US 13 (BUSINESS) IS ASSUMMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS & SIGNS

1,2,4,5 — R Y G 12"

3 — 12"

6a, 6b — Pollitt DR / Pollitt DR — D3-3 16" x 72" (Dual Faced)

7 — LEFT TURN SIGNAL — R10-10 24" x 30"

8,9 — R G G — 48" x 48"

10 — PROCEED ON FLASHING RED AFTER STOP — R10-6(t1) 60" x 36"

11,12 — DO NOT ENTER — R5-1 30" x 30"

13 — ONE WAY — R6-1R 36" x 12"

14 — NORTH BUSINESS 13 — ASSOCIATED ASSEMBLY SIGN 120" x 30"

PROPOSED SIGNALS & SIGNS

4,5 — R Y G 12"

10 — PROCEED ON FLASHING RED AFTER STOP — R10-6(t1) 60" x 36"

11 — DO NOT ENTER — R5-1 30" x 30"

MAST ARM MEASUREMENTS

5 4 10 3' 9' 8'

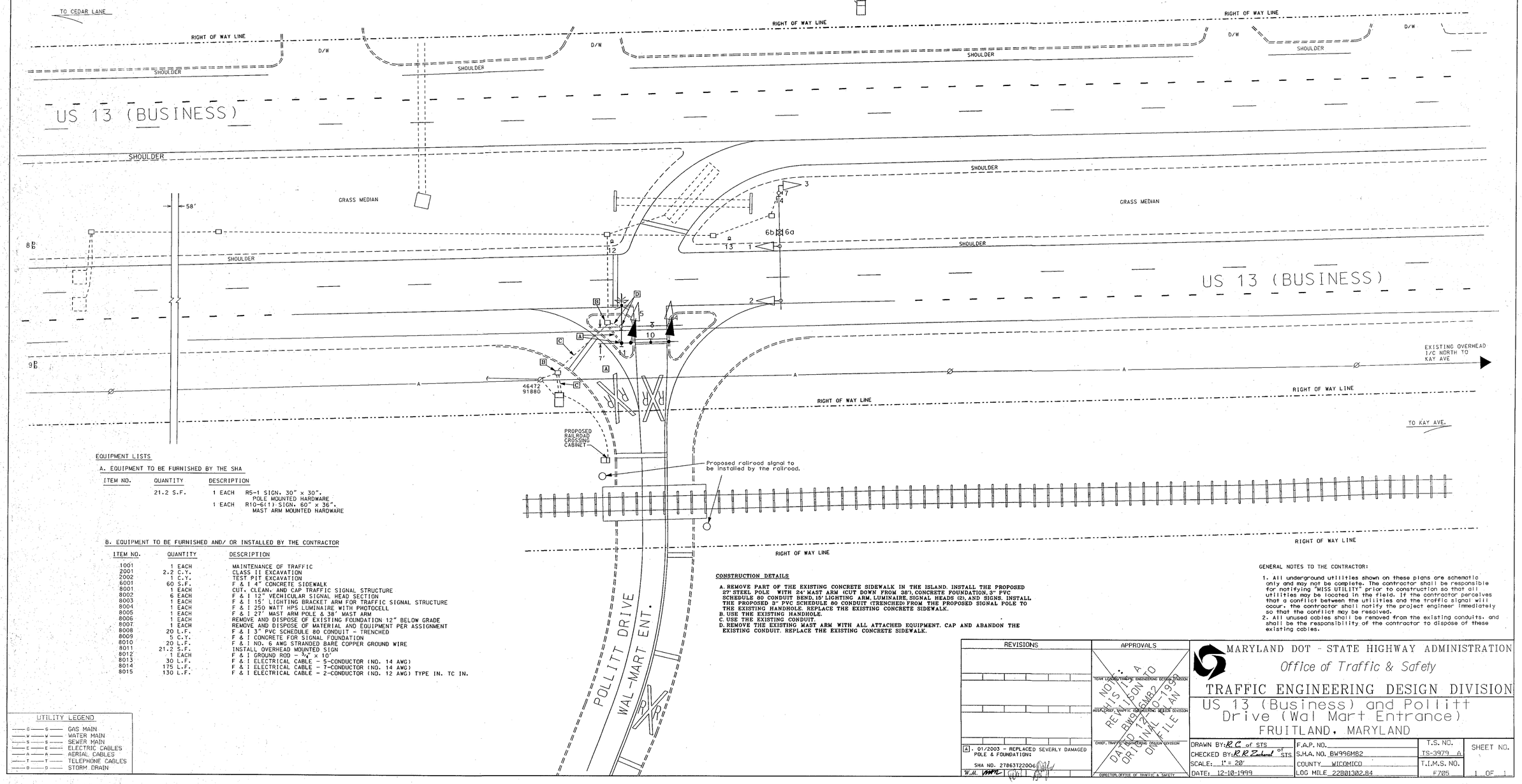
WIRING DIAGRAM

A = 7-CONDUCTOR CABLE (NO. 14 AWG)
B = 5-CONDUCTOR CABLE (NO. 14 AWG)
C = 2-CONDUCTOR CABLE (NO. 12 AWG) - T/C
D = NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
⏚ = GROUND ROD

NEMA PHASING:

Ø1 Ø2 PRE-EMPTION OPERATION FLASHING OPERATION

NEMA NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
	21.2 S.F.	1 EACH R5-1 SIGN, 30" x 30". POLE MOUNTED HARDWARE
		1 EACH R10-6(t1) SIGN, 60" x 36". MAST ARM MOUNTED HARDWARE

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	2.2 C.Y.	CLASS II EXCAVATION
2002	1 C.Y.	TEST PIT EXCAVATION
6001	60 S.F.	F & I 4" CONCRETE SIDEWALK
8001	1 EACH	CUT, CLEAN, AND CAP TRAFFIC SIGNAL STRUCTURE
8002	6 EACH	F & I 12" VECHICULAR SIGNAL HEAD SECTION
8003	1 EACH	F & I 15' LIGHTING BRACKET ARM FOR TRAFFIC SIGNAL STRUCTURE
8004	1 EACH	F & I 250 WATT HPS LUMINAIRE WITH PHOTOCELL
8005	1 EACH	F & I 27' MAST ARM POLE & 38' MAST ARM
8006	1 EACH	REMOVE AND DISPOSE OF EXISTING FOUNDATION 12" BELOW GRADE
8007	1 EACH	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
8008	20 L.F.	F & I 3" PVC SCHEDULE 80 CONDUIT - TRENCHED
8009	5 C.Y.	F & I CONCRETE FOR SIGNAL FOUNDATION
8010	20 L.F.	F & I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8011	21.2 S.F.	INSTALL OVERHEAD MOUNTED SIGN
8012	1 EACH	F & I GROUND ROD - ¾" x 10'
8013	30 L.F.	F & I ELECTRICAL CABLE - 5-CONDUCTOR (NO. 14 AWG)
8014	175 L.F.	F & I ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 AWG)
8015	130 L.F.	F & I ELECTRICAL CABLE - 2-CONDUCTOR (NO. 12 AWG) TYPE IN. TC IN.

CONSTRUCTION DETAILS

A. REMOVE PART OF THE EXISTING CONCRETE SIDEWALK IN THE ISLAND. INSTALL THE PROPOSED 27' STEEL POLE WITH 24' MAST ARM (CUT DOWN FROM 38'), CONCRETE FOUNDATION, 3" PVC SCHEDULE 80 CONDUIT BEND, 15' LIGHTING ARM, LUMINAIRE, SIGNAL HEADS (2), AND SIGNS. INSTALL THE PROPOSED 3" PVC SCHEDULE 80 CONDUIT (TRENCHED) FROM THE PROPOSED SIGNAL POLE TO THE EXISTING HANDHOLE. REPLACE THE EXISTING CONCRETE SIDEWALK.
B. USE THE EXISTING HANDHOLE.
C. USE THE EXISTING CONDUIT.
D. REMOVE THE EXISTING MAST ARM WITH ALL ATTACHED EQUIPMENT. CAP AND ABANDON THE EXISTING CONDUIT. REPLACE THE EXISTING CONCRETE SIDEWALK.

GENERAL NOTES TO THE CONTRACTOR:

1. 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.
2. All unused cables shall be removed from the existing conduits, and shall be the responsibility of the contractor to dispose of these existing cables.

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
—D— D—	STORM DRAIN

REVISIONS

A. 01/2003 - REPLACED SEVERLY DAMAGED POLE & FOUNDATION:
SHA NO. 27863T22006

W.M. [illegible]

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASSISTANT, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NOTE: THIS IS A REVISION TO BW996M82 DATED 12-10-1999 ORIGINAL PLAN ON FILE

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

US 13 (Business) and Pollitt Drive (Wal Mart Entrance)
FRUITLAND, MARYLAND

DRAWN BY: R.C. of STS	F.A.P. NO.	T.S. NO. TS-3979 A	SHEET NO.
CHECKED BY: R.R. Zachard of STS	S.H.A. NO. BW996M82		
SCALE: 1" = 20'	COUNTY WICOMICO	T.I.M.S. NO. F705	1 OF 1
DATE: 12-10-1999	LOG MILE 22801302.84		