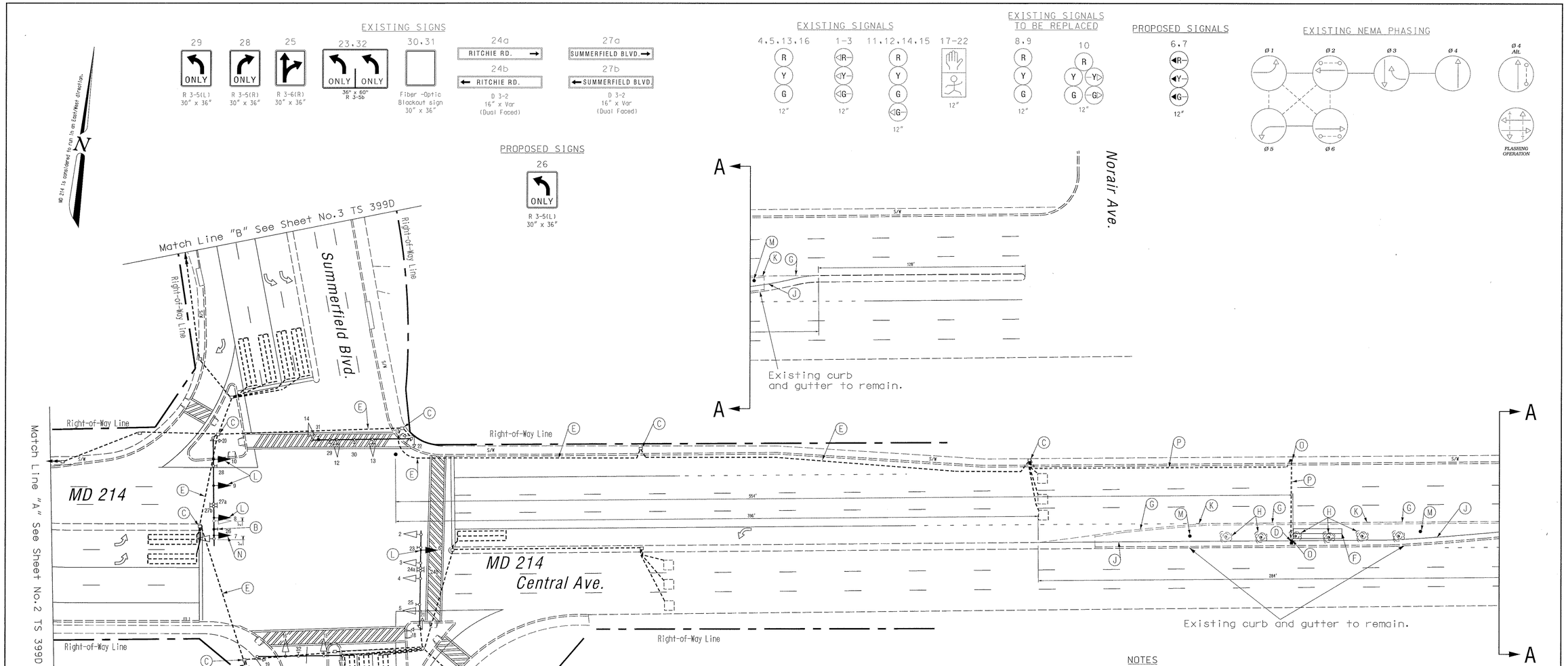

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed in accordance with MD-SHA standards. All other pavement markings will either be installed or are to be considered as existing.
4. Revision ' F ' is a revision to the traffic signal built in November 1981.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

CONSTRUCTION DETAILS

A. Use existing base mounted NEMA 6 cabinet/controller, and all attached equipment. MD-SHA Signal Shop to replace existing loop detector amplifers with new rack mounted detectors.
B. Replace existing sign as shown.
C. Use existing handhole.
D. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
E. Use existing conduit.
F. Install 6 ft. x 30 ft. quadupole type vehicle loop detector (3-6-3 turns).
G. Remove existing curb and gutter.
H. Remove existing trees.
J. Install new 4 ft. monolithic median.
K. Install 5 in. wide broken white pavement (3 ft. segments - 9 ft. gap).
L. Replace existing vehicle signal head as shown.
M. Remove existing grass median and install new asphalt roadway.
N. Install vehicle signal head as shown.
O. Install handhole.
P. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored (contingent slotted).

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
D — STORM DRAIN
A — AERIAL CABLES
T — TELEPHONE CABLES

Revision " F"

The Traffic Group
The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS	APPROVALS
(F) October 10, 2000 Modify WB MD 214 geometrics & add loop. S.H.A. No.:XX1005385 FJH	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 214 at Summerfield Blvd/Ritchie Road

DRAWN BY:	T.D. Roberge	F.A.P. NO.	N/A	TS NO. 399F	SHEET NO.
CHECKED BY:	D. Wallace	S.H.A. NO.	P650804541B04		
SCALE:	1" = 30'	COUNTY:	Prince George's	T.I.M.S. NO. D934	1 OF 2
DATE:	November 1981	LOG MILE:	16021402.76		

f:\1997\97027\050\dgn\signpln.dgn 10 OCT 2000