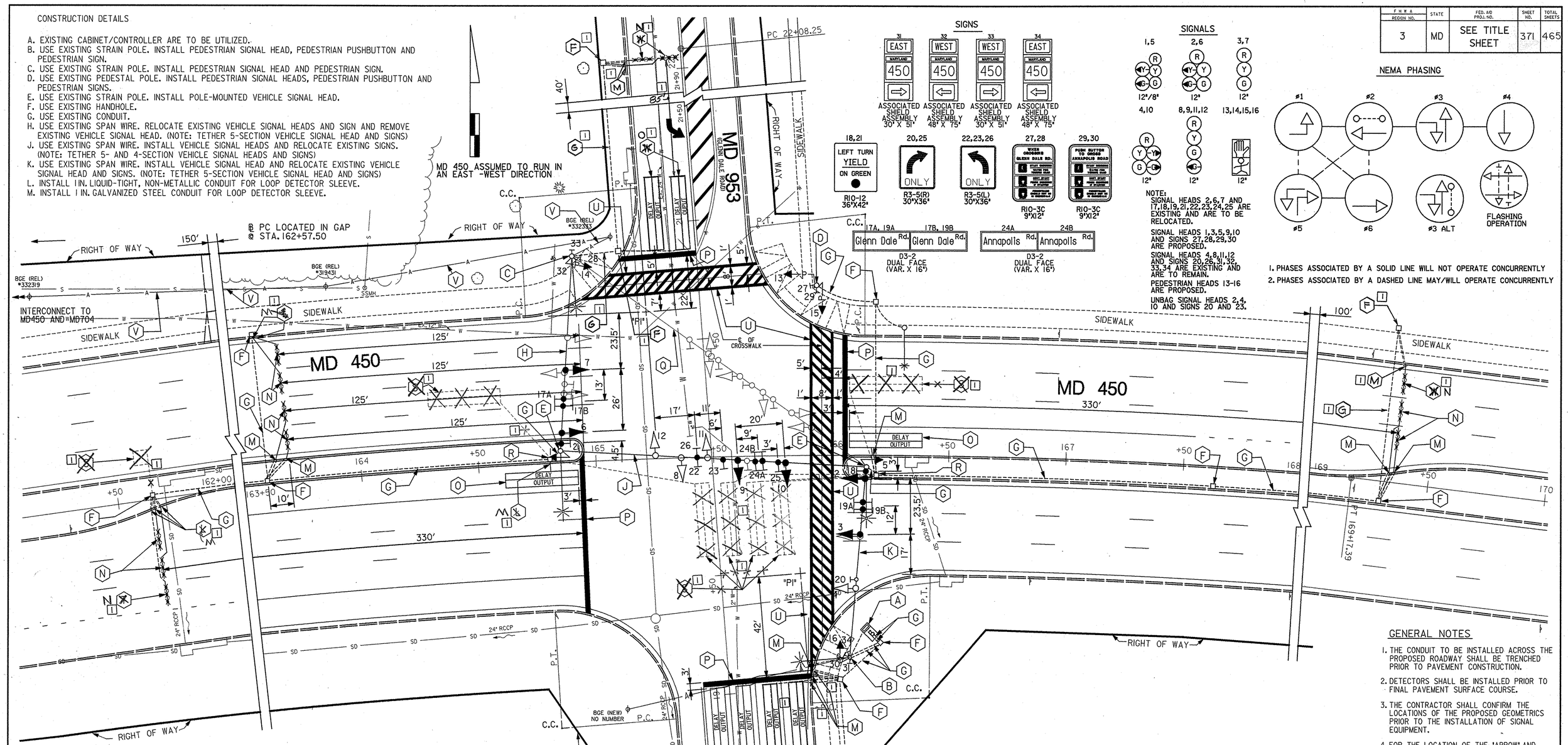
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	371	465

CONSTRUCTION DETAILS

A. EXISTING CABINET/CONTROLLER ARE TO BE UTILIZED.
B. USE EXISTING STRAIN POLE. INSTALL PEDESTRIAN SIGNAL HEAD, PEDESTRIAN PUSHBUTTON AND PEDESTRIAN SIGN.
C. USE EXISTING STRAIN POLE. INSTALL PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN SIGN.
D. USE EXISTING PEDESTAL POLE. INSTALL PEDESTRIAN SIGNAL HEADS, PEDESTRIAN PUSHBUTTON AND PEDESTRIAN SIGNS.
E. USE EXISTING STRAIN POLE. INSTALL POLE-MOUNTED VEHICLE SIGNAL HEAD.
F. USE EXISTING HANDHOLE.
G. USE EXISTING CONDUIT.
H. USE EXISTING SPAN WIRE. RELOCATE EXISTING VEHICLE SIGNAL HEADS AND SIGN AND REMOVE EXISTING VEHICLE SIGNAL HEAD. (NOTE: TETHER 5-SECTION VEHICLE SIGNAL HEAD AND SIGNS)
J. USE EXISTING SPAN WIRE. INSTALL VEHICLE SIGNAL HEADS AND RELOCATE EXISTING SIGNS. (NOTE: TETHER 5- AND 4-SECTION VEHICLE SIGNAL HEADS AND SIGNS)
K. USE EXISTING SPAN WIRE. INSTALL VEHICLE SIGNAL HEAD AND RELOCATE EXISTING VEHICLE SIGNAL HEAD AND SIGNS. (NOTE: TETHER 5-SECTION VEHICLE SIGNAL HEAD AND SIGNS)
L. INSTALL 1 IN. LIQUID-TIGHT, NON-METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE.
M. INSTALL 1 IN. GALVANIZED STEEL CONDUIT FOR LOOP DETECTOR SLEEVE.



SIGNS

SIGNALS

NOTE:
SIGNAL HEADS 2,6,7 AND 17,18,19,21,22,23,24,25 ARE EXISTING AND ARE TO BE RELOCATED.
SIGNAL HEADS 1,3,5,9,10 AND SIGNS 27,28,29,30 ARE PROPOSED.
SIGNAL HEADS 4,8,11,12 AND SIGNS 20,26,31,32, 33,34 ARE EXISTING AND ARE TO REMAIN.
PEDESTRIAN HEADS 13-16 ARE PROPOSED.
UNBAG SIGNAL HEADS 2,4, 10 AND SIGNS 20 AND 23.

NEMA PHASING

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY

N. INSTALL MICRO-LOOP PROBE TYPE VEHICLE DETECTOR.
O. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE VEHICLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
P. INSTALL 24 IN. PREFORMED WHITE PAVEMENT MARKING FOR STOP LINE.
Q. REMOVE EXISTING SPAN WIRE AND ALL ATTACHMENTS.
R. USE EXISTING HANDHOLE AND SPLICE NEW LOOP WIRE TO EXISTING 2-CONDUCTOR ALUMINUM SHIELDED CABLE.
[1] ~~S. ABANDON EXISTING VEHICLE DETECTOR.~~
[1] ~~T. RECONNECT EXISTING VEHICLE DETECTOR.~~
U. INSTALL 12 IN. PREFORMED WHITE PAVEMENT MARKING FOR CROSSWALK. (REFER TO CROSSWALK DETAIL ON DWG. SN-2.1)
V. OVERHEAD INTERCONNECT (REFER TO INTERCONNECT PLANS, DWGS. TS-43 TO TS-46 AND PLAN SHEET NOS. TS-2637A-XI-P, TS-2637A-X2-P, TS-2637A-X3-P AND TS-2637A-GI)
[1] ~~W. MAINTAIN EXISTING VEHICLE DETECTOR.~~

GENERAL NOTES

1. THE CONDUIT TO BE INSTALLED ACROSS THE PROPOSED ROADWAY SHALL BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION.
2. DETECTORS SHALL BE INSTALLED PRIOR TO FINAL PAVEMENT SURFACE COURSE.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATIONS OF THE PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
4. FOR THE LOCATION OF THE 'ARROW' AND 'ONLY' PAVEMENT MARKINGS AND SIGNS, SEE THE SIGNING AND MARKING PLAN SN-2.5.
5. ALL POLE AND CABINET FOUNDATIONS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLES	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
STORM DRAIN	SD
CABLE TV	TV

[1] RED LINE REV. NO. 1 7-14-97

REVISIONS

©	AUGUST 1996-WTB MODIFY EXISTING SIGNAL SHA NO. PG9005171
JDM	BRK
ⓑ	2/91 CHANGE SIGNALS TO POLYCARBONATE, ADJUST SPAN SHA NO. 855-2503.039
JT SR ETP TH	
Ⓐ	INTSTALL E/P LEFT TURN FOR NB MD 953
DBD SR DZ ETP TH	

APPROVALS

ASST. DIVISION CHIEF, TEDD
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

ULTIMATE SIGNAL

DWG. NO. TS-25

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 (ANNAPOLIS ROAD) AT MD 953 (GLENN DALE ROAD)

LOG MILE NO. 16.0450 7.9 DATE 9/-/90

DRAWN BY: D. DICKERSON (9-90)	F.A.P. NO. N/A	PLAN SHEET NO.:	SHEET NO.
CHECK BY: N/A	S.H.A. NO. N/A	TS-3083C-P	371 OF 465
SCALE: 1" = 20'	COUNTY PRINCE GEORGES		

FILE NO. SS40S450.DGN
09-11-96 FDB/JJS