

I. GENERAL:

MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION:

A NEMA SIX-PHASE, FULL-ACTUATED CONTROLLER WITH ALL NECESSARY EQUIPMENT HOUSED IN A BASE-MOUNTED CABINET SHALL BE INSTALLED AT THE INTERSECTION.

III. SPECIAL NOTES:

1. APS WILL FUNCTION AS FOLLOWS:

FOR MD 45 (YORK ROAD)

- A. WHEN PEDESTRIAN LOCATES AND PASSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL BE "WALK TO CROSS YORK ROAD."
- B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.

FOR BURKE AVENUE

- A. WHEN PEDESTRIAN LOCATES AND PRESSES PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL BE "WALK TO CROSS BURKE AVENUE."
- B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.

2. THE CONTRACTOR SHALL PURCHASE AND DELIVER THE "APS" CENTRAL CONTROL UNIT FOR THE CONTROLLER TO THE SHA SIGNAL SHOP AT 7491 CONNELLEY DRIVE, HANOVER, MARYLAND, 21076. MR. EDWARD RODENHIZER AT 410 787-7652 SHALL BE CONTACTED AT LEAST THREE DAYS PRIOR TO DELIVERY.

PROJECT CONTACTS

THE CONTACT PERSONS FOR THE SHA ARE AS FOLLOWS:

STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER
MAINTENANCE
PHONE: 410-321-2761

ERIN KUHN
ASSISTANT DIVISION ENGINEER
TRAFFIC
PHONE: 410-321-2781

MICHAEL PASQUARIELLO
ASSISTANT DISTRICT ENGINEER
UTILITIES
PHONE: 410-321-2841

ROBERT SNYDER
ASSISTANT DIVISION CHIEF
TRAFFIC OPERATIONS
PHONE: 410-787-7631

DON SCHAEFER
ASSISTANT DISTRICT ENGINEER
CONSTRUCTION
PHONE: 410-321-2831

EDWARD RODENHIZER
TEAM LEADER
SIGNAL OPERATIONS
PHONE: 410-787-7652

EQUIPMENT LIST "C"

ALL EQUIPMENT AND OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR

EQUIPMENT LIST "A"

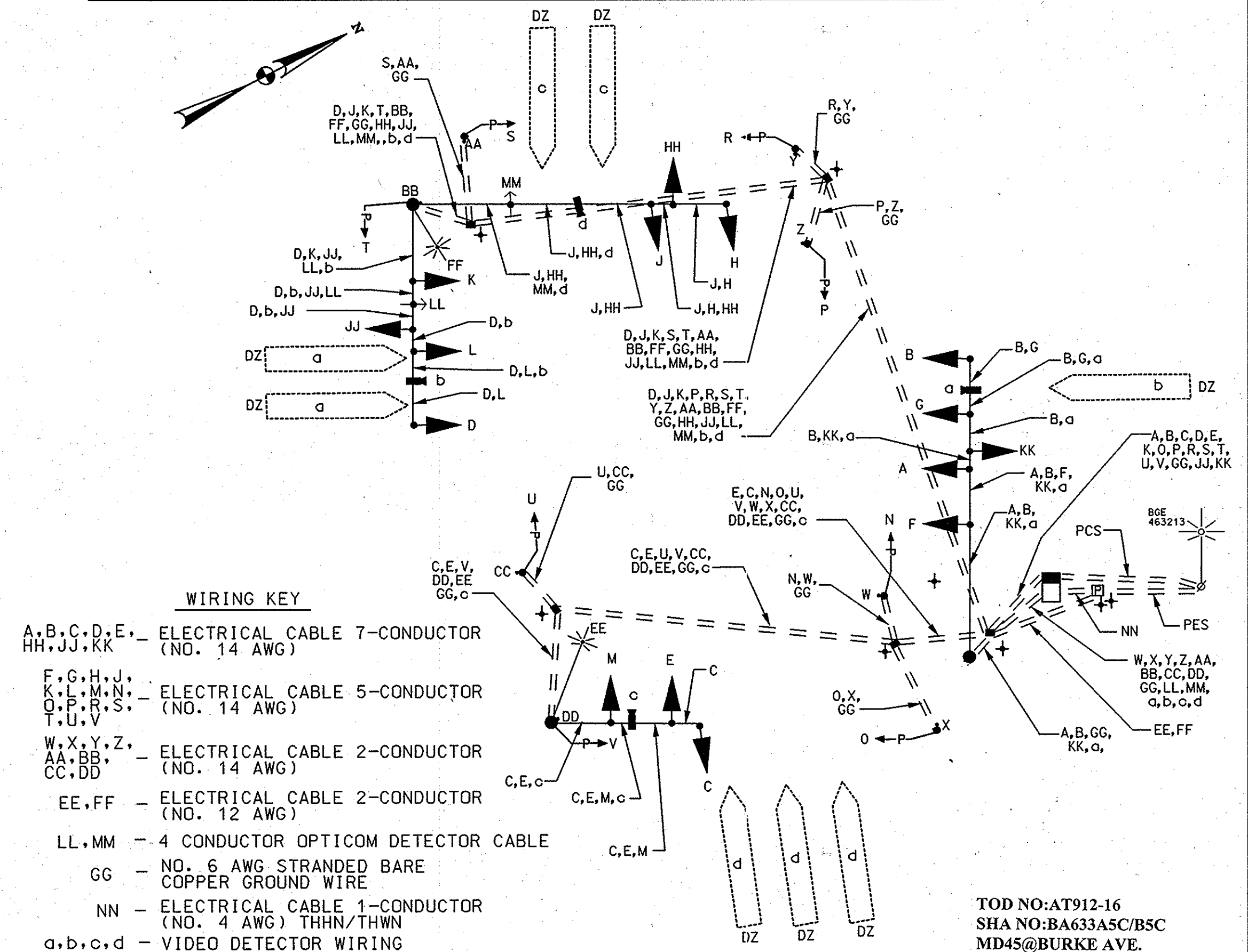
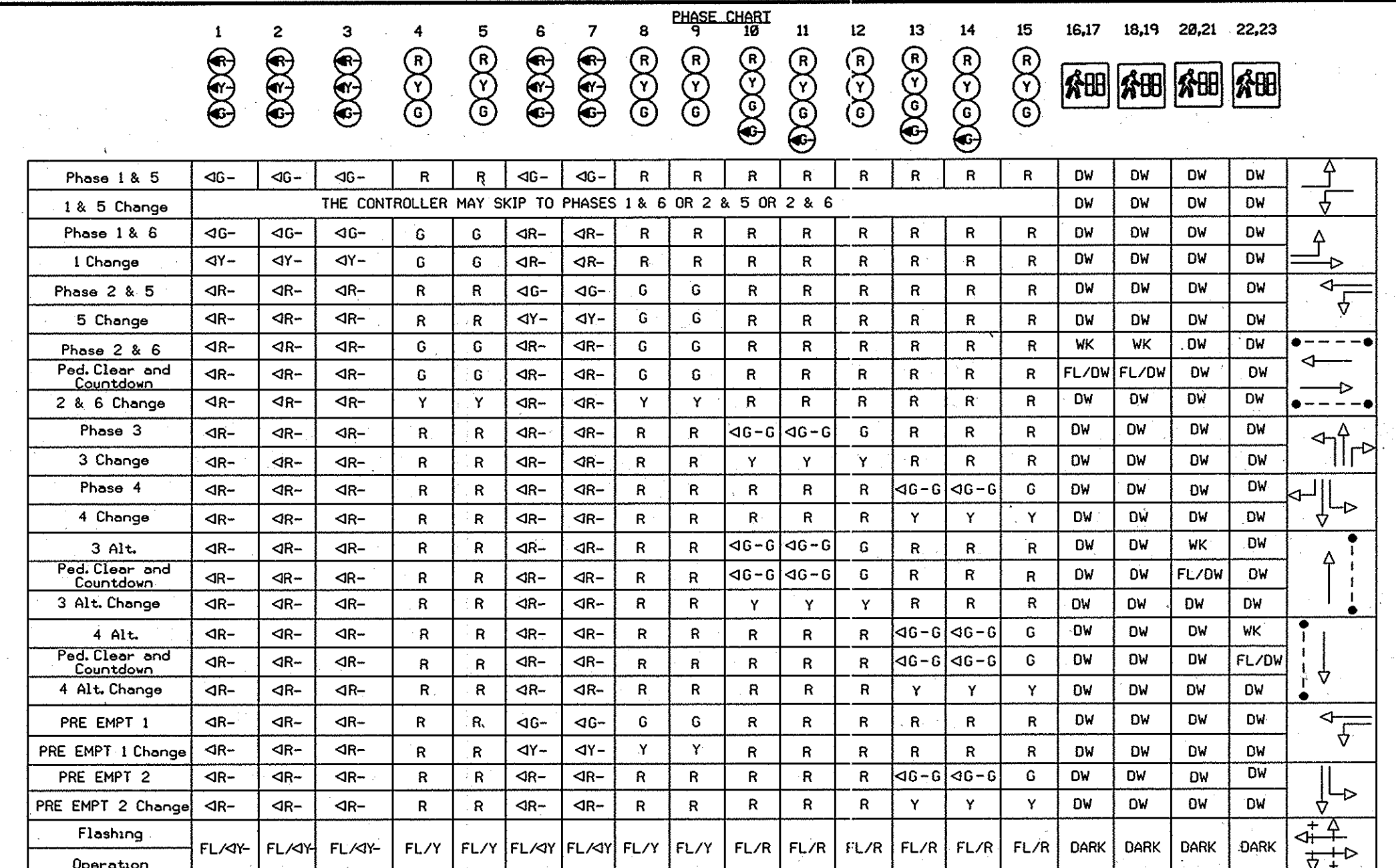
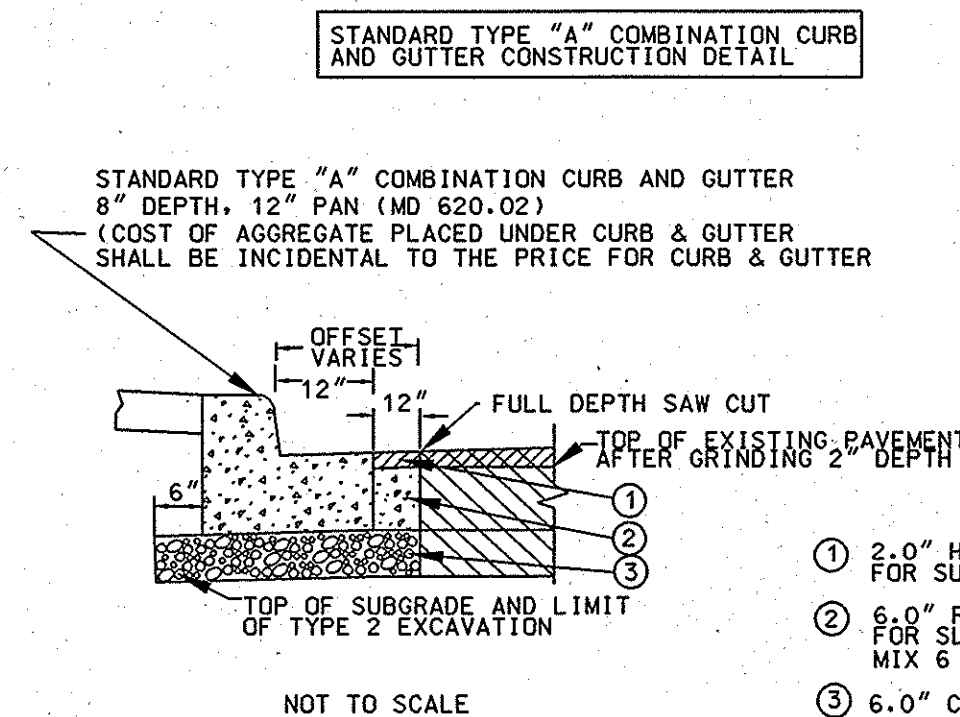
A. EQUIPMENT TO BE SUPPLIED BY SHA AND INSTALLED BY THE CONTRACTOR.

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
9044	1 EA	NEMA BASE MOUNTED CABINET AND CONTROLLER
9086	1 EA	VIDEO DETECTOR INTERFACE EQUIPMENT: 1-4 CAMERAS
9570	46 SF	SHEET ALUMINIUM GROUND MOUNTED SIGNS
	2 EA	R4-7(1) (30"x 18")
	2 EA	OM-1 (18"x 18")
	2 EA	W11-2 (36"x 36")
	1 EA	W16-7p(R) (12"x 24")
	1 EA	W16-7p(L) (12"x 24")
	1 EA	R12-5(4)MOD "THUR", NO TRUCK (SYMBOL), "OVER 3/4 T HERE TO GOUCHER ROAD (48"x 36")
9571	81 SF	SHEET ALUMINIUM MAST ARM/POLE MOUNTED SIGNS
	4 EA	R10-4(1) COUNTDOWN PEDESTRIAN PUSHBUTTON SIGN "TO CROSS YORK ROAD" (9"x 15")
	4 EA	R10-4(1) COUNTDOWN PEDESTRIAN PUSHBUTTON SIGN "TO CROSS BURKE AVENUE" (9"x 15")
	3 EA	R3-5(L) (36"x 30")
	1 EA	M95-1MOD "YORK RD, SOUTH, LEFT ARROW, MD 45,
	1 EA	M95-1MOD "YORK RD, NORTH, LEFT ARROW, MD 45,
	2 EA	D-3(2) "BURKE AVE / BOSLEY AVE, RIGHT ARROW"
	2 EA	D-3(2) "LEFT ARROW, BOSLEY AVE / BURKE AVE"
	2 EA	D-3(2) "RIGHT ARROW, TOWSON BYPASS" (16" x VA
		SHIELD ASSEMBLY SIGNS
	1 EA	"NORTH, MD 45" (BLK/WH), "BYPASS, LEFT ARROW

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	3 EA	MAINTENANCE OF TRAFFIC
2001	18.5 CY	CLASS II EXCAVATION
2002	4 CY	TEST PIT EXCAVATION
5001	85 LF	5" HEAT APPLIED WHITE PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING
5002	485 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKING - ANY WIDTH
5004	750 LF	12" HEAT APPLIED WHITE PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING
5005	80 LF	24" HEAT APPLIED WHITE PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING
6000	10 LF	STANDARD TYPE 'C' COMBINATION CURB AND GUTTER 12" GUTTER PAN/8" DEPTH
6001	120 LF	STANDARD TYPE 'A' COMBINATION CURB AND GUTTER 12" GUTTER PAN/8" DEPTH
6002	1450 SF	5" CONCRETE SIDEWALK
8001	43 EA	12" LED SIGNAL HEAD SECTION
8002	1 EA	2 WIRE CENTRAL CONTROL UNIT
8004	6 EA	8" LED SIGNAL HEAD SECTION
8007	2 EA	ANY SIZE LIGHTING ARM ON SIGNAL POLE WITH 250 WATT HPS LAMP AND LUMINAIRE
8008	8 EA	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGN
8009	6 EA	BREAKAWAY PEDESTAL POLE - ANY SIZE
8014	8 EA	LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD
8018	1 EA	MAST ARM POLE AND 70' MAST ARM ANY T DIMENSION
8019	1 EA	MAST ARM POLE AND 50' MAST ARM ANY T DIMENSION
8022	1 EA	REMOVE AND DISPOSE OF EXISTING EQUIPMENT- PER ASSIGNMENT
8024	1 EA	TWIN MAST ARM POLE 50FT/70FT MAST ARMS ANY T DIMENSION
8026	4 EA	VIDEO DETECTION CAMERA AND CABLE UP TO 500 FT
8033	280 LF	UP TO 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
8034	240 LF	UP TO 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8036	32 LF	WOOD SIGN SUPPORTS UP TO 4" X 6"
8037	86 SF	DETECTABLE WARNING SURFACES
8038	127 SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN - INCLUDING ALL HARDWARE
8040	1200 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8042	1 EA	METERED SERVICE PEDESTAL EMBEDDED
8044	30 LF	ELECTRICAL CABLE - 1 CONDUCTOR NO 4 AWG - THHN/THWN
8046	6 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8047	1 EA	DISCRIMINATOR MODULE 4 CHANNEL NO 764
8049	2 EA	OPTICOM NO 721 DETECTOR EYE
8050	550 LF	FURNISH AND INSTALL 4 CONDUCTOR OPTICOM CABLE
8053	1060 LF	ELECTRICAL CABLE - 2 CONDUCTOR NO 14 AWG
8055	1650 LF	ELECTRICAL CABLE - 5 CONDUCTOR NO 14 AWG
8056	1500 LF	ELECTRICAL CABLE - 7 CONDUCTOR NO 14 AWG
8057	380 LF	ELECTRICAL CABLE - 2 CONDUCTOR NO 12 AWG TC
8064	1 EA	INSTALL CONTROLLER AND CABINET - BASE MOUNT



TOD NO:AT912-16
SHA NO:BA633A5C/B5C
MD45@BURKE AVE.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 45 (YORK ROAD) AT
URKE AVENUE IN TOWSON, MD

GENERAL INFORMATION SHEET

SCALE NCNE DATE 3/2008 CONTRACT NO. AT9125185

DESIGNED BY ENB COUNTY BALTIMORE

DRAWN BY ENB LOGMILE 03004501.60

CHECKED BY _____ T.I.M.S. NO. H 803
F.A.P. NO. _____ TOD NO. _____

DRAWING NO. TS-4270C-GI SG-2 OF 2	SHEET NO. 2 OF 3
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CENTURY
ENGINEERING

CONSULTING ENGINEERS – PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

REVISION C

25003.55

PLOTTED: MONDAY, FEBRUARY 25, 2008 AT 01:04 PM
FILE: Q:\TRANSDWG\25003\25003.55 MD 45 BURKE RD\RECONSTRUCT\MSC-P0002-MD 45 BURKE.DGN