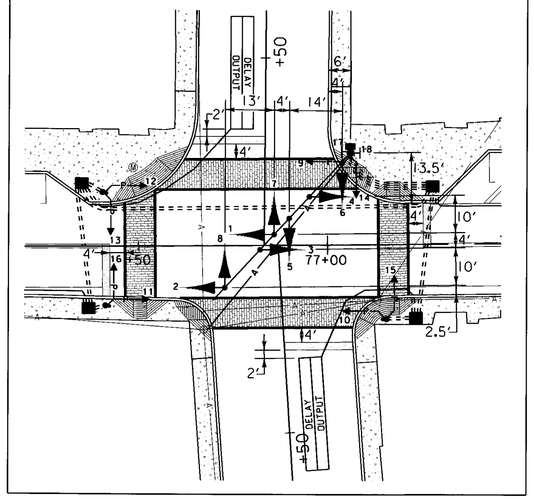
MD 75 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

DIMENSION DETAIL

SCALE : 1"=20'



SIGNS

17,18

Broadway ST

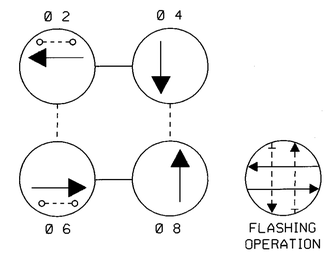
D-3(1)
(VARIABLE x 16")

SIGNAL HEADS

1-8 (R, Y, G) 8"

9-16 12"

NEMA PHASING

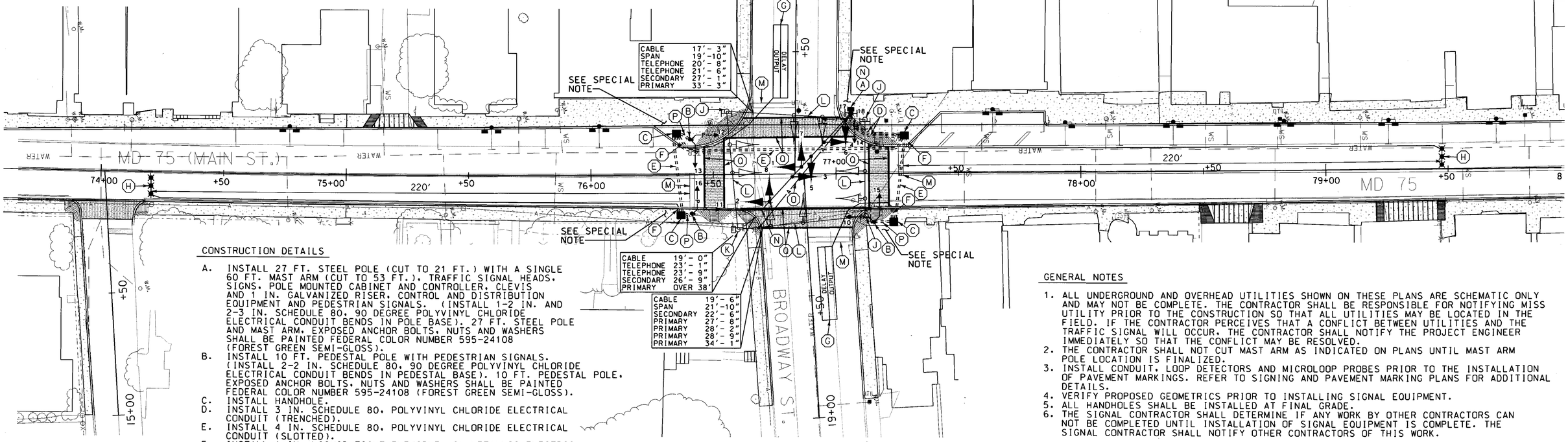


PHASING NOTES:

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

SPECIAL NOTE:

CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE (CUT TO 21 FT.) WITH A SINGLE 60 FT. MAST ARM (CUT TO 53 FT.), TRAFFIC SIGNAL HEADS, SIGNS, POLE MOUNTED CABINET AND CONTROLLER, CLEVIS AND 1 IN. GALVANIZED RISER, CONTROL AND DISTRIBUTION EQUIPMENT AND PEDESTRIAN SIGNALS. (INSTALL 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE). 27 FT. STEEL POLE AND MAST ARM, EXPOSED ANCHOR BOLTS, NUTS AND WASHERS SHALL BE PAINTED FEDERAL COLOR NUMBER 595-24108 (FOREST GREEN SEMI-GLOSS).

B. INSTALL 10 FT. PEDESTAL POLE WITH PEDESTRIAN SIGNALS. (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE). 10 FT. PEDESTAL POLE, EXPOSED ANCHOR BOLTS, NUTS AND WASHERS SHALL BE PAINTED FEDERAL COLOR NUMBER 595-24108 (FOREST GREEN SEMI-GLOSS).

C. INSTALL HANDHOLE.

D. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

E. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).

F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

G. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

H. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.

J. REMOVE EXISTING STRAIN POLE AND SIGNS. REMOVE FOUNDATION 12 IN. BELOW GRADE.

K. REMOVE EXISTING STRAIN POLE, CABINET AND CONTROLLER AND SIGNS. REMOVE FOUNDATION 12 IN. BELOW GRADE.

L. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS.

M. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).

N. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.

O. PROPOSED OVERHEAD ELECTRICAL AND TELEPHONE SERVICE.

P. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

Q. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).

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. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
3. INSTALL CONDUIT, LOOP DETECTORS AND MICROLOOP PROBES PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL DETAILS.
4. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
6. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS	APPROVALS
(A) RECONSTRUCTION OF TRAFFIC SIGNAL SHA CONTRACT NO. CL8365184 3/8/02	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
NML AWB	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	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 MD 75 (MAIN ST) AND BROADWAY ST

DRAWN BY:	F.A.P. NO.	TS NO. 730 A	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: CARROLL	T.I.M.S. NO. E067	OF
DATE: 4/3/02	LOG MILE: 060075.00.65		

M:\31455\Sg01m75.dgn