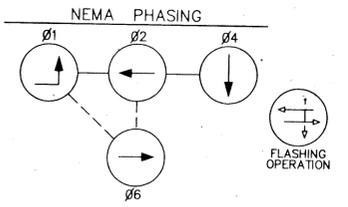
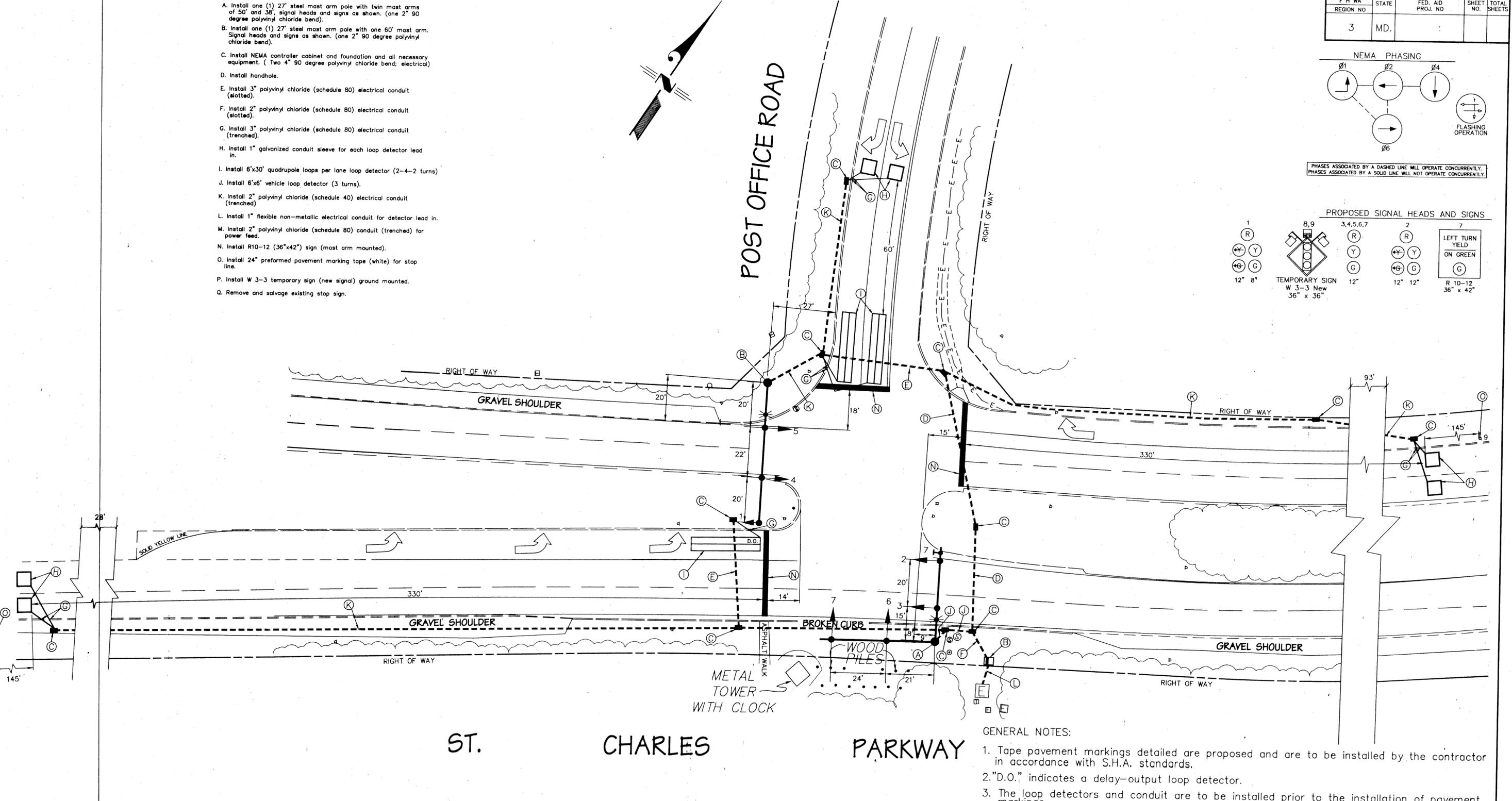
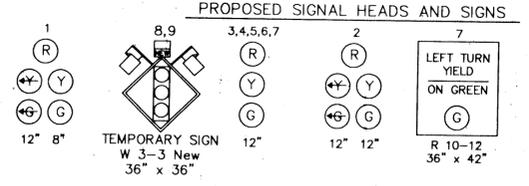


- CONSTRUCTION DETAILS**
- A. Install one (1) 27' steel mast arm pole with twin mast arms of 50' and 38', signal heads and signs as shown. (one 2" 90 degree polyvinyl chloride bend).
 - B. Install one (1) 27' steel mast arm pole with one 60' mast arm. Signal heads and signs as shown. (one 2" 90 degree polyvinyl chloride bend).
 - C. Install NEMA controller cabinet and foundation and all necessary equipment. (Two 4" 90 degree polyvinyl chloride bend; electrical)
 - D. Install handhole.
 - E. Install 3" polyvinyl chloride (schedule 80) electrical conduit (slotted).
 - F. Install 2" polyvinyl chloride (schedule 80) electrical conduit (slotted).
 - G. Install 3" polyvinyl chloride (schedule 80) electrical conduit (trenched).
 - H. Install 1" galvanized conduit sleeve for each loop detector lead in.
 - I. Install 6'x30' quadrupole loops per lane loop detector (2-4-2 turns)
 - J. Install 6'x6' vehicle loop detector (3 turns).
 - K. Install 2" polyvinyl chloride (schedule 40) electrical conduit (trenched)
 - L. Install 1" flexible non-metallic electrical conduit for detector lead in.
 - M. Install 2" polyvinyl chloride (schedule 80) conduit (trenched) for power feed.
 - N. Install R10-12 (36"x42") sign (mast arm mounted).
 - O. Install 24" preformed pavement marking tape (white) for stop line.
 - P. Install W 3-3 temporary sign (new signal) ground mounted.
 - Q. Remove and salvage existing stop sign.

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



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



- GENERAL NOTES:**
1. Tape pavement markings detailed are proposed and are to be installed by the contractor in accordance with S.H.A. standards.
 2. "D.O." indicates a delay-output loop detector.
 3. The loop detectors and conduit are to be installed prior to the installation of pavement markings.

GEOMETRICS LEGEND

--- EXISTING GEOMETRICS
- - - PROPOSED GEOMETRICS

UTILITY LEGEND

- T - TELEPHONE CABLES
- U - UNDERGROUND CABLES
- G - GAS MAIN
- W - WATER MAIN
- E - ELECTRIC CABLES
- S - SEWER MAIN
- A - AERIAL CABLES

MCV ASSOCIATES, INC.
4605-C PINCREST OFFICE PARK DRIVE
ALEXANDRIA, VIRGINIA 22312
(703) 914-4850

REVISIONS	APPROVALS
	<i>[Signature]</i> 12/9/96 CHIEF, SIGNAL DESIGN SECTION
	<i>[Signature]</i> 12/9/96 ASST. DISTRICT ENGINEER, TRAFFIC
	<i>[Signature]</i> 12/9/96 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 12/13 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

DRAWN BY: MARTIN
DES. BY: D.H.
CHK. BY: *[Signature]* 12-9-96

POST OFFICE ROAD AT ST. CHARLES PARKWAY

DATE: NOVEMBER 4, 1996 F.A.P. NO. _____
SCALE: 1" = 20' S.H.A. NO. _____

LOG MILE NO.: _____ COUNTY: CHARLES
TS/STD. NO. 3633 - P SHEET NO. 1 OF 2