MD 175 IS ASSUMED TO RUN IN AN EAST / WEST DIRECTION

EXISTING SIGNS TO REMAIN

23,26 ~~22,25~~ ~~23~~ 24 ~~26~~27 ~~27~~28 ~~28~~39 30 31 32 33,34

EXISTING SIGNALS TO BE REMOVED

7a 1a,5a 3a,6a

EXISTING SIGNALS TO REMAIN

11,14 ~~10,13~~ 4,~~X~~ ~~X~~ ~~X~~ 9,10,12,13 ~~8,9,~~ ~~11,12~~ 15-20 ~~14-19~~

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø4 ALT.

Ø5 Ø6

FLASHING OPERATION

PROPOSED SIGNS

~~20c~~ 21a Blue Water BLVD — D-3(1) (VAR.x16")

~~20b~~ 21b Blue Water BLVD — D-3(1) (VAR.x16")

~~21c~~ 22a Llewellyn AVE — D-3(1) (VAR.x16")

~~21b~~ 22b Llewellyn AVE — D-3(1) (VAR.x16")

25a,25b,29a,29b ~~24a,24b,28a,28b~~ Annapolis RD — D-3(1) (VAR.x16")

35 EAST MARYLAND 175 — M1-5(6) (48"x72")

38 WEST MARYLAND 175 — M3-4 (24"x12") M1-5 (30"x24") M6-1(R) (21"x15")

37 WEST MARYLAND 175 — M1-5(6) (48"x72")

36 EAST MARYLAND 175 — M1-5(6) (30"x48")

PROPOSED SIGNALS

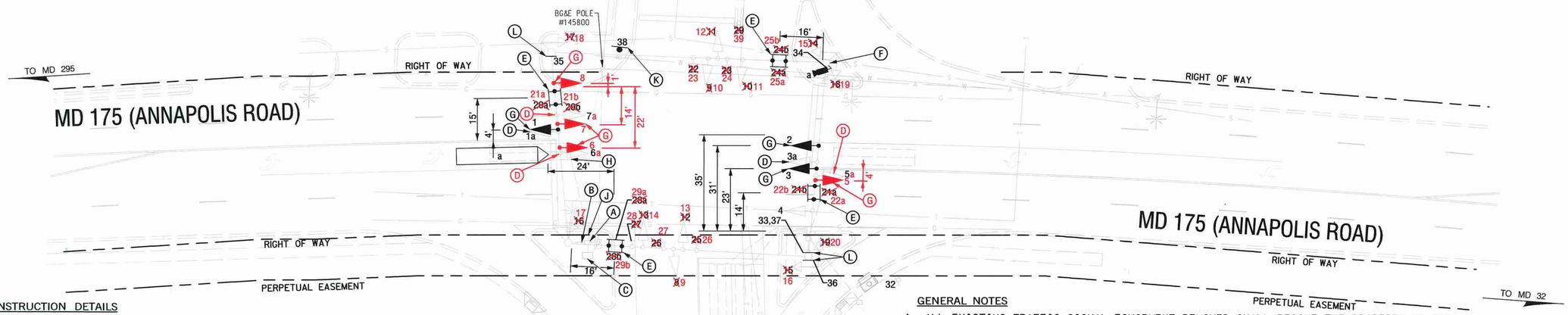
1,2, 5,6 — 12" 12"

3,7,8

PROPOSED VIDEO DETECTION CAMERA

a

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



CONSTRUCTION DETAILS

A. USE EXISTING HANDHOLE.
B. USE EXISTING CONDUIT.
C. USE EXISTING CABINET AND CONTROLLER. IDENTIFY AND PROVIDE ID TAGS FOR ALL EXISTING CABLES. REMOVE ALL UNUSED CABLES FROM CABINET, CONDUIT BEND, AND ADJACENT HANDHOLE. INSTALL NEW CABLES IN CONTROLLER CABINET, PROVIDE CABLE ID TAGS AND LABEL EACH CABLE END.
D. REMOVE EXISTING TRAFFIC SIGNAL HEAD FROM THE SPAN WIRE.
E. USE EXISTING SPAN WIRE AND INSTALL PROPOSED SIGN AS SHOWN ON PLAN.
F. INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL POLE.
G. USE EXISTING SPAN WIRE AND INSTALL PROPOSED SIGNAL HEAD AS SHOWN ON PLAN.
H. ABANDON EXISTING LOOP DETECTOR, REMOVE ALL WIRES FROM HANDHOLES, CONDUITS AND CABINET.
J. CAP AND ABANDON EXISTING CONDUIT.
K. INSTALL GROUND MOUNTED SIGN ON A SINGLE WOOD (4 INCH X 4 INCH) SUPPORT.
L. INSTALL ROUTE ASSEMBLY SIGN ON EXISTING SIGNAL POLE.

GENERAL NOTES

1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UPON COMPLETION OF THE SIGNAL.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND LABELING EACH EXISTING CABLE UTILIZING THE CONDUIT BETWEEN THE SIGNAL CABINET AND THE NEAREST HANDHOLE AND REMOVING FROM ALL CONDUITS, HANDHOLES, AND THE CABINET ANY UNUSED CABLES PRIOR TO THE INSTALLATION OF NEW CABLES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE END.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATICS 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 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 ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
5. THE CONTRACTOR SHALL COORDINATE WITH THE DEVELOPER ON THE NORTHWEST QUADRANT OF THE INTERSECTION TO ENSURE THAT PROPOSED EQUIPMENT IS PROPERLY INSTALLED.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC

SABRA, WANG & ASSOCIATES, INC.
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SUITE 160
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(410) 737-6564
WWW.SABRA-WANG.COM

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DIVISION

CHIEF TRAFFIC ENGINEERING DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

9/17/2010
1 REDLINE NO. 01, SEPT. '10

REVISIONS

G	MODIFY TRAFFIC SIGNAL PHASING FROM EP TO EXCLUSIVE FOR ~~EASTBOUND~~ MD 175 SHA NO. XX4475185	04-2010	SWAGAW
F	NEW GEOMETRICS FOR SIDE ROAD INSTALL ADA EQUIPMENT AND VIDEO SHA NO. BW-996M82	12-22-08	TMZ
E	SPLIT SIDE STREET PHASING	9-15-98	TMZ

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

MD 175 (ANNAPOLIS ROAD)
AT LLEWELLYN AVENUE /BLUE WATER BOULEVARD
ODENTON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE CONTRACT NO.

DESIGNED BY
DRAWN BY T. ZAYDEL
CHECKED BY
FAP NO.

COUNTY ANNE ARUNDEL
LOGMILE 02017504.94
TIMS NO. 1138
TOD NO.

TS NO. 163G DRAWING OF SHEET NO. 1 OF 2

PLOTTED: Wednesday, September 15, 2010 AT 04:13 PM
FILE: R:\2008\V3 SHA BCS 2008-09A_TEDD DESIGN_STV_JV__$SM\Task 16 MD 175 at Winmeyer and Bluewater\dwg\Redline No 1\dSG-p002_MD175@BlueWaterBlvd.dgn

BY:AGRIFFIN -