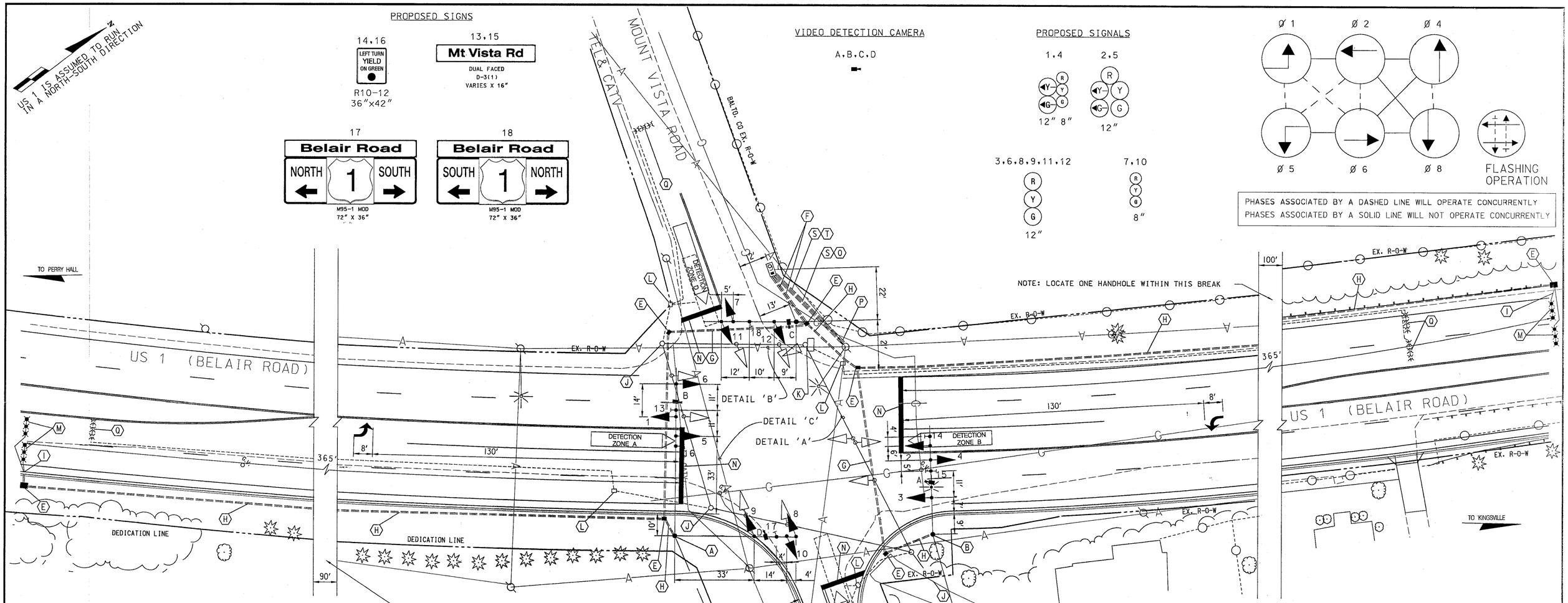

AERIAL CABLE DETAIL 'A'	
SECONDARY	29'-3 1/2"
CABLE TV	21'-5"

AERIAL CABLE DETAIL 'B'	
SECONDARY	30'-0"
TELEPHONE	23'-10"
TELEPHONE	23'-1"
CABLE	19'-6"

AERIAL CABLE DETAIL 'C'	
NEUTRAL WIRE (GUY)	22'-0"

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- A — A — AERIAL CABLES
- T — T — TELEPHONE CABLES

CONSTRUCTION NOTES

A. INSTALL 27 FT. STEEL POLE, CUT TO 21 FT., WITH 70 FT /50 FT MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS. (NOTE: 1-3 IN. SCHEDULE 80, 90-DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)

B. INSTALL 27 FT. STEEL POLE WITH 50 FT MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 20 FT. LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. CUT CLEAN AND GALVANIZE THE 50 FT MAST ARM TO 45 FT. (NOTE: 1-3 IN. SCHEDULE 80, 90-DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)

C. INSTALL 27 FT. STEEL POLE, CUT TO 21 FT., WITH 38 FT MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: 1-3 IN. SCHEDULE 80, 90-DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)

D. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT. (NOTE: 2-2 IN. SCHEDULE 80, AND 2-4 IN SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)

E. INSTALL HANDHOLE.

F. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.

G. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.

H. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.

I. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR DETECTOR WIRE SLEEVE.

J. REMOVE EXISTING POLE, SPAN WIRE, SIGNS AND SIGNAL HEADS.

K. REMOVE EXISTING POLE, SPAN WIRE, SIGNS, SIGNAL HEADS, POLE MOUNTED CONTROLLER AND CABINET.

L. REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUIT.

M. INSTALL INVASIVE MICRO LOOP PROBE SET.

N. INSTALL 24 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC MARKING (STOP LINE).

O. PROPOSED UNDERGROUND ELECTRICAL SERVICE BY BGE.

P. INSTALL 1-4 IN. AND 1-2 IN. SCHEDULE 80, 90-DEGREE POLYVINYL CHLORIDE CONDUIT BEND AT BASE OF UTILITY POLE FOR ELECTRICAL SERVICE AND TELEPHONE SERVICE.

Q. ABANDON EXISTING MICRO LOOP PROBE SET.

R. INSTALL SIGN ASSEMBLY ON TWO 4 IN..X 6 IN. TREATED BREAKAWAY WOOD POST AS SHOWN ON THE PLANS.

S. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.

T. PROPOSED UNDERGROUND TELEPHONE SERVICE.

20 0 20 40

SCALE : 1" = 20' (FULL SIZE)

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 UTILITIES 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. THE CONTRACTOR SHALL NOT CUT THE SIGNAL POLES OR MAST ARMS AS INDICATED ON THE PLANS UNTIL IT HAS BEEN DETERMINED THAT THE SIGNAL POLES AND MAST ARMS CAN BE INSTALLED AS SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
4. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS. THE CONTRACTOR SHALL CONTACT THE ASSISTANT DISTRICT ENGINEER - TRAFFIC AT (410) 321-2781, 48 HOURS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS TO CONFIRM LOCATION.
5. ALL SLOTTING SHALL BE COMPLETED PRIOR TO PLACEMENT OF FINAL PAVING AND PLACEMENT OF FINAL PAVEMENT MARKINGS.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. THE VIDEO DETECTION CAMERAS ARE SHOWN IN APPROXIMATE LOCATIONS AND ARE FOR INFORMATION PURPOSES ONLY. EXACT LOCATIONS AND AIMING DIRECTIONS OF THE VIDEO DETECTION CAMERAS SHALL BE DETERMINED AND /OR APPROVED BY THE ENGINEER.

REVISIONS		
E	RECONSTRUCT SIGNAL DUE TO NEW GEOMETRICS BA402518	11/9/04
D	ADD MAIN LINE DETECTION B153501477	1/96

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINATION FILE

PREPARED BY URS HUNT VALLEY, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

US 1 AT MOUNT VISTA ROAD

DRAWN BY: BT, HJR, JS	F.A.P. NO. N/A	TS NO. 338E	SHEET NO.
CHECKED BY: J. SPENCE	S.H.A. NO. B153X475		
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. F377	OF
DATE: 1-19-95 (REDRAW)	LOG MILE: 0300011.45		

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