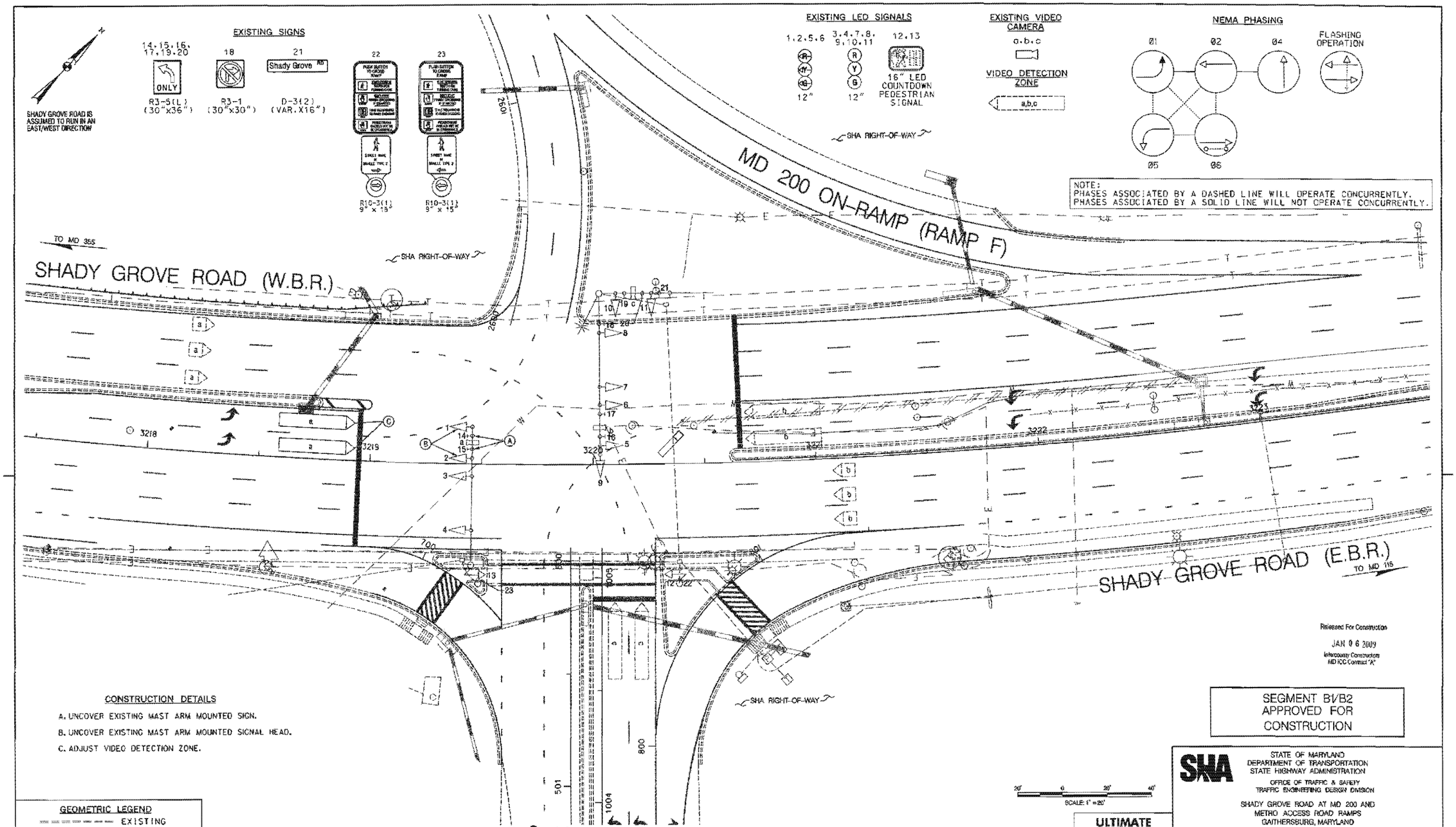
SHADY GROVE ROAD IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION
EXISTING SIGNS
14,15,16,17,19,20
ONLY
R3-5(L)
(30"x36")
18
R3-1
(30"x30")
21
Shady Grove RD
D-3(2)
(VAR.X16")
22
23
R10-3(1)
9" x 15"
EXISTING LED SIGNALS
1,2,5,6
3,4,7,8,9,10,11
12,13
12"
16" LED COUNTDOWN PEDESTRIAN SIGNAL
EXISTING VIDEO CAMERA
a,b,c
VIDEO DETECTION ZONE
a,b,c
NEMA PHASING
Ø1
Ø2
Ø4
FLASHING OPERATION
Ø5
Ø6
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
SHA RIGHT-OF-WAY
MD 200 ON-RAMP (RAMP F)
TO MD 355
SHADY GROVE ROAD (W.B.R.)
SHADY GROVE ROAD (E.B.R.)
TO MD 115
WB I-370 ON-RAMP (RAMP E)
WB I-370 OFF-RAMP (RAMP I)
CONSTRUCTION DETAILS
A. UNCOVER EXISTING MAST ARM MOUNTED SIGN.
B. UNCOVER EXISTING MAST ARM MOUNTED SIGNAL HEAD.
C. ADJUST VIDEO DETECTION ZONE.
GEOMETRIC LEGEND
EXISTING
PROPOSED
UTILITY LEGEND
STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC
SCALE: 1" =20'
ULTIMATE
Released For Construction
JAN 06 2009
Intercounty Constructors
MD ICC Contract "A"
SEGMENT B1/B2
APPROVED FOR
CONSTRUCTION
SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
SHADY GROVE ROAD AT MD 200 AND
METRO ACCESS ROAD RAMPS
GAITHERSBURG, MARYLAND
TRAFFIC SIGNAL PLAN
INTERCOUNTY CONSTRUCTORS
TWO TART COURT • ROCKVILLE, MARYLAND 20850 • 301-354-8900
APPROVALS
ORIGINAL CAPABLE
TEAM LEADER, TRAFFIC ENGINEERING DIVISION
ASSISTANT TRAFFIC ENGINEERING DIVISION
CHIEF TRAFFIC ENGINEERING DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
REVISIONS
0 SDSRW-S200-40F
4 MODIFICATION DUE TO MD 200 ICC GEOMETRIC IMPROVEMENTS
SHA NO. A9318680
SHA 07/06
SCALE 1" = 20' DATE CONTRACT NO. M-248-509-372
DESIGNED BY GENE SIMMERS
DRAWN BY GENE SIMMERS
CHECKED BY
F.A.P. NO.
COUNTY MONTGOMERY
LOGMILE
T.I.M.S. NO. 3047X
TOD NO.
TS NO. 2234A
DRAWING pSG OF P003B
SHEET NO. OF
PLOTTED: THURSDAY, JULY 24, 2008 AT 12:00 PM
FILE: DAPW_WORKGROUP_XM\PT2\C003860\DMS24248\PSG-P0039_ICC-A.DGN
BY: C00386G0