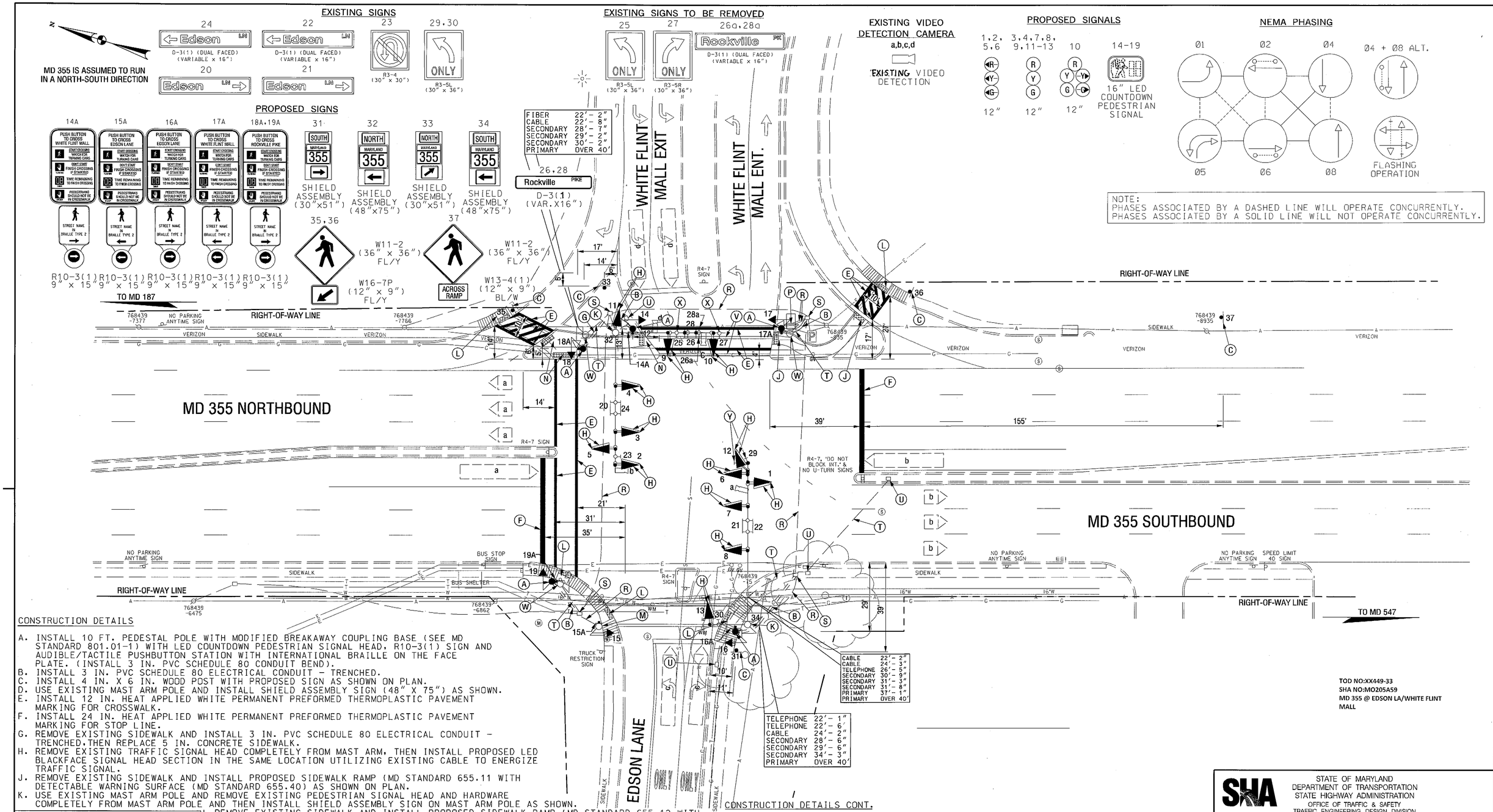

TOD NO:XX449-33
SHA NO:MO205A59
MD 355 @ EDSON LA/WHITE FLINT MALL

CONSTRUCTION DETAILS

A. INSTALL 10 FT. PEDESTAL POLE WITH MODIFIED BREAKAWAY COUPLING BASE (SEE MD STANDARD 801.01-1) WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN AND AUDIBLE/TACTILE PUSHBUTTON STATION WITH INTERNATIONAL BRAILLE ON THE FACE PLATE. (INSTALL 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
C. INSTALL 4 IN. X 6 IN. WOOD POST WITH PROPOSED SIGN AS SHOWN ON PLAN.
D. USE EXISTING MAST ARM POLE AND INSTALL SHIELD ASSEMBLY SIGN (48" X 75") AS SHOWN.
E. INSTALL 12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
F. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
G. REMOVE EXISTING SIDEWALK AND INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.THEN REPLACE 5 IN. CONCRETE SIDEWALK.
H. REMOVE EXISTING TRAFFIC SIGNAL HEAD COMPLETELY FROM MAST ARM, THEN INSTALL PROPOSED LED BLACKFACE SIGNAL HEAD SECTION IN THE SAME LOCATION UTILIZING EXISTING CABLE TO ENERGIZE TRAFFIC SIGNAL.
J. REMOVE EXISTING SIDEWALK AND INSTALL PROPOSED SIDEWALK RAMP (MD STANDARD 655.11 WITH DETECTABLE WARNING SURFACE (MD STANDARD 655.40) AS SHOWN ON PLAN.
K. USE EXISTING MAST ARM POLE AND REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND HARDWARE COMPLETELY FROM MAST ARM POLE AND THEN INSTALL SHIELD ASSEMBLY SIGN ON MAST ARM POLE AS SHOWN.
L. REMOVE EXISTING SIDEWALK AND INSTALL PROPOSED SIDEWALK RAMP (MD STANDARD 655.12 WITH DETECTABLE WARNING SURFACE (MD STANDARD 655.40) AS SHOWN ON PLAN.
M. USE EXISTING PEDESTAL POLE AND REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND MOUNTING HARDWARE. THEN INSTALL PROPOSED LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING HARDWARE WITH R10-3(1) SIGN AND AUDIBLE/TACTILE PUSHBUTTON STATION WITH INTERNATIONAL BRAILLE ON THE FACE PLATE AS SHOWN ON PLAN.
N. REMOVE EXISTING SIDEWALK AND INSTALL PROPOSED SIDEWALK RAMP (MD STANDARD 655.21 WITH DETECTABLE WARNING SURFACE (MD STANDARD 655.40) AS SHOWN ON PLAN.
P. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER AND INSTALL NEW SIGNAL CABLES INSIDE THE CABINET WITH LABLES AND TAGS AT CABLES ENDS AND TERMINATE.
R. USE EXISTING CONDUIT.
S. USE EXISTING HANDHOLE.
T. CAP AND ABANDON EXISTING CONDUIT.
U. REMOVE EXISTING HANDHOLE COVER AND FRAME 12 IN. BELOW GRADE AND BACKFILL.
V. REMOVE EXISTING PAVEMENT MARKING.
W. REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT, AND CONRETE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
X. REMOVE EXISTING SIGNS AND HARDWARE COMPLETELY FROM MAST ARM.

CONSTRUCTION DETAILS CONT.

Y. USE EXISTING SIGN ON MAST ARM AND ROTATE SIGN TO FACE LEFT TURNING LANES EXITING WHITE FLINT MALL.
Z. REMOVE EXISTING SIGN FROM MAST ARM COMPLETELY AND DISPOSE OF IT, THEN INSTALL NEW STREET NAME SIGN AS SHOWN ON PLAN.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
SAN — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
FO — FIBER-OPTIC

BY: Jwood

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WWW.SABRA-WANG.COM

APPROVALS	
TEAM LEADER, TRAFFIC ENGINEERING DIVISION	ORIGINAL ON FILE
ASST. CHIEF TRAFFIC ENGINEERING DIVISION	
CHIEF TRAFFIC ENGINEERING DIVISION	
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

REVISIONS

(B) SHA No. XX4495185, TIMS No. J173 03/ /2009
MODIFY EXISTING TRAFFIC SIGNAL WITH APS, CPS AND UPGRADE SIGNAL HEADS TO LED
SWA | M.P. | DD | DZ | DZ | DZ | DZ | DZ
A
REBUILD TRAFFIC SIGNAL
CONTRACT No. AT3565185 9/9/2004
SRB | NML | DD | DZ | | BRK

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

MD 355 (ROCKVILLE PIKE) AT EDSON LANE /ENTRANCE TO WHITE FLINT MALL

ROCKVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE _____ CONTRACT NO. AT3565185

DESIGNED BY _____ COUNTY MONTGOMERY
DRAWN BY _____ LOGMILE 15035505.68
CHECKED BY _____ T.I.M.S. NO. J173
F.A.P. NO. _____ TOD NO. _____

TS NO. 4364B | DRAWING 1 OF 2 | SHEET NO. OF

PLOTTED: Thursday, March 26, 2009 AT 01:42 PM
FILE: R:\2004\45 SHA BCS 2004-02B TEDD Traffic\Task 66 MD 355 at Edson Ln\White Flint Mall APS CPS LED Signal Heads\Dwg\Signal\psg-p001.dgn