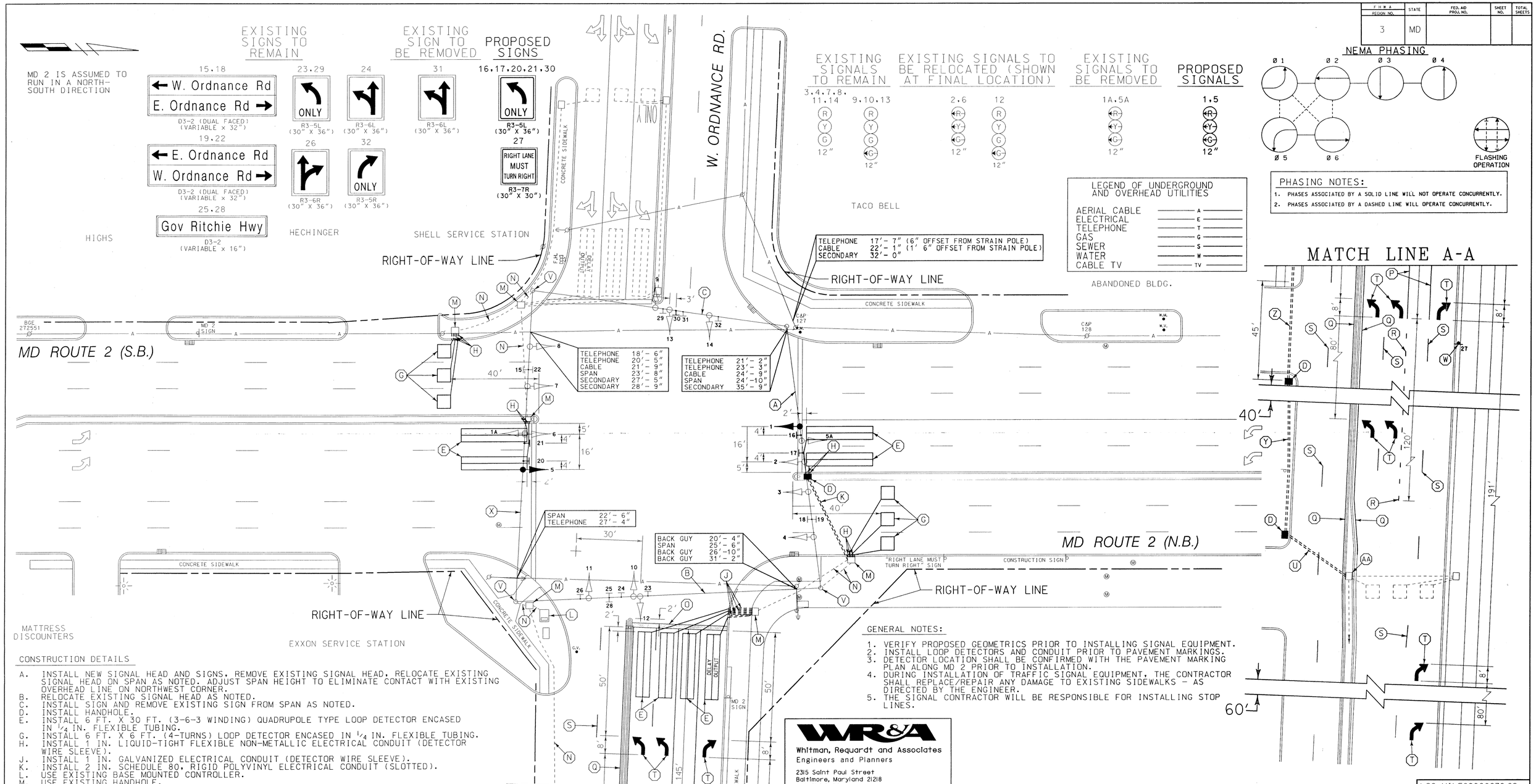
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



GENERAL NOTES:

1. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO PAVEMENT MARKINGS.
3. DETECTOR LOCATION SHALL BE CONFIRMED WITH THE PAVEMENT MARKING PLAN ALONG MD 2 PRIOR TO INSTALLATION.
4. DURING INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT, THE CONTRACTOR SHALL REPLACE/REPAIR ANY DAMAGE TO EXISTING SIDEWALKS - AS DIRECTED BY THE ENGINEER.
5. THE SIGNAL CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING STOP LINES.

CONSTRUCTION DETAILS

A. INSTALL NEW SIGNAL HEAD AND SIGNS. REMOVE EXISTING SIGNAL HEAD. RELOCATE EXISTING SIGNAL HEAD ON SPAN AS NOTED. ADJUST SPAN HEIGHT TO ELIMINATE CONTACT WITH EXISTING OVERHEAD LINE ON NORTHWEST CORNER.
B. RELOCATE EXISTING SIGNAL HEAD AS NOTED.
C. INSTALL SIGN AND REMOVE EXISTING SIGN FROM SPAN AS NOTED.
D. INSTALL HANDHOLE.
E. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
G. INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
J. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
K. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL ELECTRICAL CONDUIT (SLOTTED).
L. USE EXISTING BASE MOUNTED CONTROLLER.
M. USE EXISTING HANDHOLE.
N. USE EXISTING CONDUIT.
O. INSTALL 24 IN. SOLID WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
P. INSTALL 5 IN. SOLID WHITE REFLECTIVE THERMOPLASTIC.
Q. INSTALL 5 IN. SOLID YELLOW REFLECTIVE THERMOPLASTIC.
R. INSTALL 5 IN. SKIP WHITE (2 FT. LINE - 6 FT. GAP) REFLECTIVE THERMOPLASTIC.
S. INSTALL 5 IN. SKIP WHITE (10 FT. LINE - 30 FT. GAP) REFLECTIVE THERMOPLASTIC.
T. INSTALL PERMANENT PREFORMED PAVEMENT MARKING ARROW.
U. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL ELECTRICAL CONDUIT (SLOTTED).
V. USE EXISTING STEEL STRAIN POLE.
W. INSTALL R3-7R SIGN ONE 4 IN. X 4 IN. TREATED WOOD POST.
X. INSTALL NEW SIGNAL HEAD AND SIGNS, REMOVE EXISTING SIGNAL HEAD AND RELOCATE EXISTING SIGNAL HEAD ON SPAN AS NOTED.
Y. INSTALL 3 IN. SCHEDULE 40, RIGID POLYVINYL ELECTRICAL CONDUIT (TRENCHED).
Z. INSTALL 3 IN. SCHEDULE 80 , RIGID POLYVINYL ELECTRICAL CONDUIT (BORED).
AA. USE EXISTING HANDHOLE. PULL BACK EXISTING 2-CONDUCTOR ELECTRICAL CABLES AND INTERCONNECT CABLE AND RE-FEED IN NEW CONDUIT TO CABINET.

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REVISIONS	APPROVALS	REVISIONS
(E) INSTALL DOUBLE LEFT TURNS ON MD 2 5/97	ASSISTANT DIVISION CHIEF	
NML	ASST. DISTRICT ENGINEER, TRAFFIC	
(D) INSTALL NEARSIDE 4-SECTION SIGNAL HEADS FOR MD 710 1/23/90	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
DJD	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD RTE 2 (GOV. RITCHIE HWY) AND MD 710 (ORDNANCE RD)

DATE: 11-24-86	DRAWN BY: H. REINHARDT	F.A.P. NO. US-9469(1)	PLAN SHEET NO.: TS-251E	SHEET NO. 1 OF 3
SCALE: 1" = 20'	DESIGNED BY: D. DODA	S.H.A. NO. AA-887-003-585		
APPROVED BY:	CHECKED BY: G. COOK	COUNTY ANNE ARUNDEL		

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