TEMPORARY WIRING NOTES:

1) NEW AND RELOCATED SIGNAL HEADS SHALL BE WIRED WITH SUFFICIENT CABLE TO PROVIDE REALIGNMENT IN SUBSEQUENT CONSTRUCTION PHASES.

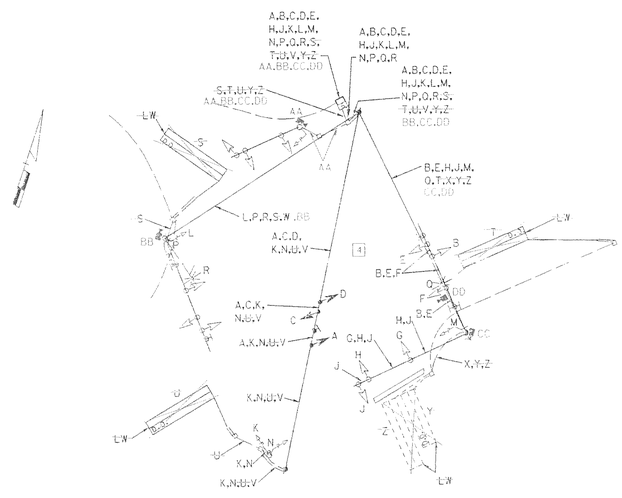
2) EXISTING WIRING FOR EQUIPMENT WHICH IS TO BE REMOVED OR ABANDONED SHALL BE REMOVED AND DISPOSED.

3) EXISTING WIRING NOT DETAILED SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.

PHASE 2 WIRING DIAGRAM

WIRING LEGEND:

A,B,C,D,E - 7 CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)
F,G,H,J,K,L - 5 CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)
M - 3 CONDUCTOR ELECTRICAL CAELE (NO.14 A.W.G.)
[4] ~~S,T,U,Y,Z - 2 CONDUCTOR ELECTRICAL CABLE - ALUMINUM SHIELDED~~
O,R - 2 CONDUCTOR ELECTRICAL CABLE (NO.12 A.W.G.) TYPE T/C
N,P - 2 CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)
V,W,X - STRANDED BARE COPPER GROUND WIRE
[4] ~~LW - LOOPWIRE ENCASED IN FLEXIBLE TUBING (NO.14 A.W.G.)~~
[4] AA,BB,CC,DD - VIDEO TRAFFIC DETECTION CABLE (NO.18 A.W.G.)



EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY MSHA

QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
11	SF		FLAT SHEET ALUMINUM CONSISTING OF: -1 EACH R10-12 (42"X36") - SPAN WIRE MOUNT

EQUIPMENT LIST 'B'

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

QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
50	LF	556	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
1	EA	811	FURNISH AND INSTALL ELECTRICAL HANDHOLE
[4] ~~30~~	~~LF~~	~~805~~	~~FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE~~
15	LF	805	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
25	LF	805	FURNISH AND INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
[4] ~~1200~~	~~LF~~	~~810~~	~~FURNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (ALUMINUM SHIELDED)~~
850	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 7 CONDUCTOR (NO 14 AWG)
[4] ~~1500~~	~~LF~~	~~810~~	~~FURNISH AND INSTALL LOOP WIRE ENCAGED IN FLEXIBLE TUBING (NO 14 AWG)~~
[4] ~~580~~	~~LF~~	~~815~~	~~FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTORS)~~
1	LS	SP	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
13	EA	814	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD
11	SF	813	INSTALL OVERHEAD SIGN
2	EA	SP	FURNISH AND INSTALL TEMPORARY 40 FOOT WOOD POLE
60	LF	805	FURNISH AND INSTALL 3 INCH ELECTRICAL CONDUIT - PVC RISER
2	EA	804	FURNISH AND INSTALL GROUND ROD -3/4 INCH DIAMETER X 10 FOOT LENGTH
800	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 2 CONDUCTOR (NO 14 AWG)
250	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 3 CONDUCTOR (NO 14 AWG)
950	LF	810	FURNISH AND INSTALL ELECTRICAL CABLE- 5 CONDUCTOR (NO 14 AWG)
400	LF	819	FURNISH AND INSTALL STEEL SPAN WIRE - 3/8" DIAMETER
4	EA	SP	COVER SIGNAL HEAD/SIGN
[4] 4	EA	SP	FURNISH AND INSTALL VIDEO TRAFFIC DETECTION SYSTEM
[4] 950	LF	SP	FURNISH AND INSTALL VIDEO TRAFFIC DETECTION CABLE

TSP 2

REVISION "A"
KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1388
(410) 316-7800

REVISIONS
10-00 NEW
MD 28 GEOMETRICS
SHA CONT. NO. M05285271
[3] ADDENDUM NO. 3
REPLACEMENT SHEET
12/19/2000
[4] REDLINE NO. 4
REPLACEMENT SHEET
9/07/2001

APPROVALS
PROJECT MANAGER, SIGNAL DESIGN DIVISION
ORIGINALS
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 2
MD 28 (DARNESTOWN RD) AND RIFFLE FORD RD / SEURAT DRIVE

DRAWN BY: S. CHERNAK	F.A.P. NO. STPG-0005 (301) E	TS NO. 3602A-GIX-1	SHEET NO.
CHECKED BY: M. RUCKER	S.H.A. NO. AW 791-479-385		
SCALE: NONE	COUNTY: MONTGOMERY	T.I.M.S. NO. D107	321 OF 334
DATE: 4-18-96	LOG MILE: I5002815.21		

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