EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

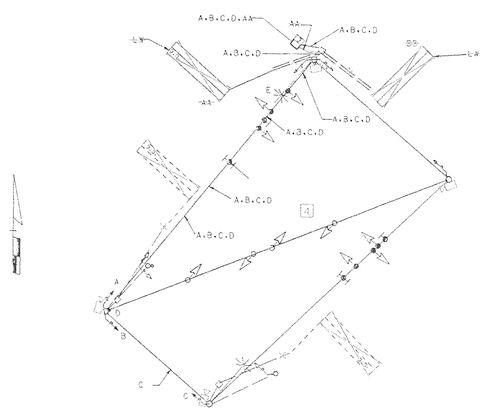
QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
1	EA	SP	PEDESTRIAN PUSHBUTTON AND SIGN

EQUIPMENT LIST 'B'

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

	QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
	100	LF	956	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
	1	EA	SP	INSTALL PUSHBUTTON AND SIGN
~~4~~	~~20~~	~~LF~~	~~805~~	~~FURNISH AND INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE~~
~~4~~	~~25~~	~~LF~~	~~810~~	~~FURNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (ALUMINUM SHIELDED)~~
	247	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (NO 14 AWG)
	805	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 3 CONDUCTOR (NO 14 AWG)
~~4~~	~~987~~	~~LF~~	~~810~~	~~FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO 14 AWG)~~
~~4~~	~~229~~	~~LF~~	~~815~~	~~FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTOR)~~
	6	EA	814	FURNISH AND INSTALL 12 INCH PEDESTRIAN SIGNAL SECTION - POLE MOUNT
	6	EA	814	RELOCATE EXISTING SIGNAL HEADS
	4	EA	SP	RELOCATE EXISTING OVERHEAD SIGN
	3	EA	SP	COVER SIGNAL HEAD/OVERHEAD SIGN
	1	LS	SP	REMOVE AND DISPOSE OF EXISTING EQUIPMENT

PHASE 3 WIRING DIAGRAM



WIRING KEY

~~4 AA = 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED) (NO. 14 AWG)~~

A.B.C = 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

~~4 LW = LOOP WIRE (NO. 14 AWG)~~

D = 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

PHASE CHART

PHASE 1 & 6	G	G	G	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	
1 CHANGE	G	G	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	W	W	W	W	DW	DW	
PED CLEAR	G	G	G	G	G	G	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW	DW	DW	
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	DW	DW	DW	DW	DW	DW	
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW	
ALT 4	R	R	R	R	R	R	G	G	G	G	DW	DW	DW	DW	W	W	
PED CLEAR	R	R	R	R	R	R	G	G	G	G	DW	DW	DW	DW	FL/DW	FL/DW	
4 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW	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	DARK	DARK	DARK	DARK	DARK	DARK	

TEMPORARY WIRING NOTES:

1. NEW AND RELOCATED SIGNAL HEADS SHALL BE WIRED WITH SUFFICIENT CABLE TO PROVIDE REALIGNMENT IN SUBSEQUENT CONSTRUCTION PHASES.
2. EXISTING WIRING FOR EQUIPMENT WHICH IS TO BE REMOVED OR ABANDONED SHALL BE REMOVED AND DISPOSED.
3. EXISTING WIRING NOT DETAILED SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.

KCI TECHNOLOGIES

REVISION 'B'
KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

REVISIONS

B	3-94	MODIFY SIGNAL DUE TO NEW GEOMETRICS FOR ES MD 28	
L.C.			
C	10-00	NEW MD 28 GEOMETRICS	
A		ADDENDUM NO. 3 NEW SHEET 12/19/2000	
4		REDLINE NO. 4 REPLACEMENT SHEET 9/07/2001	9/01
M.P.I.O.X.I			

APPROVALS

PROJECT MANAGER, SIGNAL DESIGN DIVISION: ORIGINAL

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: ON

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION: FILE

DIRECTOR, TRAFFIC & SAFETY

TSP 36

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
PHASE 3 CONSTRUCTION
MD 28 DARNESTOWN ROAD @ OWENS GLEN WAY/MAIN STREET

DRAWN BY: S.R. BARANOWSKI	F.A.P. NO.		TS NO. 35948-GIX-3
CHECKED BY: R. R. ZACHERL	S.H.A. NO.	BM-353-302-312	SHEET NO.
SCALE: NONE	COUNTY:	MONTGOMERY	T.I.M.S. NO. 0107
DATE: 2-15-96	LOG MILE:	15002316.46	335 OF 434

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