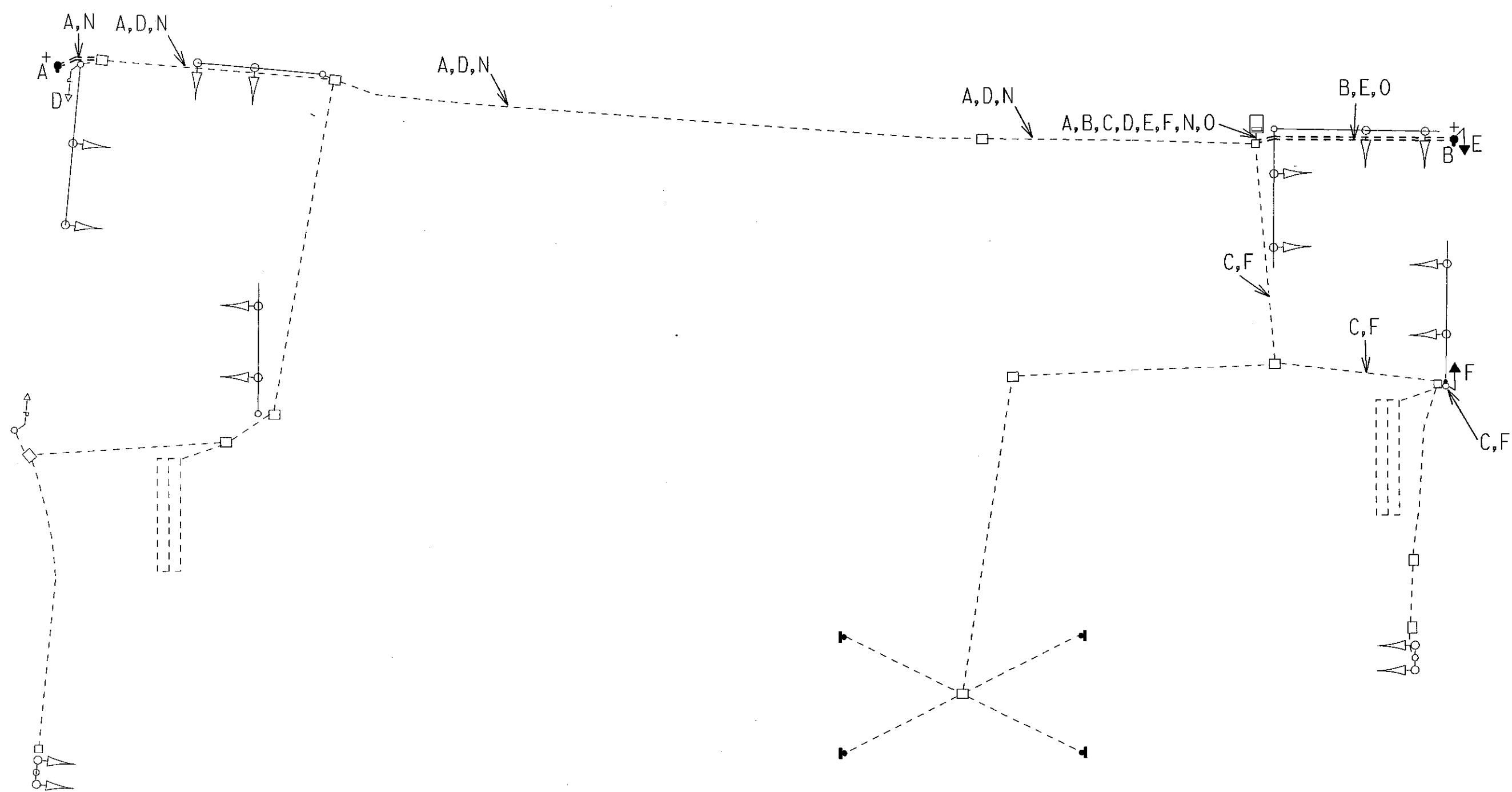
EQUIPMENT LIST 'C'

NONE

EQUIPMENT LIST 'B'

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	2 EA	MAINTENANCE OF TRAFFIC
2001	5 CY	CLASS 2 EXCAVATION
2002	2 CY	TEST PIT EXCAVATION
5002	60 LF	5 INCH YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5003	520 LF	12 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	180 LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING
5005	190 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH
6001	75 LF	STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH DEPTH
6003	315 SF	4 INCH CONCRETE SIDEWALK - 3 S/W RAMPS
8001	4 EA	12 INCH PEDESTRIAN SIGNAL HEAD
8009	2 EA	10 FOOT BREAKAWAY PEDESTAL POLE (ANY SIZE)
8011	3 EA	PUSH BUTTON AND SIGN
8013	1 EA	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT
8021	80 SF	DETECTABLE WARNING SURFACE
8024	2 CY	CONCRETE FOR SIGNAL FOUNDATION
8026	485 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8032	85 LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8047	55 SF	INSTALL OVERHEAD SIGN
8053	2 EA	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGHT
8057	2 EA	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCXTURE
8059	650 LF	ELECTRIC CABLE- 2 CONDUCTOR (NO.14 AWG)
8060	650 LF	ELECTRIC CABLE- 3 CONDUCTOR (NO.14 AWG)



WIRING KEY

A,B,C	2-CONDUCTOR ELECTRIC CABLE (NO.14 AWG)
D,E,F	3-CONDUCTOR ELECTRIC CABLE (NO.14 AWG)
+	GROUND ROD 10' X 3/4"
N,O	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE

PHASE CHART

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)

Phase 2 & 6	G	G	G	G	G	G	G	G	R	R	R	R	DW	DW	DW	DW	
2 & 6 Overlap	Y	Y	G	G	Y	Y	G	G	R	R	R	R	DW	DW	DW	DW	← →
2 & 6 Change	R	R	Y	Y	R	R	Y	Y	R	R	R	R	DW	DW	DW	DW	← →
Phase 4 & 8	R	R	R	R	R	R	R	R	G	G	G	G	DW	DW	DW	DW	← →
4 & 8 Change	R	R	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW	DW	DW	← →
Phase 4 & 8 ALT	R	R	R	R	R	R	R	R	G	G	G	G	WK	WK	WK	WK	← →
Ped Clearance	R	R	R	R	R	R	R	R	G	G	G	G	FL/DW	FL/DW	FL/DW	FL/DW	← →
4 & 8 Change	R	R	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW	DW	DW	← →
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	← →

REVISION D CONSULTANT

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

US 1 AND MELBOURNE PLACE/LAKELAND DRIVE

DRAWN BY: S.R.B.	F.A.P. NO. N/A	TS NO. 3218D	SHEET NO. 2 OF 2
CHECKED BY:	S.H.A. NO. 85525042012	T.I.M.S. NO. 6657	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S		
DATE: 2-13-92	LOG MILE: 16000104.45		

STIMES
QUATES
#FILES