

CONSTRUCTION DETAILS

F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	357	465

A. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, VEHICLE SIGNAL HEADS, SIGN POLE-MOUNTED CABINET/CONTROLLER WITH ALL NECESSARY EQUIPMENT, 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE, AND ALL NECESSARY EQUIPMENT FOR AN OVERHEAD ELECTRICAL SERVICE (NOTE: TWO 3 IN. 90-DEGREE (SCH. 40) PVC BENDS AND ONE 3 IN., AND ONE 2 IN. WEATHERHEADS.)

B. INSTALL 50 FT. CLASS II WOOD POLE WITH TWO BACK GUYS, 20 FT. LIGHTING ARM, WITH A 250 FT. HPS LAMP AND LUMINAIRE, 2 IN. PVC (SCH. 80) ELECTRICAL CONDUIT-RISER, AND 2 IN. WEATHERHEAD (NOTE: ONE 2 IN., 90-DEGREE (SCH. 40) PVC BEND AND ONE 2 IN. WEATHERHEAD.)

C. INSTALL 50 FT. CLASS II WOOD POLE WITH TWO BACK GUYS.

D. INSTALL 1 IN. GALVANIZED STEEL CONDUIT FOR LOOP DETECTOR LEAD IN.

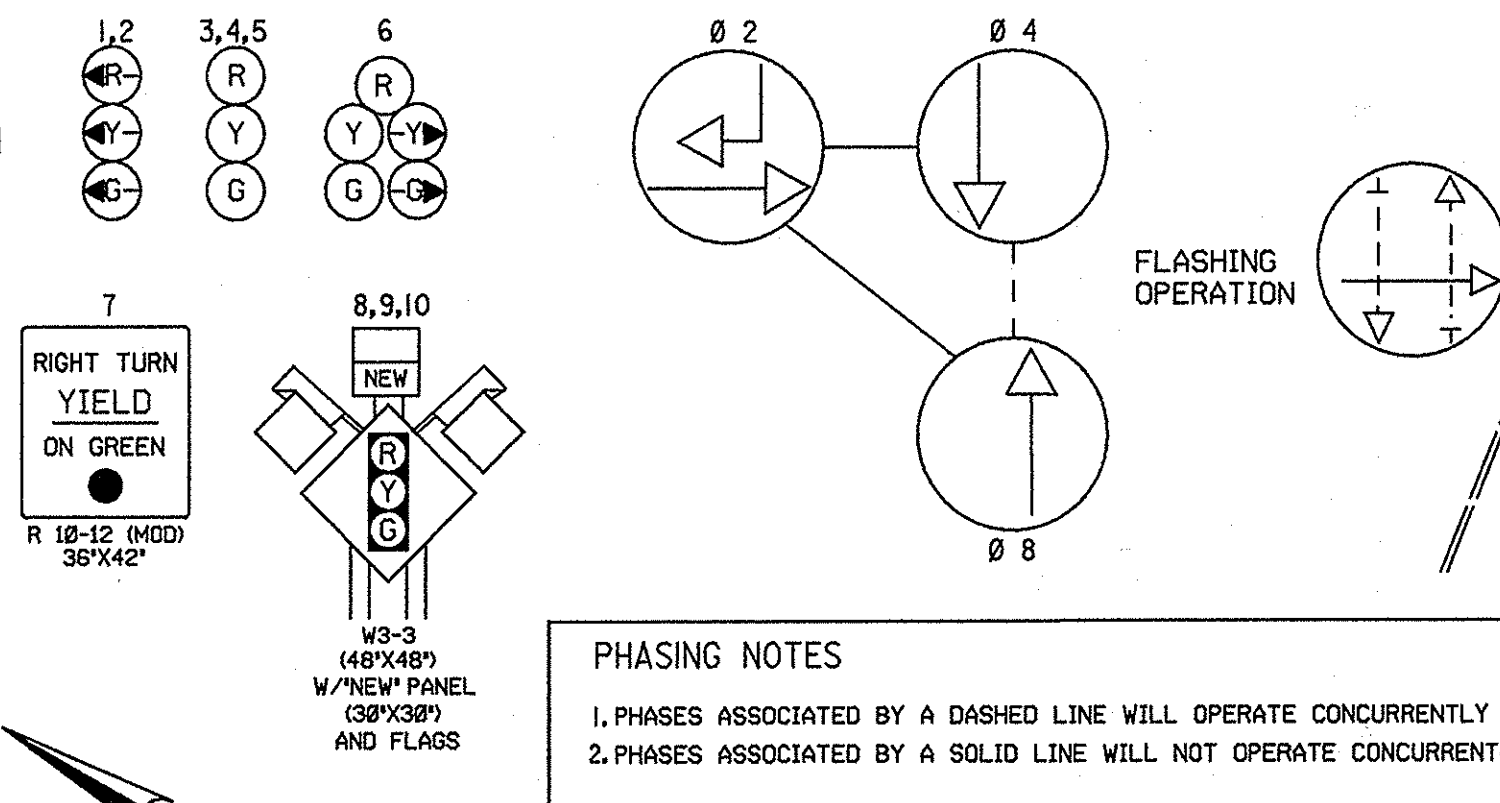
E. INSTALL 3/8 IN. STEEL SPAN WIRE.

F. INSTALL HANDHOLE.

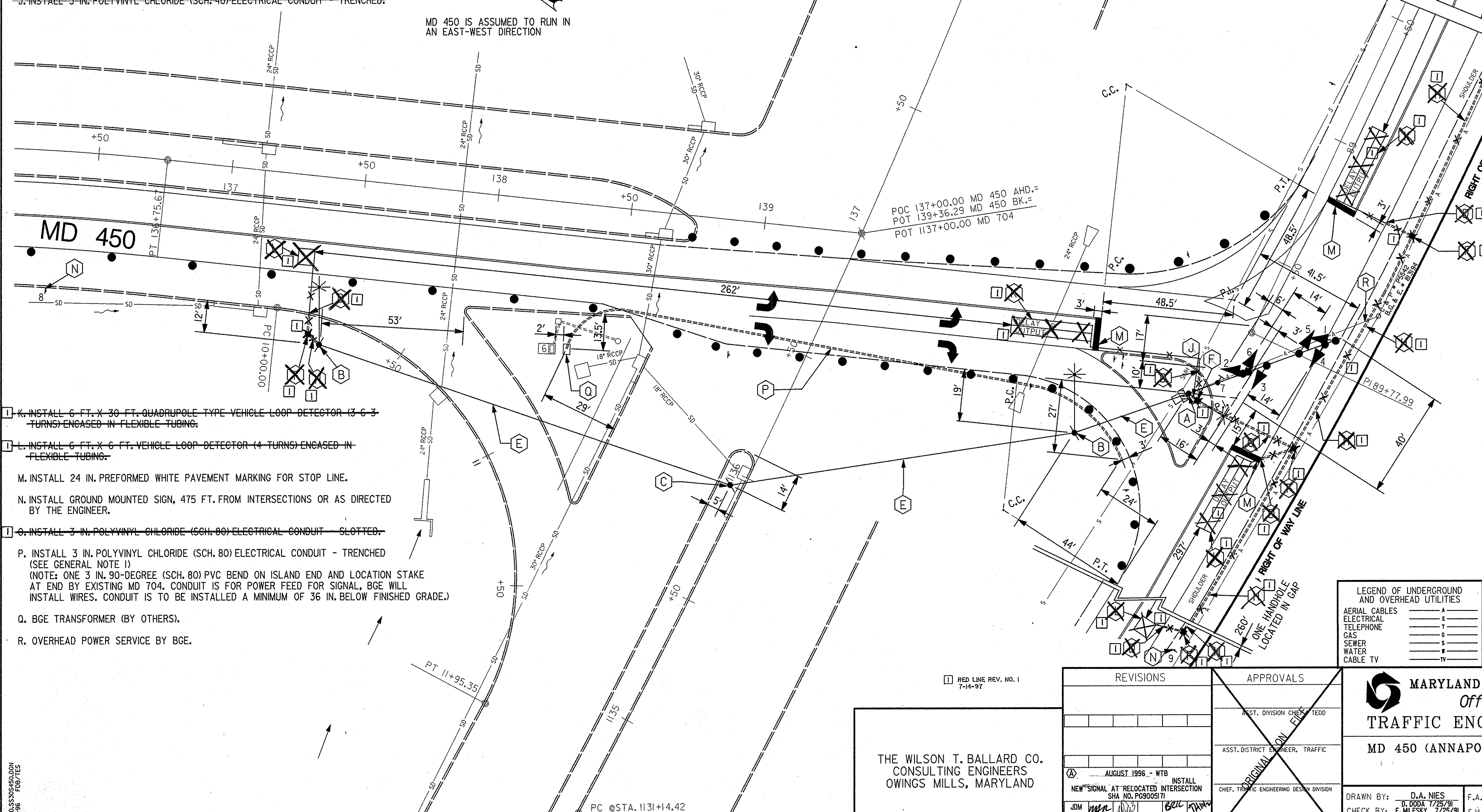
G. INSTALL 1 IN. LIQUID TIGHT, NON METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE.

H. INSTALL 2 IN. POLYVINYL CHLORIDE (SCH. 40) ELECTRICAL CONDUIT TRENCHED.

J. INSTALL 3 IN. POLYVINYL CHLORIDE (SCH. 40) ELECTRICAL CONDUIT TRENCHED.



MD 450 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



K. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE VEHICLE LOOP DETECTOR (3-6-3-TURNS) ENCASED IN FLEXIBLE TUBING.

L. INSTALL 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (4-TURNS) ENCASED IN FLEXIBLE TUBING.

M. INSTALL 24 IN. PREFORMED WHITE PAVEMENT MARKING FOR STOP LINE.

N. INSTALL GROUND MOUNTED SIGN, 475 FT. FROM INTERSECTIONS OR AS DIRECTED BY THE ENGINEER.

O. INSTALL 3 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT SLOTTED.

P. INSTALL 3 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED (SEE GENERAL NOTE I) (NOTE: ONE 3 IN. 90-DEGREE (SCH. 80) PVC BEND ON ISLAND END AND LOCATION STAKE AT END BY EXISTING MD 704. CONDUIT IS FOR POWER FEED FOR SIGNAL, BGE WILL INSTALL WIRES. CONDUIT IS TO BE INSTALLED A MINIMUM OF 36 IN. BELOW FINISHED GRADE.)

Q. BGE TRANSFORMER (BY OTHERS).

R. OVERHEAD POWER SERVICE BY BGE.

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 TRAFFIC CONTROL PLAN TCP-42.
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
CABLE TV	TV

TEMPORARY SIGNAL PHASE III STAGE 1 DWG. NO. TS-11

REVISIONS	APPROVALS
AUGUST 1996 - WTB INSTALL NEW SIGNAL AT RELOCATED INTERSECTION STA NO. P6900571 JDM [Signature]	ASST. DIVISION CHIEF, TEDD ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 MD 450 (ANNAPOLIS ROAD) AT MD 704 (MARTIN LUTHER KING JR. HWY)
 LOG MILE NO. 16045007.35 DATE 2/6/91

DRAWN BY: D.A. NIES	F.A.P. NO.	SEE TITLE SHEET	PLAN SHEET NO.:	SHEET NO.
CHECK BY: E. MLESKY	S.H.A. NO.	P-981-451-385	TS-3167A-X2-P	357 OF 465
SCALE: 1"=20'	COUNTY: PRINCE GEORGES			

THE WILSON T. BALLARD CO.
 CONSULTING ENGINEERS
 OWINGS MILLS, MARYLAND

FILE NO. SS30545040DN
 08-20-96 FDB/YES