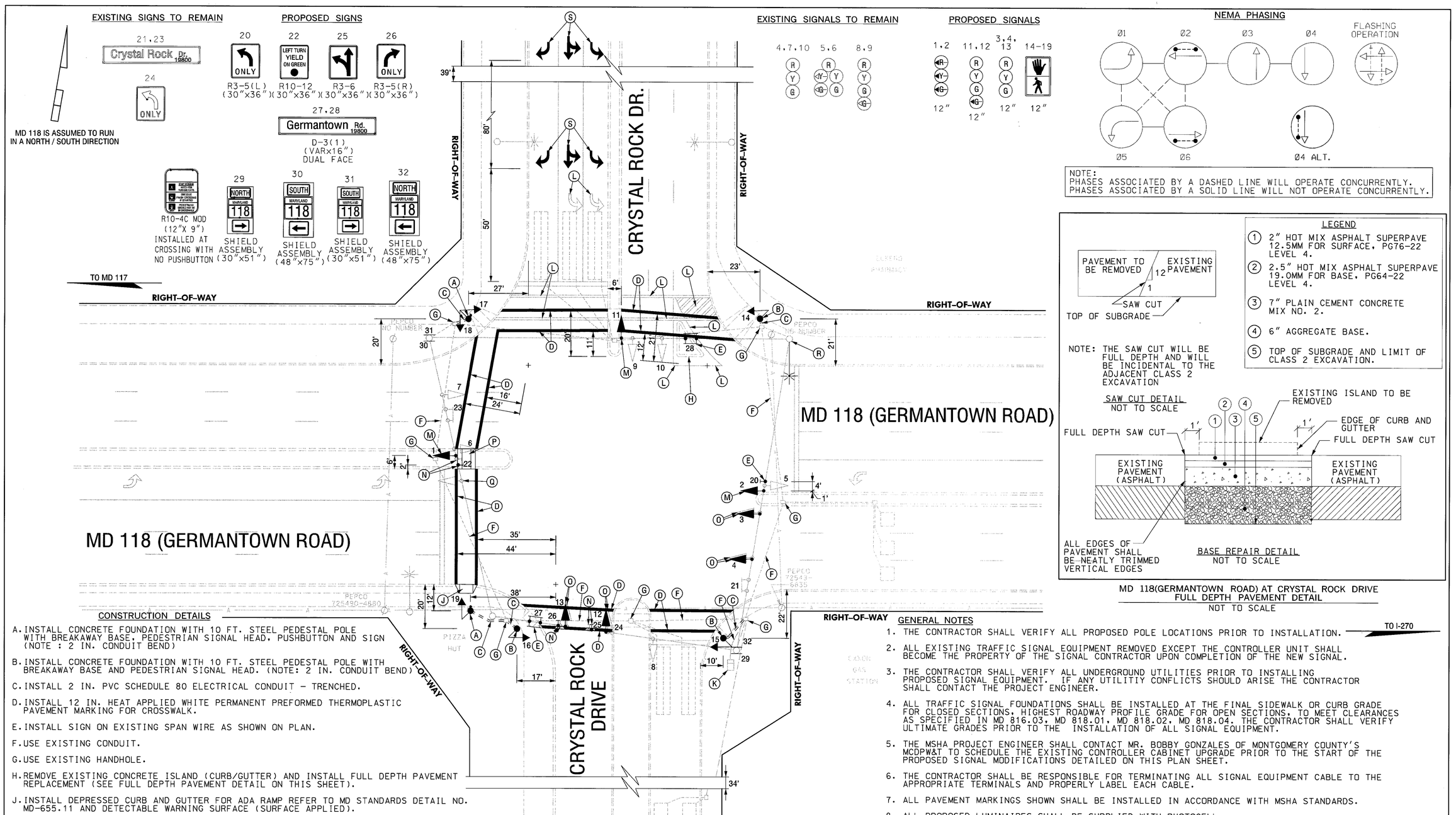

MD 118(GERMANTOWN ROAD) AT CRYSTAL ROCK DRIVE
FULL DEPTH PAVEMENT DETAIL
NOT TO SCALE

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN (NOTE : 2 IN. CONDUIT BEND)

B. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE AND PEDESTRIAN SIGNAL HEAD. (NOTE: 2 IN. CONDUIT BEND)

C. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

D. INSTALL 12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.

E. INSTALL SIGN ON EXISTING SPAN WIRE AS SHOWN ON PLAN.

F. USE EXISTING CONDUIT.

G. USE EXISTING HANDHOLE.

H. REMOVE EXISTING CONCRETE ISLAND (CURB/GUTTER) AND INSTALL FULL DEPTH PAVEMENT REPLACEMENT (SEE FULL DEPTH PAVEMENT DETAIL ON THIS SHEET).

J. INSTALL DEPRESSED CURB AND GUTTER FOR ADA RAMP REFER TO MD STANDARDS DETAIL NO. MD-655.11 AND DETECTABLE WARNING SURFACE (SURFACE APPLIED).

K. USE EXISTING BASE MOUNTED CABINET.

L. REMOVE EXISTING PAVEMENT MARKINGS.

M. INSTALL SIGNAL HEAD TO EXISTING SPAN WIRE & RINGS AS SHOWN ON PLAN.

N. REMOVE EXISTING SIGN FROM SPAN WIRE AND REPLACE WITH NEW SIGN AS SHOWN ON PLAN.

O. REMOVE EXISTING SIGNAL HEAD FROM SPAN WIRE AND REPLACE WITH NEW SIGNAL HEAD.

P. REMOVE EXISTING TAR MEDIAN DEPRESSION AND REPLACE WITH NEW "ADA" MEDIAN RAMP OPENING REFER TO MD STANDARDS DETAIL NO. MD-655.21. THE CONTRACTOR SHALL INSTALL A DETECTABLE WARNING SURFACE (SURFACE APPLIED) ON BOTH ENDS OF THE MEDIAN OPENING

Q. REMOVE EXISTING SIGNAL HEAD FROM SPAN WIRE AND RINGS COMPLETLY.

R. USE EXISTING STEEL STRAIN POLE AND INSTALL 15 FT. LIGHTING BRACKET ARM WITH 250 WATT HPS LUMINAIRE WITH PHOTOCELL AS SHOWN.

S. INSTALL HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED EXCEPT THE CONTROLLER UNIT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
4. 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 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.
5. THE MSHA PROJECT ENGINEER SHALL CONTACT MR. BOBBY GONZALES OF MONTGOMERY COUNTY'S MCDPW&T TO SCHEDULE THE EXISTING CONTROLLER CABINET UPGRADE PRIOR TO THE START OF THE PROPOSED SIGNAL MODIFICATIONS DETAILED ON THIS PLAN SHEET.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL EQUIPMENT CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
7. ALL PAVEMENT MARKINGS SHOWN SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
8. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH PHOTOCELL.

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — SD — STORM DRAIN
G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES

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DATE: 16-Apr-04 10:53

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
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(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
(B) SHA NO. AT2885185 (7/01/04) INSTALL PED. PHASE NORTH-SOUTH & WEST LEGS EXCLUSIVE LT.TURN HEADS FOR NB MD 118	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
SWA 4/16/03 BZK	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A MARCH, 1993 WB RT LANE SB DBL LEFT LOOPS	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
WJC SR DD TNG	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 118 (GERMANTOWN ROAD) AT CRYSTAL ROCK DRIVE

DRAWN BY: Mc DOT	F.A.P. NO.	TS NO. 2004 B	SHEET NO.
CHECKED BY: Mc DOT	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. F725/G210	1 OF 2
DATE: SEPTEMBER 10, 1990	LOG MILE: 15011805.73		

SHA#: MO325ABR/BER/MBR TED#: AT288-79M