MD 45 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

13 — Cross Campus Dr — D-3(1) (DUAL FACED)

14 — Terrace Dale Dr — D-3(1) (DUAL FACED)

15 — York Rd — D-3(1) (DUAL FACED)

16 — ONLY — R3-5L (24" x 30")

EXISTING SIGNS TO BE REMOVED

17A — R4-7 (MODIFIED) (24"x30")

PROPOSED SIGNS

17 — R4-7 (MODIFIED) (24"x30") SEE SIGN ARROW DETAIL

EXISTING SIGNALS TO BE REMOVED

1A, 2A, 3A, 4A — R Y G 12"

5A, 6A, 7A, 8A — R Y G 8"

EXISTING SIGNALS TO REMAIN

9, 10, 11, 12

PROPOSED SIGNAL HEADS

1, 2, 3, 4, 6, 8 — R Y G 12"

5, 7 — R Y G G 12"

NEMA PHASING

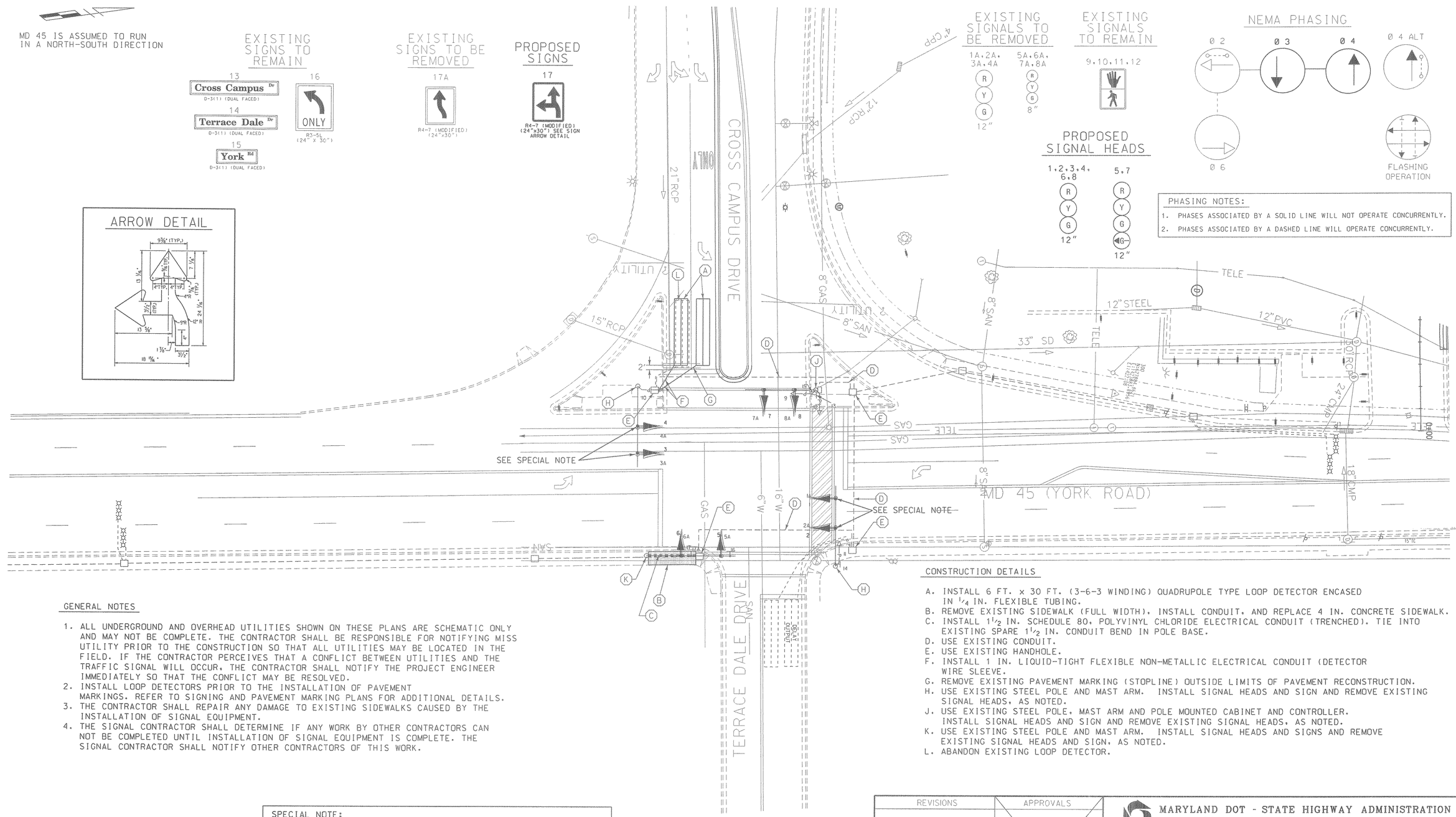
Ø 2 Ø 3 Ø 4 Ø 4 ALT Ø 6

FLASHING OPERATION

PHASING NOTES:

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

ARROW DETAIL



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. INSTALL LOOP DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL DETAILS.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
4. 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.

CONSTRUCTION DETAILS

A. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
B. REMOVE EXISTING SIDEWALK (FULL WIDTH), INSTALL CONDUIT, AND REPLACE 4 IN. CONCRETE SIDEWALK.
C. INSTALL 1 1/2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED). TIE INTO EXISTING SPARE 1 1/2 IN. CONDUIT BEND IN POLE BASE.
D. USE EXISTING CONDUIT.
E. USE EXISTING HANDHOLE.
F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE.
G. REMOVE EXISTING PAVEMENT MARKING (STOPLINE) OUTSIDE LIMITS OF PAVEMENT RECONSTRUCTION.
H. USE EXISTING STEEL POLE AND MAST ARM. INSTALL SIGNAL HEADS AND SIGN AND REMOVE EXISTING SIGNAL HEADS, AS NOTED.
J. USE EXISTING STEEL POLE, MAST ARM AND POLE MOUNTED CABINET AND CONTROLLER. INSTALL SIGNAL HEADS AND SIGN AND REMOVE EXISTING SIGNAL HEADS, AS NOTED.
K. USE EXISTING STEEL POLE AND MAST ARM. INSTALL SIGNAL HEADS AND SIGNS AND REMOVE EXISTING SIGNAL HEADS AND SIGN, AS NOTED.
L. ABANDON EXISTING LOOP DETECTOR.

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

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RECONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHOULD BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

WR&A
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(410) 235-3450

REVISIONS	APPROVALS
	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
(A) INSTALL SIDE STREET SPLIT PHASING 4/26/02	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
MD 45 (YORK ROAD) AT CROSS CAMPUS DR.

DRAWN BY:	F.A.P. NO. N/A	TS NO. 4184A	SHEET NO.
CHECKED BY:	S.H.A. NO. N/A		
SCALE:	COUNTY: BALTIMORE	T.I.M.S. NO. D422	6 OF 7
DATE:	LOG MILE: 03045001.29		