F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	359	465

CONSTRUCTION DETAILS

PHASE III STAGES 2+3

A. INSTALL BASE-MOUNTED CABINET/CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: TWO 4 IN. 90-DEGREE (SCH. 40) PVC BENDS, ONE 2 IN. 90-DEGREE (SCH. 40) PVC BEND AND ONE 2 IN. 90-DEGREE (SCH. 80) PVC BEND)

B. INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE WITH 15 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, ONE 2 IN., 90 DEGREE (SCH. 80) PVC BEND AND ONE 3 IN. WEATHERHEAD) [USE FOUR 1-3/4 IN. X 90 IN. ANCHOR BOLTS].

C. INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE WITH 15 FT. LIGHTING ARM WITH A 250-WATT HPS LAMP AND LUMINAIRE. (NOTE: ONE 2 IN. 90-DEGREE (SCH. 40) PVC BEND AND ONE 3 IN. WEATHERHEAD) [USE FOUR 1-3/4 IN. X 90 IN. ANCHOR BOLTS]

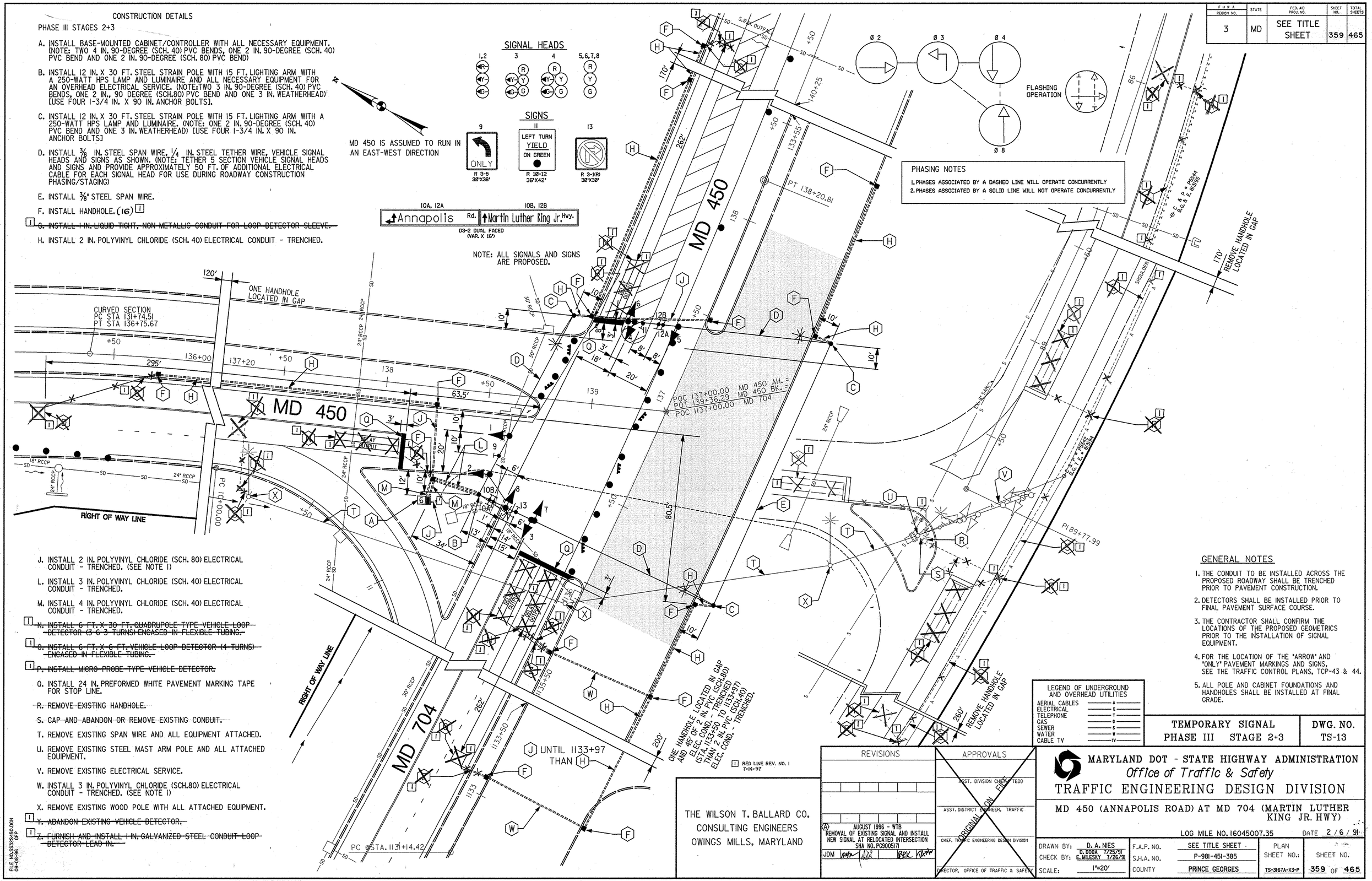
D. INSTALL 3/8 IN. STEEL SPAN WIRE, 1/4 IN. STEEL TETHER WIRE, VEHICLE SIGNAL HEADS AND SIGNS AS SHOWN. (NOTE: TETHER 5 SECTION VEHICLE SIGNAL HEADS AND SIGNS AND PROVIDE APPROXIMATELY 50 FT. OF ADDITIONAL ELECTRICAL CABLE FOR EACH SIGNAL HEAD FOR USE DURING ROADWAY CONSTRUCTION PHASING/STAGING)

E. INSTALL 3/8" STEEL SPAN WIRE.

F. INSTALL HANDHOLE. (16) [1]

[1] ~~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 2 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED. (SEE NOTE 1)

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

M. INSTALL 4 IN. POLYVINYL CHLORIDE (SCH. 40) ELECTRICAL CONDUIT - TRENCHED.

[1] ~~N. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE VEHICLE LOOP DETECTOR (3 6-3 TURNS) ENCASED IN FLEXIBLE TUBING.~~

[1] ~~O. INSTALL 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (4 TURNS) ENCASED IN FLEXIBLE TUBING.~~

[1] ~~P. INSTALL MICRO PROBE TYPE VEHICLE DETECTOR.~~

Q. INSTALL 24 IN. PREFORMED WHITE PAVEMENT MARKING TAPE FOR STOP LINE.

R. REMOVE EXISTING HANDHOLE.

S. CAP AND ABANDON OR REMOVE EXISTING CONDUIT.

T. REMOVE EXISTING SPAN WIRE AND ALL EQUIPMENT ATTACHED.

U. REMOVE EXISTING STEEL MAST ARM POLE AND ALL ATTACHED EQUIPMENT.

V. REMOVE EXISTING ELECTRICAL SERVICE.

W. INSTALL 3 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED. (SEE NOTE 1)

X. REMOVE EXISTING WOOD POLE WITH ALL ATTACHED EQUIPMENT.

[1] ~~Y. ABANDON EXISTING VEHICLE DETECTOR.~~

[1] ~~Z. FURNISH AND INSTALL 1 IN. GALVANIZED STEEL CONDUIT LOOP DETECTOR LEAD IN.~~

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 PLANS, TCP-43 & 44.
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 2+3

DWG. NO. TS-13

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

REVISIONS

A. AUGUST 1996 - WTB
REMOVAL OF EXISTING SIGNAL AND INSTALL NEW SIGNAL AT RELOCATED INTERSECTION
SHA NO. PG9005171
JDM BBK

APPROVALS

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

ORIGINAL ON FILE

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: D. DODA 7/25/91 E. MILESKY 7/26/91	S.H.A. NO. P-981-451-385	TS-3167A-X3-P	359 OF 465
SCALE: 1"=20'	COUNTY PRINCE GEORGES		

FILE NO.SS3S450.DGN
09-08-96
GFP