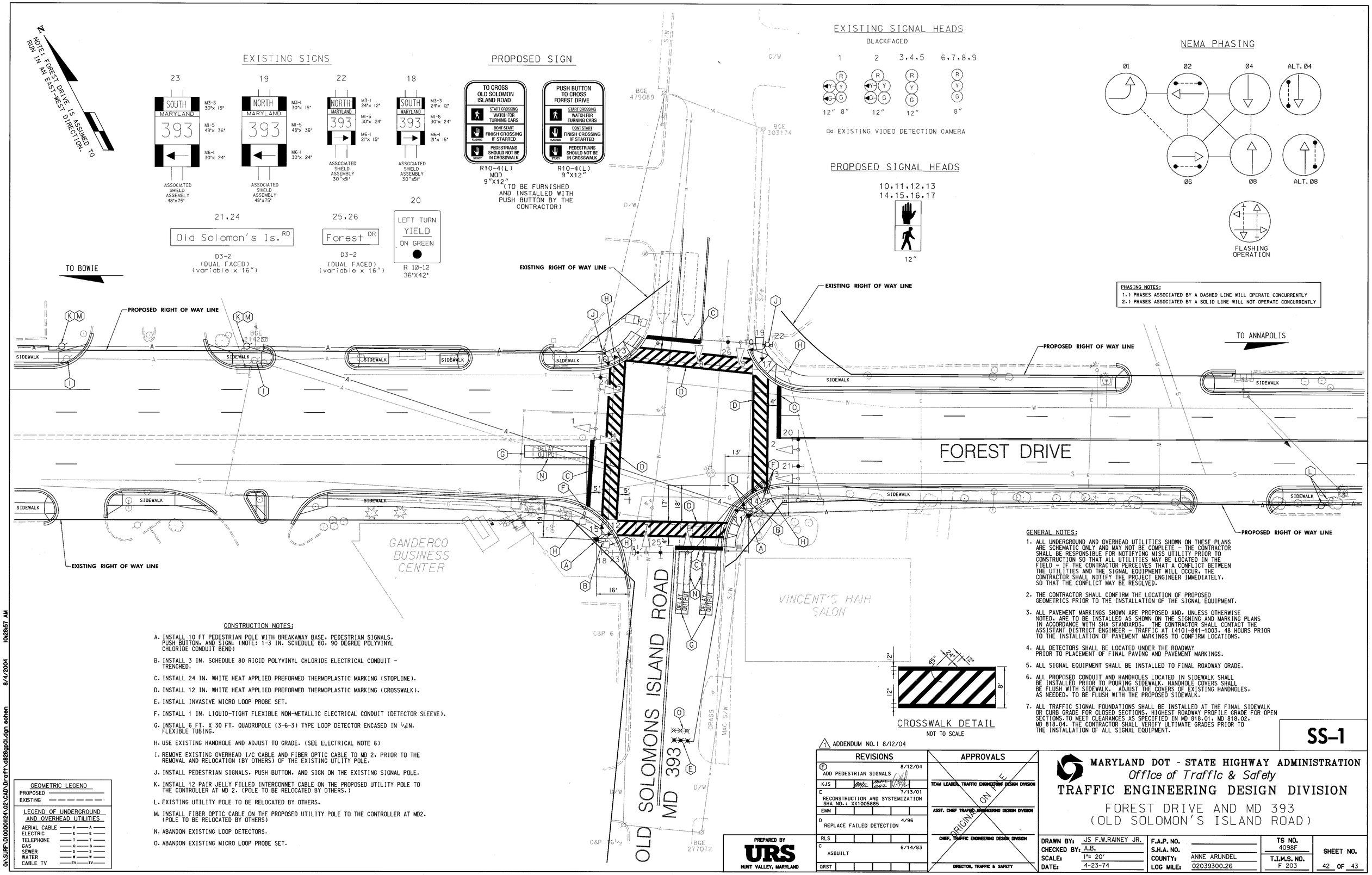
NOTE: FOREST DRIVE IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.
EXISTING SIGNS
23
SOUTH MARYLAND 393
M3-3 30"x 15"
M1-5 48"x 36"
M6-1 30"x 24"
ASSOCIATED SHIELD ASSEMBLY 48"x75"
19
NORTH MARYLAND 393
M3-1 30"x 15"
M1-5 48"x 36"
M6-1 30"x 24"
ASSOCIATED SHIELD ASSEMBLY 48"x75"
22
NORTH MARYLAND 393
M3-1 24"x 12"
M1-5 30"x 24"
M6-1 21"x 15"
ASSOCIATED SHIELD ASSEMBLY 30"x51"
18
SOUTH MARYLAND 393
M3-3 24"x 12"
M1-6 30"x 24"
M6-1 21"x 15"
ASSOCIATED SHIELD ASSEMBLY 30"x51"
21,24
Old Solomon's Is. RD
D3-2 (DUAL FACED) (variable x 16")
25,26
Forest DR
D3-2 (DUAL FACED) (variable x 16")
20
LEFT TURN YIELD ON GREEN
R 10-12 36"X42"
PROPOSED SIGN
TO CROSS OLD SOLOMON ISLAND ROAD
START CROSSING WATCH FOR TURNING CARS
DONT START FINISH CROSSING IF STARTED
PEDESTRIANS SHOULD NOT BE IN CROSSWALK
R10-4(L) MOD 9"X12"
(TO BE FURNISHED AND INSTALLED WITH PUSH BUTTON BY THE CONTRACTOR)
PUSH BUTTON TO CROSS FOREST DRIVE
START CROSSING WATCH FOR TURNING CARS
DONT START FINISH CROSSING IF STARTED
PEDESTRIANS SHOULD NOT BE IN CROSSWALK
R10-4(L) 9"X12"
EXISTING SIGNAL HEADS
BLACKFACED
1 2 3,4,5 6,7,8,9
12" 8" 12" 12" 8"
EXISTING VIDEO DETECTION CAMERA
PROPOSED SIGNAL HEADS
10,11,12,13 14,15,16,17
12"
NEMA PHASING
Ø1 Ø2 Ø4 ALT. Ø4
Ø6 Ø8 ALT. Ø8
FLASHING OPERATION
PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
TO BOWIE
TO ANNAPOLIS
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
SIDEWALK
FOREST DRIVE
GANDERCO BUSINESS CENTER
VINCENT'S HAIR SALON
OLD SOLOMONS ISLAND ROAD
MD 393
DELAY OUTPUT
BGE 214253
BGE 479089
BGE 303174
BGE 277072
CROSSWALK DETAIL
NOT TO SCALE
GEOMETRIC LEGEND
PROPOSED
EXISTING
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV
CONSTRUCTION NOTES:
A. INSTALL 10 FT PEDESTRIAN POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNALS, PUSH BUTTON, AND SIGN. (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND)
B. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
C. INSTALL 24 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC MARKING (STOPLINE).
D. INSTALL 12 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC MARKING (CROSSWALK).
E. INSTALL INVASIVE MICRO LOOP PROBE SET.
F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR SLEEVE).
G. INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3) TYPE LOOP DETECTOR ENCASED IN 1/2 IN. FLEXIBLE TUBING.
H. USE EXISTING HANDHOLE AND ADJUST TO GRADE. (SEE ELECTRICAL NOTE 6)
I. REMOVE EXISTING OVERHEAD I/C CABLE AND FIBER OPTIC CABLE TO MD 2, PRIOR TO THE REMOVAL AND RELOCATION (BY OTHERS) OF THE EXISTING UTLITY POLE.
J. INSTALL PEDESTRIAN SIGNALS, PUSH BUTTON, AND SIGN ON THE EXISTING SIGNAL POLE.
K. INSTALL 12 PAIR JELLY FILLED INTERCONNET CABLE ON THE PROPOSED UTILITY POLE TO THE CONTROLLER AT MD 2. (POLE TO BE RELOCATED BY OTHERS.)
L. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
M. INSTALL FIBER OPTIC CABLE ON THE PROPOSED UTILITY POLE TO THE CONTROLLER AT MD2. (POLE TO BE RELOCATED BY OTHERS)
N. ABANDON EXISTING LOOP DETECTORS.
O. ABANDON EXISTING MICRO LOOP PROBE SET.
GENERAL NOTES:
1. 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 SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY, SO THAT THE CONFLICT MAY BE RESOLVED.
2. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
3. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND, UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED AS SHOWN ON THE SIGNING AND MARKING PLANS IN ACCORDANCE WITH SHA STANDARDS. THE CONTRACTOR SHALL CONTACT THE ASSISTANT DISTRICT ENGINEER - TRAFFIC AT (410)-841-1003, 48 HOURS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS TO CONFIRM LOCATIONS.
4. ALL DETECTORS SHALL BE LOCATED UNDER THE ROADWAY PRIOR TO PLACEMENT OF FINAL PAVING AND PAVEMENT MARKINGS.
5. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL ROADWAY GRADE.
6. ALL PROPOSED CONDUIT AND HANDHOLES LOCATED IN SIDEWALK SHALL BE INSTALLED PRIOR TO POURING SIDEWALK. HANDHOLE COVERS SHALL BE FLUSH WITH SIDEWALK. ADJUST THE COVERS OF EXISTING HANDHOLES, AS NEEDED, TO BE FLUSH WITH THE PROPOSED SIDEWALK.
7. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
SS-1
1 ADDENDUM NO. 1 8/12/04
REVISIONS
E 8/12/04 ADD PEDESTRIAN SIGNALS
E 7/13/01 RECONSTRUCTION AND SYSTEMIZATION SHA NO.: XX1005885
D 4/96 REPLACE FAILED DETECTION
C 6/14/83 ASBUILT
APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE
PREPARED BY URS HUNT VALLEY, MARYLAND
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
FOREST DRIVE AND MD 393 (OLD SOLOMON'S ISLAND ROAD)
DRAWN BY: JS F.W.RAINEY JR.
CHECKED BY: A.B.
SCALE: 1"= 20'
DATE: 4-23-74
F.A.P. NO.
S.H.A. NO.
COUNTY: ANNE ARUNDEL
LOG MILE: 02039300.26
TS NO. 4098F
T.I.M.S. NO. F 203
SHEET NO. 42 OF 43
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