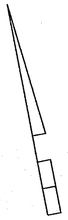
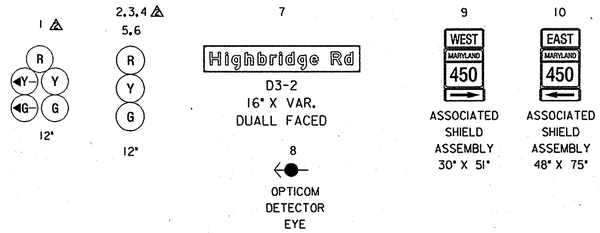
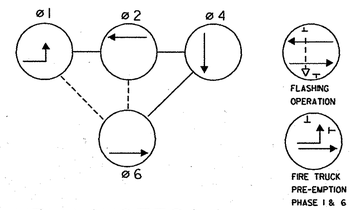
PROPOSED SIGNS/SIGNALS



MD 450 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.



NEMA PHASING



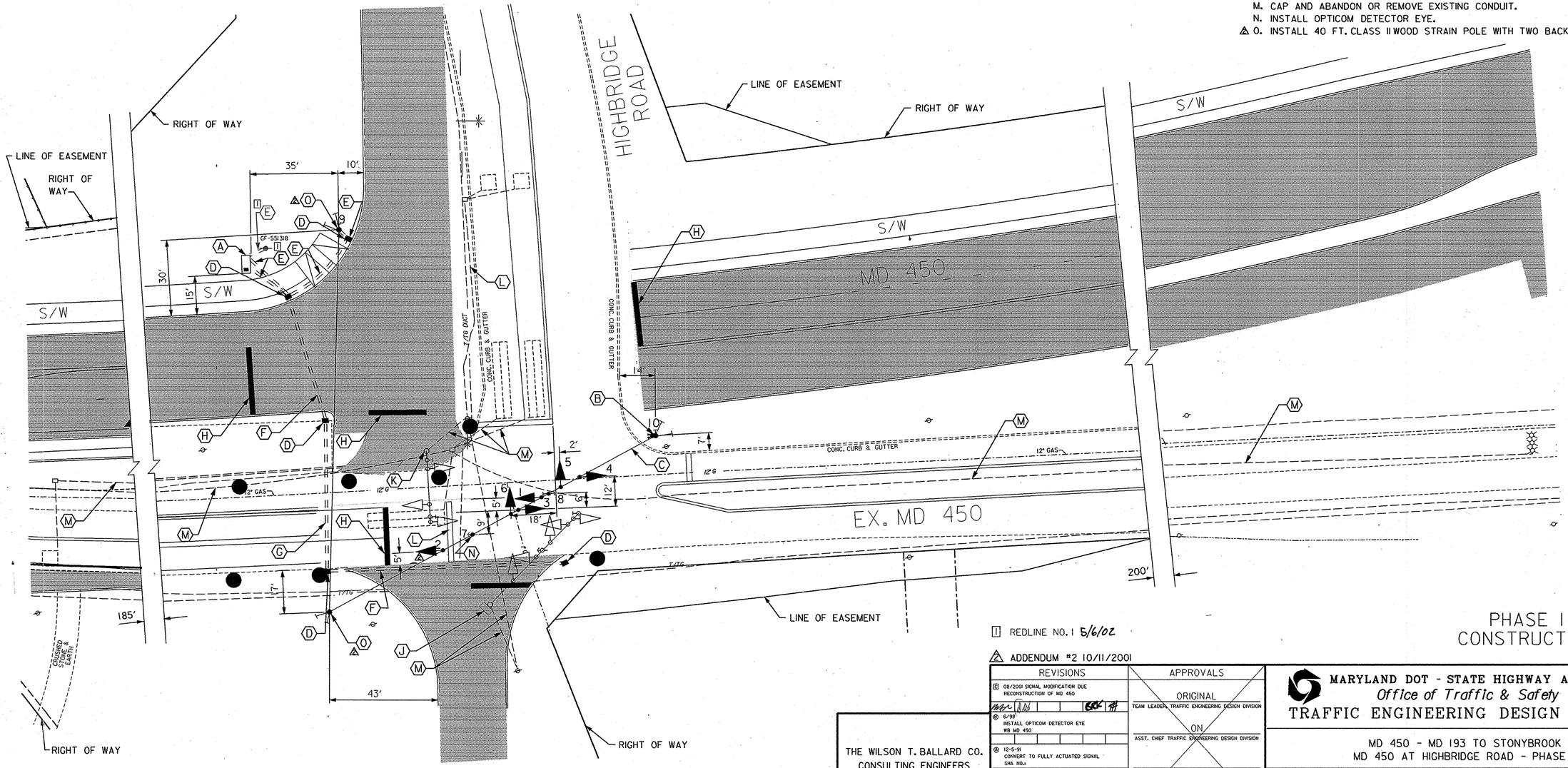
NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

CONSTRUCTION DETAILS:

A. INSTALL NEMA SIZE "6" CABINET AND CONTROLLER BASE MOUNT, WITH ALL NECESSARY CONTROL AND DISTRIBUTION EQUIPMENT AND VIDEO TRAFFIC DETECTION SYSTEM TO BE INSTALLED BY SHA. EXTRA VIDEO DETECTOR CABLE TO BE COILED IN CABINET FOR ULTIMATE SIGNAL.
B. INSTALL 40 FT. CLASS II WOOD STRAIN POLE WITH TWO BACK GUYS, WITH VIDEO TRAFFIC CAMERA, SIGNS, AND 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-RISER.
C. INSTALL 3/8 IN. STEEL SPAN WIRE AND 1/4 IN. STEEL TETHER WIRE WITH VEHICULAR SIGNAL HEADS, AND SIGNS AS SHOWN.
D. INSTALL HANDHOLE.
E. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.
F. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
G. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
H. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
J. REMOVE EXISTING POLE MAST ARM, SIGNAL HEADS, SIGN AND CABINET.
K. REMOVE EXISTING POLE, MAST ARM, SIGNAL HEADS, AND SIGNS.
L. REMOVE EXISTING PAVEMENT MARKING.
M. CAP AND ABANDON OR REMOVE EXISTING CONDUIT.
N. INSTALL OPTICOM DETECTOR EYE.
△ O. INSTALL 40 FT. CLASS II WOOD STRAIN POLE WITH TWO BACK GUYS.



PHASE I
CONSTRUCTION

[1] REDLINE NO. 1 5/6/02

△2 ADDENDUM #2 10/11/2001

REVISIONS	APPROVALS
[C] 08/2001 SIGNAL MODIFICATION DUE RECONSTRUCTION OF MD 450	ORIGINAL — TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
[B] 6/98 INSTALL OPTICOM DETECTOR EYE WB MD 450	ON — ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
[A] 12-5-91 CONVERT TO FULLY ACTUATED SIGNAL SHA NO.1	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE — DIRECTOR, TRAFFIC & SAFETY

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

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 - MD 193 TO STONYBROOK DRIVE
MD 450 AT HIGHBRIDGE ROAD - PHASE I SIGNAL

DRAWN BY:	MB	F.A.P. NO.	SEE TITLE SHEET	TS NO. △2	SHEET NO.
CHECKED BY:	STB	S.H.A. NO.	PG900557I	TS-3193C-1PHIA	409 OF 545
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	
DATE:	OCTOBER 2001	LOG MILE:	10.44	D 538	

t:\M0450E\d538gp04or.dl
t:\Pilot5\pentables\default-col.tbl
t:\Pilot5\pentables\default-col.tbl