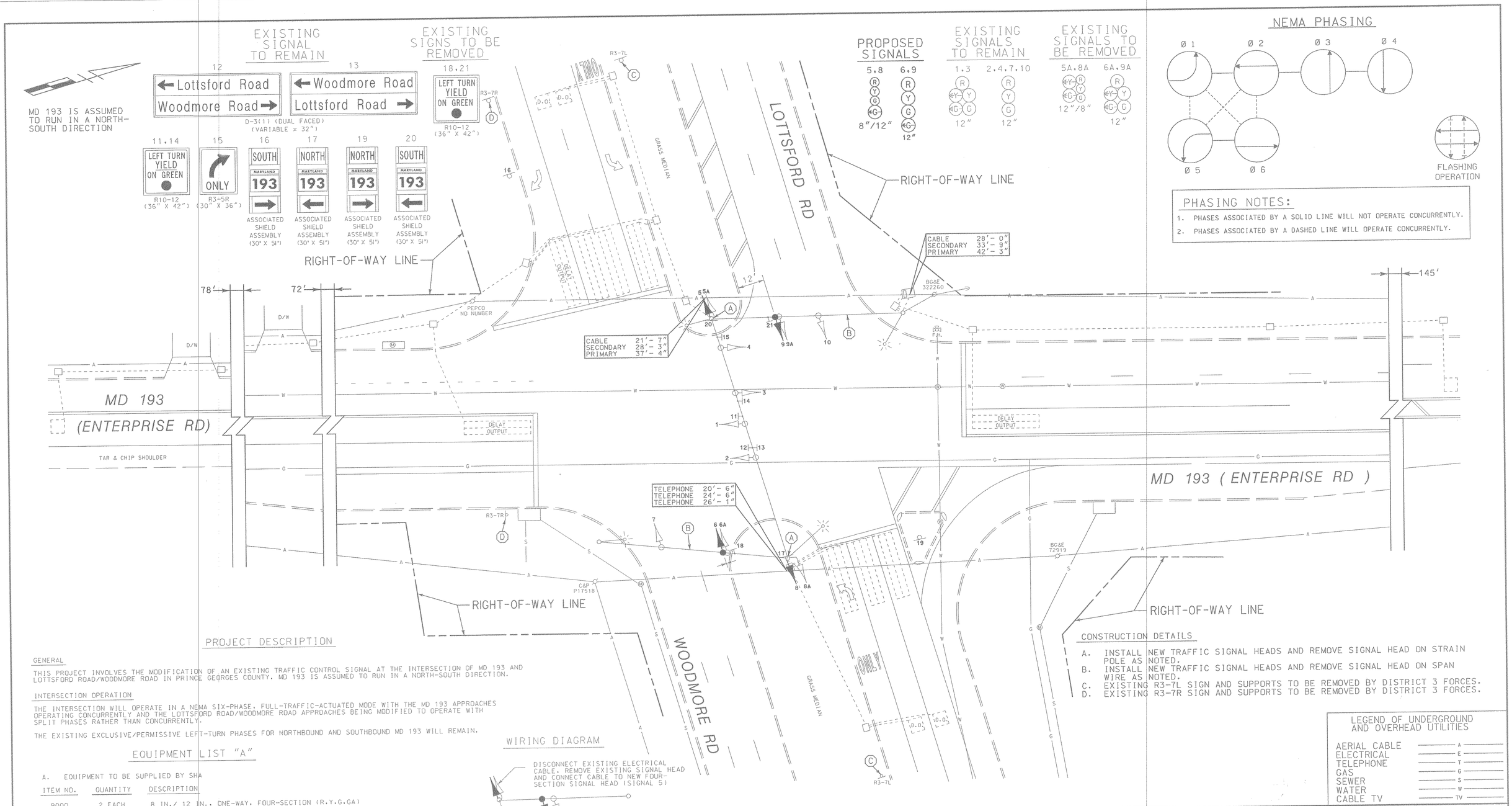

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 193 AND LOTTSFORD ROAD/WOODMORE ROAD IN PRINCE GEORGES COUNTY. MD 193 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH THE MD 193 APPROACHES OPERATING CONCURRENTLY AND THE LOTTSFORD ROAD/WOODMORE ROAD APPROACHES BEING MODIFIED TO OPERATE WITH SPLIT PHASES RATHER THAN CONCURRENTLY.

THE EXISTING EXCLUSIVE/PERMISSIVE LEFT-TURN PHASES FOR NORTHBOUND AND SOUTHBOUND MD 193 WILL REMAIN.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY SHA

ITEM NO.	QUANTITY	DESCRIPTION
9000	2 EACH	8 IN./ 12 IN., ONE-WAY, FOUR-SECTION (R,Y,G,GA) TRAFFIC SIGNAL HEAD - SIDE OF POLE MOUNT.
9015	2 EACH	12 IN., ONE-WAY, FOUR-SECTION (R,Y,G,GA) TRAFFIC SIGNAL HEAD - SPAN MOUNT.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY SHA SIGNAL SHOP

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8011	4 EACH	INSTALL SIGNAL HEAD (ANY TYPE)
8061	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT

WIRING DIAGRAM

DISCONNECT EXISTING ELECTRICAL CABLE. REMOVE EXISTING SIGNAL HEAD AND CONNECT CABLE TO NEW FOUR-SECTION SIGNAL HEAD (SIGNAL 5)

DISCONNECT EXISTING ELECTRICAL CABLE. REMOVE EXISTING SIGNAL HEAD AND CONNECT CABLE TO NEW FOUR-SECTION SIGNAL HEAD (SIGNAL 9)

DISCONNECT EXISTING ELECTRICAL CABLE. REMOVE EXISTING SIGNAL HEAD AND CONNECT CABLE TO NEW FOUR-SECTION SIGNAL HEAD (SIGNAL 8)

DISCONNECT EXISTING ELECTRICAL CABLE. REMOVE EXISTING SIGNAL HEAD AND CONNECT CABLE TO NEW FOUR-SECTION SIGNAL HEAD (SIGNAL 6)

CONSTRUCTION DETAILS

A. INSTALL NEW TRAFFIC SIGNAL HEADS AND REMOVE SIGNAL HEAD ON STRAIN POLE AS NOTED.
B. INSTALL NEW TRAFFIC SIGNAL HEADS AND REMOVE SIGNAL HEAD ON SPAN WIRE AS NOTED.
C. EXISTING R3-7L SIGN AND SUPPORTS TO BE REMOVED BY DISTRICT 3 FORCES.
D. EXISTING R3-7R SIGN AND SUPPORTS TO BE REMOVED BY DISTRICT 3 FORCES.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates
Engineers and Planners
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	
D MODIFY SIDE STREET PHASING TO OPERATE SPLIT	9/98
NML	
C AS BUILT	9/98
FJH	
B ADD EASTBOUND & WESTBOUND LEFT TURN PHASE	9/98
DMP	
A MODIFY SIGNAL FOR ULTIMATE GEOMETRICS	12/97
RRZ	

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

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 SIGNALIZATION PLAN
MD 193 and LOTTSFORD RD/WOODMORE RD

DRAWN BY:	W.J. NIES	F.A.P. NO.	N/A	TS NO. 2672 D	SHEET NO.
CHECKED BY:	R.R. ZACHERL	S.H.A. NO.	BW 328-802-312		
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO.	1 OF 1
DATE:	8-1-90	LOG MILE:	16019316.58		

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