DRILL HOLES

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US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

CONSTRUCTION NOTES

1. INSTALL 760 LF. OF 4 IN. SCHEDULE 80, RIDIG PVC ELECTRICAL CONDUIT (TRENCHED) AND 3 HANDHOLES. REMOVE EXISTING 12-PAIR INTERCONNECT CABLE AND RE-INSTALL IT THROUGH THE NEW CONDUIT.

EXISTING SIGNALS

3,4,7,8,11,14 — R Y G 12"

10,13 — R Y G 12"

1,2,5,6 — R Y G 12"

9,12 — R Y G 8"

15,16 — Y 12"

EXISTING SIGNS

21,23 — PULASKI HWY — D3-2 DUAL FACE SIGN (VAR. X 16")

17,18 — JOPPA FARM RD — D3-2 DUAL FACE SIGN (VAR. X 16")

25 — W3-3

19,22 — ONLY — R3-5(L) (30" X 36")

20 — R3-6(L) (30" X 36")

24 — SIGNAL AHEAD PREPARE TO STOP WHEN FLASHING — W3-3(2) (120" X 60")

NEMA PHASING

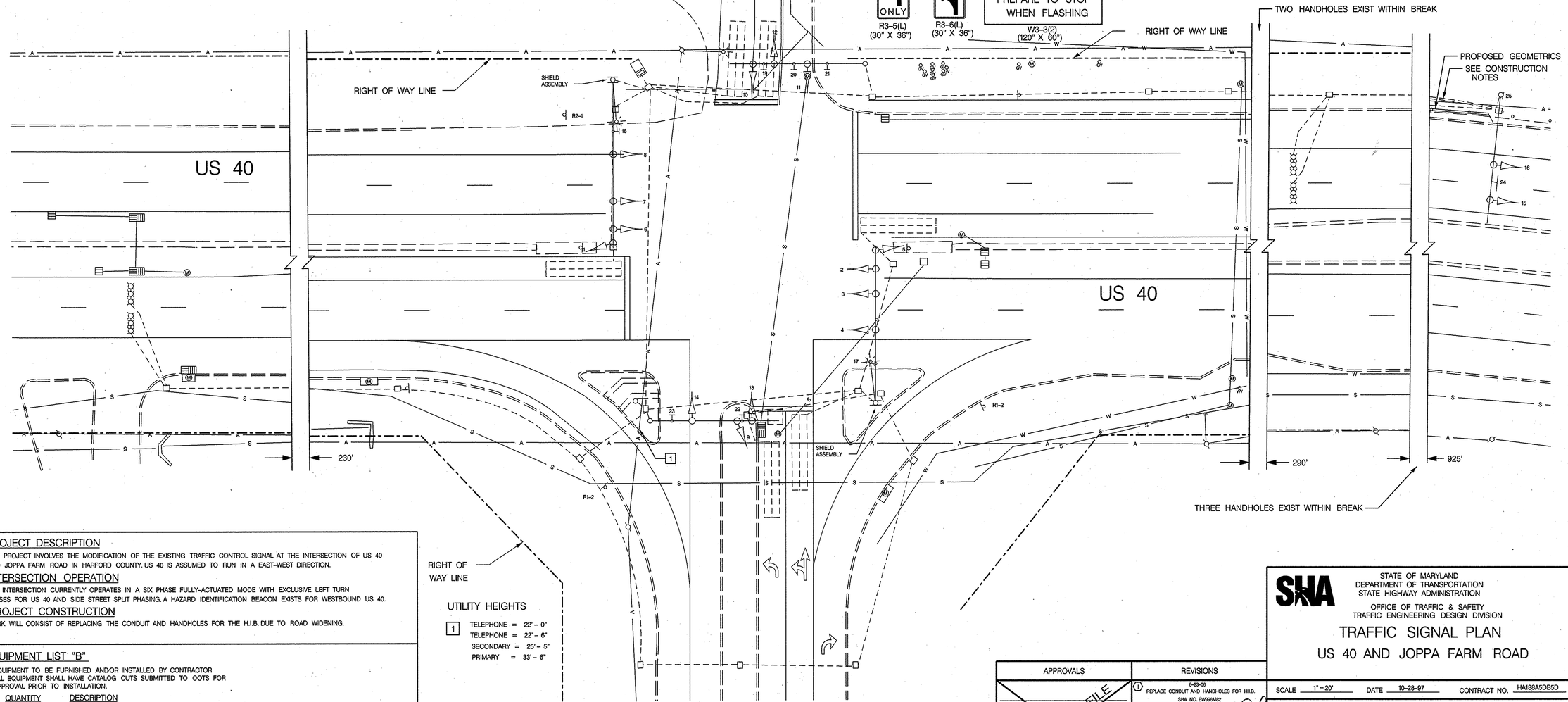
ø1 ø2 ø3 ø4 ø5 ø6

FLASHING OPERATION

PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 40 AND JOPPA FARM ROAD IN HARFORD COUNTY. US 40 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A SIX PHASE FULLY-ACTUATED MODE WITH EXCLUSIVE LEFT TURN PHASES FOR US 40 AND SIDE STREET SPLIT PHASING. A HAZARD IDENTIFICATION BEACON EXISTS FOR WESTBOUND US 40.

PROJECT CONSTRUCTION

WORK WILL CONSIST OF REPLACING THE CONDUIT AND HANDHOLES FOR THE H.I.B. DUE TO ROAD WIDENING.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
3 EA	FURNISH AND INSTALL HANDHOLE
760 LF	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT – TRENCHED
800 LF	REMOVE AND RE-INSTALL CABLE
*1800 LF	FURNISH AND INSTALL 12-PAIR VOICE GRADE INTERCONNECT CABLE

* DENOTES CONTINGENT ITEM

UTILITY HEIGHTS

1 — TELEPHONE = 22' – 0"
TELEPHONE = 22' – 6"
SECONDARY = 25' – 5"
PRIMARY = 33' – 6"

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

1 — 6-23-06 — REPLACE CONDUIT AND HANDHOLES FOR H.I.B. — SHA NO. BW996M82 — TZ

H — 7-7-04 — REPLACE MAST ARM IN SW CORNER — SHA NO. 27953T12021 — TZ

G — 8-20-02 — REPLACE DETECTION DUE TO WIDENING — SHA NO. HA2285177 — TZ

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

US 40 AND JOPPA FARM ROAD

SCALE 1" = 20' DATE 10-28-97 CONTRACT NO. HA188A5DB5D

DESIGNED BY T. ZAYDEL
DRAWN BY T. ZAYDEL
CHECKED BY K. SCHMID
F.A.P. NO. N/A

COUNTY HARFORD
LOGMILE 1204000.17
T.I.M.S. NO.
TOD NO.

DRAWING NO. TS-100 I

SHEET NO. 1 OF 1

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