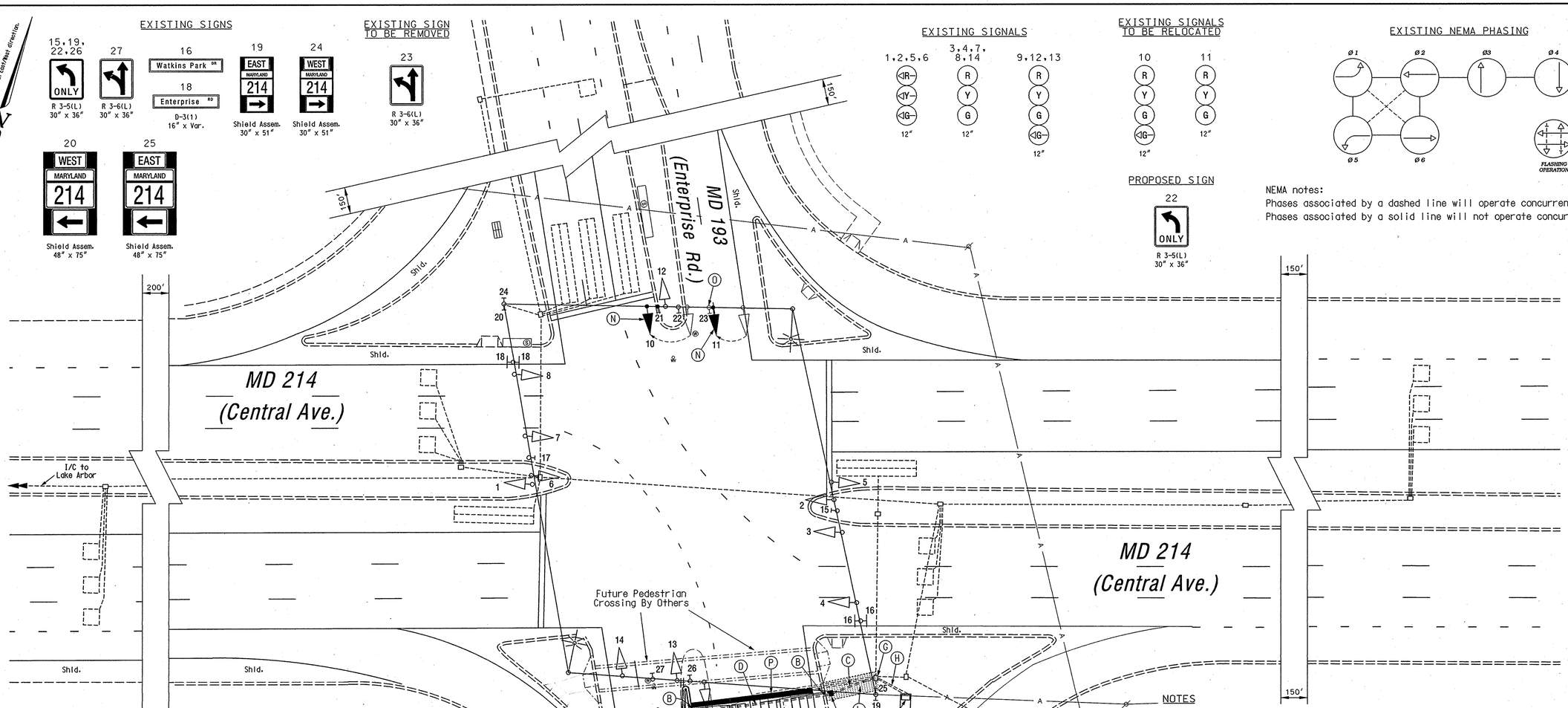

CONSTRUCTION DETAILS

A. Install handhole.
B. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
C. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
D. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
E. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
F. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
G. Use existing handhole.
H. Use existing conduit.
J. Use existing cabinet/controller.
K. Use existing handhole, disconnect existing loop detector wire and splice new loop wire to existing aluminum shielded cable.
L. Remove/Replace concrete in island.
M. Abandon existing loop detector.
N. Relocate existing signal heads as shown.
O. Remove existing R 3-6(L) sign.
P. Install 24 in. wide pavement marking - white for stop line.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
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 by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'G' is a revision to the traffic signal built in (Month, Year) under S.H.A. Contract number -
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.

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

REVISIONS	
G	Install new loop due to geometric change, second thru lane March 7, 2006 S.H.A. No.:BW996M82
FDB	
F	Asbuilt, and add interconnect, sampling and master controller 8/30/01 S.H.A. No.:XX1085185
EMM	
E	Change E/P phasing to exclusive phasing TIMS # D872 5/2000
JAH	
D	Relocate signal heads and install new loop for road widening

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

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

MD 214 (Central Ave.) at MD 193

DRAWN BY:	Dave Andrews	F.A.P. NO.	PG401A51/B51	TS NO. 1297G	SHEET NO.
CHECKED BY:	Steve Renzi	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	Prince George's	T.I.M.S. NO. E448	1 OF 2
DATE:	7/1986	LOG MILE:	16019317.31		

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