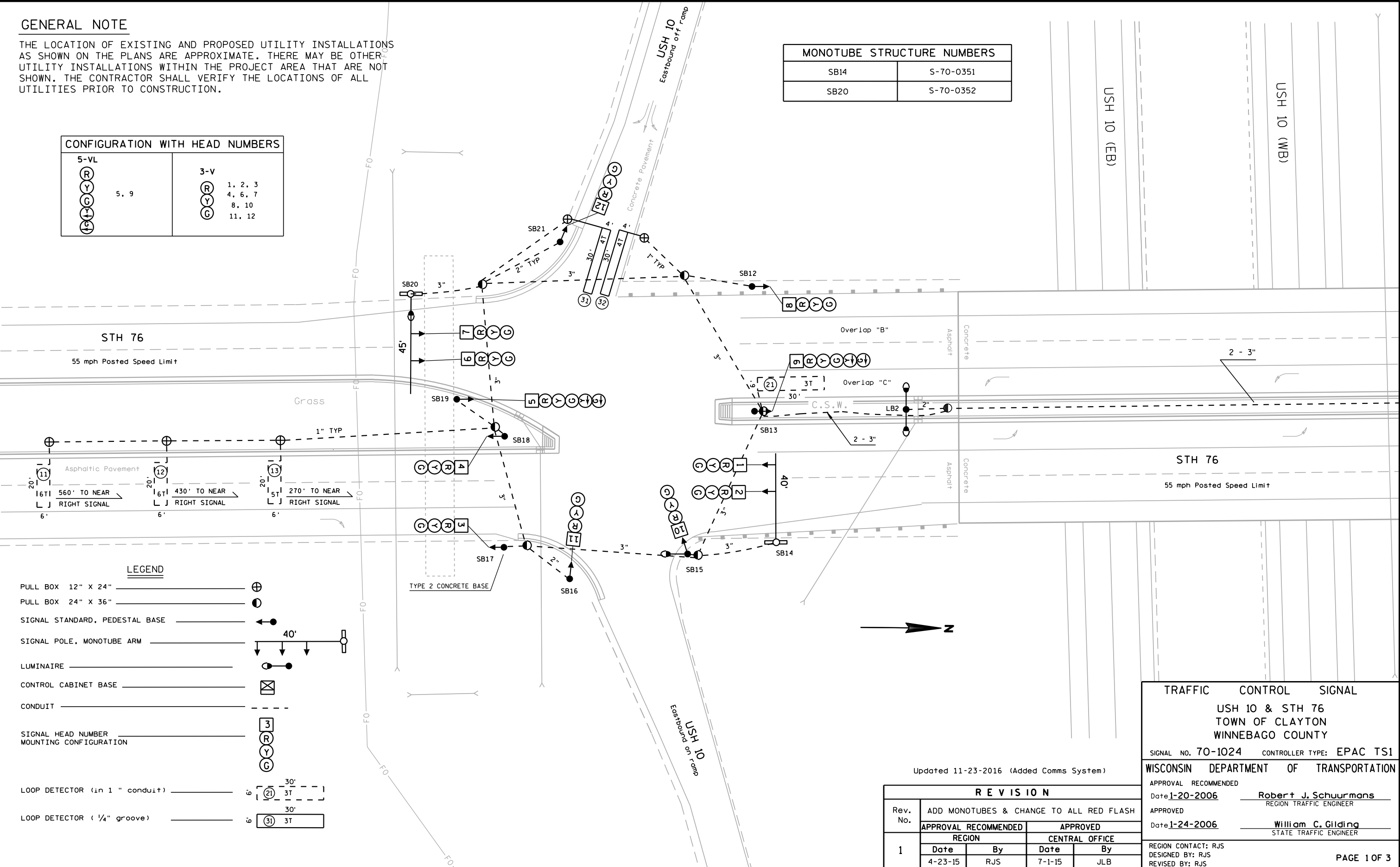


GENERAL NOTE

THE LOCATION OF 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.

CONFIGURATION WITH HEAD NUMBERS	
5-VL R Y G 4 16	5, 9
3-V R Y G	1, 2, 3 4, 6, 7 8, 10 11, 12

MONOTUBE STRUCTURE NUMBERS	
SB14	S-70-0351
SB20	S-70-0352



LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 36"
- SIGNAL STANDARD, PEDESTAL BASE
- SIGNAL POLE, MONOTUBE ARM
- LUMINAIRE
- CONTROL CABINET BASE
- CONDUIT
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION
- LOOP DETECTOR (in 1" conduit)
- LOOP DETECTOR (1/4" groove)

Updated 11-23-2016 (Added Comms System)

R E V I S I O N			
Rev. No.	ADD MONOTUBES & CHANGE TO ALL RED FLASH		
1	APPROVAL RECOMMENDED		APPROVED
	REGION		CENTRAL OFFICE
	Date	By	Date By
	4-23-15	RJS	7-1-15 JLB

TRAFFIC CONTROL SIGNAL

USH 10 & STH 76

TOWN OF CLAYTON

WINNEBAGO COUNTY

SIGNAL NO. 70-1024 CONTROLLER TYPE: EPAC TS1

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date1-20-2006

Robert J. Schuurmans

REGION TRAFFIC ENGINEER

APPROVED

Date1-24-2006

William C. Gilding

STATE TRAFFIC ENGINEER

REGION CONTACT: RJS

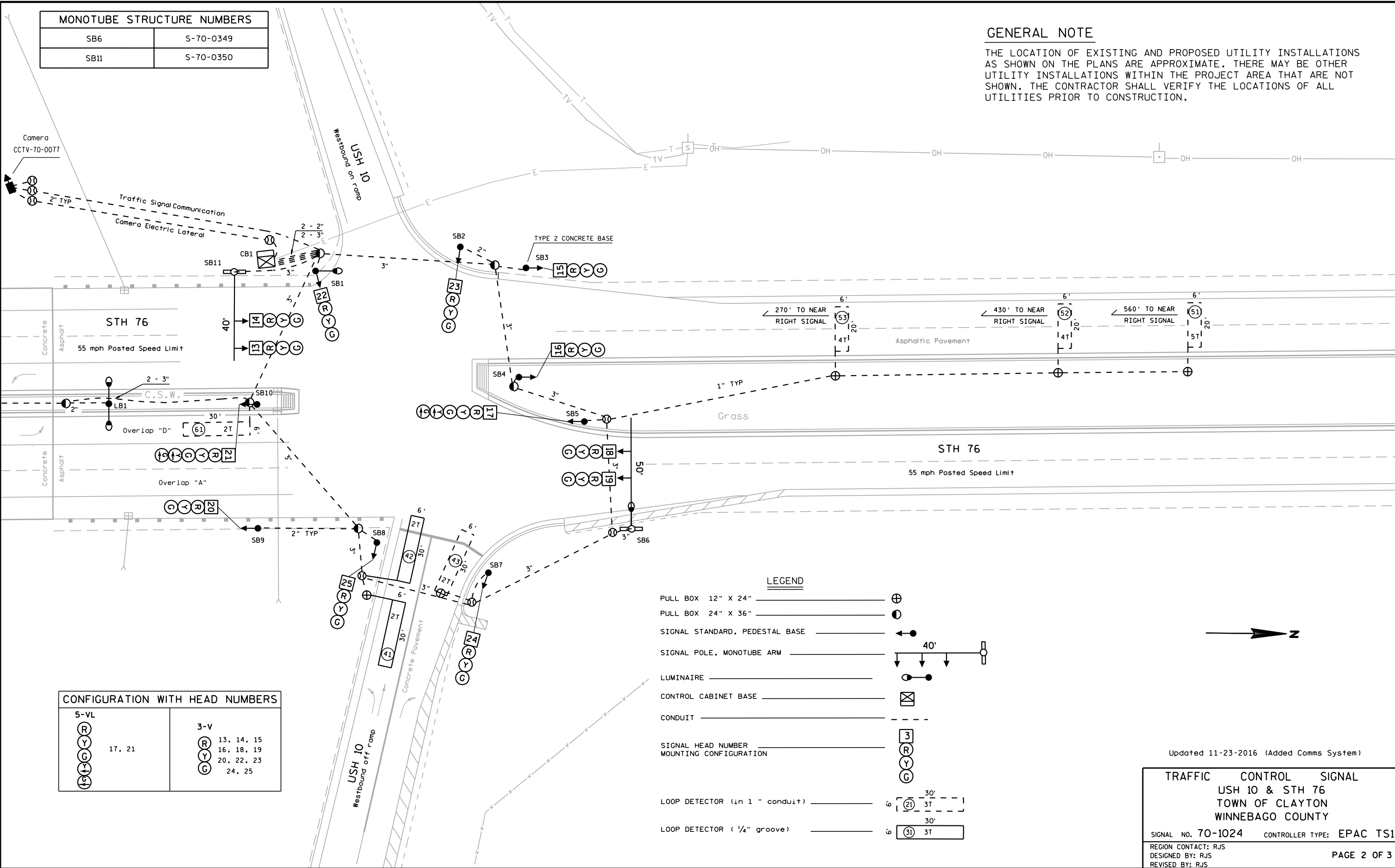
DESIGNED BY: RJS

REVISED BY: RJS

GENERAL NOTE

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MONOTUBE STRUCTURE NUMBERS	
SB6	S-70-0349
SB11	S-70-0350



CONFIGURATION WITH HEAD NUMBERS	
5-VL (R) (Y) (G) (T) (B)	17, 21
3-V (R) (Y) (G)	13, 14, 15 16, 18, 19 20, 22, 23 24, 25

LEGEND

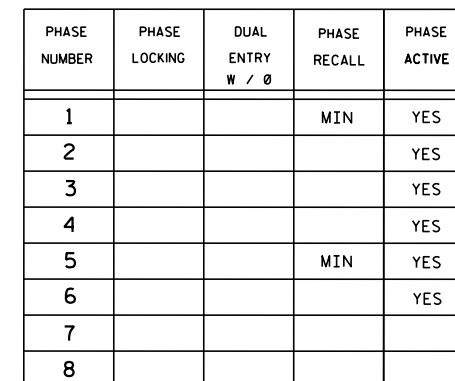
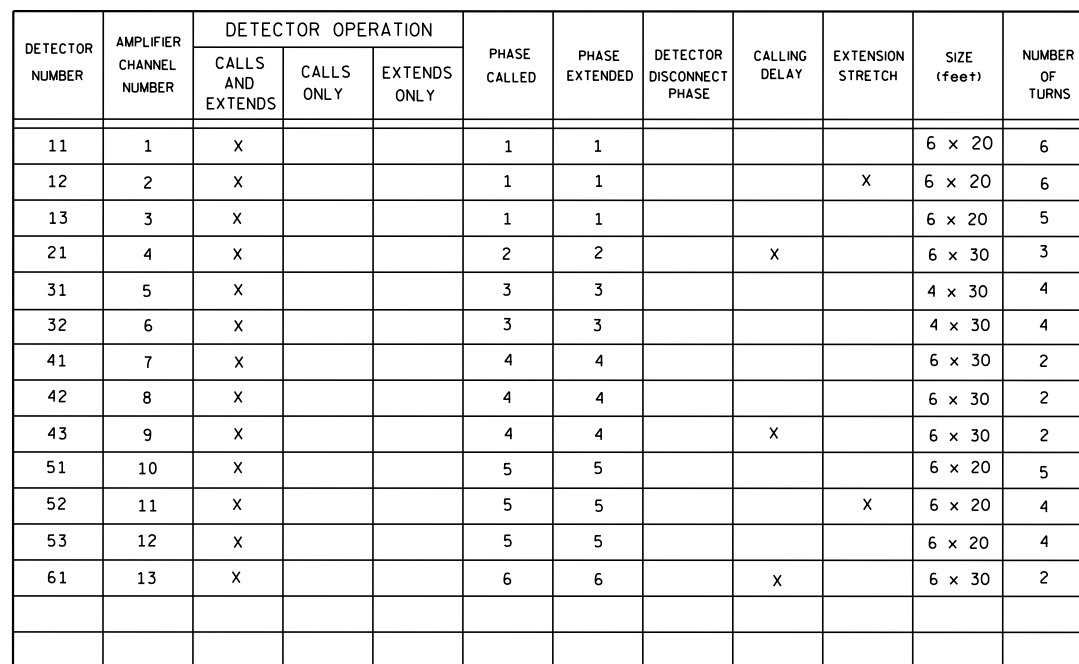
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- LOOP DETECTOR (1/4" groove)

Updated 11-23-2016 (Added Comms System)

TRAFFIC CONTROL SIGNAL USH 10 & STH 76 TOWN OF CLAYTON WINNEBAGO COUNTY	
SIGNAL NO. 70-1024	CONTROLLER TYPE: EPAC TS1
REGION CONTACT: RJS	PAGE 2 OF 3
DESIGNED BY: RJS	
REVISED BY: RJS	

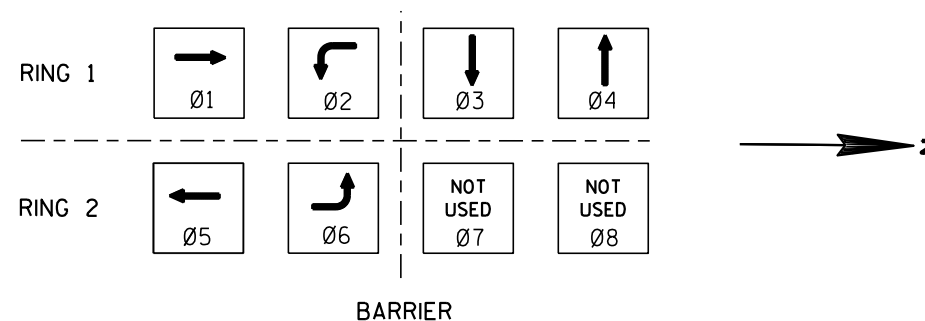
DETECTOR LOGIC

CONTROLLER LOGIC



OVERLAPS

- 0.L. "A" = 1, 2, 3, 5, 6
- 0.L. "B" = 1, 2, 4, 5, 6
- 0.L. "C" = 2, 4
- 0.L. "D" = 3, 6



BARRIER

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

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S70-xxxx	
SIGNAL SYSTEM #: SS-70-xxxx	

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

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

Updated 11-23-2016 (Added Comms System)

USH 10 & STH 76
TOWN OF CLAYTON
WINNEBAGO COUNTY

SIGNAL NO. 70-1024

CONTROLLER TYPE: EPAC TS1

DATE: 7-1-2015

PAGE NO. 3 OF 3

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. PROVIDE FOR HAND CONTROL OPERATION.

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
Ø1	5, 6	2, 3, 4
Ø2	5, 6	1, 3, 4
Ø3	NONE	1, 2, 4, 5, 6
Ø4	NONE	1, 2, 3, 5, 6
Ø5	1, 2	3, 4, 6
Ø6	1, 2	3, 4, 5
Ø7		
Ø8		

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