	PHASE 2 & 5			PHASE 2 & 6			PHASE 8				FLASHING
INTERVAL / SIGNAL	1	2	3	1	2	3	1	2	3	4	
1,2,9	R	R	R	G	Y	R	R	R	R	R	Y
3	~~G~~ Y	~~G~~ Y	G [2]	G	Y [4]	R [4]	R	R	R	R	Y
4	G	G [3]	G [2]	G	Y [4]	R [4]	R	R	R	R	Y
5,6	R	R	R	R	R	R	G	G	Y	R	R
7,8*	H	H	H	H	H	H	M	FH	H	H	OFF
FIXED		3.3	2.5		3.5	3.0			4.0	3.0	
MINIMUM	5			10			5				
PASSAGE	3			3			3				
MAX I	5			30			20				
MAX II	5			35			20				
PEDESTRIAN*							7	12			
MEMORY	NON-LOCKING			MIN RECALL			NON-LOCKING				

* UPON PEDESTRIAN ACTUATION, OTHERWISE DON'T WALK AT ALL TIMES.

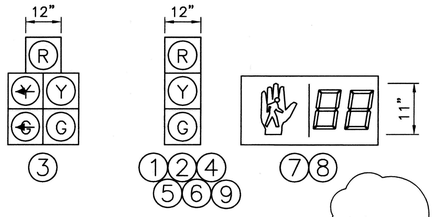
1 ~~Y~~ IF FOLLOWED BY 8

2 R IF FOLLOWED BY 8

3 Y IF FOLLOWED BY 8

4 G IF FOLLOWED BY 2+5

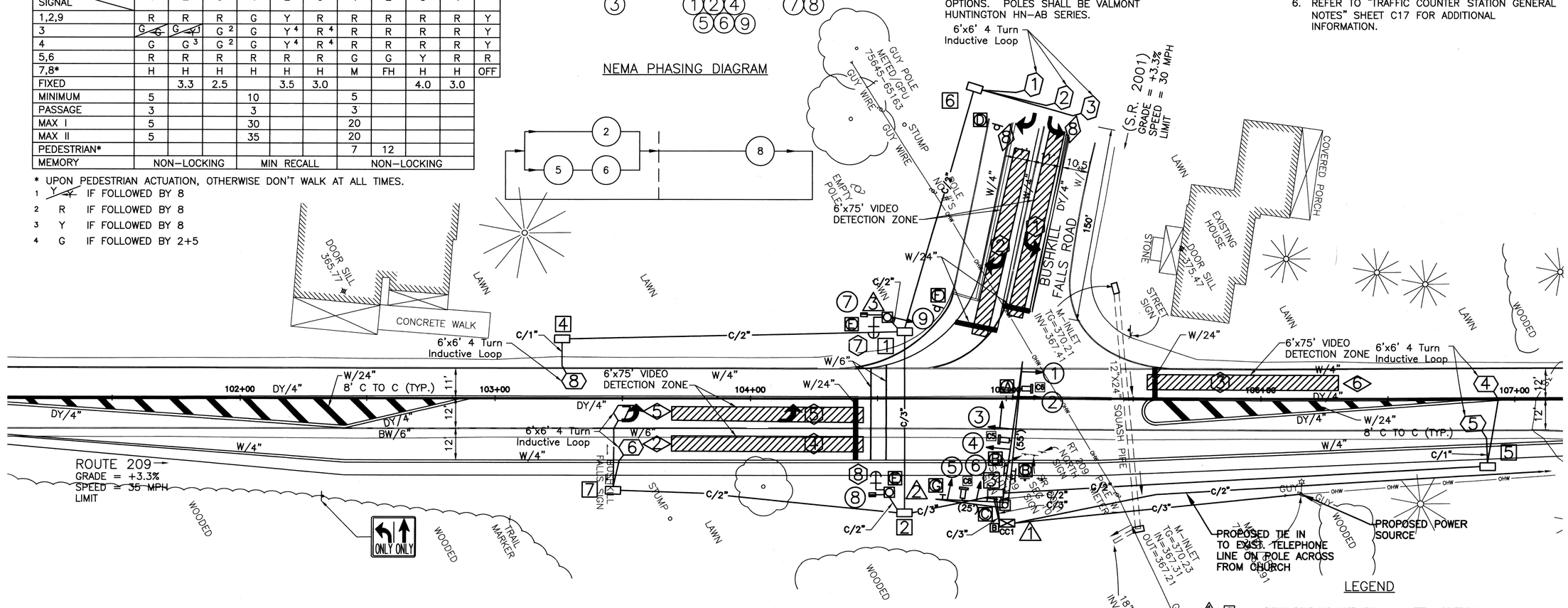
SIGNALS



NOTES

1. INSTALLATION, EQUIPMENT AND OPERATION OF THIS TRAFFIC SIGNAL SHALL BE IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION STANDARDS (TC-7800) AND SPECIFICATIONS.
2. ALL SIGNAL POLES, PEDESTRIAN POLES, MAST ARMS AND CABINETS SHALL BE POWDER COATED NPS BROWN. POLES SHALL BE FLUTED STEEL WITH A CAST ALUMINUM CLAMSHELL BASE AND SHALL NOT INCLUDE LUMINAIRE MOUNTING OPTIONS. POLES SHALL BE VALMONT HUNTINGTON HN-AB SERIES.
3. TRAFFIC SIGNAL CABINET SHALL BE SIZED TO INCLUDE AN EXTERNAL DIAL UP MODEM, A PEEK ADR-2000 TRAFFIC DATA RECORDER, TERMINAL STRIPS, AND A DUPLEX OUTLET.
4. TRAFFIC CONTROLLER SHALL BE NEMA STANDARD CONTROLLER.
5. FOR OVERLAY LOCATIONS, LOOPS SHALL BE INSTALLED PRIOR TO OVERLAY.
6. REFER TO "TRAFFIC COUNTER STATION GENERAL NOTES" SHEET C17 FOR ADDITIONAL INFORMATION.

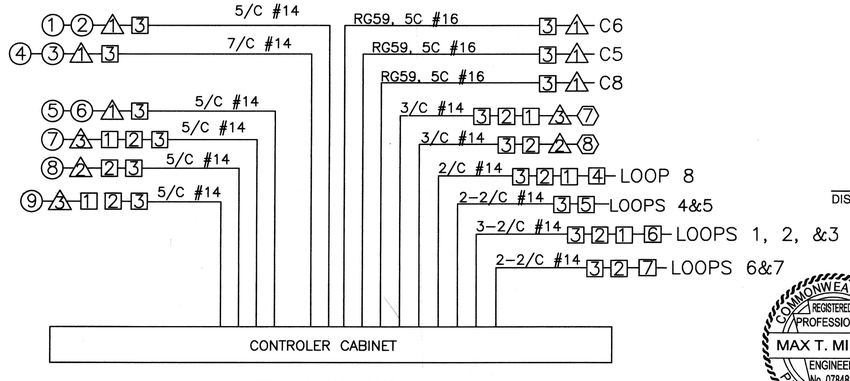
NEMA PHASING DIAGRAM



WEEKLY PROGRAM CHART				
PROGRAM	EVENT	WEEK	DAY*	TIME
MAX I	FREE	1 TO 52	1 TO 7	ALL HOURS
MAX II	FREE	0 TO 22 37 TO 52	2 TO 6	ALL HOURS

* DAY 1 IS SUNDAY

SIGN TABULATION			
PLAN SYMBOL	SERIES NUMBER	SIZE	DESCRIPTION
A	R10-12	30"x36"	LEFT TURN YIELD ON GREEN
B	D3-1	12"x54"	Bushkill Falls Road
C	M1-4	30"x24"	US ROUTE 209
D	R3-8	36"x36"	LEFT ONLY - RIGHT ONLY
E	R10-3E(L)	9"x15"	PEDESTRIAN SIGN - LEFT
F	R1-5(R)	36"x36"	YEILD HERE TO PEDS
G	R10-11	24"x30"	NO TURN ON RED



WIRING DIAGRAM

LEGEND

- SIGNAL POLE AND MAST ARM
- PEDESTAL POLE
- VEHICULAR SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
- SIGN
- VIDEO DETECTION ZONE
- PEDESTRIAN PUSH BUTTON/SIGN
- INDUCTIVE LOOP
- CONTROLLER ASSEMBLY
- JUNCTION BOX
- CONDUIT/SIZE
- VIDEO DETECTION CAMERA
- PHASE NUMBER
- BACK UP BATTERY POWER
- W/24" SOLID WHITE LINE/WIDTH
- BW/6" BROKEN WHITE LINE/WIDTH
- DY/4" DOUBLE SOLID YELLOW LINE/WIDTH

Keith D Williams
DISTRICT TRAFFIC ENGINEER

03-06-2013
DATE

20 0 20 40
SCALE OF FEET

Max T Miller

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MAX T. MILLER
ENGINEER
No. 078488

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CAL	C3L1	BUSHKILL FALLS ROAD TRAFFIC SIGNAL PERMIT PLAN	602
CADD: ALS			106692
TECH. REVIEW: TNR			PMIS/PKG NO. 156815
DATE: 05-16-12		DELAWARE WATER GAP NATIONAL RECREATION AREA	SHEET ___ OF ___

2/28/13 08:45 CLAHANE R18 \\VHB\PROJ\WABASH\33450.02 Lane-MPS DEWA\CAD\DEWA\156815\DRAWINGS\CIVIL\C3L1-BUSHKILLFALLSRD-SIGNAL PERMIT.DWG
XREFS: \\VHB\proj\Volbeach\33450.02 Lane-MPS DEWA\cad\DEWA\156815\drawings\bases\X-PE-Sed-MTM-PA.dwg\\VHB\proj\Volbeach\33450.02 Lane-MPS DEWA\cad\DEWA\156815\drawings\bases\XMET.dwg\\VHB\proj\Volbeach\33450.02 Lane-MPS DEWA\cad\DEWA\156815\drawings\bases\XC-PROP-ROAD.dwg\XC-...