12/6/00 12:11:27 AM G:\PLOTTING\PS7\QCP\MYLAR_HP.qcf McSendy Pierre Division: Transportation m:\1997\0197029\md28\owen\SP02-3ow.PRF

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

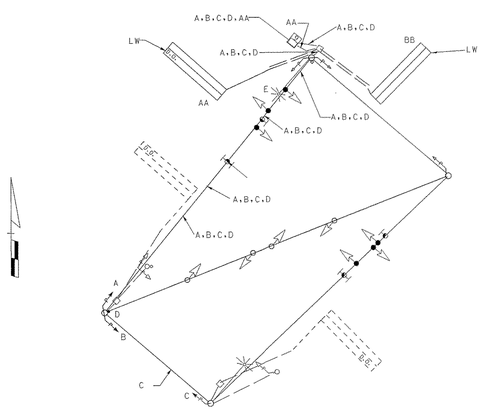
QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
1	EA	SP	PEDESTRIAN PUSHBUTTON AND SIGN

EQUIPMENT LIST 'B'

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

QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
100	LF	556	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
1	EA	SP	INSTALL PUSHBUTTON AND SIGN
50	LF	805	FURNISH AND INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE
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)
987	LF	810	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO 14 AWG)
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

AA - 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 AWG)
A.B.C - 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
LW - LOOP WIRE (NO. 14 AWG)
D - 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1 & 6	G / G	G / G	G	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 CHANGE	Y / G	Y / 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.

TSP 36

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

REVISIONS

Ⓑ 10-00 NEW
MD 28 GEOMETRICS
SHA CONT. NO. M05285271
Ⓐ ADDENDUM NO. 3
NEW SHEET
12/19/2000
M.P. 10/96
① AS BUILT 7-96
SHA NO. BW-853-802-312
R.R.Z.

APPROVALS

PROJECT MANAGER, SIGNAL DESIGN DIVISION
ORIGINAL ON FILE
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

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. 3594B-GIX-3	SHEET NO.
CHECKED BY: R. R. ZACHERL	S.H.A. NO.	BW-853-802-312		
SCALE: NONE	COUNTY:	MONTGOMERY	T.I.M.S. NO. D107	OF
DATE: 2-15-96	LOG MILE:	15002816.46		

M:\1997\0197029\MD28\

12/6/00 12:11:27 AM G:\PLOTTING\PS7\QCP\MYLAR_HP.qcf McSendy Pierre Division: Transportation m:\1997\0197029\md28\owen\SP02-3ow.PRF