

LEGEND

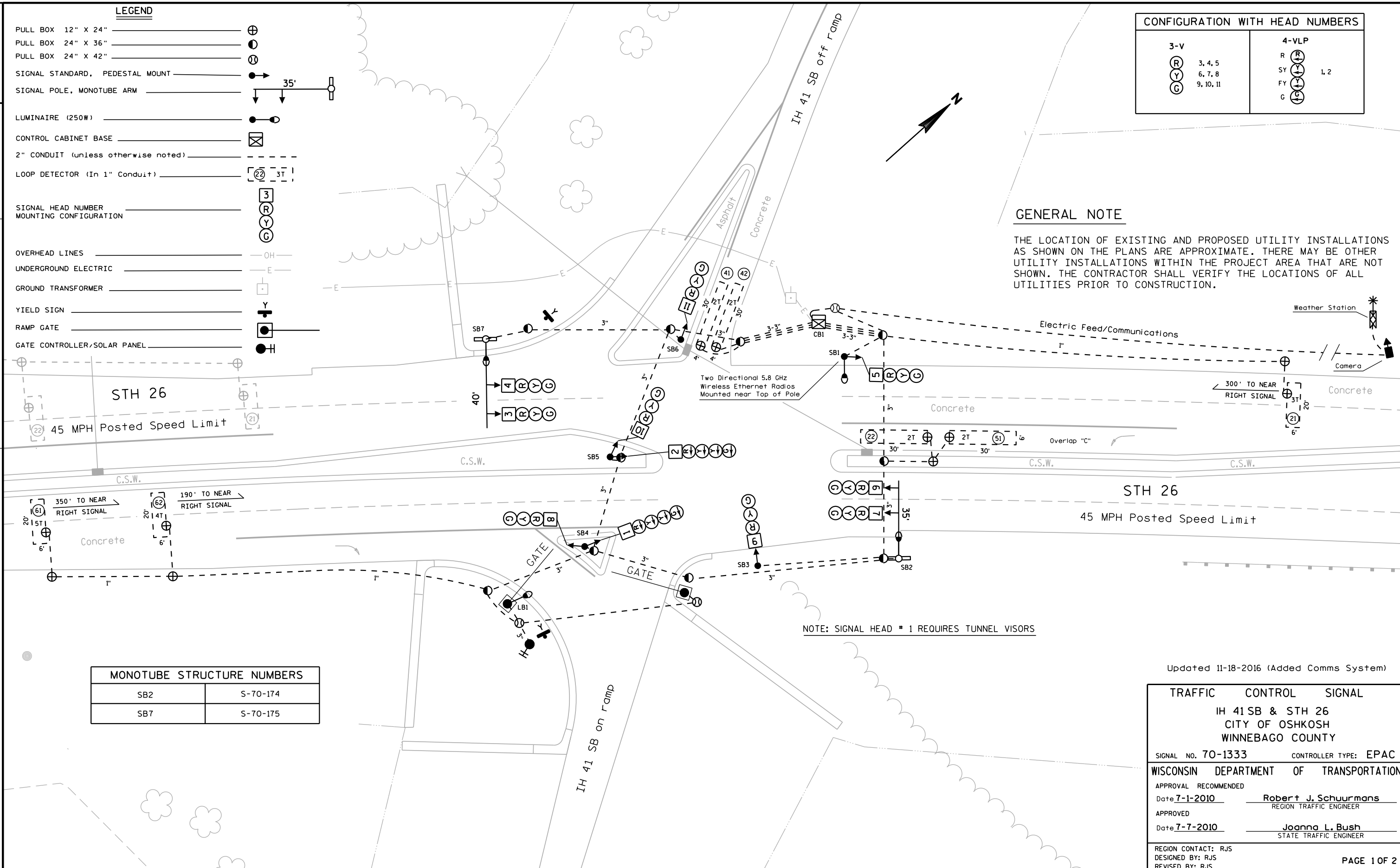
- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL MOUNT
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE (250W)
- CONTROL CABINET BASE
- 2" CONDUIT (unless otherwise noted)
- LOOP DETECTOR (In 1" Conduit)
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- OVERHEAD LINES
- UNDERGROUND ELECTRIC
- GROUND TRANSFORMER
- YIELD SIGN
- RAMP GATE
- GATE CONTROLLER/SOLAR PANEL

CONFIGURATION WITH HEAD NUMBERS

3-V	4-VLP
	R
Y	SY
G	FY
	G

GENERAL NOTE

THE LOCATION OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.



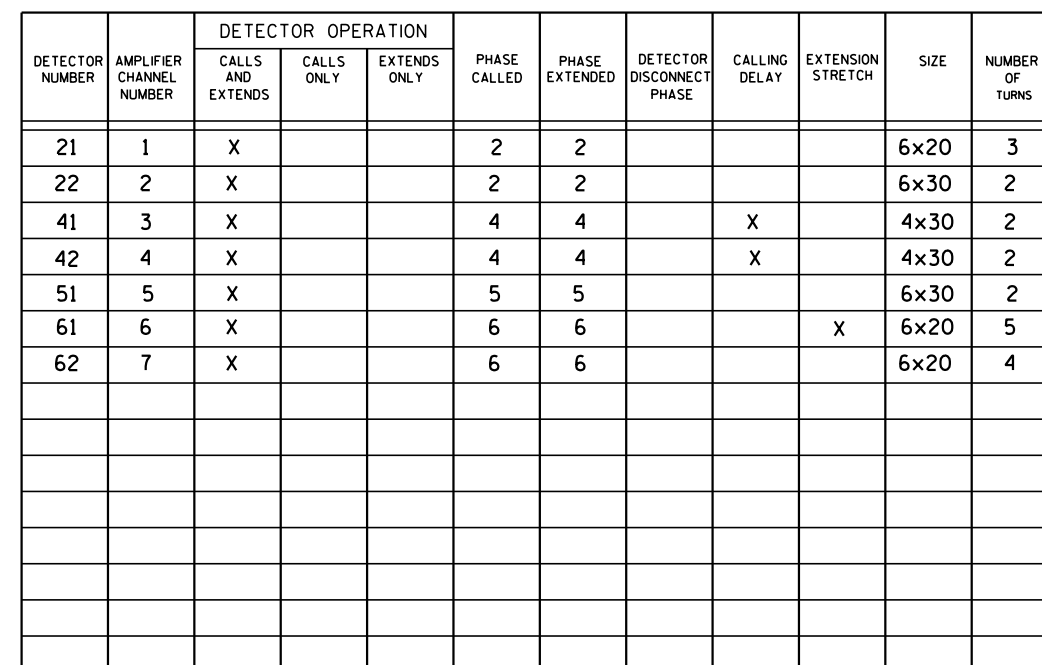
MONOTUBE STRUCTURE NUMBERS	
SB2	S-70-174
SB7	S-70-175

NOTE: SIGNAL HEAD # 1 REQUIRES TUNNEL VISORS

Updated 11-18-2016 (Added Comms System)

TRAFFIC CONTROL SIGNAL	
IH 41 SB & STH 26	
CITY OF OSHKOSH	
WINNEBAGO COUNTY	
SIGNAL NO. 70-1333	CONTROLLER TYPE: EPAC
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL RECOMMENDED	
Date <u>7-1-2010</u>	<u>Robert J. Schuurmans</u> REGION TRAFFIC ENGINEER
APPROVED	
Date <u>7-7-2010</u>	<u>Joanna L. Bush</u> STATE TRAFFIC ENGINEER
REGION CONTACT: RJS	
DESIGNED BY: RJS	REVISOR: RJS

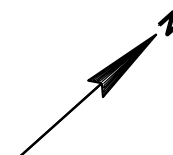
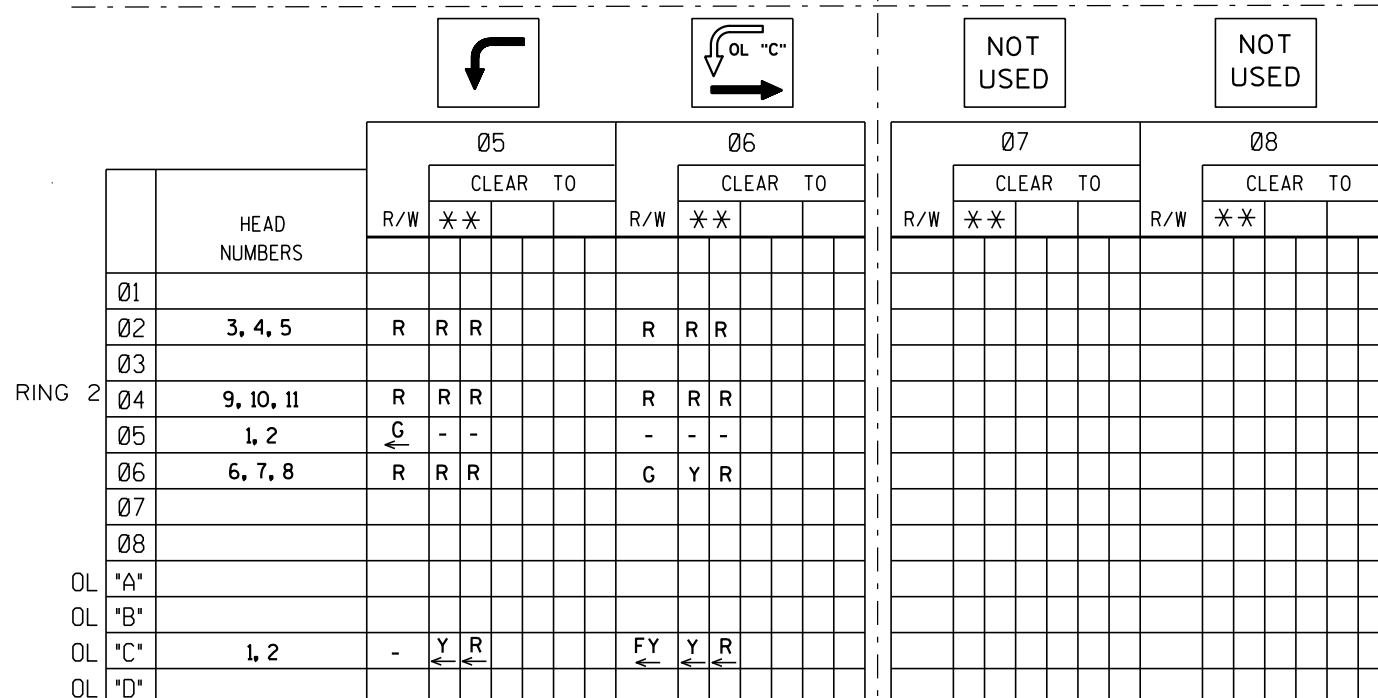
CONTROLLER LOGIC



PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACT
1				
2			MIN	YE
3				
4				YE
5				YE
6			MIN	YE
7				
8				

OVERLAP SPECIAL

	Protected	Permissive
OL "A"		
OL "B"		
OL "C"	5	6
OL "D"		



TYPE OF INTERCONNECT/COMMUNICATION	
CELL MODEM	
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	x
FIBER OPTIC (ETHERNET)	
RADIO	

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: ST0-xxx;	
SIGNAL SYSTEM #: SS-70-xxxx	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
	NONE
	RAILROAD
	EMERGENCY VEHICLE
	GTT
	TOMAR
	HARDWIRE
	3M
	LIFT BRIDGE
	QUEUE DETECTOR

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1)

BARRIER

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1		
2	5 or 6	4
3		
4	NONE	2, 5, 6
5	2	4, 6
6	2	4, 5
7		
8		

GENERAL NOTES:

1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NONCONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL.
(SEE CHART 1 AT LEFT.)
3. IF ANY OPPOSING THRU PHASES ARE TIMING CONCURRENTLY, THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.
4. PROVIDE FOR HAND CONTROL.

Updated 11-18-2016 (Added Comms System)

IH 41 SB & STH 26
 CITY OF OSHKOSH
 WINNEBAGO COUNTY

SIGNAL NO. 70-1333

CONTROLLER TYPE: EPAC TS1

DATE: 7-7-2010

PAGE NO. 2 OF 2

PROJECT NO: 1120-10-80

HWY: IH 41

COUNTY: WINNEBAGO

SEQUENCE OF OPERATIONS S70-1333

SHEET

T