CONSTRUCTION DETAILS

A. Install 27' steel pole with twin 50'/70' mast arm, traffic signal heads, signs, one-autoscope detector mounted on 20' lighting arm with a 250W-HPS luminaire, one auto-scope detector mounted on 6' adjustable astro bracket and pedestrian signal head and pushbutton with pedestrian education sign as shown. (Note: 1-2", 90° and 1-3", 90° PVC (Schedule 80) bends.)(70' mast arm is on side road.)

B. Install 27' steel pole (cut to 21') with twin 50'/70' mast arm, traffic signal heads, signs and two autoscope detector mounted on 6' adjustable astro bracket,and pedestrian signal head and pushbutton with educational sign,as shown. (Note: 1-3", 90° PVC (Schedule 80) bend.) (70' mast arm is on side road.)

C. Install 10' breakaway pedestal pole and pedestrian signal heads. Install pushbutton with pedestrian education sign as indicated. (Note: 1-3", 90° PVC (Schedule 80) bend.)

D. Install NEMA size "6" base-mounted cabinet and master/local controller with all necessary equipment, control and distribution equipment as shown. (Note: 2-2", 90° and 2-4", 90° PVC (Schedule 80) bends)

E. Remove and replace existing sidewalk or install new sidewalk

F. Install 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

G. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

H. Install 1" galvanized electrical conduit for detector sleeve.

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

L. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

M. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service. Service shall be relocated by PEPCO.

N. Use existing handhole, cap and abandon existing conduit.

O. Remove existing strain pole, span or pedestal pole and all attached equipment. (Foundation to be removed 12" below grade).

P. Remove existing controller and cabinet, service equipment, foundation and bends.

Q. Install electrical handhole.

R. Remove and replace monolithic median and depress as indicated

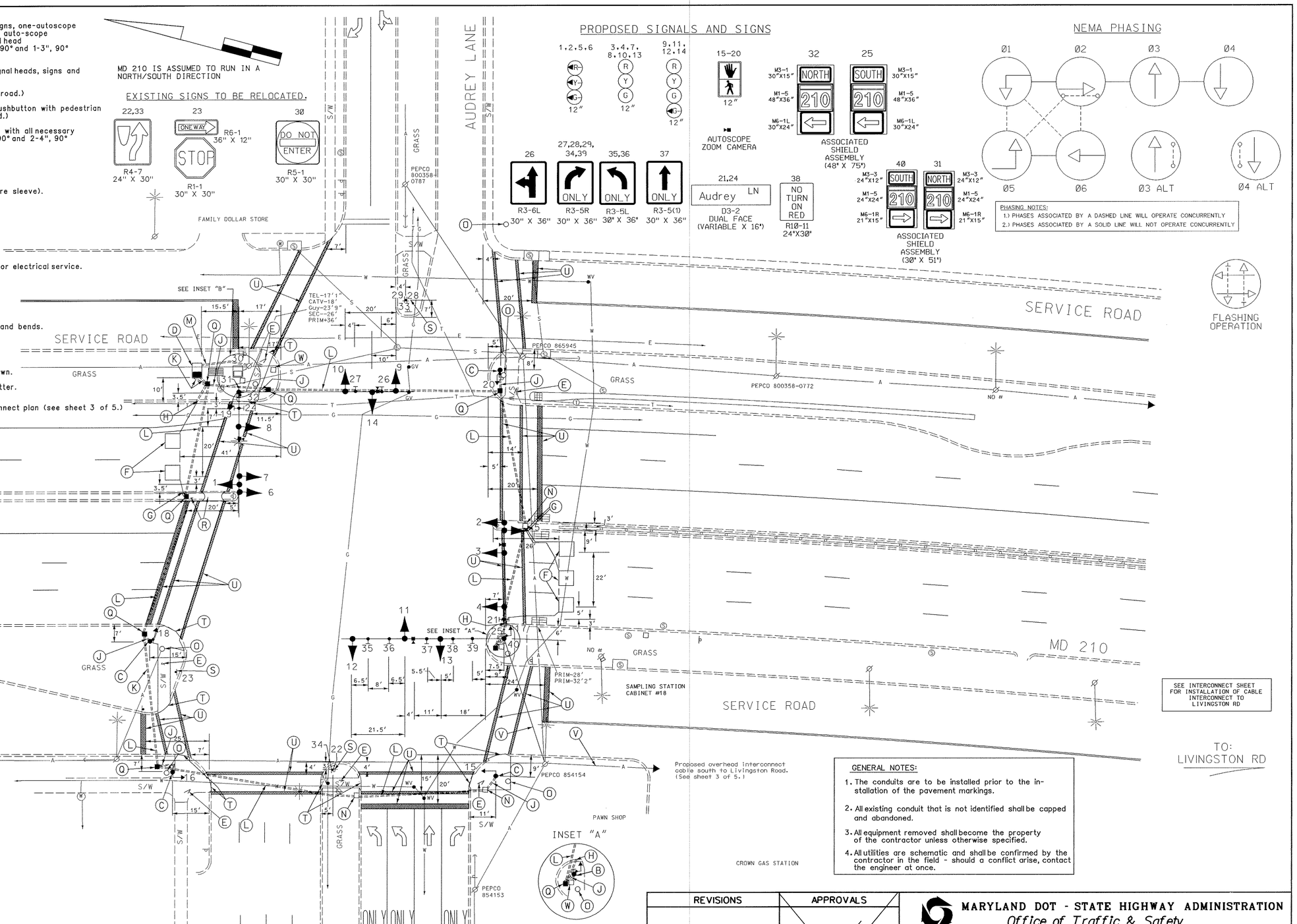
S. Remove existing sign and replace with new display or relocate as shown.

T. Remove existing curb and gutter, replace with depressed curb and gutter.

U. Remove existing and install proposed pavement markings as shown.

V. Install 12-pair voice grade interconnect cable as shown on the interconnect plan (see sheet 3 of 5.)

W. Remove existing handhole.



GENERAL NOTES:

1. The conduits are to be installed prior to the installation of the pavement markings.
2. All existing conduit that is not identified shall be capped and abandoned.
3. All equipment removed shall become the property of the contractor unless otherwise specified.
4. All utilities are schematic and shall be confirmed by the contractor in the field - should a conflict arise, contact the engineer at once.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISION "A"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

PT-30A.dgn

REVISIONS	APPROVALS
A 5/30/00 Reconstruct Signal & Add I/C SHA NO: XX1005885	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
EMM	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

MD 210 (INDIAN HEAD HWY) @ AUDREY LANE

DRAWN BY:	D.DODA	F.A.P. NO.	T-8006 (3)	TS NO. 586A	SHEET NO. 1 OF 5
CHECKED BY:		S.H.A. NO.	XX1005885		
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. D396	
DATE:	5/24/72	LOG MILE:	16021014.31		