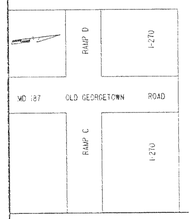


WIRING LEGEND:

B — 7-CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)

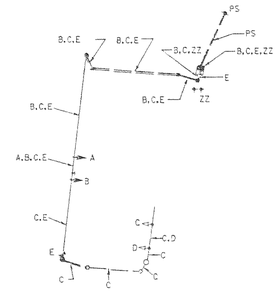
A.C.D — 5-CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)

XX,YY,ZZ — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)

E — VIDEO TRAFFIC DETECTION CABLE 7-CONDUCTOR (NO.18 A.W.G.)

PS — (3)- 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

+ — 3/4" x 10' GROUND ROD



EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE MSHA.

QUANTITY	UNIT	SPECIFICATION SECTION	DESCRIPTION
1	EA	SP	EIGHT-PHASE, FULL-TRAFFIC-ACTUATED, SOLID STATE DIGITAL CONTROLLER WITH TELEMETRY AND SYSTEM PACKAGE HOUSED IN A NEMA SIZE '8' BASE MOUNTED CABINET
8	SF	813	FLAT SHEET ALUMINUM SIGNS CONSISTING OF: - 1 EACH R10-12 (30"X36") - SPAN WIRE MOUNT

5

EQUIPMENT LIST 'B'

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

QUANTITY	UNIT	DESCRIPTION
4	CY	TEST PIT EXCAVATION
85	LF	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
2	EA	FURNISH AND INSTALL TEMPORARY 43 FOOT WOOD POLE
150	LF	FURNISH AND INSTALL 3/8 INCH STEEL SPAN WIRE
8	EA	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8	SF	INSTALL OVERHEAD SIGN
2	EA	FURNISH AND INSTALL GROUND ROD-3/4 INCH DIAMETER X 10-FOOT LENGTH
1	EA	INSTALL CONTROLLER AND CABINET- BASE MOUNT
1	EA	INSTALL CONTROL AND DISTRIBUTION EQUIPMENT
3	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
180	LF	FURNISH AND INSTALL ELECTRICAL CABLE- 1-CONDUCTOR (NO 4 AWG)
350	LF	FURNISH AND INSTALL ELECTRICAL CABLE- 5-CONDUCTOR (NO 14 AWG)
270	LF	FURNISH AND INSTALL ELECTRICAL CABLE- 7-CONDUCTOR (NO 14 AWG)
20	LF	FURNISH AND INSTALL NO 6 AWG STRANDED BARE COPPER GROUND WIRE
60	LF	FURNISH AND INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
110	LF	FURNISH AND INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
90	LF	FURNISH AND INSTALL 3-INCH ELECTRICAL CONDUIT - PVC RISER
1	LS	REMOVAL OF EXISTING SIGNAL EQUIPMENT TO BE SALVAGED
1	LS	DELIVERY OF SALVAGED EQUIPMENT
1	LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
1	EA	FURNISH AND INSTALL VIDEO TRAFFIC DETECTION SYSTEM
360	LF	FURNISH AND INSTALL VIDEO TRAFFIC DETECTION CABLE

NOTE: ALL EQUIPMENT AND/OR MATERIALS TO BE REMOVED BY THE CONTRACTOR, BUT NOT LISTED BELOW, SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

QUANTITY	UNIT	DESCRIPTION
1	EA	CONTROLLER AND CABINET

PHASE CHART

	1	2	3	4
PHASE 2 & 5	R	R	G	G
5 CHANGE	R	R	G	G
PHASE 2 & 6	G	G	R	G
2 & 6 CHANGE	Y	Y	R	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y

TS-8A

REVISION "C"

KCI TECHNOLOGIES

KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1883
(410) 316-7900

REVISIONS

(5) REDLINE REVISION NO. 5 NEW SHEET 3/4/2001 — MP

A ADDENDUM NO. 2 REPLACEMENT SHEET 11/30/00

(C) NEW MD 187 GEOMETRICS 10-30 SHA CONT. NO. WB395172 — MP

(B) REVISED SIGNAL HEAD DISPLAY 10/14/76 — SR

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING 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

I-270 INTERCHANGES AT ROCKLEDGE DRIVE AND MD 187
GENERAL INFORMATION SHEET (PHASE III)
I-270 RAMP C/RAMP D AT MD 187 (OLD GEORGETOWN ROAD)

DRAWN BY: STEVE RENZI	F.A.P. NO.	TS NO. 1250-080	SHEET NO.
CHECKED BY: STEVE RENZI	S.H.A. NO.		
SCALE: NONE	COUNTY: MONTGOMERY	T.I.M.S. NO. D-311	259A OF 404
DATE: 12/27/74	LOG MILE: 1501B703.73		

ME#1398#133073#TRAFFIC#

2/4/01 1:33:43 AM G:\PLOTTING\PS7\OCP\MYLAR_HP get Mcsendy Pierre Division: Transportation in:\1398\019807B\TRAFFIC\spmo14b.prt