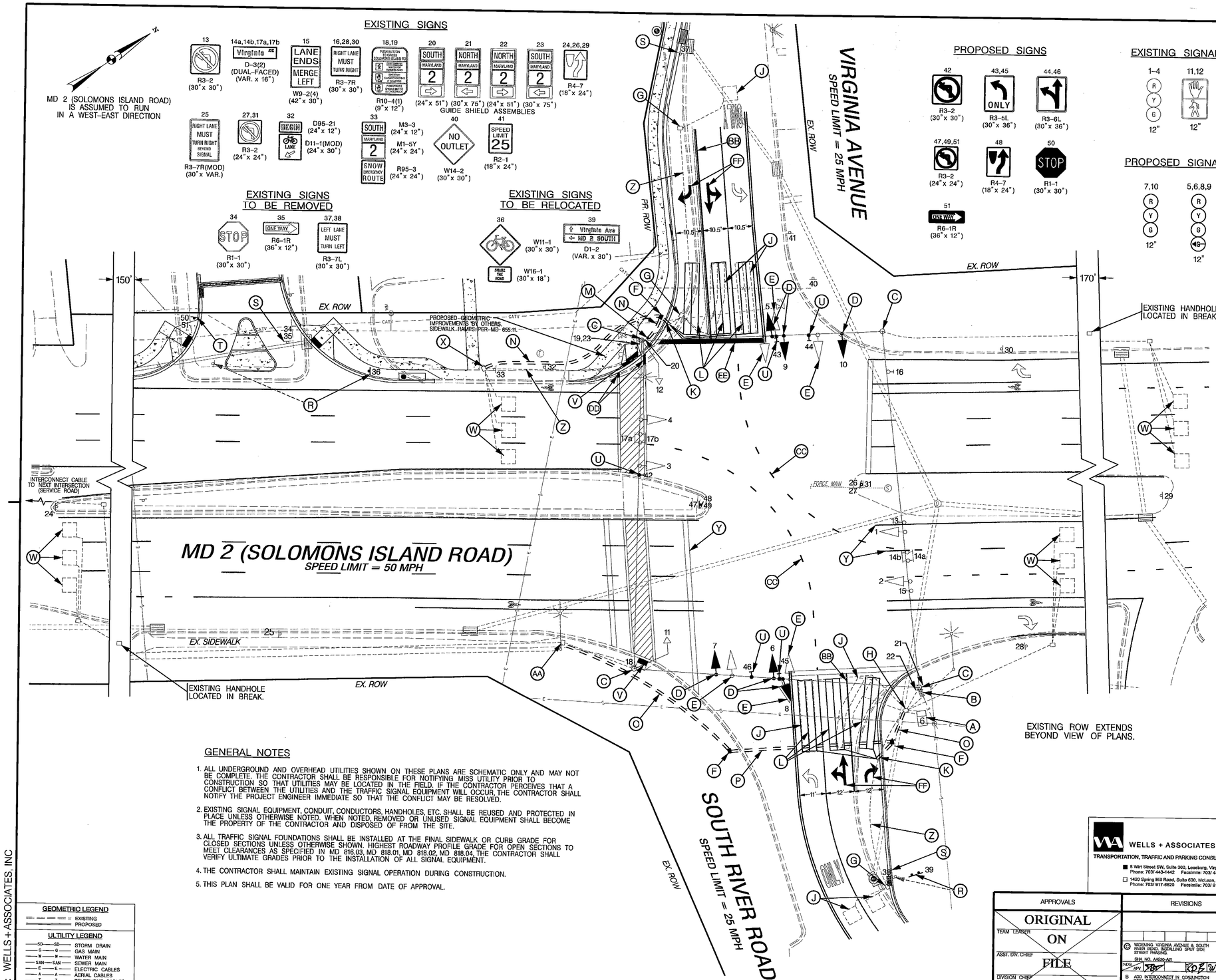

PROPOSED SIGNS

EXISTING SIGNALS

PROPOSED SIGNALS

EXISTING NEMA PHASING

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

PROPOSED 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. USE EXISTING BASE MOUNTED CABINET.
B. USE EXISTING CONTROL AND DISTRIBUTION EQUIPMENT FOR TYPE "B" OVERHEAD SERVICE.
C. USE EXISTING STEEL STRAIN POLE.
D. USE EXISTING STEEL SPAN WIRE. INSTALL PROPOSED TRAFFIC SIGNAL HEAD(S) AS SHOWN.
E. REMOVE EXISTING TRAFFIC SIGNAL HEADS.
F. INSTALL ELECTRICAL HANDHOLE.
G. REMOVE EXISTING ELECTRICAL HANDHOLE.
H. USE EXISTING ELECTRICAL HANDHOLE.
J. ABANDON EXISTING LOOP DETECTOR.
K. INSTALL 1" RIGID GALVANIZED CONDUIT FOR LOOP DETECTOR LEAD-IN.
L. INSTALL 6'x 30' LOOP DETECTOR QUADRUPLE TYPE (3-6-3 WINDING).
M. INTERCEPT EXISTING CONDUIT AND JOIN WITH NEW 2" CONDUIT (N) BY SOLVENT WELDING PROCESS.
N. INSTALL 2"SCHEDULE 80 PVC CONDUIT (TRENCHED).
O. INSTALL 3"SCHEDULE 80 PVC CONDUIT (TRENCHED).
P. INSTALL 4"SCHEDULE 80 PVC CONDUIT (BORED).
R. RELOCATE EXISTING GROUND MOUNTED SIGN AND INSTALL ON 4"x 4" WOODEN POST(S).
S. REMOVE EXISTING GROUND MOUNTED SIGN.
T. INSTALL GROUND MOUNTED SIGN ON 4"x 4" WOODEN POST.
U. INSTALL SPAN WIRE MOUNTED SIGN.
V. INSTALL DETECTABLE WARNING SURFACE TO RAMP IN ACCORDANCE WITH MD STD #655.40.
W. MAINTAIN EXISTING LOOP DETECTOR.
X. USE EXISTING ELECTRICAL HANDHOLE. RE-SPLICE EXISTING LOOPS.
Y. REMOVE CONFLICTING PAVEMENT MARKINGS
Z. CAP AND ABANDON EXISTING CONDUIT.
AA. DISCONNECT EX. LOOP WIRES AND INTERCONNECT CABLE. PULL TO THIS BOX AND REWIRE THROUGH NEW BORE.
BB. INSTALL 5" WHITE REFLECTIVE HEAT-APPLIED THERMOPLASTIC PAVEMENT MARKING.
CC. INSTALL 5" WHITE DASHED REFLECTIVE HEAT-APPLIED THERMOPLASTIC PAVEMENT MARKING. (3 STRIPE, 9 SKIP)
DD. INSTALL 12" WHITE REFLECTIVE HEAT-APPLIED THERMOPLASTIC PAVEMENT MARKING. (CROSSWALK).
EE. INSTALL 24" WHITE REFLECTIVE HEAT-APPLIED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
FF. INSTALL WHITE REFLECTIVE HEAT-APPLIED THERMOPLASTIC PAVEMENT MARKING (ARROW).

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 UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATE SO THAT THE CONFLICT MAY BE RESOLVED.
2. EXISTING SIGNAL EQUIPMENT, CONDUIT, CONDUCTORS, HANDHOLES, ETC. SHALL BE REUSED AND PROTECTED IN PLACE UNLESS OTHERWISE NOTED. WHEN NOTED, REMOVED OR UNUSED SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF FROM THE SITE.
3. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS UNLESS OTHERWISE SHOWN. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
4. THE CONTRACTOR SHALL MAINTAIN EXISTING SIGNAL OPERATION DURING CONSTRUCTION.
5. THIS PLAN SHALL BE VALID FOR ONE YEAR FROM DATE OF APPROVAL.

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
F — FIBER-OPTIC

BY: WELLS+ASSOCIATES, INC

WELLS + ASSOCIATES, INC
TRANSPORTATION, TRAFFIC AND PARKING CONSULTANTS
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APPROVALS
ORIGINAL ON FILE
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

C	MODIFIED VIRGINIA AVENUE & SOUTH RIVER BENCH WALL/FALLING SPLIT SEQ. STREET PARKING. SHA NO. AN030-A21	14 JAN 09
B	ADD INTERCONNECT IN CONJUNCTION WITH ROADWAY WIDENING PROJECT SHA NO. AN030-A21	SEPT 99

PLOTTED:
FILE: L:\Projects\4001 – 4500\4219 – MD 2 @ Virginia Ave TSM\Design\Solomons Island Rd_Virginia Ave TSM.dgn

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

MD 2 (SOLOMONS ISLAND ROAD) AT VIRGINIA AVENUE /SOUTH RIVER ROAD

ANNE ARUNDEL COUNTY, MARYLAND

TRAFFIC SIGNAL MODIFICATION PLAN

SCALE 1" = 20' DATE 11-23-1981 CONTRACT NO.

DESIGNED BY H. KILIAN
DRAWN BY H. KILIAN
CHECKED BY
F.A.P. NO.
COUNTY ANNE ARUNDEL
LOGMILE 02000217.82
T.I.M.S. NO. J078
TOD NO.

DRAWING NO. TS-1835-C
SHEET NO. 1 OF 2