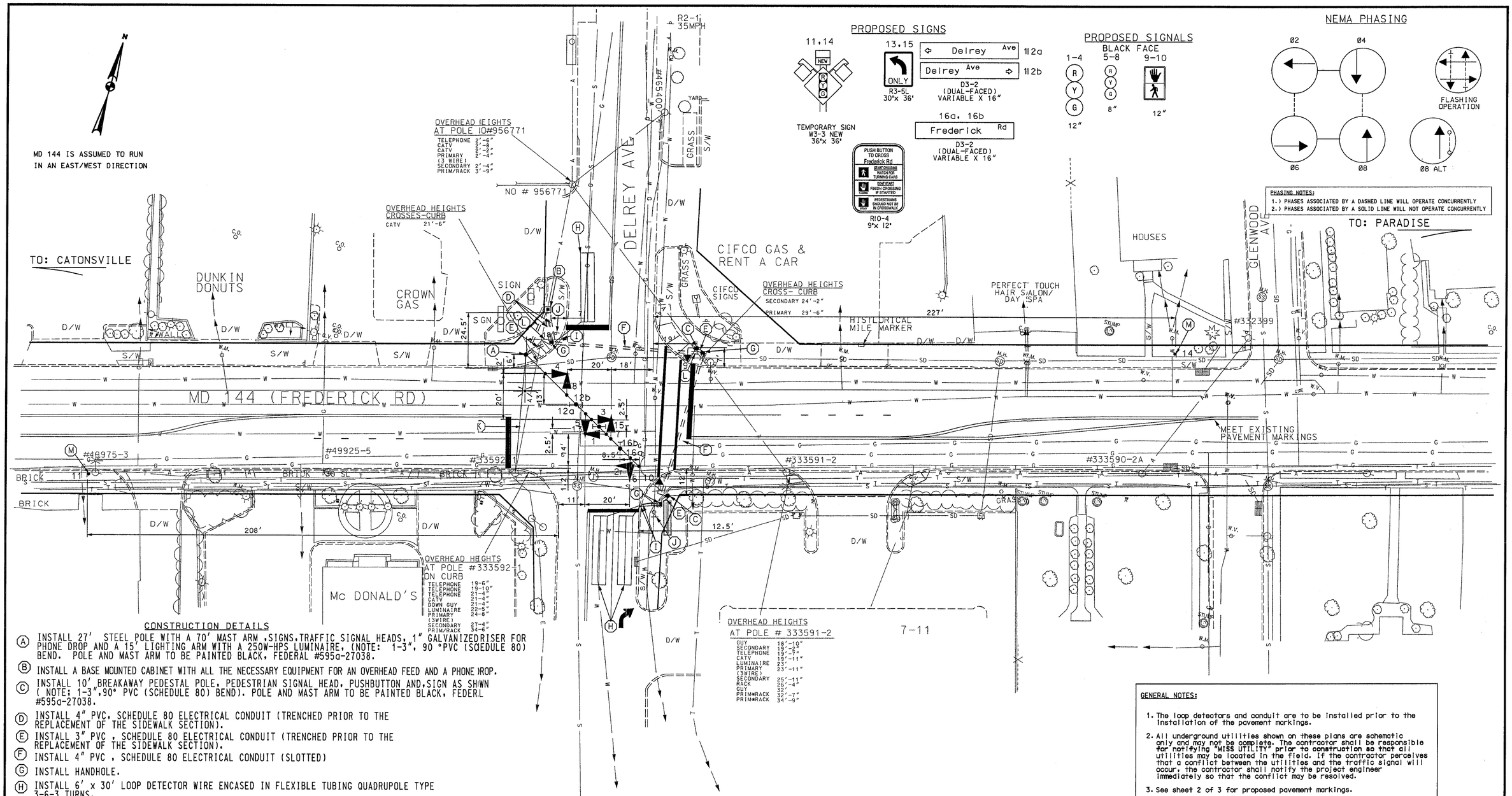

CONSTRUCTION DETAILS

(A) INSTALL 27' STEEL POLE WITH A 70' MAST ARM ,SIGNS,TRAFFIC SIGNAL HEADS, 1" GALVANIZED RISER FOR PHONE DROP AND A 15' LIGHTING ARM WITH A 250W-HPS LUMINAIRE. (NOTE: 1-3", 90 °PVC (SCEDULE 80) BEND. POLE AND MAST ARM TO BE PAINTED BLACK, FEDERAL #595a-27038.

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

(C) INSTALL 10' BREAKAWAY PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN AS SHWN (NOTE; 1-3",90° PVC (SCHEDULE 80) BEND). POLE AND MAST ARM TO BE PAINTED BLACK, FEDERL #595a-27038.

(D) INSTALL 4" PVC, SCHEDULE 80 ELECTRICAL CONDUIT (TRENCHED PRIOR TO THE REPLACEMENT OF THE SIDEWALK SECTION).

(E) INSTALL 3" PVC , SCHEDULE 80 ELECTRICAL CONDUIT (TRENCHED PRIOR TO THE REPLACEMENT OF THE SIDEWALK SECTION).

(F) INSTALL 4" PVC , SCHEDULE 80 ELECTRICAL CONDUIT (SLOTTED)

(G) INSTALL HANDHOLE.

(H) INSTALL 6' x 30' LOOP DETECTOR WIRE ENCASED IN FLEXIBLE TUBING QUADRUPOLE TYPE 3-6-3 TURNS.

(I) INSTALL 1" LIQUIDTIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR SLEEVE).

(J) REMOVE EXISTING STOP SIGN AFTER THE TRAFFIC SIGNAL IS IN OPERATION.

(K) PROPOSED OVERHEAD SERVICE BY BGE AND TELEPHONE DROP FROM POLE NO. 333592-1

(L) REMOVE EXISTING SIDEWALK SECTIONS AND REPLACE IN KIND AFTER THE INSTALLATION OF THE PROPOSED EQUIPMENT.

(M) INSTALL GROUND MOUNTED SIGNS.

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
—SD—SD—	STORM DRAIN

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
2. All underground utilities 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 immediately so that the conflict may be resolved.
3. See sheet 2 of 3 for proposed pavement markings.

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REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 6-23-03
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 6-23-03
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 6-23-03
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 144 (FREDERICK ROAD) AT DELREY AVE.

DRAWN BY: RJM	F.A.P. NO. AC-STPG-000S(787)E	TS NO. 4236	SHEET NO. 1 OF 3
CHECKED BY: RJM	S.H.A. NO. BA5716A5T/B5T		
SCALE: 1"= 20'	COUNTY: BALTIMORE	T.I.M.S. NO. E924	
DATE: 6/19/03	LOG MILE: 04014403.90		

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