CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./64 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, PHOTOCELL, SIGNS AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
B. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT./70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
C. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD, TWO-CIRCUIT FLASHER UNIT AND CONTROL AND DISTRIBUTION EQUIPMENT (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE).
D. INSTALL HANDHOLE.
E. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED TELEPHONE SERVICE. CAP AND MARK CONDUIT AT UTILITY POLE.
F. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED ELECTRICAL SERVICE. CAP AND MARK CONDUIT AT UTILITY POLE.
G. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
J. REMOVE EXISTING STRAIN POLE, POLE MOUNTED CABINET, TWO-CIRCUIT FLASHER UNIT AND STREET LIGHTING. REMOVE AND DISPOSE OF EXISTING FOUNDATION 12 IN. BELOW GRADE.
K. REMOVE EXISTING STRAIN POLE AND STREET LIGHTING. REMOVE AND DISPOSE OF EXISTING FOUNDATION 12 IN. BELOW GRADE.
L. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS.

GENERAL 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 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.
2. U.S. 301 ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE MAINLINE ROADWAY.
3. SET ANCHOR BOLTS FOR BOTH STEEL POLES TO ENSURE MAST ARMS MAINTAIN MINIMUM 2 FT. CLEARANCE FROM OVERHEAD CABLE LINES.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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

REVISIONS
C RECONSTRUCT INTERSECTION CONTROL BEACON 9/98
B ADD LUMINAIRES 2/1/95

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
U.S. 301 AND MD 456

DRAWN BY: J.JADNORSKI	F.A.P. NO.	TS NO. TS-937C	SHEET NO.
CHECKED BY:	S.H.A. NO. AW296A5H/BSH		
SCALE: 1"= 20'	COUNTY: QUEEN ANNES	T.I.M.S. NO.	1 OF 2
DATE:	LOG MILE:		

LOG MI 1703 0112.99

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