



CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE, 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)

B. INSTALL ELECTRICAL HANDHOLE

C. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED

D. USE EXISTING BASE MOUNTED CABINET - INSTALL 2 IN. PVC CONDUIT BEND IN EXISTING CONCRETE FOUNDATION

E. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED (STUB-UP AT BASE OF UTILITY POLE)

F. CAP AND ABANDON EXISTING CONDUIT

G. REMOVE EXISTING HANDHOLE

H. USE EXISTING HANDHOLE

I. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING

J. REMOVE EXISTING POLE, MAST ARM, SIGNAL HEADS, SIGNS, FOUNDATION 12 IN. BELOW GRADE, DISCONNECT AND REMOVE ALL ASSOCIATED ELECTRICAL UTILITY SERVICE EQUIPMENT, RELOCATE STREET NAME SIGN TO NEW MAST ARM

K. INSTALL VIDEO DETECTION CAMERA TO MAST ARM POLE

L. INSTALL VIDEO INTERFACE EQUIPMENT IN EXISTING BASE MOUNTED CABINET

M. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED

N. INSTALL (EMBEDDED) METERED SERVICE PEDESTAL

P. USE EXISTING CONDUITS

Q. ABANDON EXISTING DETECTION

R. INSTALL CONCRETE FOUNDATION WITH 10 FT. BREAKAWAY PEDESTAL POLE AND SIGNAL HEAD (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)

S. REMOVE EXISTING WOOD SUPPORT AND SIGN

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

2. 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 CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

3. ALL PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE INSTALLED BY OTHERS.

4. THE CONTRACTOR SHALL REMOVE ANY UNUSED WIRING.

5. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION ENGINEER	
OFFICE DIRECTOR	
	(1) REVISE GEOMETRY ON MD 277 AND INSTALL NEW SIGNAL EQUIPMENT 5-23-08 S.H.A. NO. BW-2008-002 SR (2) CHANGE FROM EXCLUSIVE/PERMISSIVE LEFT TURN PHASING TO EXCLUSIVE 11-95

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL PLAN
MD 279 AND MD 277 /STONEGATE BLVD.

SCALE 1"=20' DATE 11-17-95 CONTRACT NO. BW 503-802-212

DESIGNED BY JCB COUNTY CECIL
DRAWN BY BRUCE THOMPSON LOGMILE 07027904.91
CHECKED BY BDB T.I.M.S. NO. J-106
F.A.P. NO. NA TOD NO.

DRAWING NO. TS-1541 F SHEET NO. 1 OF 3

FILE PATH: J:\DATA\106\108_Signalplan.dgn
DATE: Tuesday, July 08, 2008 AT 07:56 AM