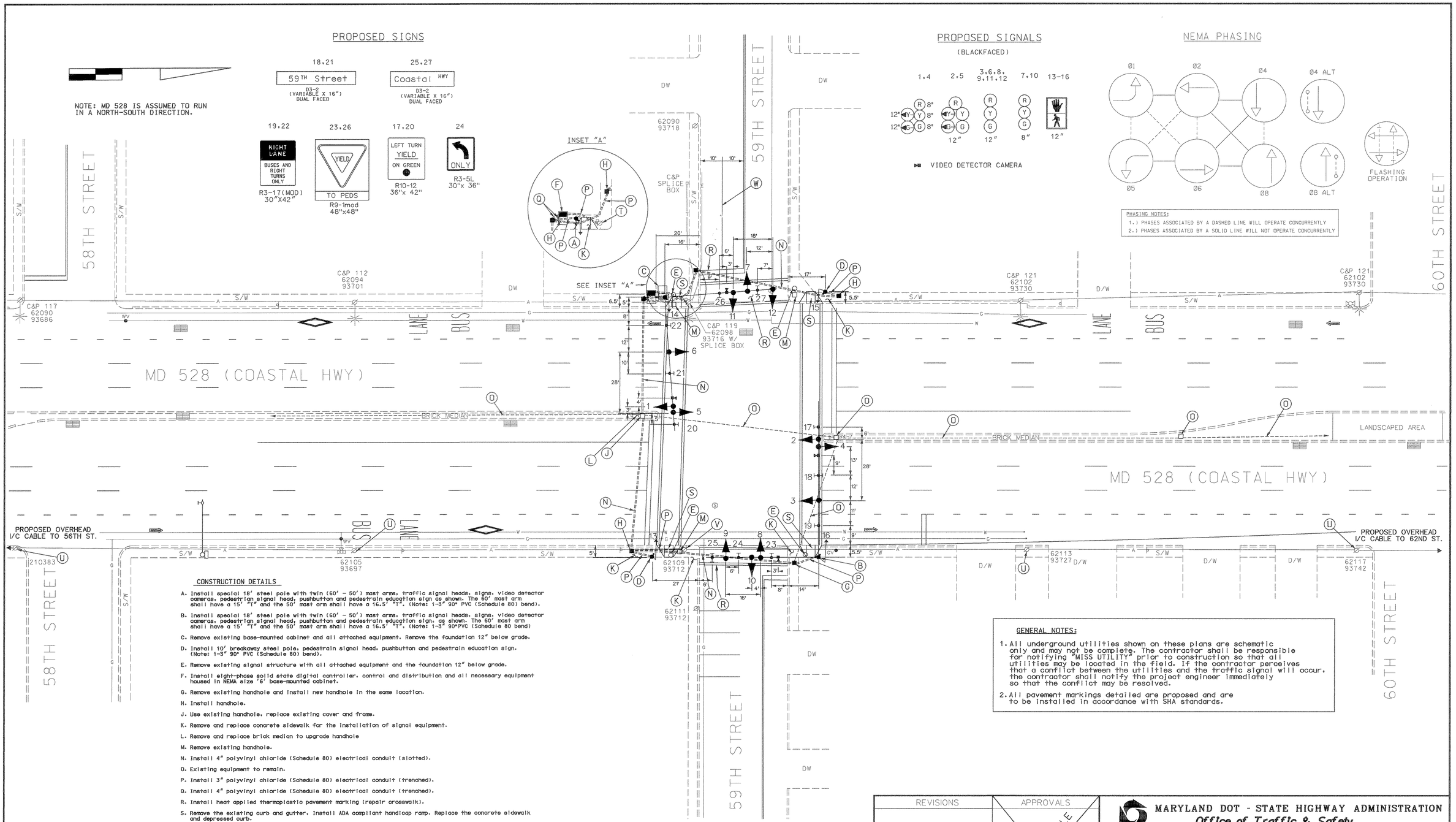

CONSTRUCTION DETAILS

A. Install special 18' steel pole with twin (60' – 50') mast arms, traffic signal heads, signs, video detector cameras, pedestrian signal head, pushbutton and pedestrain education sign as shown. The 60' mast arm shall have a 15' "T" and the 50' mast arm shall have a 16.5' "T". (Note: 1-3" 90° PVC (Schedule 80) bend).

B. Install special 18' steel pole with twin (60' – 50') mast arms, traffic signal heads, signs, video detector cameras, pedestrian signal head, pushbutton and pedestrain education sign, as shown. The 60' mast arm shall have a 15' "T" and the 50' mast arm shall have a 16.5' "T". (Note: 1-3" 90°PVC (Schedule 80 bend)

C. Remove existing base-mounted cabinet and all attached equipment. Remove the foundation 12" below grade.

D. Install 10' breakaway steel pole, pedestrain signal head, pushbutton and pedestrain education sign. (Note: 1-3" 90° PVC (Schedule 80) bend).

E. Remove existing signal structure with all attached equipment and the foundation 12" below grade.

F. Install eight-phase solid state digital controller, control and distribution and all necessary equipment housed in NEMA size '6' base-mounted cabinet.

G. Remove existing handhole and install new handhole in the same location.

H. Install handhole.

J. Use existing handhole, replace existing cover and frame.

K. Remove and replace concrete sidewalk for the installation of signal equipment.

L. Remove and replace brick median to upgrade handhole

M. Remove existing handhole.

N. Install 4" polyvinyl chloride (Schedule 80) electrical conduit (slotted).

O. Existing equipment to remain.

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

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

R. Install heat applied thermoplastic pavement marking (repair crosswalk).

S. Remove the existing curb and gutter. Install ADA compliant handicap ramp. Replace the concrete sidewalk and depressed curb.

T. Install 3" weatherhead, bend and riser for the proposed underground electrical service to be installed by Conectiv Power.

U. Remove existing I/C cable and span wire. Install self-supporting interconnect cable at the existing location.

V. Remove existing I/C cable and span wire. Install self- supporting interconnect cable, 3" riser, weatherhead and bend at wood pole base.

W. Install 5" heat applied thermoplastic pavement marking (lane line) (50' Length).

GENERAL NOTES:

1. All underground 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 the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

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 'D'

STREET TRAFFIC STUDIES, LTD.
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Glen Burnie, MD 21061
Ph (410) 590-5500
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3949B.dgn TASK 7

REVISIONS	
10-15-01	RECONSTRUCTED TO MAST ARMS S.H.A. NO. XX1065185
EMM	
C 1-7-88	RECONSTRUCT LOOPS AND CONDUIT S.H.A. NO. WO-655-501-176
RFL SR DAZ ETP TH	

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

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

MD 528 (COASTAL HWY.) AND 59th ST.

DRAWN BY:	F.A.P. NO.	TS NO. 950D	SHEET NO.
CHECKED BY:	S.H.A. NO. W0501A51 B51		2 OF 4
SCALE: 1"= 20'	COUNTY: WORCESTER	T.I.M.S. NO. E510	
DATE:	LOG MILE: 23052804.88		

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