DRILL HOLES

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EXISTING SIGNALS & SIGNS

MD 140 IS CROSSED TO RUN IN A EAST-WEST DIRECTION

1,2,5,7,8,10,11 — R Y G — 12"

3 — R OY Y OG G — 12"/8"

4 — R OY Y OG G — 12"

6,9 — R Y G — 8"

12,13 — Y

14a — Old Taneytown RD

14b — Old Taneytown RD — 03-1 (DUAL FACED) 16" x Var.

15a — Hughes Shop RD

15b — Hughes Shop RD — 03-1 (DUAL FACED) 16" x Var.

16 — EAST MARYLAND 140 — ASSOCIATED SHIELD ASSEMBLY SIGN 30" x 51"

17 — WEST MARYLAND 140 — ASSOCIATED SHIELD ASSEMBLY SIGN 48" x 75"

19 — WEST MARYLAND 140 — ASSOCIATED SHIELD ASSEMBLY SIGN 30" x 51"

20 — EAST MARYLAND 140 — ASSOCIATED SHIELD ASSEMBLY SIGN 48" x 75"

18a,18b,21a,21b — Taneytown PIKE — 03-1 (DUAL FACED) 16" x Var.

22 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3121 (120" x 60")

23 — R Y G

24 — R Y G — Old Taneytown Rd / Hughes Shop Rd

PROPOSED VIDEO DETECTION

a–c — VIDEO DETECTION CAMERA

CONSTRUCTION DETAILS

A. INSTALL THE PROPOSED VIDEO DETECTION CAMERA ON THE EXISTING MAST ARM.
B. USE THE EXISTING CONDUIT.
C. USE THE EXISTING HANDHOLE.
D. USE THE EXISTING CONTROLLER CABINET.
E. DISCONNECT THE EXISTING LOOP DETECTOR.

NEMA PHASING:

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

EQUIPMENT LIST:

A. EQUIPMENT TO BE FURNISHED BY THE SHA:

ITEM NO.	QUANTITY	DESCRIPTION
* 9086	1 EACH	VIDEO DETECTION INTEFACE EQUIPMENT: 1-4 CAMERAS

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8006	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL & EQUIPMENT
8007	3 EACH	F & I VIDEO DETECTION CAMERA AND CABLE

* - TO BE INSTALLED BY THE SHA SIGNAL SHOP

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER- TRAFFIC
PHONE: (301) 624-8140

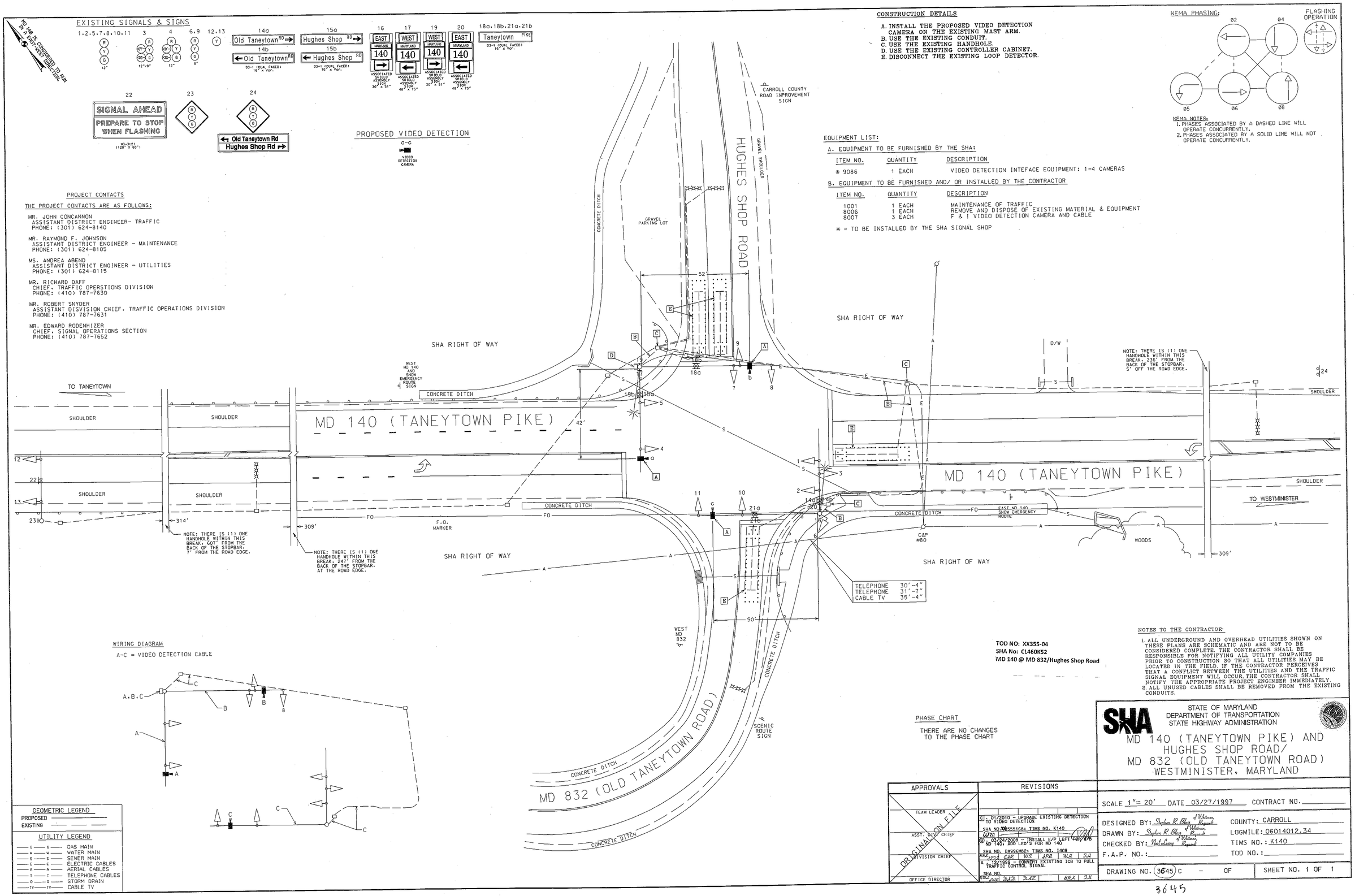
MR. RAYMOND F. JOHNSON
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 624-8105

MS. ANDREA ABEND
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (301) 624-8115

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERSTIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DISVISION CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652



WIRING DIAGRAM

A-C = VIDEO DETECTION CABLE

TOD NO: XX355-04
SHA No: CL460K52
MD 140 @ MD 832/Hughes Shop Road

NOTES TO THE CONTRACTOR:

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED 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 THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
2. ALL UNUSED CABLES SHALL BE REMOVED FROM THE EXISTING CONDUITS.

PHASE CHART

THERE ARE NO CHANGES TO THE PHASE CHART

GEOMETRIC LEGEND

PROPOSED
EXISTING

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
D	STORM DRAIN
TV	CABLE TV

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 140 (TANEYTOWN PIKE) AND HUGHES SHOP ROAD/ MD 832 (OLD TANEYTOWN ROAD) WESTMINISTER, MARYLAND

APPROVALS	REVISIONS
TEAM LEADER	C. 01/2010 - UPGRADE EXISTING DETECTION TO VIDEO DETECTION
ASST. DIV. CHIEF	SHA NO. XX555168: TIMS NO. K140
DIVISION CHIEF	B. 03/24/2008 - INSTALL E/P LEFT FOR MD 140; MD 140: ADD LED'S FOR MD 140
OFFICE DIRECTOR	SHA NO. BW996M52: TIMS NO. 1409
	A. 12/1999 - CONVERT EXISTING ICB TO FULL TRAFFIC CONTROL SIGNAL
	SHA NO.

ORIGINAL ON FILE

SCALE 1"= 20' DATE 03/27/1997 CONTRACT NO.

DESIGNED BY: Stephen R. Bloss of Whitman, Requardt
DRAWN BY: Stephen R. Bloss of Whitman, Requardt
CHECKED BY: Neal Lang of Whitman, Requardt
F.A.P. NO.:

COUNTY: CARROLL
LOGMILE: 06014012.34
TIMS NO.: K140
TOD NO.:

DRAWING NO. (3645) C - OF

SHEET NO. 1 OF 1

3645