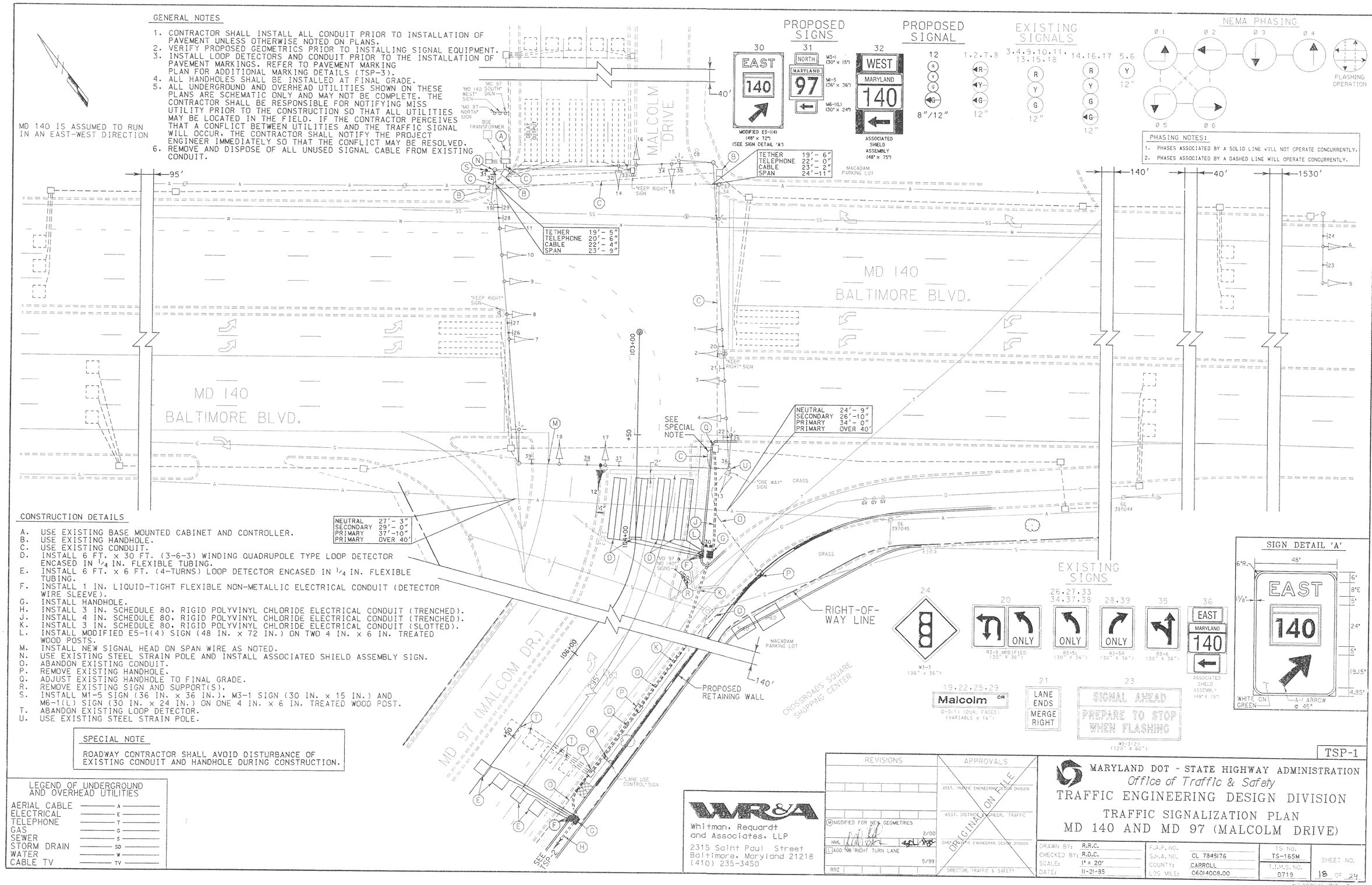
GENERAL NOTES

1. CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO INSTALLATION OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
2. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
3. INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO PAVEMENT MARKING PLAN FOR ADDITIONAL MARKING DETAILS (TSP-3).
4. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE FROM EXISTING CONDUIT.

MD 140 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. INSTALL 6 FT. x 30 FT. (3-6-3) WINDING QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
E. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
G. INSTALL HANDHOLE.
H. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
K. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
L. INSTALL MODIFIED E5-1(4) SIGN (48 IN. x 72 IN.) ON TWO 4 IN. x 6 IN. TREATED WOOD POSTS.
M. INSTALL NEW SIGNAL HEAD ON SPAN WIRE AS NOTED.
N. USE EXISTING STEEL STRAIN POLE AND INSTALL ASSOCIATED SHIELD ASSEMBLY SIGN.
O. ABANDON EXISTING CONDUIT.
P. REMOVE EXISTING HANDHOLE.
Q. ADJUST EXISTING HANDHOLE TO FINAL GRADE.
R. REMOVE EXISTING SIGN AND SUPPORT(S).
S. INSTALL M1-5 SIGN (36 IN. x 36 IN.), M3-1 SIGN (30 IN. x 15 IN.) AND M6-1(L) SIGN (30 IN. x 24 IN.) ON ONE 4 IN. x 6 IN. TREATED WOOD POST.
T. ABANDON EXISTING LOOP DETECTOR.
U. USE EXISTING STEEL STRAIN POLE.

SPECIAL NOTE

ROADWAY CONTRACTOR SHALL AVOID DISTURBANCE OF EXISTING CONDUIT AND HANDHOLE DURING CONSTRUCTION.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	
M	MODIFIED FOR NEW GEOMETRICS — 2/00
NML	
L	ADD NB RIGHT TURN LANE — 5/99
RRZ	

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
MD 140 AND MD 97 (MALCOLM DRIVE)

TSP-1

DRAWN BY: R.R.C.	F.A.P. NO.		TS NO. TS-165M	SHEET NO. 18 OF 24
CHECKED BY: R.D.C.	S.H.A. NO.	CL 7845176		
SCALE: 1" = 20'	COUNTY:	CARROLL	T.I.M.S. NO. D719	
DATE: 11-21-35	LOG MILE:	C6014008.00		

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