DRILL HOLES

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BORDER REV: DATE: June 1, 2004

NOTE:
US 13 IS ASSUMED TO
RUN IN A NORTH-SOUTH DIRECTION

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9042	Controller ASC II with telemetry	1 EA
9044	Controller cabinet, size "6"	1 EA
9087	Video detection interface equipment: 5-8 cameras	1 EA

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

ITEM NO.	DESCRIPTION	QUANTITY
	* - MAINTENANCE OF TRAFFIC HAS ALREADY BEEN COVERED ON OTHER SHEETS.	
	* - REMOVE & DISPOSE FOR THIS INTERSECTION HAS ALREADY BEEN COVERED ON OTHER SHEET	
8007	Video detection camera & cable	6 EA

EQUIPMENT LIST (CONT.)

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

ITEM NO.	DESCRIPTION	QUANTITY
1	~~8009 Micro-loop probe (any length) lead-in cable (up to 1000').~~	~~3 EA~~
1	8010 Pull back and reroute cables	10 LF
1	8011 Schedule 80 rigid PVC conduit up to 4" - bored.	240 ~~165~~ LF
1	8013 Schedule 80 rigid PVC conduit up to 4" - trenched.	50 ~~10~~ LF
1	8018 Non-invasive detector up to 1000' lead in cable	7 ~~4~~ 4 EA
1	8019 Furnish and install electrical handhole.	~~2~~ EA
	8022 Install controller and cabinet base mount.	1 EA
1	~~8024 1" Detector Sleeve galvanized or flexible liquid~~	~~20 LF~~
1	Neg. Metered Service Pedestal	1 EA
1	Neg. Electrical cable 1-conductor No. 8 AWG THHN/THWN.	50 LF

PROPOSED CAMERAS

■ - VIDEO DETECTION CAMERA (a-f)

PROPOSED SIGNALS & SIGNS

1,2,5,6 — 12"; 3,4,7,8,11,14 — 12"; 9,12 — 8" 8" 12"; 10,13 — 12"

A - B — V9-3, 48" X 48"; F — R 3-52D, 30"X 24"; EH — R 3-5B, 60"X30"; G — R 3-4, 24"X 24"

NEMA PHASING

REV. B

OPTICOM DETECTOR

15,16

#1 #2 #3 #4 #5 #6 FLASHING OPERATION

REV. B

PRE-EMPT # 1

PRE-EMPT # 2

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

U.S. 13 S.B.R.

TO ZION RD. (MD 349)

SHOULDER

530'

392'

RIGHT OF WAY LINE

CENTER AT SALISBURY DR.

TRANSFORMER

RIGHT OF WAY LINE

DP&L #47708 #94649

RIGHT OF WAY LINE

411' 426'

311'

ONE HANDBOX INSTALLED IN THE MEDIAN APPROX. 220' FROM THE NOSE OF THE MEDIAN.

DP&L #47726 #94527

U.S. 13 N.B.R.

CLP #23

SEE INTERCONNECT PLAN (SHEET 5 OF 8) MATCH LINE "A"

PROPOSED WIRING LEGEND

→→→ = VIDEO CABLE / MICROLOOP CABLE (PATH TO CONTROLLER)

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
3. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

CONSTRUCTION DETAILS

A. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

1 B. ~~Disconnect~~ Remove existing electrical service mounted on cabinet and pull back existing cables to hand hole nearest controller. (Note: interconnect cable shall be removed and replaced to existing pole mounted splice cabinet north of this intersection. See Interconnect Plan Sheet.) Remove existing cabinet and controller and install NEMA size "6" type cabinet and controller on existing base and reroute existing cables to new controller. ~~Re-install existing electrical service to cabinet.~~

C. Install 1" galvanized steel electrical conduit (detector wire sleeve).

1 D. Install non-invasive micro-loop probes as shown.

E. Use existing handhole and install 12-pair communication cable (jelly-filled) and micro loop lead-in cable. Remove 2c aluminum shielded cables.

F. Install 4" polyvinyl chloride electrical conduit (Schedule-80) bored, 12-pair communication cable (jelly-filled) and micro loop lead-in cable.

G. Install video detection camera on existing mast arm as shown.

H. Install handhole as shown.

J. Install non-invasive micro-loop probes as shown.

K. Use existing handhole and install micro loop lead-in cables. Disconnect existing loops and remove 2c aluminum shielded cables.

L. Install 3" polyvinyl chloride electrical conduit (Schedule-80) trenched.

1 M. Install 2" polyvinyl chloride electrical conduit (Schedule-80) trenched.

CONSTRUCTION DETAILS

1 N. Install metered pedestal service. (Note: Reroute lighting cables into new Service Pedestal).

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

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APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

© 2/23/11 INSTALL VIDEO DETECTION CAMERAS & PROBES SHA No. XX3565168 TIMS NO. J615 RRZ
B 1/5/94 INSTALLED OPTICOM PRE-EMPTION SHA NO. 855-25040061 HAR
A 12/93 REPHASED FORM LEAD-LAG L/T TO LEAD-LEAD L/T HAR

1 Redline Revision Dated June 7, 2011

SHA MDOT - SHA O.O.T.S. S.H.A. Approval Date T.S. # 2507C T.I.M.S. # J615

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 13 (OCEAN HWY) AND CENTRE ROAD

SALISBURY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 10/88 CONTRACT NO.

DESIGNED BY
DRAWN BY DCD
CHECKED BY DCD
F.A.P. NO.

COUNTY WICOMICO
LOGMILE 22001312.00
TIMS NO.
TOD NO.

TS NO. 2507C | DRAWING NO. 4 OF 8 | SHEET NO. OF

PLOTTED: $DATETIME$
FILE: $FILE$

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