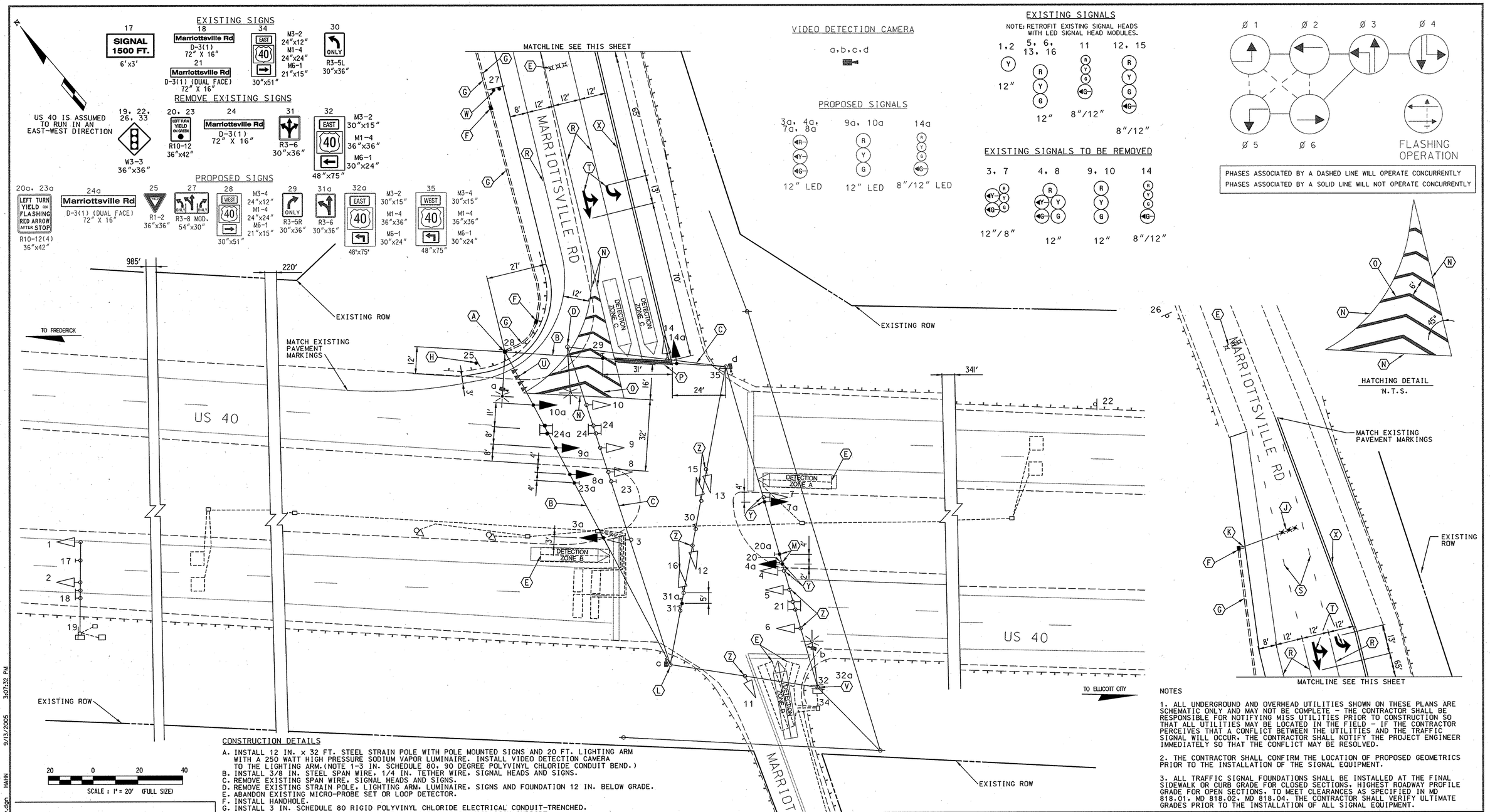

CONSTRUCTION DETAILS

A. INSTALL 12 IN. x 32 FT. STEEL STRAIN POLE WITH POLE MOUNTED SIGNS AND 20 FT. LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. INSTALL VIDEO DETECTION CAMERA TO THE LIGHTING ARM.(NOTE 1-3 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
B. INSTALL 3/8 IN. STEEL SPAN WIRE. 1/4 IN. TETHER WIRE. SIGNAL HEADS AND SIGNS.
C. REMOVE EXISTING SPAN WIRE. SIGNAL HEADS AND SIGNS.
D. REMOVE EXISTING STRAIN POLE. LIGHTING ARM. LUMINAIRE. SIGNS AND FOUNDATION 12 IN. BELOW GRADE.
E. ABANDON EXISTING MICRO-PROBE SET OR LOOP DETECTOR.
F. INSTALL HANDHOLE.
G. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT-TRENCHED.
H. INSTALL GROUND MOUNTED SIGN ONTO ONE (1) 4 IN X 4 IN WOOD SIGN SUPPORT.
J. INSTALL MICRO LOOP PROBE SET.
K. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON METALLIC ELECTRICAL CONDUIT FOR DETECTOR WIRE SLEEVE.
L. EXISTING STRAIN POLE TO REMAIN. INSTALL VIDEO DETECTION CAMERA.
M. REMOVE EXISTING OVERHEAD SIGN. INSTALL PROPOSED SIGN R10-12(4).
N. INSTALL 10 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
O. INSTALL 16 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
P. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
R. INSTALL 5 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
S. INSTALL 5 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (3 FT LINE. 9 FT GAP).
T. INSTALL WHITE PERMANENT PREFORMED PAVEMENT MARKING ARROW.
U. INSTALL 36" X 24" SHARKS TEETH.
V. EXISTING STRAIN POLE AND EXISTING POLE MOUNTED CONTROLLER CABINET TO REMAIN. INSTALL VIDEO DETECTION CAMERA TO THE LIGHTING ARM. SIGN. AND REMOVE EXISTING SIGN.
W. INSTALL GROUND MOUNTED SIGN ONTO TWO (2) 4 IN X 4 IN WOOD SIGN SUPPORTS.
X. INSTALL 5 IN. DOUBLE YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
Y. REMOVE EXISTING SIGNAL HEAD AND INSTALL PROPOSED LED TRAFFIC SIGNAL HEAD.
Z. INSTALL/RETROFIT THE EXISTING SIGNAL HEAD WITH LED SIGNAL HEAD MODULES.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES

NOTES

1. 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 UTILITIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD - IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

2. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.

3. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 818.01. MD 818.02. MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

PREPARED BY
URS
HUNT VALLEY, MARYLAND

REVISIONS			
G	RECONSTRUCT SIGNAL DUE TO NEW GEOMETRICS T-7092	KJS	09/05
F	11/21 SHA NO. 23863713012 REPLACE EB US 40 HIB	DJR	3/06
E	ADDED E/P MAIN LINE & SIDE STREET SPLIT XX1005465		4/7/00
D	ADDED THIRD SIGNAL TO MAIN LINE & REVISED SIGNING 5/98		

APPROVALS
ORIGINAL ON FILE
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
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

TRAFFIC SIGNAL PLAN
US 40 AND MARRIOTTSVILLE ROAD

DRAWN BY:	J. GORDON	F.A.P. NO.	N/A	TS NO.	SHEET NO.
CHECKED BY:	J. GORDON	S.H.A. NO.		TS-1622G	
SCALE:	1"=20'	COUNTY:	HOWARD	T.I.M.S. NO.	
DATE:	9/25/79	LOG MILE:	13004013.32	G326	1 OF 2

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