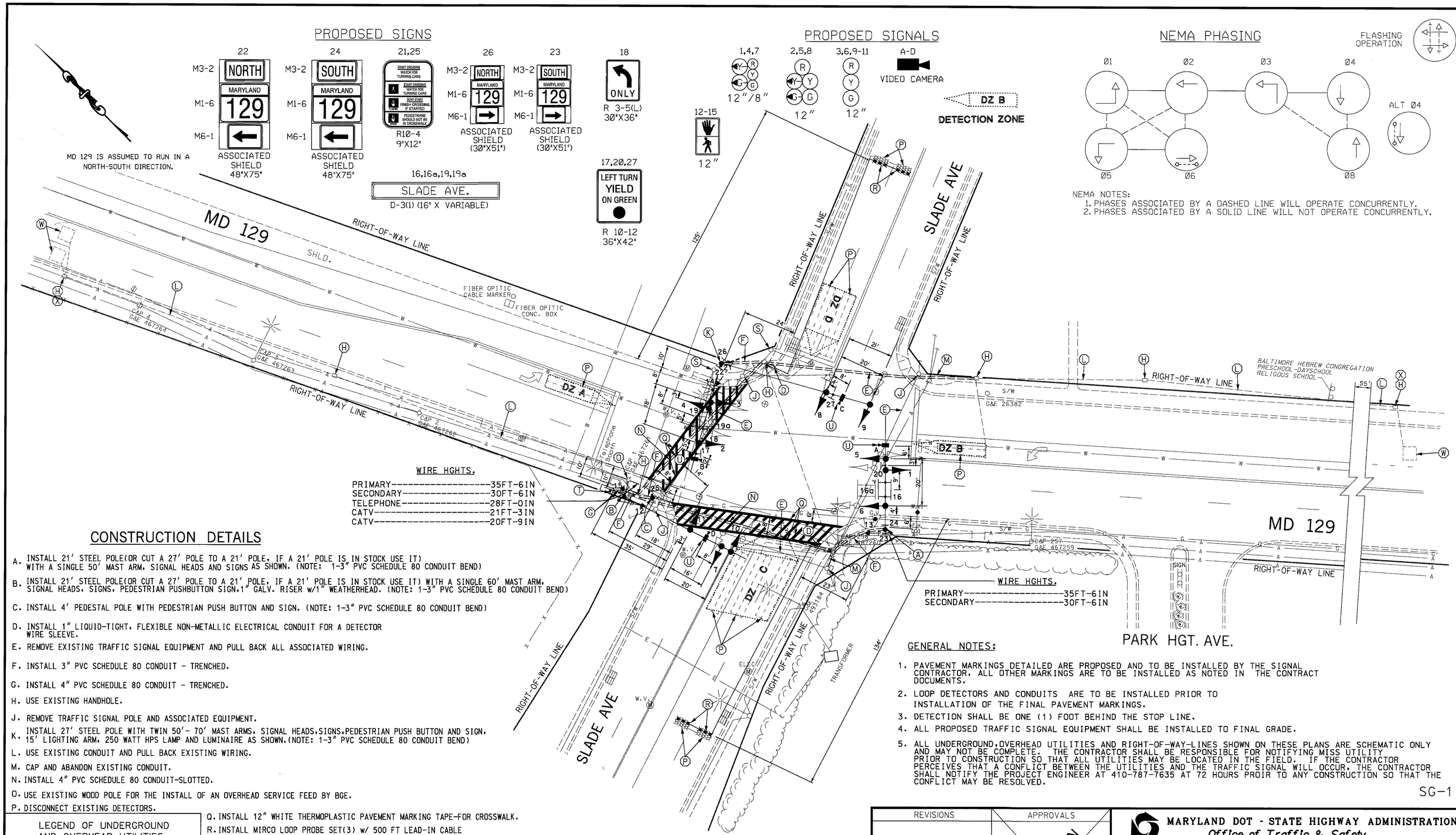

CONSTRUCTION DETAILS

A. INSTALL 21' STEEL POLE(OR CUT A 27' POLE TO A 21' POLE, IF A 21' POLE IS IN STOCK USE IT) WITH A SINGLE 50' MAST ARM, SIGNAL HEADS AND SIGNS AS SHOWN. (NOTE: 1-3" PVC SCHEDULE 80 CONDUIT BEND)

B. INSTALL 21' STEEL POLE(OR CUT A 27' POLE TO A 21' POLE, IF A 21' POLE IS IN STOCK USE IT) WITH A SINGLE 60' MAST ARM, SIGNAL HEADS, SIGNS, PEDESTRIAN PUSHBUTTON SIGN,1" GALV. RISER w/1" WEATHERHEAD. (NOTE: 1-3" PVC SCHEDULE 80 CONDUIT BEND)

C. INSTALL 4' PEDESTAL POLE WITH PEDESTRIAN PUSH BUTTON AND SIGN. (NOTE: 1-3" PVC SCHEDULE 80 CONDUIT BEND)

D. INSTALL 1" LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR A DETECTOR WIRE SLEEVE.

E. REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT AND PULL BACK ALL ASSOCIATED WIRING.

F. INSTALL 3" PVC SCHEDULE 80 CONDUIT - TRENCHED.

G. INSTALL 4" PVC SCHEDULE 80 CONDUIT - TRENCHED.

H. USE EXISTING HANDHOLE.

J. REMOVE TRAFFIC SIGNAL POLE AND ASSOCIATED EQUIPMENT.

K. INSTALL 27' STEEL POLE WITH TWIN 50'- 70' MAST ARMS, SIGNAL HEADS,SIGNS,PEDESTRIAN PUSH BUTTON AND SIGN, 15' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE AS SHOWN.(NOTE: 1-3" PVC SCHEDULE 80 CONDUIT BEND)

L. USE EXISTING CONDUIT AND PULL BACK EXISTING WIRING.

M. CAP AND ABANDON EXISTING CONDUIT.

N. INSTALL 4" PVC SCHEDULE 80 CONDUIT-SLOTTED.

O. USE EXISTING WOOD POLE FOR THE INSTALL OF AN OVERHEAD SERVICE FEED BY BGE.

P. DISCONNECT EXISTING DETECTORS.

Q. INSTALL 12" WHITE THERMOPLASTIC PAVEMENT MARKING TAPE-FOR CROSSWALK.

R. INSTALL MIRCO LOOP PROBE SET(3) w/ 500 FT LEAD-IN CABLE

S. REMOVE EXISTING STREET LIGHT POLE AND ASSOCIATED EQUIPMENT.

T. INSTALL A BASE MOUNTED CABINET WITH ALL THE NECESSARY EQUIPMENT FOR AN OVERHEAD FEED AND A PHONE DROP.

U. INSTALL A VIDEO DETECTION CAMERA AND (250FT.) VIDEO CABLE MAST ARM MOUNTED.

W. USE EXISTING LOOP DETECTORS.

X. USE EXISTING HANDHOLE AND SPLICE EXISTING LOOP WIRE TO NEW 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE.

GENERAL NOTES:

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND TO BE INSTALLED BY THE SIGNAL CONTRACTOR. ALL OTHER MARKINGS ARE TO BE INSTALLED AS NOTED IN THE CONTRACT DOCUMENTS.
2. LOOP DETECTORS AND CONDUITS ARE TO BE INSTALLED PRIOR TO INSTALLATION OF THE FINAL PAVEMENT MARKINGS.
3. DETECTION SHALL BE ONE (1) FOOT BEHIND THE STOP LINE.
4. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. ALL UNDERGROUND,OVERHEAD UTILITIES AND RIGHT-OF-WAY-LINES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY 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 AT 410-787-7635 AT 72 HOURS PROIR TO ANY CONSTRUCTION SO THAT THE CONFLICT MAY BE RESOLVED.

SG-1

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

—— A —— A ——	AERIAL CABLE
—— E —— E ——	ELECTRIC
—— T —— T ——	TELEPHONE
—— G —— G ——	GAS
—— S —— S ——	SEWER
—— W —— W ——	WATER
—— TV —— TV ——	CABLE TV
—— X —— X ——	FENCE

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD; SUITE 110
COLUMBIA, MARYLAND 21045
(410)-884-3607

REVISIONS					
© RECONSTRUCT SIGNAL, ADDED PED. MOVEMENTS N & W AND AUTO-SCOPE SHA NO. XXX065385				JUNE 14, 2002	
MAM					
B INSTALL S/B LT LANE PHASE SHA NO. B-908-501-476				JUNE 25, 1992	
MEL	DJD	DAZ		ETP	TH
A INSTALL E/B LT LANE AND LOOP SHA NO.				MAY 19, 1987	
	DJD	DAZ		ETP	TH

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL PLAN ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 129 (PARK HEIGHTS AVE.) AND SLADE AVE.
BALTIMORE, MARYLAND

DRAWN BY: W.R. SMITH, LPM	F.A.P. NO.		TS NO. 3081C	SHEET NO. 1 OF 2
CHECKED BY: ILB	S.H.A. NO.	BA7064150		
SCALE: 1"=20'	COUNTY: BALTIMORE		T.I.M.S. NO. F084	
DATE: SEPT. 09, 1975	LOG MILE: 03012900.00			