

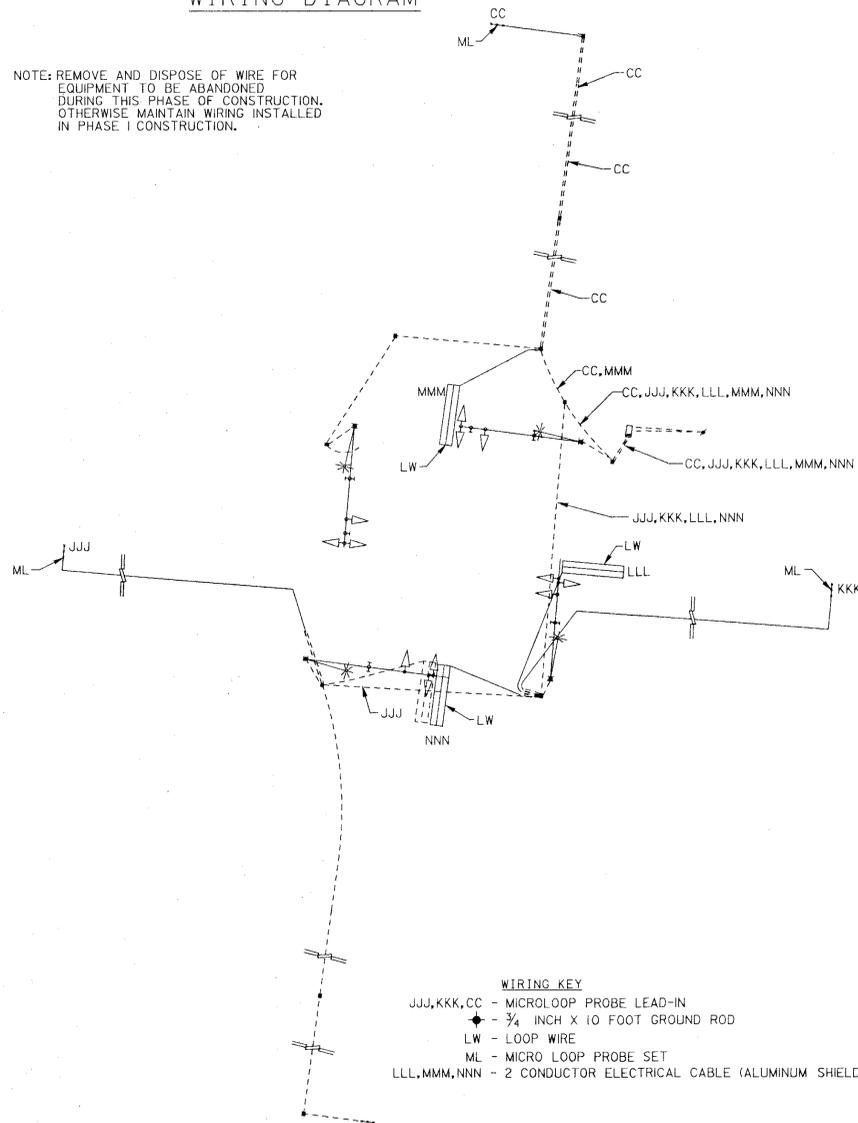
PROJECT DESCRIPTION

I. GENERAL
 THIS PORTION OF THE PROJECT INVOLVES THE RECONSTRUCTION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 40 AND MD 63 IN WASHINGTON COUNTY. THIS SHEET ADDRESSES PHASE II CONSTRUCTION. US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION
 THE INTERSECTION WILL OPERATE IN A NEMA SIX (6) PHASE, FULL-TRAFFIC-ACTUATED MODE. EXCLUSIVE/PERMISSIVE LEFT TURN PHASES WILL BE PROVIDED FOR THE NORTHBOUND AND WESTBOUND MOVEMENTS DURING PHASE II CONSTRUCTION.

WIRING DIAGRAM

NOTE: REMOVE AND DISPOSE OF WIRE FOR EQUIPMENT TO BE ABANDONED DURING THIS PHASE OF CONSTRUCTION. OTHERWISE MAINTAIN WIRING INSTALLED IN PHASE I CONSTRUCTION.



WIRING KEY
 JJJ, KKK, CC - MICROLOOP PROBE LEAD-IN
 ◆ - 3/4 INCH X 10 FOOT GROUND ROD
 LW - LOOP WIRE
 ML - MICRO LOOP PROBE SET
 LLL, MMM, NNN - 2 CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED NO.14 AWG)

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA
 NONE

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	SPECIFICATION SECTION	DESCRIPTION
1009	30 LF	104	24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE
1010	15 LF	104	REMOVAL OF REMOVABLE PREFORMED PAVEMENT MARKINGS - ANY WIDTH
2006	2 CY	205	TEST PIT EXCAVATION
8003	330 LF	805	2" SCHEDULE 80, RIGID PVC CONDUIT - TRENCHED
8010	70 LF	805	1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE
8015	10 LF	805	1" LIQUID TIGHT NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8018	3 EA	810	MICROLOOP PROBE, 1000 FOOT LEAD - IN CABLE
8019	2 EA	811	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8030	5 EA	814	RELOCATE EXISTING SIGNAL HEAD
8034	550 LF	810	ELECTRICAL CABLE- 2 CONDUCTOR (ALUMINUM SHIELDED)
8038	1600 LF	810	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO 14 AWG)
8039	1350 LF	815	SAWCUT FOR SIGNAL (LOOP DETECTOR)

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 2 & 5	R	R	R	R	G	G	R	R	R	R	R	R
5 CHANGE	R	R	R	Y	Y	G	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 3 & 8	R	R	R	R	R	R	G	G	G	R	R	R
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	G	R	R
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FL											
	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R

EQUIPMENT LIST "C"

C. MATERIAL TO BE REMOVED AND RETURNED TO SHA.
 SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

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KCI TECHNOLOGIES
 10 NORTH PARK DRIVE
 HUNT VALLEY, MARYLAND
 21030-1888
 (410) 316-7800

REVISIONS	APPROVALS
REVISION 'E' INTERSECTION RECONSTRUCTION (2/2002) WAI245176 JFL D ADD LEAD LT FOR WB US 40 & RELOCATE SIGNAL HEADS C 4-6-95 ADD NB MD 63 E/P LT B NOVEMBER 1, 1990 INSTALL NEW LOOP DETECTORS FOR SB AND EB APPROACHES	TEAM LEADER TRAFFIC ENGINEERING DESIGN DIVISION ASSOC. 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

TRAFFIC SIGNAL PLAN
 US 40 AND MD 63
 GENERAL INFORMATION SHEET - PHASE II CONSTR.

DRAWN BY: B.T./J.G.	F.A.P. NO. N/A	TS NO. 1199E-GI-X2
CHECKED BY: A.B.	S.H.A. NO. W-657-501-685	T.I.M.S. NO. E486
SCALE: 1" = 20'	COUNTY: WASHINGTON	LOG MILE: #21004014.54
DATE: 2/07/77		SHEET NO. 73 OF 102

TSP-10