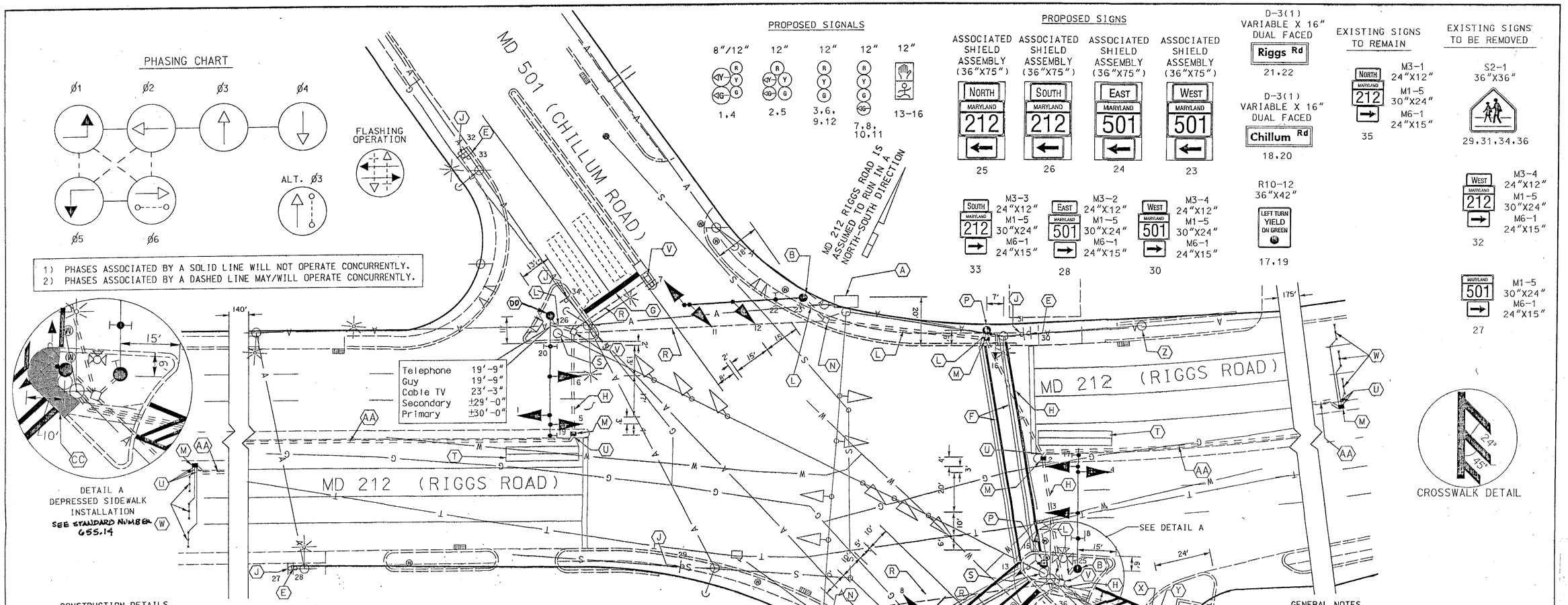

CONSTRUCTION DETAILS

(A) REMOVE EXISTING STRAIN POLE, CONTROLLER AND CABINET, SPAN WIRE, TRAFFIC SIGNALS, AND SIGNS AS SHOWN.

(B) INSTALL 21 FOOT STEEL POLE WITH A SINGLE 50 FOOT MAST ARM, BLACK FACED TRAFFIC SIGNAL HEADS, AND SIGNS. (NOTE: ONE (1) 3-INCH SCHEDULE 80, 90-DEGREE CONDUIT BEND).

(C) INSTALL 21 FOOT STEEL POLE WITH A SINGLE 38 FOOT MAST ARM, BLACK FACED TRAFFIC SIGNAL HEADS, SIGNS, AND PEDESTRIAN SIGNAL HEADS. (NOTE: ONE (1) 3-INCH SCHEDULE 80, 90-DEGREE CONDUIT BEND).

(D) DISCONNECT EXISTING MICROLOOP PROBE LEAD-IN CABLE IN EXISTING CABINET. PULL BACK SUFFICIENT LENGTH OF CABLETO ROUTE TO NEW CABINET

(E) INSTALL PROPOSED GROUND MOUNTED SIGN AND SUPPORT.

(F) REMOVE EXISTING PAVEMENT MARKING. INSTALL 12-INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.

(G) REMOVE EXISTING PAVEMENT MARKING. INSTALL 24-INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

(H) INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.

(J) REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.

(K) INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

(L) INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

(M) INSTALL ELECTRICAL HANDHOLE.

(N) USE EXISTING CONDUIT.

(P) INSTALL 10 FOOT BREAKAWAY PEDESTAL POLE AND BASE, PEDESTRIAN SIGNAL HEAD(S), PUSHBUTTON AND R10-4(1) "PUSH BUTTON TO CROSS RIGGS RD..." SIGN. (NOTE: ONE (1) 3-INCH SCHEDULE 80, 90-DEGREE CONDUIT BEND).

(Q) REMOVE EXISTING POLE FOUNDATION. INSTALL NEMA SIZE '6' BASE MOUNTED CABINET AND CONTROLLER. FACE CABINET DOORS TOWARD EXISTING SIDEWALK AND EXCLUDE STANDING PAD PORTION OF FOUNDATION. (NOTE: TWO (2) 3-INCH AND TWO (2) 4-INCH SCHEDULE 80, 90-DEGREE CONDUIT BENDS).

(R) USE EXISTING CONDUIT.

(S) REMOVE EXISTING STRAIN POLE, SPAN WIRE, TRAFFIC SIGNALS AND SIGNS.

(T) INSTALL 6' X 30' QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.

(U) INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.

(V) USE EXISTING HANDHOLE. SPLICE 2-CONDUCTOR ALUMINUM SHIELDED ELECTRICAL CABLE TO EXISTING LOOP WIRE.

(W) INSTALL MICRO-LOOP PROBE DETECTORS 295 FEET FROM STOP BAR.

(X) INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT- SLOTTED FOR PROPOSED TELEPHONE COMMUNCATION.

(Y) INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT- SLOTTED FOR PROPOSED POWER SERVICE FEED.

(Z) REMOVE EXISTING STRAIN POLE.

(AA) INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED

(BB) CAP AND ABANDON EXISTING CONDUIT

(CC) REMOVE EXISTING HANDICAP RAMP. INSTALL DEPRESSED SIDEWALK AS SHOWN.

(DD) INSTALL 21 FOOT STEEL POLE (15' T) WITH A SINGLE 50 FOOT MAST ARM, BLACK FACED TRAFFIC SIGNAL HEADS, AND SIGNS. (NOTE: ONE 3-INCH SCHEDULE 80, 90° DEGREE CONDUIT BEND.)

GENERAL NOTES

1. ALL PROPOSED PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH SHA AS WELL AS CURRENT MUTCD STANDARDS.
2. EXISTING WIRING NOT DETAILED SHALL REMAIN IN PLACE UNLESS OTHERWISED NOTED.
3. ALL SIGNS TO BE PLACED IN CONCRETE SHALL HAVE A SLEEVED FOUNDATION.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED TO BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

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

REVISIONS

C	RECONSTRUCT SIGNALS; NB + SB EXCLUSIVE/PERMISSIVE PHASING 6/6/03 SHA NO. AT3575185
MP	2/06/2006
B	REPLACE LOOP DETECTION SHA NOS: AN90IA51 FAP NOS: CMG-32A0005416 3/97
SRS	
A	1-17-74 UTILITY CORRECTION
ML	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASSIST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL SIGNED ON FILE

REVISION 'C'

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Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 212 (RIGGS ROAD) AND MD 501 (CHILLUM ROAD)
CHILLUM, MARYLAND
TRAFFIC SIGNAL PLAN

DRAWN BY: M. LINARDI	F.A.P. NO.	TS NO. 1063C	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 1"=20'	COUNTY: PRINCE GEORGES	T.I.M.S. NO. E962	1 OF 2
DATE: 11-6-73	LOG MILE: 16021200J7		