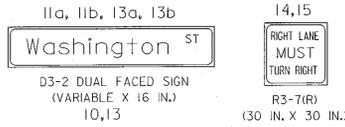
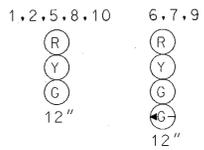


F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

EXISTING SIGNS



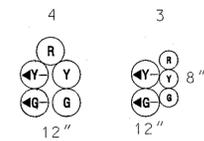
EXISTING SIGNAL HEADS



PROPOSED SIGNS

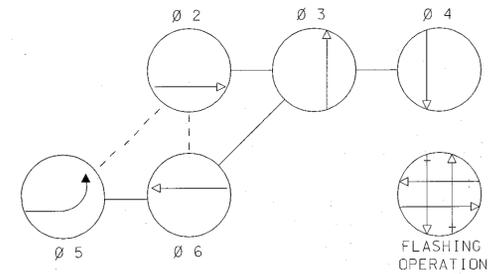


PROPOSED SIGNAL HEADS



MD 253 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

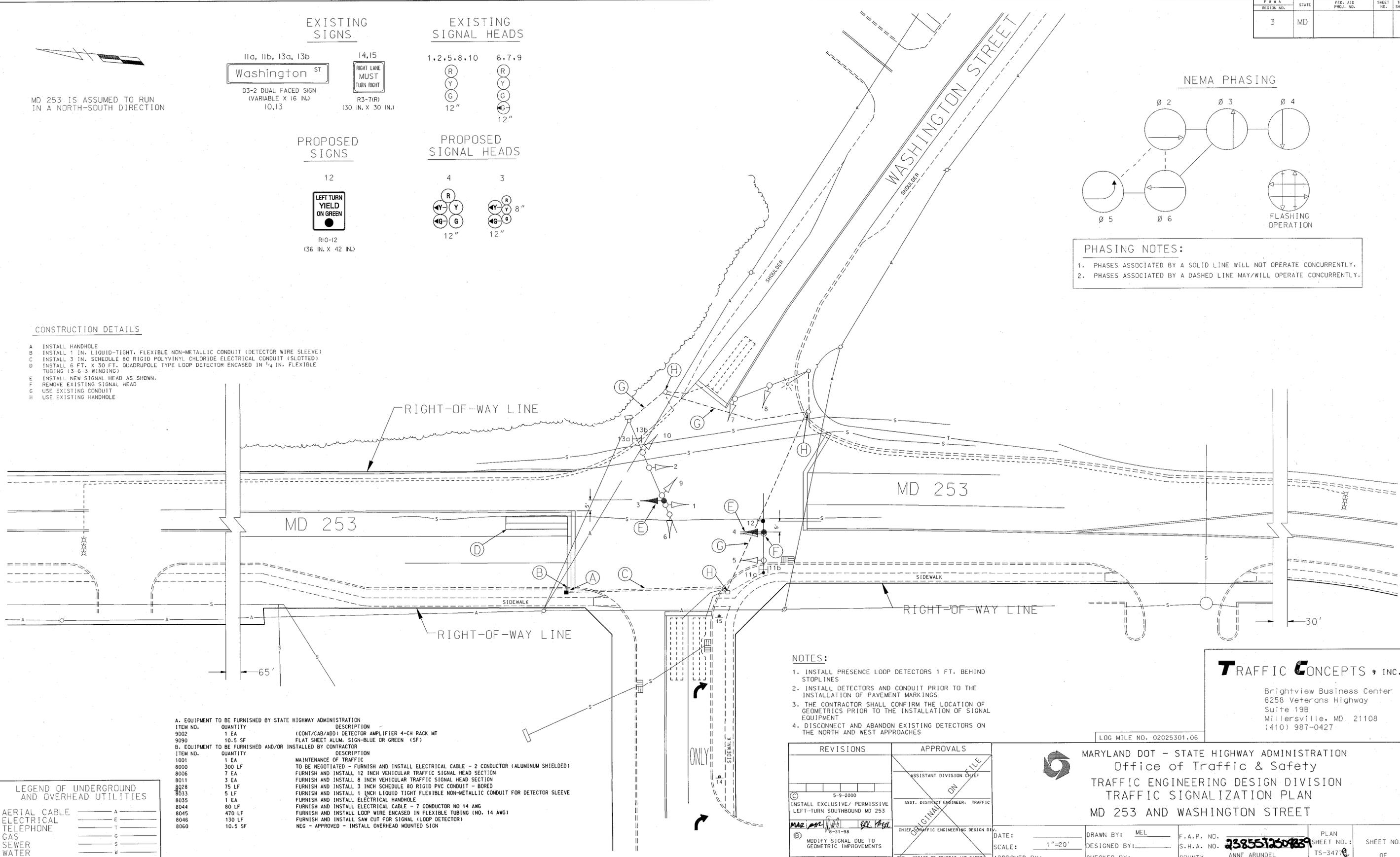
NEMA PHASING



PHASING NOTES:
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

- A. INSTALL HANDHOLE
- B. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
- C. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
- D. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- E. INSTALL NEW SIGNAL HEAD AS SHOWN.
- F. REMOVE EXISTING SIGNAL HEAD
- G. USE EXISTING CONDUIT
- H. USE EXISTING HANDHOLE



- NOTES:**
- INSTALL PRESENCE LOOP DETECTORS 1 FT. BEHIND STOPLINES
 - INSTALL DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS
 - THE CONTRACTOR SHALL CONFIRM THE LOCATION OF GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT
 - DISCONNECT AND ABANDON EXISTING DETECTORS ON THE NORTH AND WEST APPROACHES

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION		DESCRIPTION
ITEM NO.	QUANTITY	
9002	1 EA	(CONT/CAB/ADD) DETECTOR AMPLIFIER 4-CH RACK MT
9090	10.5 SF	FLAT SHEET ALUM. SIGN-BLUE OR GREEN (SF)
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR		DESCRIPTION
ITEM NO.	QUANTITY	
1001	1 EA	MAINTENANCE OF TRAFFIC TO BE NEGOTIATED - FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8000	300 LF	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8006	7 EA	FURNISH AND INSTALL 8 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8011	3 EA	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8028	75 LF	FURNISH AND INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8033	5 LF	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8035	1 EA	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR NO 14 AWG
8044	80 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8045	470 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8046	130 LF	NEG - APPROVED - INSTALL OVERHEAD MOUNTED SIGN
8060	10.5 SF	

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISIONS	APPROVALS
5-9-2000 (C) INSTALL EXCLUSIVE/ PERMISSIVE LEFT-TURN SOUTHBOUND MD 253 MAR 10 2000 (B) MODIFY SIGNAL DUE TO GEOMETRIC IMPROVEMENTS	ASSISTANT DIVISION CHIEF ASST. DISTRICT ENGINEER, TRAFFIC CHIEF TRAFFIC ENGINEERING DESIGN DIV. OFFICE OF TRAFFIC AND SAFETY

LOG MILE NO. 02025301.06

TRAFFIC CONCEPTS, INC.
 Brightview Business Center
 8258 Veterans Highway
 Suite 19B
 Millersville, MD 21108
 (410) 987-0427

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 TRAFFIC SIGNALIZATION PLAN
 MD 253 AND WASHINGTON STREET

DATE: _____
 SCALE: 1"=20'
 APPROVED BY: _____

DRAWN BY: MEL
 DESIGNED BY: _____
 CHECKED BY: _____

F.A.P. NO. _____
 S.H.A. NO. 238551250483
 COUNTY ANNE ARUNDEL

PLAN SHEET NO.: TS-347
 SHEET NO. _____ OF _____