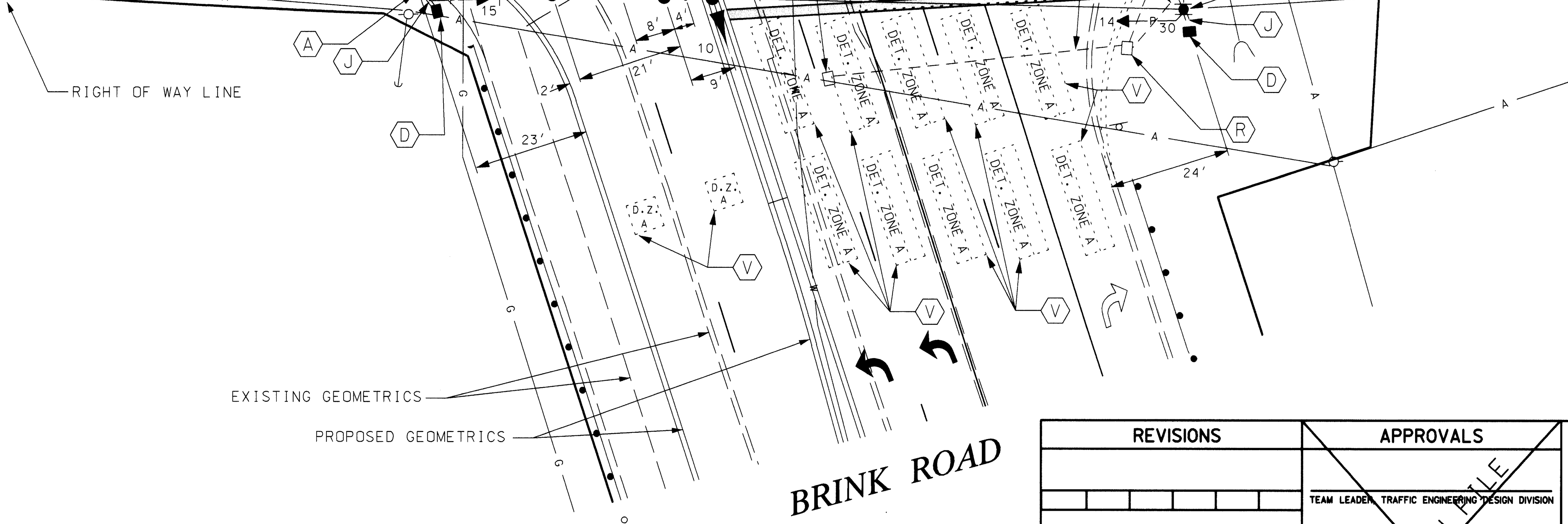

CONSTRUCTION DETAILS

A. INSTALL 14 IN. X 32 FT. STRAIN POLE WITH PEDESTRIAN SIGNAL HEADS, PUSHBUTTON, SIGNS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE AND VIDEO DETECTION CAMERA (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
B. INSTALL 14 IN. X 32 FT. STRAIN POLE WITH PEDESTRIAN SIGNAL HEAD, 15 FT. STREET LIGHTING ARM WITH A VIDEO DETECTION CAMERA AND 250 WATT HPS LUMINAIRE (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
C. INSTALL 14 IN. X 32 FT. STRAIN POLE WITH PEDESTRIAN SIGNAL HEAD, RELOCATED SIGNS, AND A 15 FT. STREET LIGHTING ARM WITH VIDEO DETECTION CAMERA AND 250 WATT HPS LUMINAIRE (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
D. INSTALL ELECTRICAL HANDHOLE
E. INSTALL VIDEO DETECTION CAMERA ONTO EXISTING STREET LIGHTING ARM LOCATED ON EXISTING STRAIN POLE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS INTO EXISTING BASE)
F. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED (FOR ELECTRICAL FEED)
G. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED (FOR ELECTRICAL FEED)
H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRIC PVC CONDUIT - BORED
J. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRIC PVC CONDUIT - TRENCHED
K. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRIC PVC CONDUIT - TRENCHED
L. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT (NOTE: INSTALL 2-4 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
M. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
N. INSTALL 12 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
O. INSTALL 1/4 IN. AND 3/8 IN. STEEL SPAN WIRE WITH SIGNAL HEADS AND SIGNS
P. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT ATTACHED
Q. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER
R. REMOVE EXISTING HANDHOLE
S. CAP AND ABANDON EXISTING CONDUIT
T. USE EXISTING HANDHOLE
U. USE EXISTING CONDUIT
V. PROPOSED VIDEO DETECTION FIELD
W. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS, AND SIGNS

GENERAL NOTES

1. PULL BACK EXISTING INTERCONNECT CABLE FROM EXISTING CONTROLLER FOR HENDERSON CORNER RD. TO THIS HANDHOLE AND RE-INSTALL THROUGH PROPOSED CONDUIT TO PROPOSED CONTROLLER (SEE WIRING DIAGRAM FOR DETAIL)
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. 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.
6. SEE PAVEMENT MARKING PLAN FOR ADDITIONAL PAVEMENT MARKING DETAILS.
7. SEE SIGNING PLAN FOR GROUND MOUNTED SIGNING.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

REVISIONS

(B) December 23, 1993 Rebuild due to widening of MD 27 SHA No. [illegible]
M. JM. | SZ | DAZ | DAZ | TH
(C) 10-22-02 RECONSTRUCTION DUE TO WIDENING SHA NO. BW996M82
MH | TZ | [illegible]

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF 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
MD 27 AND BRINK ROAD

DRAWN BY:	JOHN GREEZICKI	F.A.P. NO.		TS NO. 2200C	SHEET NO.
CHECKED BY:	DENNIS DODA	S.H.A. NO.	M-563-509-385		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO.	
DATE:	9-9-86	LOG MILE:	15002700.54	F511	1 OF 2