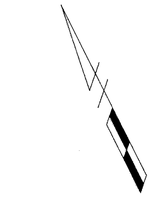
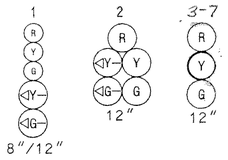


MD 216 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

PROPOSED SIGNALS

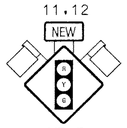


PROPOSED SIGNALS

8

R10-12
36 IN. X 42 IN.

11.12



W3-3
48 IN. X 48 IN.

10

72 IN. X 24 IN.

9

R3-5R
36 IN. X 42 IN.

FULTON SCHOOL CAMPUS

LANE MARKING LOCATION TABLE	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
RIGHT ARROW	50'
ONLY	82'
RIGHT ARROW	114'
R3-7b(R) SIGN	114'

NEMA PHASING

PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. INSTALL BASE MOUNTED CABINET AND CONTROLLER AND CONTROL AND CONTROL AND DISTRIBUTION EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT. 70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
C. INSTALL HANDHOLE
D. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
E. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
F. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
G. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
H. PROPOSED ELECTRICAL SERVICE BY BG&E
J. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
K. INSTALL MICROLOOP PROBE
L. INSTALL W3-3 SIGNS ON ONE 4 IN. X 6 IN. POST APPROXIMATELY 500 FT. IN ADVANCE OF THE INTERSECTION
M. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKINGS
N. INSTALL 5 IN. YELLOW PERMANENT PREFORMED PAVEMENT MARKINGS
O. REMOVE EXISTING PAVEMENT MARKING
P. CUT, CLEAN, GALVANIZE AND CAP MAST ARM
Q. INSTALL 5 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
R. REMOVE EXISTING STOP SIGN
S. INSTALL "ARROW" AND "ONLY" PAVEMENT MARKING (SEE TABLE)
T. INSTALL R3-7b(R) SIGN ON TWO 4 IN. X 6 IN. WOOD SIGN SUPPORTS (SEE TABLE)
U. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL ELECTRICAL CONDUIT (TRENCHED)
V. INSTALL R1-2 SIGN ON ONE 4 IN. X 6 IN. WOOD SIGN SUPPORT
W. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE AND SIGNAL HEAD (NOTE: 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)

UTILITY HEIGHTS

(A) C & P = 15' - 2"
CATV = 17' - 6"

GENERAL NOTES

1. For mast arm 'B' the 50 ft. arm shall have a "T" dimension of 19'-6". The foundation for this pole base shall be constructed in order to have 2 ft. minimal clearance from the CATV line at 17'-6" height.
2. Install presence detectors 1 ft behind the stopline.
3. Loop detectors and conduit shall be installed prior to the installation of pavement markings.
4. 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 ocurr, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
5. Street light installation to be coordinated by Howard County.

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

REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 5/30/01

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 5/30/01

DIRECTOR, TRAFFIC & SAFETY 6/6/01

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
MD 216 AND FULTON SCHOOL CAMPUS

DRAWN BY:	T. ZAYDEL	F.A.P. NO.		TS NO. 4092	SHEET NO.
CHECKED BY:	K. SCHMID	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	HOWARD	T.I.M.S. NO. E-216	1 OF 2
DATE:	4-27-01	LOG MILE:	13021604.74		