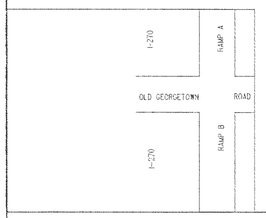
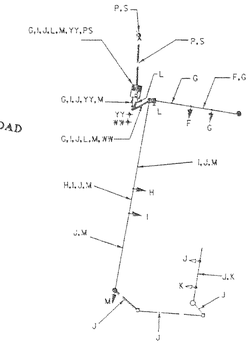


WIRING LEGEND:

J — 7-CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)
F,G,H,I — 5-CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)
WW,YY — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
E,L — 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

MD 187 OLD GEORGETOWN ROAD



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 '6' BASE MOUNTED CABINET
13	SF	813	FLAT SHEET ALUMINUM SIGNS CONSISTING OF: - 1 EACH R3-2 (30"X30") - SPAN WIRE MOUNT - 1 EACH R3-2 (30"X30") - MAST ARM MOUNT

EQUIPMENT LIST 'B'

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

QUANTITY	UNIT	DESCRIPTION
4	CY	TEST PIT EXCAVATION
70	LF	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
3	EA	FURNISH AND INSTALL TEMPORARY 40 FOOT WOOD POLE
170	LF	FURNISH AND INSTALL 3/8 INCH STEEL SPAN WIRE
15	EA	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
13	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	FURNISH AND INSTALL ELECTRICAL HANDHOLE
280	LF	FURNISH AND INSTALL ELECTRICAL CABLE- 1-CONDUCTOR (NO 4 AWG)
910	LF	FURNISH AND INSTALL ELECTRICAL CABLE- 5-CONDUCTOR (NO 14 AWG)
10	LF	FURNISH AND INSTALL NO 6 AWG STRANDED BARE COPPER GROUND WIRE
20	LF	FURNISH AND INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
35	LF	FURNISH AND INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
60	LF	FURNISH AND INSTALL 3-INCH ELECTRICAL CONDUIT - PVC RISER
1	LS	DELIVERY OF SALVAGED EQUIPMENT
1	LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
1	LS	REMOVAL OF EXISTING SIGNAL EQUIPMENT TO BE SALVAGED
2	EA	COVER SIGNAL SECTION / SIGN
1	EA	INSTALL CONTROL AND DISTRIBUTION EQUIPMENT
1	EA	FURNISH AND INSTALL VIDEO TRAFFIC DETECTION SYSTEM
75	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
2	EA	CONTROLLER AND CABINET

PHASE CHART

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

TS-8B

REVISIONS

5 REDLINE REVISION NO. 5
NEW SHEET 9/4/2001

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

C NEW MD 187 GEOMETRICS
10-00 SHA CONT. NO. K3995172

B REVISED SIGNAL HEAD DISPLAY
10/14/76

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ORIGINAL
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
ON
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
DIRECTOR, TRAFFIC & SAFETY

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

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 A/RAMP B AT MD 187 (OLD GEORGETOWN ROAD)

DRAWN BY: STEVE RENZI	F.A.P. NO.	TS NO. 1250C/1251C-C00	SHEET NO.
CHECKED BY: STEVE RENZI	S.H.A. NO.		
SCALE: NONE	COUNTY: MONTGOMERY	T.I.M.S. NO. D-311	259B OF 404
DATE: 12/27/74	LOG MILE: 5.08/03.73-5.08/03.30		

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