MD 713 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

17,18	19,22	21	(2 EACH)
LEFT TURN YIELD ON GREEN		ONLY	
R10-12 36"x42"	R3-6L 30"x36"	R3-5R 30"x36"	R10-4(1) 9"X12"

24a: ← Teague Rd. — D3-2 DUAL FACE SIGN VAR.x16"

24b: Teague Rd. → — D3-2 DUAL FACE SIGN VAR.x16"

20A,20B,23A,23B: Ridge Rd. — D3-2 DUAL FACE SIGN VAR. X 16"

EXISTING SIGNALS

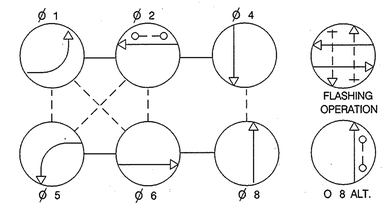
1,4: Y G R Y G — 12" 8"

2,5: R Y G R Y G — 12"

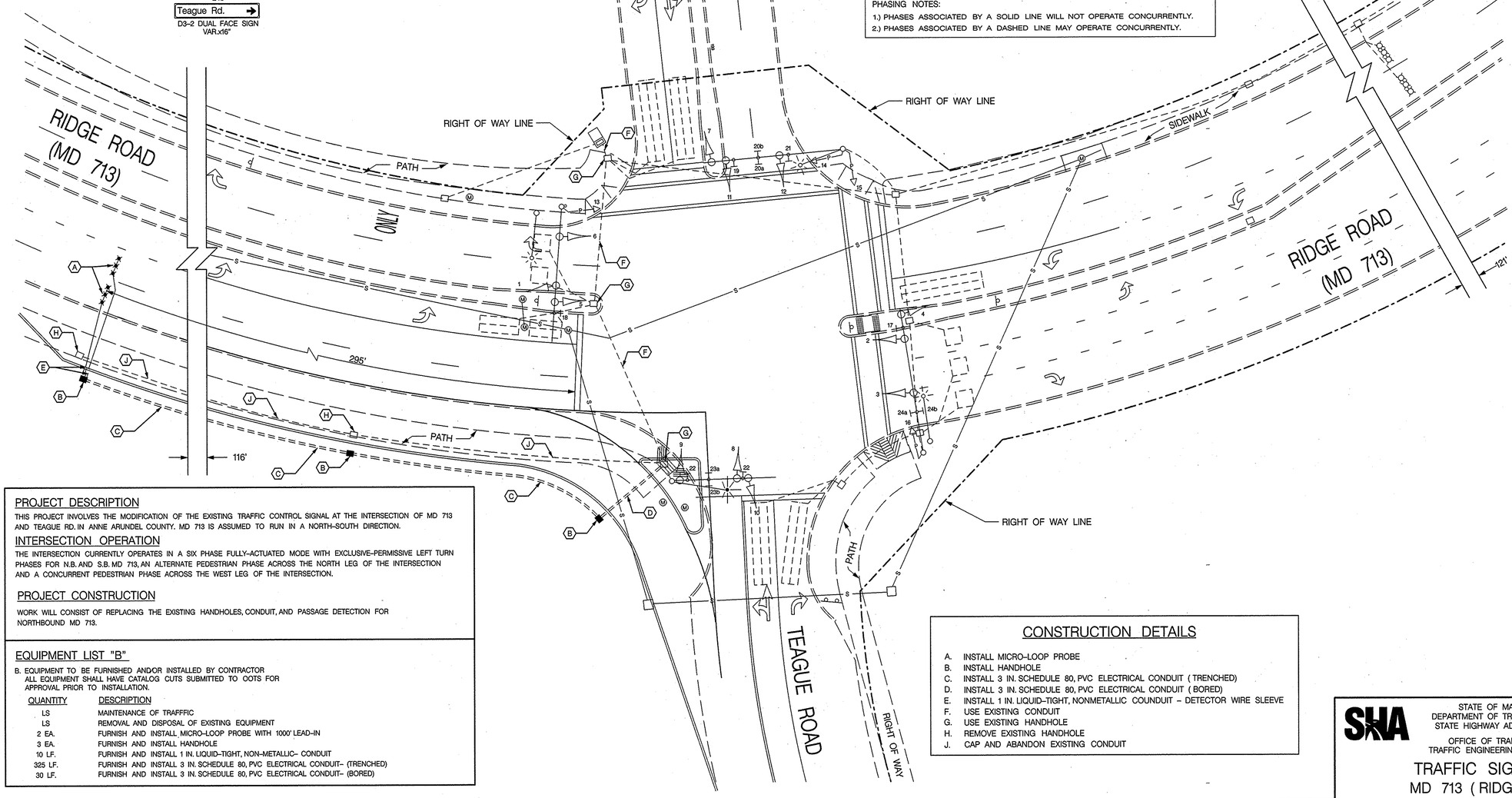
3,6-12: R Y G — 12"

13,16: 12"

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.



PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 713 AND TEAGUE RD. IN ANNE ARUNDEL COUNTY. MD 713 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A SIX PHASE FULLY-ACTUATED MODE WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR N.B. AND S.B. MD 713, AN ALTERNATE PEDESTRIAN PHASE ACROSS THE NORTH LEG OF THE INTERSECTION AND A CONCURRENT PEDESTRIAN PHASE ACROSS THE WEST LEG OF THE INTERSECTION.

PROJECT CONSTRUCTION

WORK WILL CONSIST OF REPLACING THE EXISTING HANDHOLES, CONDUIT, AND PASSAGE DETECTION FOR NORTHBOUND MD 713.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFFIC
LS	REMOVAL AND DISPOSAL OF EXISTING EQUIPMENT
2 EA.	FURNISH AND INSTALL MICRO-LOOP PROBE WITH 1000' LEAD-IN
3 EA.	FURNISH AND INSTALL HANDHOLE
10 LF.	FURNISH AND INSTALL 1 IN. LIQUID-TIGHT, NON-METALLIC- CONDUIT
325 LF.	FURNISH AND INSTALL 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT- (TRENCHED)
30 LF.	FURNISH AND INSTALL 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT- (BORED)

CONSTRUCTION DETAILS

A. INSTALL MICRO-LOOP PROBE
B. INSTALL HANDHOLE
C. INSTALL 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT (TRENCHED)
D. INSTALL 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT (BORED)
E. INSTALL 1 IN. LIQUID-TIGHT, NONMETALLIC COUNDUIT - DETECTOR WIRE SLEEVE
F. USE EXISTING CONDUIT
G. USE EXISTING HANDHOLE
H. REMOVE EXISTING HANDHOLE
J. CAP AND ABANDON EXISTING CONDUIT

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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. INSTALL THE MICRO-LOOP PROBE LEAD-IN THROUGH THE PROPOSED AND EXISTING CONDUIT TO THE EXISTING BASE MOUNTED CABINET.

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

APPROVALS: TEAM LEADER / ASST. DIV. CHIEF / DIVISION CHIEF / OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS

A	1-6-06	REPLACE N.B. MD 713 PASSAGE DETECTION SHA NO. BW936M82
TMZ		

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

TRAFFIC SIGNAL PLAN
MD 713 (RIDGE ROAD) & TEAGUE RD./ARUNDEL MILLS H-BLOCK

SCALE 1"=20' DATE 11-25-02 CONTRACT NO. AT 3585185

DESIGNED BY
DRAWN BY WT
CHECKED BY CT
F.A.P. NO. N/A
COUNTY ANNE ARUNDEL
LOGMILE Q2B71300.06
T.I.M.S. NO. H 313
TOD NO.

DRAWING NO. TS- 42401 A — SHEET NO. 1 OF 1

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