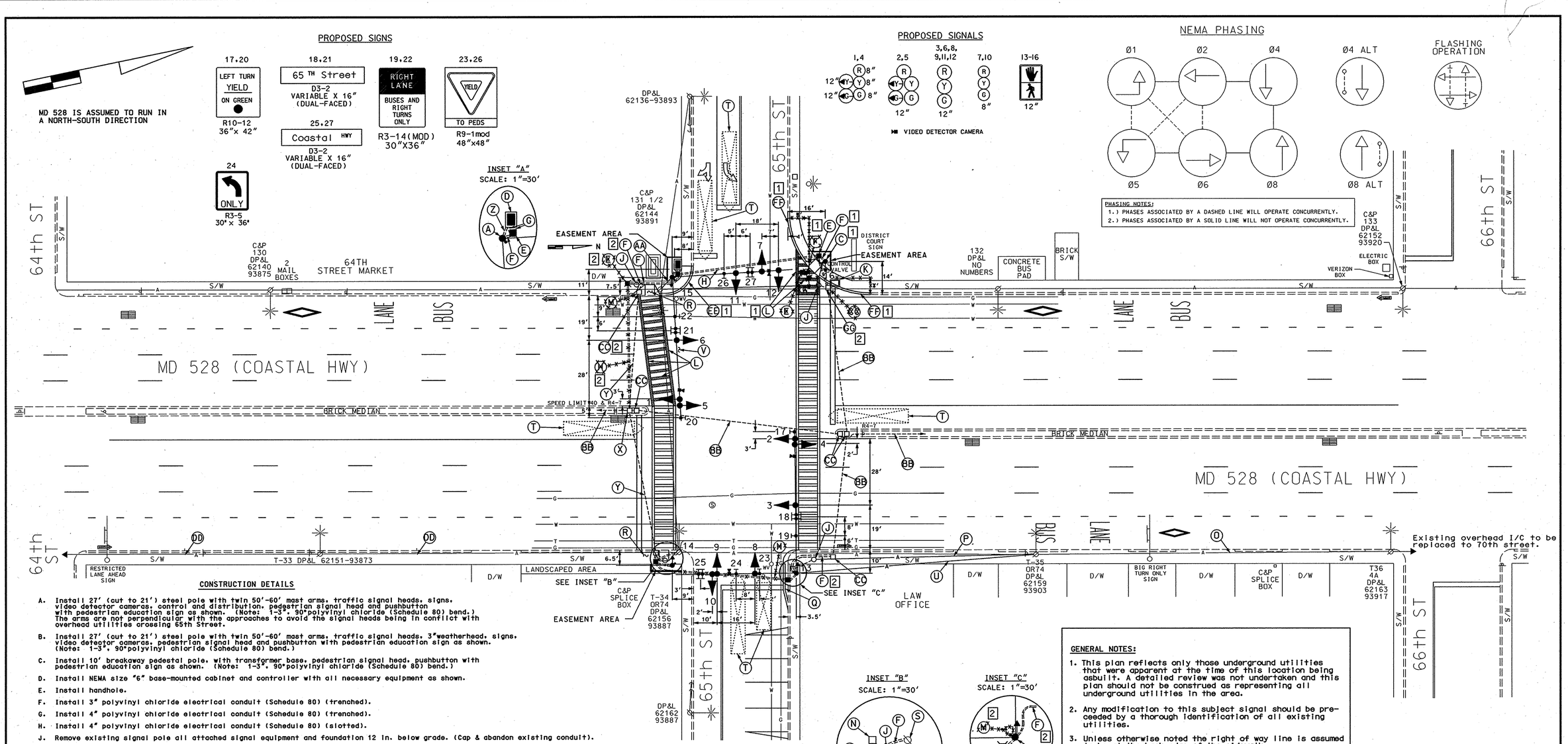

CONSTRUCTION DETAILS

A. Install 27' (cut to 21') steel pole with twin 50'-60' mast arms, traffic signal heads, signs, video detector cameras, control and distribution, pedestrian signal head and pushbutton with pedestrian education sign as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.) The arms are not perpendicular with the approaches to avoid the signal heads being in conflict with overhead utilities crossing 65th Street.

B. Install 27' (cut to 21') steel pole with twin 50'-60' mast arms, traffic signal heads, 3"weatherhead, signs, video detector cameras, pedestrian signal head and pushbutton with pedestrian education sign as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

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

D. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.

E. Install handhole.

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

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

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

J. Remove existing signal pole all attached signal equipment and foundation 12 in. below grade. (Cap & abandon existing conduit).

K. Remove existing cabinet and controller and foundation 12 in. below grade. Cabinet and controller shall be delivered to SHA.

L. Install 12" white, heat applied permanent preformed thermoplastic pavement marking. Center crosswalk on proposed handicapped ramp.

M. Remove existing handhole. Cap and abandon existing conduit.

N. Remove existing handhole. Extend conduit into proposed handhole. (Note: 4" polyvinal chloride (Schedule 80) conduit).

O. Remove and replace existing overhead interconnect cable in same location north to 70th Street.

P. Remove existing overhead interconnect cable.

Q. Remove and replace curb and gutter, bump out the existing sidewalk area by 2'. Sawcut roadway 30'. Remove existing sidewalk and replace after the installation of the signal equipment.

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

[2] S. Install 2"X" weatherhead and 2"X" PVC Schedule 80 riser onto existing utility pole. Attach elbow at pole base. Pullback existing overhead interconnect cable from controller to this utility pole and reroute thru proposed conduit into proposed controller.

T. Proposed video detection area.

U. Install overhead interconnect cable.

V. Remove existing croswalk pavement marking to brick median.

W. Remove landscaping ties and replace after the installation of the signal equipment.

X. Use existing handhole.

Y. Use existing conduit.

Z. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service.

AA. Proposed overhead electrical service by CONECTIV.

BB. Existing conduit to remain.

CC. Existing handhole to remain.

DD. Existing overhead interconnect cable.

[1] EE. Remove existing sidewalk and curb and gutter and install curb and gutter with a 12' radius as shown. Install new sidewalk.

[1] FF. Remove existing sidewalk and curb and gutter and install curb and gutter with a 35' radius. Install new sidewalk and handicapped ramp as shown.

[2] GG. Remove existing handhole and extend existing conduit from this handhole to proposed handhole as shown.

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.

[1] REDLINE REVISION 8/ /03

[2] REDLINE REVISION 10/ /03

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REVISIONS	
⑧ 7-29-02 Reconstruct using mast arms and video detection. SHA # XX1065185	
RRZ	
A	9/29/82
Change Detection	
BT DJD 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 HIGHWAY) AND 65th ST.

DRAWN BY:	F.A.P. NO.	TS NO. 1425E	SHEET NO.
CHECKED BY:	S.H.A. NO.		1 OF 2
SCALE:	COUNTY: WORCESTER	T.I.M.S. NO. E996	
DATE: 5-26-82	LOG MILE: 23052804.53		

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