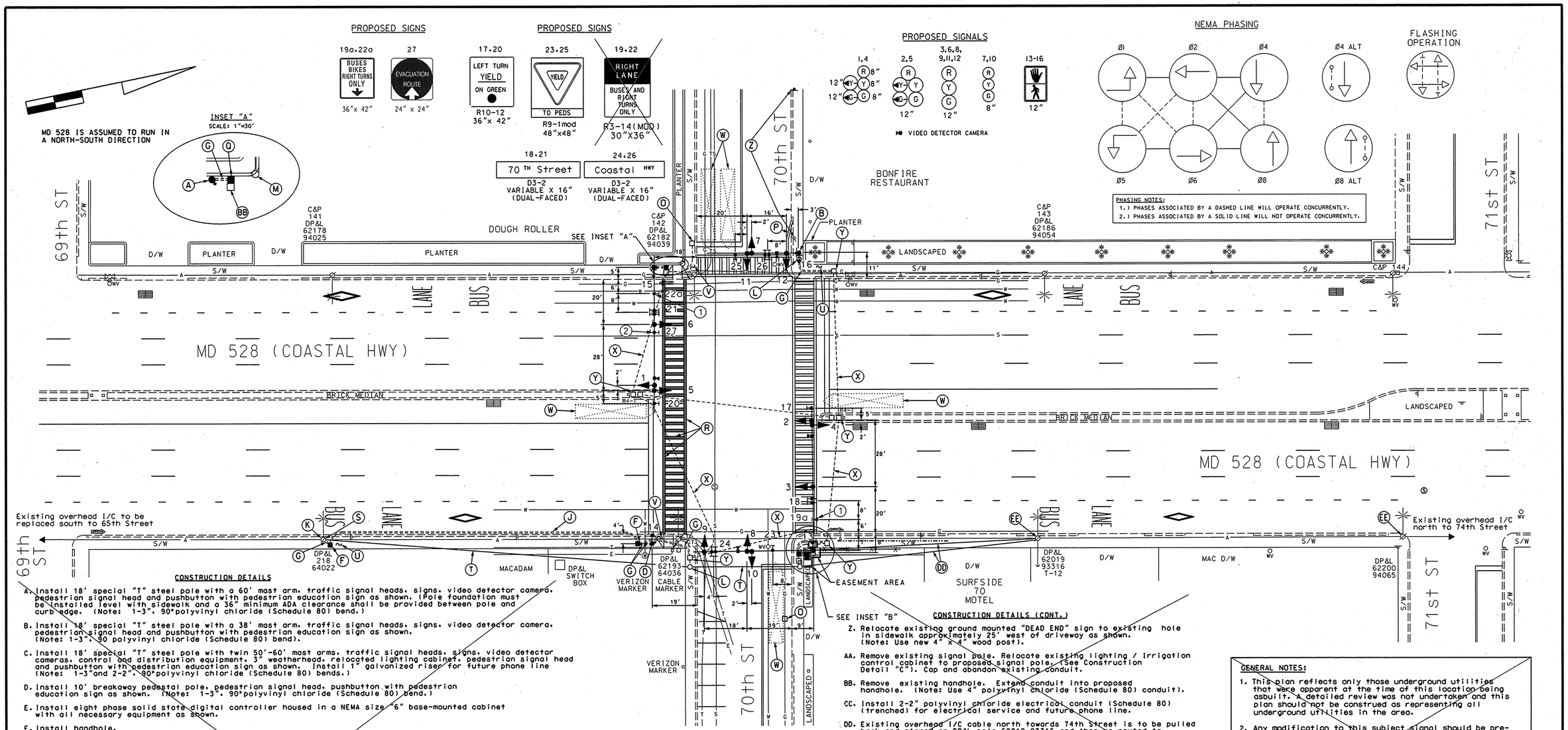

CONSTRUCTION DETAILS

A. Install 18' special "T" steel pole with a 60' mast arm, traffic signal heads, signs, video detector camera, pedestrian signal head and pushbutton with pedestrian education sign as shown. (Pole foundation must be installed level with sidewalk and a 36" minimum ADA clearance shall be provided between pole and curb edge. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install 18' special "T" steel pole with a 38' mast arm, traffic signal heads, signs, video detector camera, pedestrian signal head and pushbutton with pedestrian education sign as shown. (Note: 1-3", 90 polyvinyl chloride (Schedule 80) bend).

C. Install 18' special "T" steel pole with twin 50'-60' mast arms, traffic signal heads, signs, video detector cameras, control and distribution equipment, 3" weatherhead, relocated lighting cabinet, pedestrian signal head and pushbutton with pedestrian education sign as shown. Install 1" galvanized riser for future phone line (Note: 1-3"and 2-2", 90°polyvinyl chloride (Schedule 80) bends.)

D. Install 10' breakaway pedestal pole, pedestrian signal head, pushbutton with pedestrian education sign as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

E. Install eight phase solid state digital controller housed in a NEMA size "6" base-mounted cabinet with all necessary equipment as shown.

F. Install handhole.

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

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

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

K. Install 3" weatherhead and 3" PVC Schedule 80 riser onto existing utility pole. Attach elbow at pole base.

L. Remove existing signal pole and foundation 12" below grade and all attached signal equipment. Cap and abandon existing conduit.

M. Remove existing signal pole and foundation 12" below grade and all attached signal equipment. Cap and abandon existing conduit. Cutback existing planter curb and install new 3' curb radius (approximate) as shown.

N. Remove cabinet and controller and foundation 12 in. below grade. Cap and abandon existing conduit. Cabinet and controller shall be delivered to SHA.

O. Remove existing handhole.

P. Remove and replace curb and gutter, bump out the existing sidewalk area by 2'. Sawcut roadway 25', remove and replace existing sidewalk after the installation of the signal equipment.

Q. Install handhole at back of sidewalk and extend existing conduit to new handhole.

R. Install 12", white, heat applied permanent preformed thermoplastic pavement marking. (crosswalk)

S. Remove and replace existing overhead interconnect cable in same location south to 65th Street.

T. Remove existing overhead interconnect cable.

U. Remove existing sidewalk and replace after the installation of the signal equipment.

V. Remove existing sidewalk, curb and gutter and install handicapped ramp as shown. Replace sidewalk after the installation of the signal equipment.

W. Proposed video detection area.

X. Use existing conduit.

Y. Use existing handhole.

CONSTRUCTION DETAILS (CONT.)

Z. Relocate existing ground mounted "DEAD END" sign to existing hole in sidewalk approximately 25' west of driveway as shown. (Note: Use new 4" x 4" wood post).

AA. Remove existing signal pole. Relocate existing lighting / irrigation control cabinet to proposed signal pole. (See Construction Detail "C"). Cap and abandon existing conduit.

BB. Remove existing handhole. Extend conduit into proposed handhole. (Note: Use 4" polyvinyl chloride (Schedule 80) conduit).

CC. Install 2-2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service and future phone line.

DD. Existing overhead I/C cable north towards 74th Street is to be pulled back and stored on DP&L pole 62019 93316 and then re-routed to proposed pole as shown.

EE. Existing overhead interconnect cable north to 74th Street to remain. (See Construction Detail "DD").

FF. Existing mid-span electrical service drop to be relocated by CONECTIV.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.
3. Unless otherwise noted the right of way line is assumed to be at the back edge of the sidewalk.
4. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
5. This traffic signal was designed on the premise that the existing signal will be removed prior to the construction of the proposed signal.

CONSTRUCTION DETAILS

1. REMOVE EXISTING LANE RESTRICTION SIGN AND INSTALL NEW SIGN AT SAME LOCATION ON MAST ARM AS SHOWN.
2. INSTALL EXISTING EVACUATION ROUTE SIGN TO MAST ARM AS SHOWN.

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REVISIONS						APPROVALS
D	REVISE OVERHEAD SIGN STRUCTURES					ORIGINAL ON FILE
SHA # AT9005185				7-14-08		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
JKS						
C	RECONSTRUCT USING MAST ARMS AND VIDEO DETECTION SHA # XX1065185			7-29-02		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
RRZ						
B	RECONSTRUCT LOOPS AND ADD S/B E/P					CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
RFL	SR	DAZ				
A	REPLACE DETECTION			9/29/82		DIRECTOR, TRAFFIC & SAFETY
BT	DJD	DAZ		ETP	TH	

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

MD 528 (COASTAL HIGHWAY) AND 70th ST.

DRAWN BY:		F.A.P. NO.		TS NO. 357C	SHEET NO.
CHECKED BY:		S.H.A. NO.			
SCALE:	1"= 20'	COUNTY:	WORCESTER	T.I.M.S. NO. I 673	22 OF 46
DATE:	5-26-82	LOG MILE:	23052804.24		

TOD No. AT909-32
SHA No. WO442A55/C55