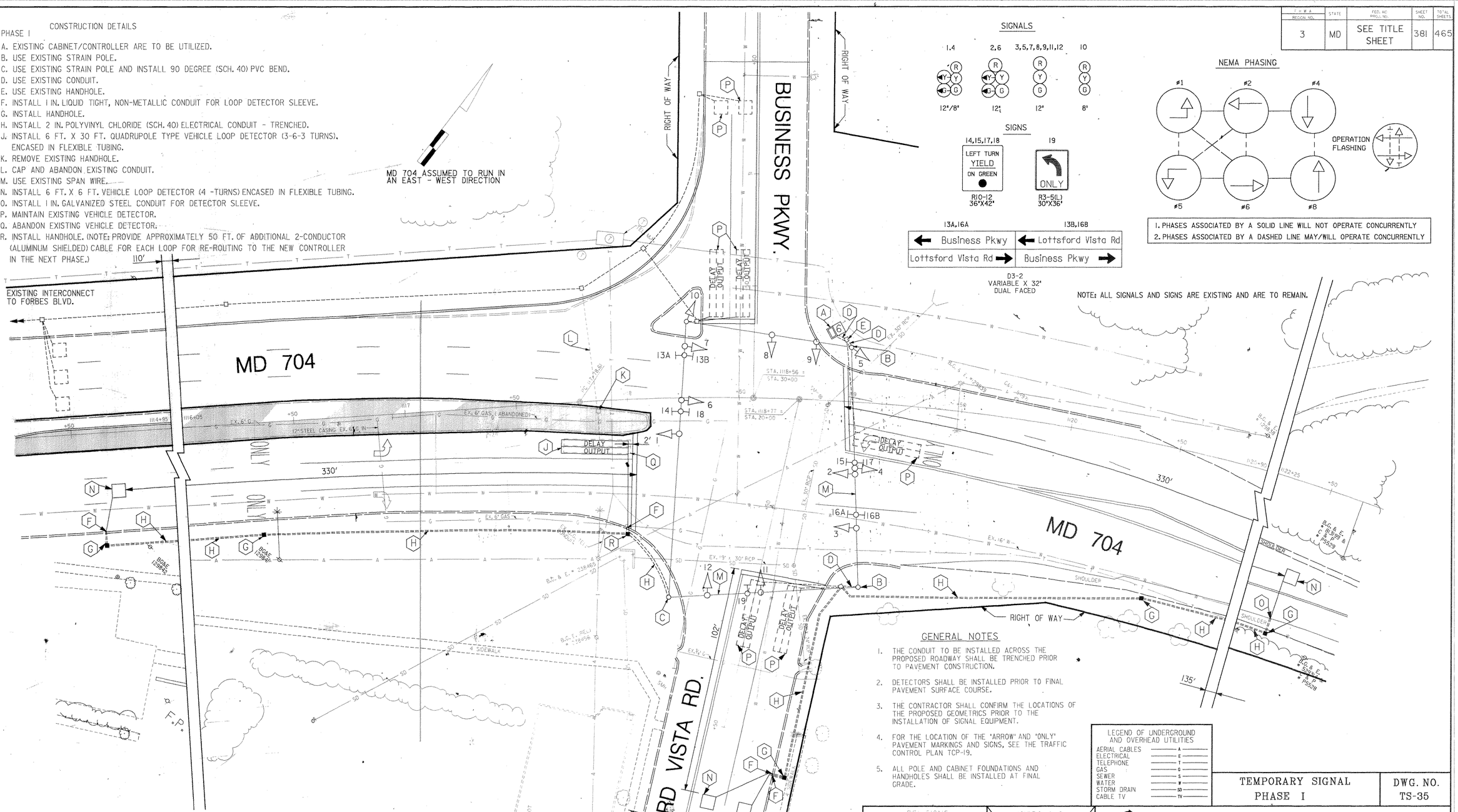
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	381	465

CONSTRUCTION DETAILS

PHASE I

A. EXISTING CABINET/CONTROLLER ARE TO BE UTILIZED.
B. USE EXISTING STRAIN POLE.
C. USE EXISTING STRAIN POLE AND INSTALL 90 DEGREE (SCH. 40) PVC BEND.
D. USE EXISTING CONDUIT.
E. USE EXISTING HANDHOLE.
F. INSTALL 1 IN. LIQUID TIGHT, NON-METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE.
G. INSTALL HANDHOLE.
H. INSTALL 2 IN. POLYVINYL CHLORIDE (SCH. 40) ELECTRICAL CONDUIT - TRENCHED.
J. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE VEHICLE LOOP DETECTOR (3-6-3 TURNS). ENCASED IN FLEXIBLE TUBING.
K. REMOVE EXISTING HANDHOLE.
L. CAP AND ABANDON EXISTING CONDUIT.
M. USE EXISTING SPAN WIRE.
N. INSTALL 6 FT. X 6 FT. VEHICLE LOOP DETECTOR (4 -TURNS) ENCASED IN FLEXIBLE TUBING.
O. INSTALL 1 IN. GALVANIZED STEEL CONDUIT FOR DETECTOR SLEEVE.
P. MAINTAIN EXISTING VEHICLE DETECTOR.
Q. ABANDON EXISTING VEHICLE DETECTOR.
R. INSTALL HANDHOLE. (NOTE: PROVIDE APPROXIMATELY 50 FT. OF ADDITIONAL 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE FOR EACH LOOP FOR RE-ROUTING TO THE NEW CONTROLLER IN THE NEXT PHASE.)



SIGNALS

SIGNS

13A,16A	13B,16B
← Business Pkwy	← Lottsford Vista Rd
Lottsford Vista Rd →	Business Pkwy →

D3-2
VARIABLE X 32"
DUAL FACED

NEMA PHASING

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

NOTE: ALL SIGNALS AND SIGNS ARE EXISTING AND ARE TO REMAIN.

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-19.
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

TEMPORARY SIGNAL PHASE I

DWG. NO. TS-35

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

REVISIONS

Ⓐ AUGUST 1996-WTB MODEY EXISTING SIGNAL SHA NO. PG9005171

JDM

APPROVALS

ORIGINAL ON FILE

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 704 (MARTIN LUTHER KING JR. HWY.) AND LOTTSFORD VISTA RD./BUSINESS PKWY.

LOG MILE NO. 16070406.25 01/22/90

DRAWN BY: W.J. NIES (FOR STS)	FEDERAL: N/A	PLAN SHEET NO.:	SHEET NO.
CHECKED BY: R.R. ZACHERL (FOR STS)	STATE: BW-311-802-312		
SCALE: 1" = 20'	COUNTY: PRINCE GEORGES	TS-2637A-XI-P	381 OF 465

FILE NO. SS-435-450.DGN
09-09-96 FDB/AJS