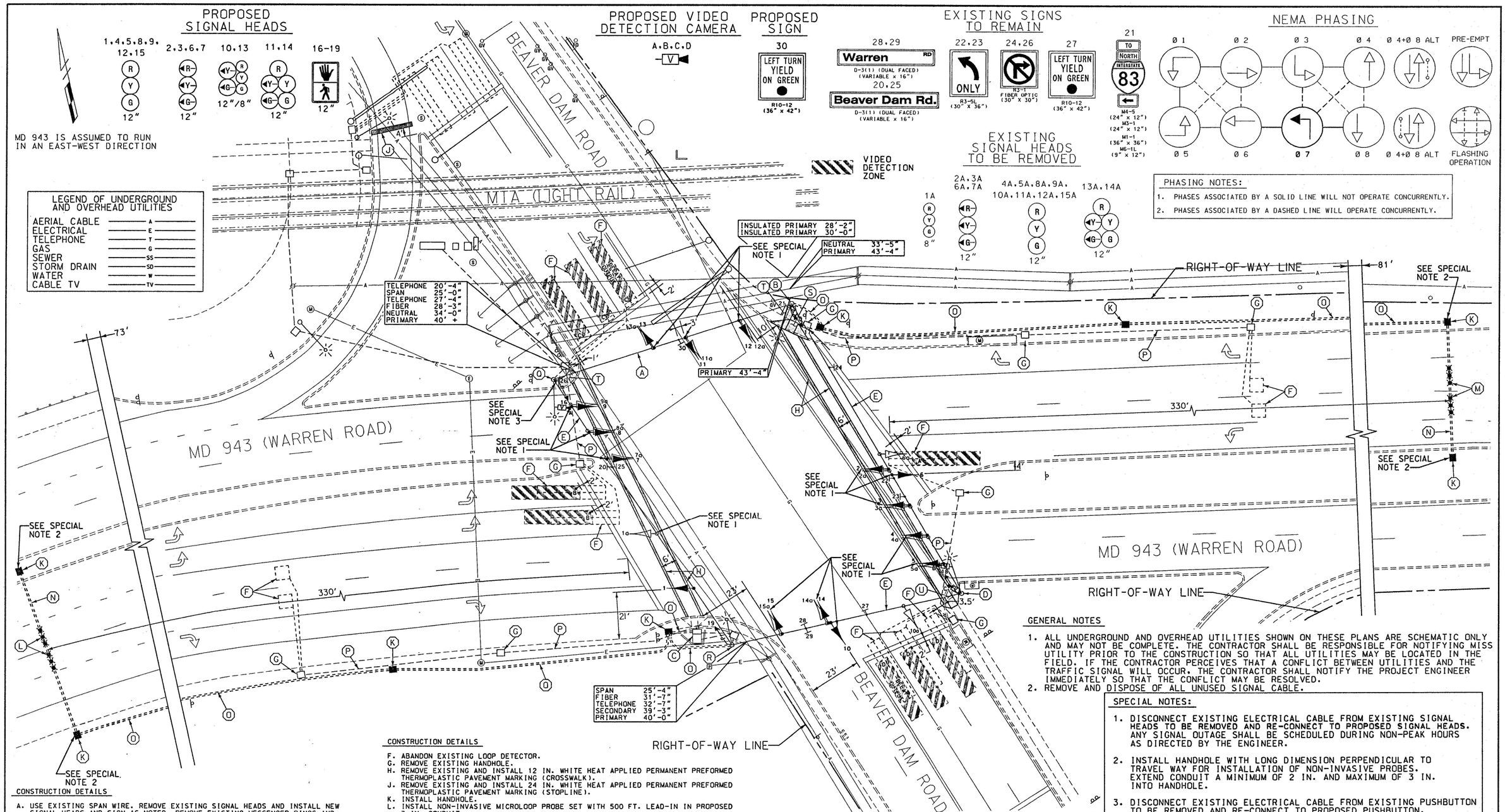

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

SPECIAL NOTES:

1. DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
2. INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.
3. DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING PUSHBUTTON TO BE REMOVED AND RE-CONNECT TO PROPOSED PUSHBUTTON.

CONSTRUCTION DETAILS

A. USE EXISTING SPAN WIRE. REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW SIGNAL HEADS AND SIGN AS NOTED. REMOVE EXISTING MESSENGER RINGS AND INSTALL 4 IN. MESSENGER RINGS.
B. USE EXISTING STEEL STRAIN POLE. INSTALL VIDEO DETECTION CAMERA BANDED TO POLE. PEDESTRIAN SIGNAL. R10-4(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS WARREN RD") AND 1-3 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN EXISTING POLE BASE. REMOVE EXISTING "PUSHBUTTON TO CROSS WARREN ROAD" SIGN.
C. USE EXISTING BASE MOUNTED CABINET. INSTALL R10-4(1) SIGN SHEETING (SIGN SHEETING TO READ "PUSH BUTTON TO CROSS WARREN RD") ONTO CABINET AND 1-3 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN CABINET BASE. REMOVE EXISTING "PUSHBUTTON TO CROSS WARREN ROAD" SIGN SHEETING. THE SIGN SHEETING SHALL BE APPLIED DIRECTLY ONTO CABINET AND NOT SHEET ALUMINUM.
D. USE EXISTING STEEL STRAIN POLE. INSTALL VIDEO DETECTION CAMERA MOUNTED ON LIGHTING BRACKET AND BANDED TO POLE. PEDESTRIAN SIGNAL AND R10-4(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS WARREN RD"). REMOVE EXISTING "PUSHBUTTON TO CROSS WARREN ROAD" SIGN.
E. USE EXISTING SPAN WIRE. REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW SIGNAL HEADS AS NOTED. REMOVE EXISTING MESSENGER RINGS AND INSTALL 4 IN. MESSENGER RINGS.

CONSTRUCTION DETAILS

F. ABANDON EXISTING LOOP DETECTOR.
G. REMOVE EXISTING HANDHOLE.
H. REMOVE EXISTING AND INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
J. REMOVE EXISTING AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOPLINE).
K. INSTALL HANDHOLE.
L. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 500 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
M. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
N. INSTALL 3 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
O. INSTALL 3 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
P. CAP AND ABANDON EXISTING CONDUIT.
Q. USE EXISTING STEEL STRAIN POLE. INSTALL VIDEO DETECTION CAMERA MOUNTED ON LIGHTING BRACKET. PEDESTRIAN SIGNAL. PUSHBUTTON AND R10-4(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS WARREN RD"). REMOVE EXSITING DAMAGED "PUSHBUTTON TO CROSS WARREN ROAD" SIGN AND PUSHBUTTON.
R. USE EXISTING STEEL STRAIN POLE. INSTALL PEDESTRIAN SIGNAL AND 1-3 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN EXISTING POLE BASE.
S. INSTALL SIDEWALK RAMP (STANDARD NO. MD 655.12).
T. INSTALL 4 IN. CONCRETE SIDEWALK TO PROVIDE ACCESS TO EXISTING PEDESTRIAN PUSHBUTTON.
U. INSTALL SIDEWALK RAMP (STANDARD NO. MD 655.11).

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REVISIONS		
A	ADD DETECTION AND ADDITIONAL FIBER OPTIC SIGN	11/98
B	REPLACE FAILED LOOP DETECTORS OT 2003	06/04
C	REPLACE CONDUIT, INSTALL VIDEO DETECTION, UPGRADE CONTRACT NO. AT3575185	09/28/04

DMK BCK NML

APPROVALS: TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION; ASST. TRAFFIC ENGINEERING DESIGN DIVISION; CHIEF - TRAFFIC ENGINEERING DESIGN DIVISION; DIRECTOR, TRAFFIC & SAFETY — ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 943 (WARREN RD) AND BEAVER DAM RD

DRAWN BY:	WRS BALT. CO.	F.A.P. NO.		TS NO. 3818 C	SHEET NO.
CHECKED BY:		S.H.A. NO.	AW277A52		
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. F945	1 OF 2
DATE:	7/9/93	LOG MILE:	03094300.59		

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