WED APR 09 14:24:23 1997 C:/PLOT801/QUEUE/SOLMYLAR.OCF P:/SOLMYLAR/30802T01.PRF

F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

GENERAL NOTES:

1. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO PAVEMENT MARKINGS.
3. ALL POLE AND CABINET FOUNDATIONS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
4. FOR THE INSTALLATION OF PAVEMENT MARKINGS SEE THE PAVEMENT MARKING PLAN.
5. DETECTOR LOCATION SHALL BE CONFIRMED WITH THE PAVEMENT MARKING PLAN PRIOR TO INSTALLATION.
6. DURING INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT, THE CONTRACTOR SHALL REPLACE/REPAIR ANY DAMAGE TO EXISTING SIDEWALKS - AS DIRECTED BY ENGINEER.

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE (CUT TO 21 FT.) WITH TWIN 50 FT.(CUT TO 38 FT.)/60 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, AND SIGNS (NOTE: INSTALL 1-2 IN. SCHEDULE 80 AND 1-4 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BENDS IN POLE BASE).
B. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL, SIGNS, PUSHBUTTON AND R10-3C SIGN (NOTE: INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 40, 90 DEGREE PVC CONDUIT BENDS).
C. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 1-2 IN. SCHEDULE 80, 1-2 IN. AND 2-4 IN SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT.
D. INSTALL HANDHOLE.
E. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
F. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTROR WIRE SLEEVE).
G. INSTALL 2 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
J. INSTALL 4 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
K. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
L. PROPOSED OVERHEAD ELECTRICAL SERVICE.
M. REMOVE EXISTING STRAIN POLE.
N. REMOVE EXISTING STRAIN POLE AND POLE MOUNTED CABINET AND CONTROLLER.
O. REMOVE EXISTING STRAIN POLE, PEDESTRIAN SIGNAL AND PUSHBUTTON.
P. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS AND SIGNS.
Q. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL, PUSHBUTTON AND R10-3C SIGN (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
R. USE EXISTING CONDUIT.
S. USE EXISTING HANDHOLE.
T. ABANDON EXISTING LOOP DETECTOR.
U. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL AND PUSHBUTTON.
V. INSTALL MICROLOOP PROBE SET.
W. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
X. ABANDON EXISTING HANDHOLE.
Y. ABANDON EXISTING CONDUIT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

Utility	Line
AERIAL CABLE	——A——
ELECTRICAL	——E——
TELEPHONE	——T——
GAS	——G——
SEWER	——S——
WATER	——W——
CABLE TV	——TV——

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REVISIONS

Ⓖ RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS 3 97

NML

Ⓕ MOD. DUE TO WIDENING AT RED PUMP ROAD 4/97

JWE

APPROVALS

ASSISTANT DIVISION CHIEF

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

REVISIONS

LOG MILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 24 AND BYNUM ROAD/RED PUMP ROAD

DATE:	3-31-97	DRAWN BY:	S.BLOSS	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE:	1" = 20'	DESIGNED BY:	N.LEARY	S.H.A. NO.	HA-116-5176	TS-833G	1 OF 3
APPROVED BY:		CHECKED BY:	T.HANNAN	COUNTY	HARFORD		

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