EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

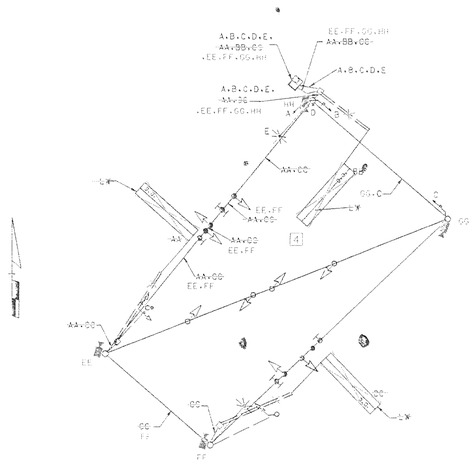
QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
1	EA	SP	PEDESTRIAN PUSHBUTTON AND SIGN

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
	1	EA	818	FURNISH AND INSTALL 20 FOOT LIGHTING ARM ON SIGNAL STRUCTURE
~~4~~	~~90~~	~~LF~~	~~805~~	~~FURNISH AND INSTALL 1-INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE~~
	1	EA	806	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE WITH PHOTOCELL
~~4~~	~~800~~	~~LF~~	~~812~~	~~FURNISH AND INSTALL ELECTRICAL CABLE- 2-CONDUCTOR (ALUMINUM-SHIELDED)~~
	41	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (NO 14 AWG)
	261	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 3 CONDUCTOR (NO 14 AWG)
~~4~~	~~1551~~	~~LF~~	~~812~~	~~FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO 14 AWG)~~
~~3~~	~~380~~	~~LF~~	~~815~~	~~FURNISH AND INSTALL 24AWG/7 PAIR SIGNAL (LOOP DETECTOR)~~
	85	LF	810	FURNISH AND INSTALL 2-CONDUCTOR (NO 12 AWG)
	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 SIGNS
	1	LS	SP	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
4	4	EA	SP	FURNISH AND INSTALL VIDEO TRAFFIC DETECTION SYSTEM
4	450	LF	SP	FURNISH AND INSTALL VIDEO TRAFFIC DETECTION CABLE

PHASE 2 WIRING DIAGRAM



WIRING KEY

~~4 AA.BB.CC - 2-CONDUCTOR ELECTRICAL CABLE- ALUMINUM-SHIELDED (NO. 12 AWG)~~

~~4 EW - LOOP WIRE (NO. 14 AWG)~~

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

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

E - 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 AWG)

4 EE. FF. GG. HH - VIDEO TRAFFIC DETECTION CABLE

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 34

REVISION 'B'

KCI TECHNOLOGIES

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 EB MD 28
L.C.	
C	10-00 NEW MD 28 GEOMETRICS
△	ADDENDUM NO. 3 NEW SHEET 12/19/2000
4	REDLINE NO. 4 REPLACEMENT SHEET 9/07/2001
M.P.	O.X.

APPROVALS

PROJECT MANAGER, SIGNAL DESIGN DIVISION

ORIGINAL

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

ØN

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

FILE

DIRECTOR, TRAFFIC & SAFETY

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

GENERAL INFORMATION SHEET
PHASE 2 CONSTRUCTION
MD 28 DARNESTOWN ROAD @ OWENS GLEN WAY/MAIN STREET

DRAWN BY: S.R. BARANOWSKI	F.A.P. NO.		TS NO.		
CHECKED BY: R. R. ZACHERL	S.H.A. NO.	BW-853-902-312	3594B-GIX-2	SHEET NO.	
SCALE: NONE	COUNTY:	MONTGOMERY	T.I.M.S. NO.		
DATE: 2-15-36	LOG MILE:	15002816.46	D107	332 OF 434	

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