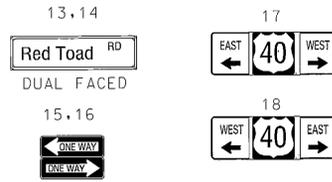
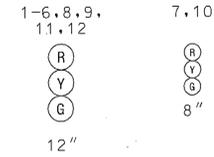




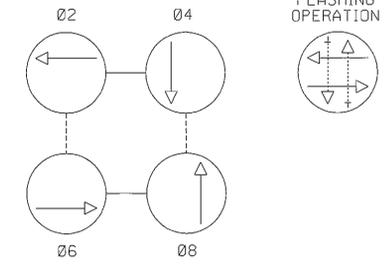
EXISTING SIGNS TO REMAIN



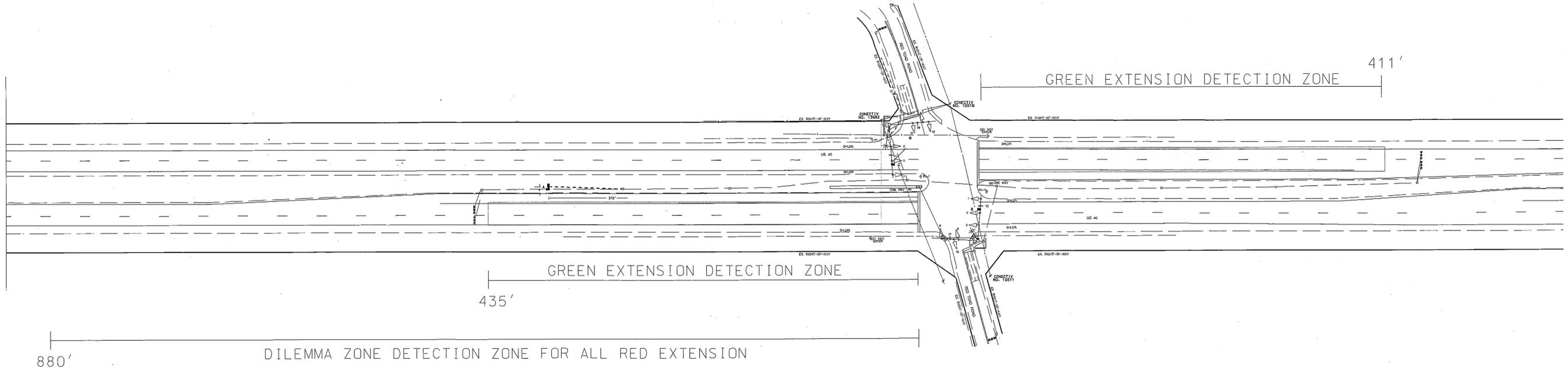
EXISTING LED SIGNAL HEADS



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



NOTES

- * DETECTOR A - PROGRAMMED TO CALL EXTENDED ALL RED WHEN HIGH SPEED VEHICLES ARE IN THE DETECTION ZONE TRAVELING AT SPEEDS THAT WILL NOT ALLOW THEM TO CLEAR SIGNAL ON AMBER.
- * DETECTOR B - PROGRAMMED WITH TWO DETECTOR OUTPUTS -
- OUTPUT 1 PROGRAMMED AS A STANDARD DILEMMA ZONE DETECTOR TO EXTEND GREEN.
- OUTPUT 2 PROGRAMMED TO CALL EXTENDED ALL RED WHEN HIGH SPEED VEHICLES ARE IN THE DETECTION ZONE TRAVELING AT SPEEDS THAT WILL NOT ALLOW THEM TO CLEAR SIGNAL ON AMBER.
- * DETECTOR C - PROGRAMMED TO OPERATED AS A STANDARD DILEMMA ZONE DETECTOR TO EXTEND GREEN
- ** PROGRAMMING SPEED THRESHOLD FOR ALL RED EXTENSION TO BE COORDINATED WITH DR. CHANG

TOD No: XX443-20
SHA No: CE367A53/B53
US 40 @ Red Toad Road

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 40 AT RED TOAD ROAD

APPROVALS	REVISIONS
TEAM LEADER	① INSTALL DILEMMA ZONE DETECTION FOR US 40 EASTBOUND TO CALL EXTENDED ALL RED 9/12/09 XX4432185 TMS J300
ASST. DIV CHIEF	② INSTALL LED MODULES AND ADDITIONAL SIGNAL HEADS ON US 40 04/29/08 SHOP FORCES
DIVISION CHIEF	③ CHANGE ICS TO FULL COLORS AND ADD DETECTORS 04/05/01 TMS E402
OFFICE DIRECTOR	

TRAFFIC SIGNALIZATION PLAN	
SCALE 1" = 50'	ADVERTISED DATE AUGUST 6, 1999 CONTRACT NO. XX1005185
DESIGNED BY	COUNTY CECIL
DRAWN BY C.P.S.	LOGMILE 07004007.35
CHECKED BY JAHMAR	TMS NO. ORIGINAL D353
F.A.P. NO. N/A	TOD NO.
TS NO. 3920C	DRAWING SG-02 OF 03 SHEET NO. 02 OF 03

PLOTTED: Thursday, January 07, 2010 at 8:58:11 AM
FILE: J869332.dgn

BY: Jhenkel

UTILITY LEGEND

E	ELECTRIC CABLES	SD	SD	STORM DRAIN
A	AERIAL CABLES	G	G	GAS MAIN
T	TELEPHONE CABLES	W	W	WATER MAIN
F	FIBER-OPTIC	S	S	SEWER MAIN