BORDER REV. DATE: June 1, 2004
IL - HOLES
BY: kurgansky

MD 279 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS TO REMAIN

1,4, 8,11	2,5, 9,12	3,6,7, 10,13	14-17
12"/8"	12"	12"	12"

EXISTING SIGNS TO REMAIN

18-21	22-24	25-27	28	29	30
Bridge Street	NO TURN ON RED	DO NOT ENTER		NORTH MARYLAND 213	SOUTH MARYLAND 213

38	39	40
TO MARYLAND 95	H	TO MARYLAND 95

PROPOSED VIDEO DETECTION

a,b,c

PROPOSED VIDEO DETECTION ZONE

a,b,c

EXISTING SIGNS TO BE REMOVED

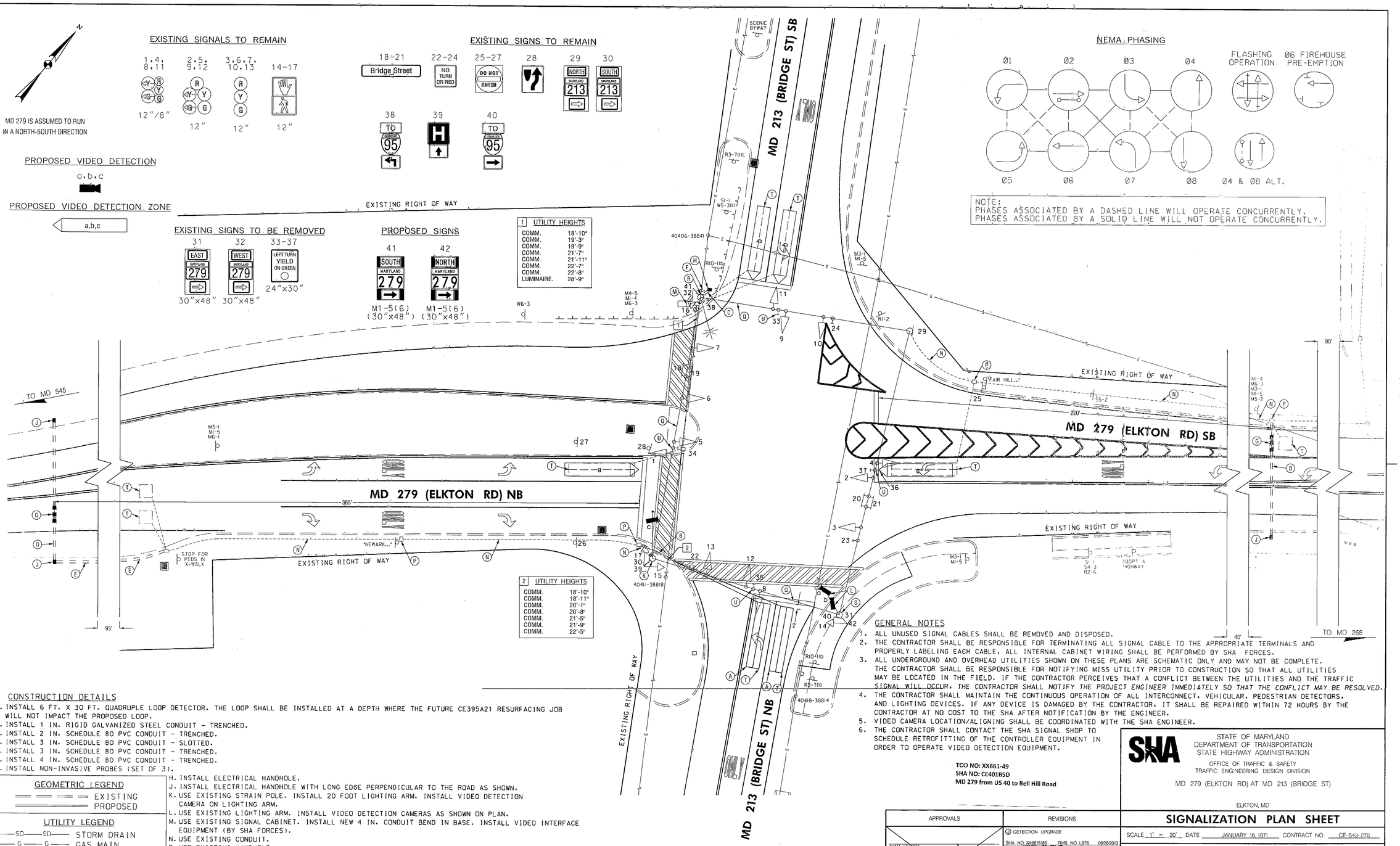
31	32	33-37
EAST MARYLAND 279	WEST MARYLAND 279	LEFT TURN YIELD ON GREEN
30"x48"	30"x48"	24"x30"

PROPOSED SIGNS

41	42
SOUTH MARYLAND 279	NORTH MARYLAND 279
M1-5(6) (30"x48")	M1-5(6) (30"x48")

1	UTILITY HEIGHTS
COMM.	18'-10"
COMM.	19'-3"
COMM.	19'-9"
COMM.	21'-7"
COMM.	21'-11"
COMM.	22'-7"
COMM.	22'-8"
LUMINAIRE.	28'-9"

2	UTILITY HEIGHTS
COMM.	18'-10"
COMM.	18'-11"
COMM.	20'-1"
COMM.	20'-8"
COMM.	21'-5"
COMM.	21'-9"
COMM.	22'-5"



NEMA PHASING

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. QUADRUPLE LOOP DETECTOR. THE LOOP SHALL BE INSTALLED AT A DEPTH WHERE THE FUTURE CE395A21 RESURFACING JOB WILL NOT IMPACT THE PROPOSED LOOP.
B. INSTALL 1 IN. RIGID GALVANIZED STEEL CONDUIT - TRENCHED.
C. INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.
D. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT - SLOTTED.
E. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.
F. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.
G. INSTALL NON-INVASIVE PROBES (SET OF 3).
H. INSTALL ELECTRICAL HANDHOLE.
J. INSTALL ELECTRICAL HANDHOLE WITH LONG EDGE PERPENDICULAR TO THE ROAD AS SHOWN.
K. USE EXISTING STRAIN POLE. INSTALL 20 FOOT LIGHTING ARM. INSTALL VIDEO DETECTION CAMERA ON LIGHTING ARM.
L. USE EXISTING LIGHTING ARM. INSTALL VIDEO DETECTION CAMERAS AS SHOWN ON PLAN.
M. USE EXISTING SIGNAL CABINET. INSTALL NEW 4 IN. CONDUIT BEND IN BASE. INSTALL VIDEO INTERFACE EQUIPMENT (BY SHA FORCES).
N. USE EXISTING CONDUIT.
P. USE EXISTING HANDHOLE.
Q. USE EXISTING SPAN WIRE.
R. USE EXISTING STRAIN POLE. INSTALL ADDITIONAL 2 IN. SCHEDULE 80 PVC CONDUIT BEND IN FOUNDATION. REMOVE EXISTING POLE MOUNTED SIGN AND INSTALL PROPOSED POLE MOUNTED SIGN.
S. USE EXISTING STRAIN POLE. REMOVE EXISTING POLE MOUNTED SIGN AND INSTALL PROPOSED POLE MOUNTED SIGN.
T. ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL ASSOCIATED WIRING.
U. REMOVE EXISTING (LEFT TURN YIELD ON GREEN BALL) SIGNS AND ALL ASSOCIATED EQUIPMENT ONLY.

GENERAL NOTES

1. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY SHA FORCES.
3. ALL UNDERGROUND AND OVERHEAD 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.
4. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE SHA AFTER NOTIFICATION BY THE ENGINEER.
5. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
6. THE CONTRACTOR SHALL CONTACT THE SHA SIGNAL SHOP TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.

TOD NO: XX661-49
SHA NO: CE401B5D
MD 279 from US 40 to Bell Hill Road

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

PARSONS BRINCKERHOFF
100 S. Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201
(Ph) 410-787-5050
(Fax) 410-727-4608
http://www.pbworld.com

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
2 DETECTION UPGRADE
SHA NO. XX661B5 TIMS NO. 1,878 08/26/2013
KMP | BD | BD | MLP
1 REMOVE HIS AND INSTALL NEW PRE-EMPTION
SHA NO. BW996M82 TIMS NO. 1,023 09/09/2011
JMZ | DJD | RDM | MLP | WJV
H UPGRADE SIGNAL HEADS TO LED
SHA NO. SF-SIGNAL SHOP 10/2008
MLP | DJD | DJD

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 279 (ELKTON RD) AT MD 213 (BRIDGE ST)

ELKTON, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE JANUARY 16, 1971 CONTRACT NO. CE-543-276

DESIGNED BY
DRAWN BY LES TOWNSEND
CHECKED BY
F.A.P. NO. T-8003(3)

COUNTY CECIL
LOGMILE 07027901.18
TIMS NO.
TOD NO.

TS NO. 274J | DRAWING SG-01 OF 02 | SHEET NO. 01 OF 02

PLOTTED: Friday, July 12, 2013 AT 08:17 AM
FILE: T:\173124A-TrafficDesignServices\TRF\141\Plans\pSG_P001-MD 279 @ MD 213.dgn