PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING LOOP DETECTORS ON MD RTE 450 AT JENNIFER ROAD IN ANNE ARUNDEL COUNTY. MD RTE 450 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

PROJECT CONTACTS

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DISTRICT ENGINEER
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ASSISTANT DISTRICT
ENGINEER-MAINTENANCE
(410) 841-5450

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MR. JOHN MAYS
ASSISTANT DISTRICT
ENGINEER-UTILITIES
(410) 841-5450

MR. BARRY KING
CHIEF, TRAFFIC
ENGINEERING DIVISION
(410) 787-4011

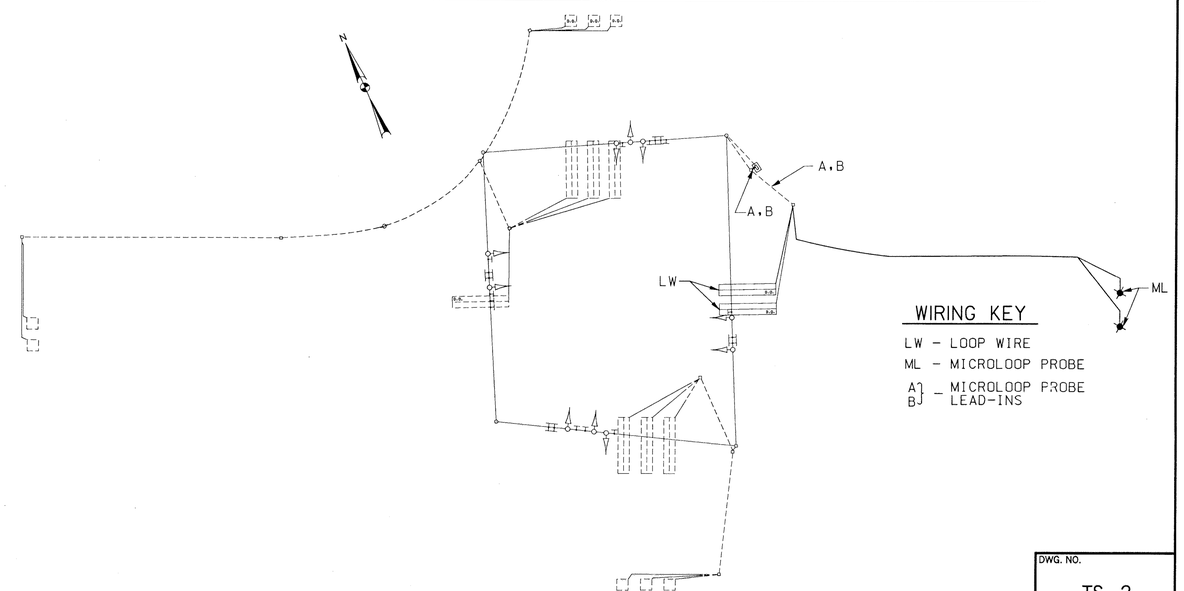
EQUIPMENT LIST 'B'

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

ITEM	QUANTITY	DESCRIPTION
8001	565 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL LOOP DETECTOR
8002	1031 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 A.W.G.)
8003	2 EA	SPLICE KIT FOR LOOP DETECTOR
8004	2 EA	FURNISH AND INSTALL MICROLOOP TRIPLE PROBE SET (500')

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	
PHASE 1 & 5	R ◄G–	R	R ◄G–	R	R	R	R	R	R	R	MD. 450
PHASE 1 & 5 CHANGE	R ◄Y–	R	R ◄Y–	R	R	R	R	R	R	R	
PHASE 1 & 6	G ◄G–	G	R	R	R	R	R	R	R	R	MD. 450
PHASE 1 & 6 CHANGE	G ◄Y–	G	R	R	R	R	R	R	R	R	
PHASE 2 & 5	R	R	G ◄G–	G	R	R	R	R	R	R	MD. 450
PHASE 2 & 5 CHANGE	R	R	G ◄Y–	G	R	R	R	R	R	R	
PHASE 2 & 6	G	G	G	G	R	R	R	R	R	R	MD. 450
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	R	
PHASE 3	R	R	R	R	G ◄G–	G ◄G–	G	R	R	R	U.S. 50 OFF-RAMP
PHASE 3 CHANGE	R	R	R	R	Y	Y	Y	R	R	R	
PHASE 4	R	R	R	R	R	R	R	G ◄G–	G ◄G–	G	JENNIFER ROAD
PHASE 4 CHANGE	R	R	R	R	R	R	R	Y	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	



WIRING KEY

LW – LOOP WIRE
ML – MICROLOOP PROBE
A, B – MICROLOOP PROBE LEAD-INS

WIRING DIAGRAM

DWG. NO. TS- 2

LOG MI. 02045009.51

REVISIONS

1 ADD NEW DETECTOR LOOPS FOR WB MD RTE 450

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

PREPARED BY
URS Greiner
Engineers/Architects/Planners/Surveyors
TIMONIUM, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD ROUTE 450 AND JENNIFER RD./U.S. 50 RAMPS

DATE 1/29/73

DRAWN BY: L.F. CLARY
DESIGN BY: S. RENZI
SCALE: NONE

F.A.P. NO.
S.H.A. NO. AA-316-503-572
COUNTY ANNE ARUNDEL

PLAN SHEET NO.: TS-1050 I

SHEET NO. 15 OF 19