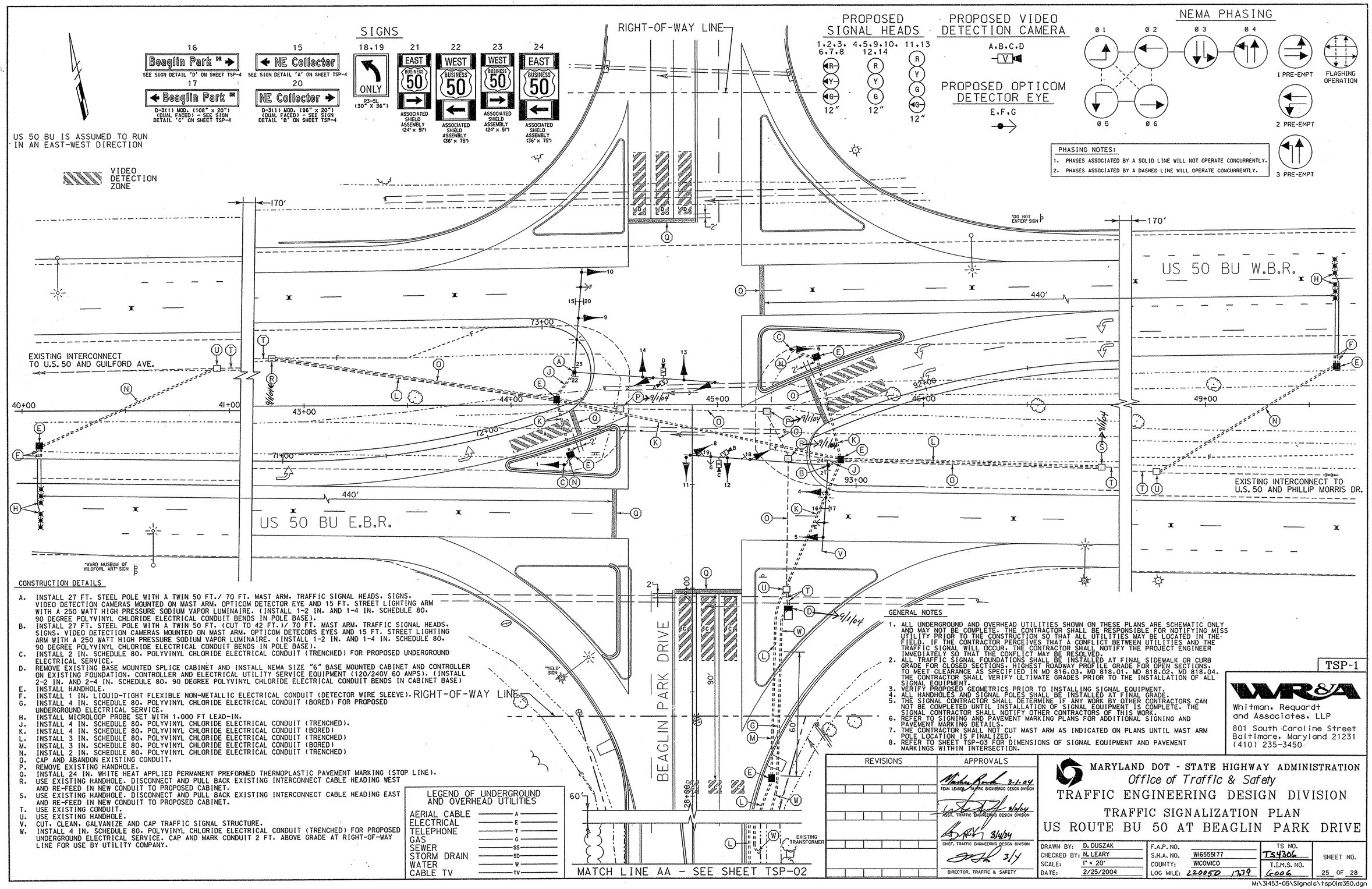

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A TWIN 50 FT./ 70 FT. MAST ARM. TRAFFIC SIGNAL HEADS. SIGNS. VIDEO DETECTION CAMERAS MOUNTED ON MAST ARM. OPTICOM DETECTOR EYE AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).

B. INSTALL 27 FT. STEEL POLE WITH A TWIN 50 FT. (CUT TO 42 FT.)/ 70 FT. MAST ARM. TRAFFIC SIGNAL HEADS. SIGNS. VIDEO DETECTION CAMERAS MOUNTED ON MAST ARM. OPTICOM DETECORS EYES AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).

C. INSTALL 2 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.

D. REMOVE EXISTING BASE MOUNTED SPLICE CABINET AND INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER ON EXISTING FOUNDATION. CONTROLLER AND ELECTRICAL UTILITY SERVICE EQUIPMENT (120/240V 60 AMPS). (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80. 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE)

E. INSTALL HANDHOLE.

F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

G. INSTALL 4 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.

H. INSTALL MICROLOOP PROBE SET WITH 1.000 FT LEAD-IN.

J. INSTALL 4 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

K. INSTALL 4 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)

L. INSTALL 3 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)

M. INSTALL 3 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)

N. INSTALL 2 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)

O. CAP AND ABANDON EXISTING CONDUIT.

P. REMOVE EXISTING HANDHOLE.

Q. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).

R. USE EXISTING HANDHOLE. DISCONNECT AND PULL BACK EXISTING INTERCONNECT CABLE HEADING WEST AND RE-FEED IN NEW CONDUIT TO PROPOSED CABINET.

S. USE EXISTING HANDHOLE. DISCONNECT AND PULL BACK EXISTING INTERCONNECT CABLE HEADING EAST AND RE-FEED IN NEW CONDUIT TO PROPOSED CABINET.

T. USE EXISTING CONDUIT.

U. USE EXISTING HANDHOLE.

V. CUT. CLEAN. GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.

W. INSTALL 4 IN. SCHEDULE 80. POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT RIGHT-OF-WAY LINE FOR USE BY UTILITY COMPANY.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

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. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCE AS SPECIFIED IN MD 816.03. MD 818.01. MD 818.02. MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
4. ALL HANDHOLES AND SIGNAL POLES SHALL BE INSTALLED AT FINAL GRADE.
5. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.
6. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL SIGNING AND PAVEMENT MARKING DETAILS.
7. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
8. REFER TO SHEET TSP-03 FOR DIMENSIONS OF SIGNAL EQUIPMENT AND PAVEMENT MARKINGS WITHIN INTERSECTION.

TSP-1

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REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 3-1-04
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION 3/1/04
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 3/1/04
	DIRECTOR, TRAFFIC & SAFETY 3/1

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
US ROUTE BU 50 AT BEAGLIN PARK DRIVE

DRAWN BY: D. DUSZAK	F.A.P. NO.		TS NO. TS4306	SHEET NO.
CHECKED BY: N. LEARY	S.H.A. NO.	W16555177		
SCALE: 1" = 20'	COUNTY:	WICOMICO	T.I.M.S. NO. 6006	25 OF 28
DATE: 2/25/2004	LOG MILE:	220050 1779		

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