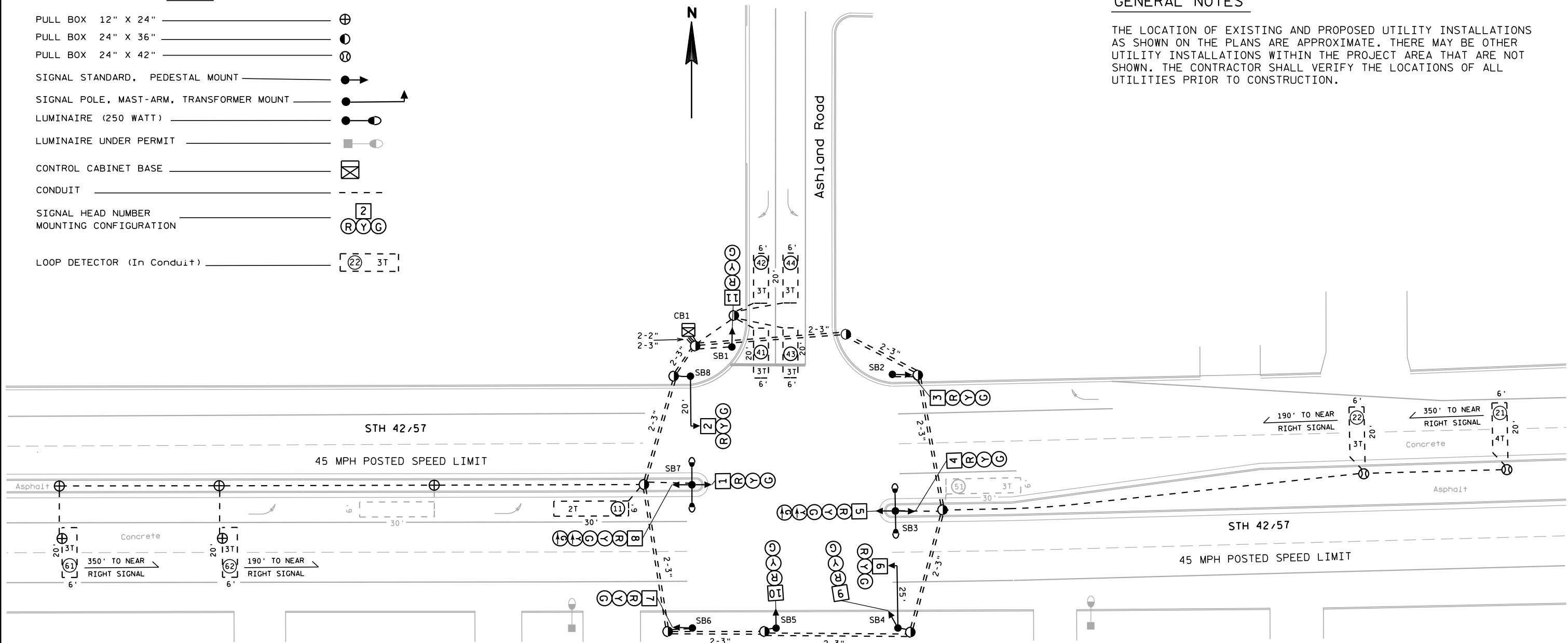


LEGEND

PULL BOX 12" X 24"	⊕
PULL BOX 24" X 36"	⊙
PULL BOX 24" X 42"	⊗
SIGNAL STANDARD, PEDESTAL MOUNT	●→
SIGNAL POLE, MAST-ARM, TRANSFORMER MOUNT	●→
LUMINAIRE (250 WATT)	●○
LUMINAIRE UNDER PERMIT	■○
CONTROL CABINET BASE	⊠
CONDUIT	---
SIGNAL HEAD NUMBER MOUNTING CONFIGURATION	<div>2 R Y G</div>
LOOP DETECTOR (In Conduit)	<div>22 3T</div>

N

GENERAL NOTES

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 <div>R Y G A M</div> 5, 8	3-V <div>R Y G</div> 1, 3, 4, 7 9, 10, 11	3-H <div>R Y G</div> 2, 6
--	--	---------------------------------

UPDATED 8-13-2014

## TRAFFIC CONTROL SIGNAL

STH 42/57 & ASHLAND AVENUE  
CITY OF STURGEON BAY  
DOOR COUNTY

SIGNAL NO. 831

CONTROLLER TYPE: ECONOLITE

## WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 10-19-2000

Brian S. Brock

REGION TRAFFIC ENGINEER

APPROVED

Date 10-30-2000

William C. Gilding

STATE TRAFFIC ENGINEER

REGION CONTACT: RJS

DESIGNED BY: RJS

REVISED BY: RJS

PAGE 1 OF 2

PROJECT NO: 4140-27-60

HWY: STH 42/57

COUNTY: DOOR

TRAFFIC CONTROL SIGNAL

SHEET NO:

E

FILE NAME : F:\d3\_traffic\1\S-831.dgn

PLOT DATE : 21-OCT-2014 12:07

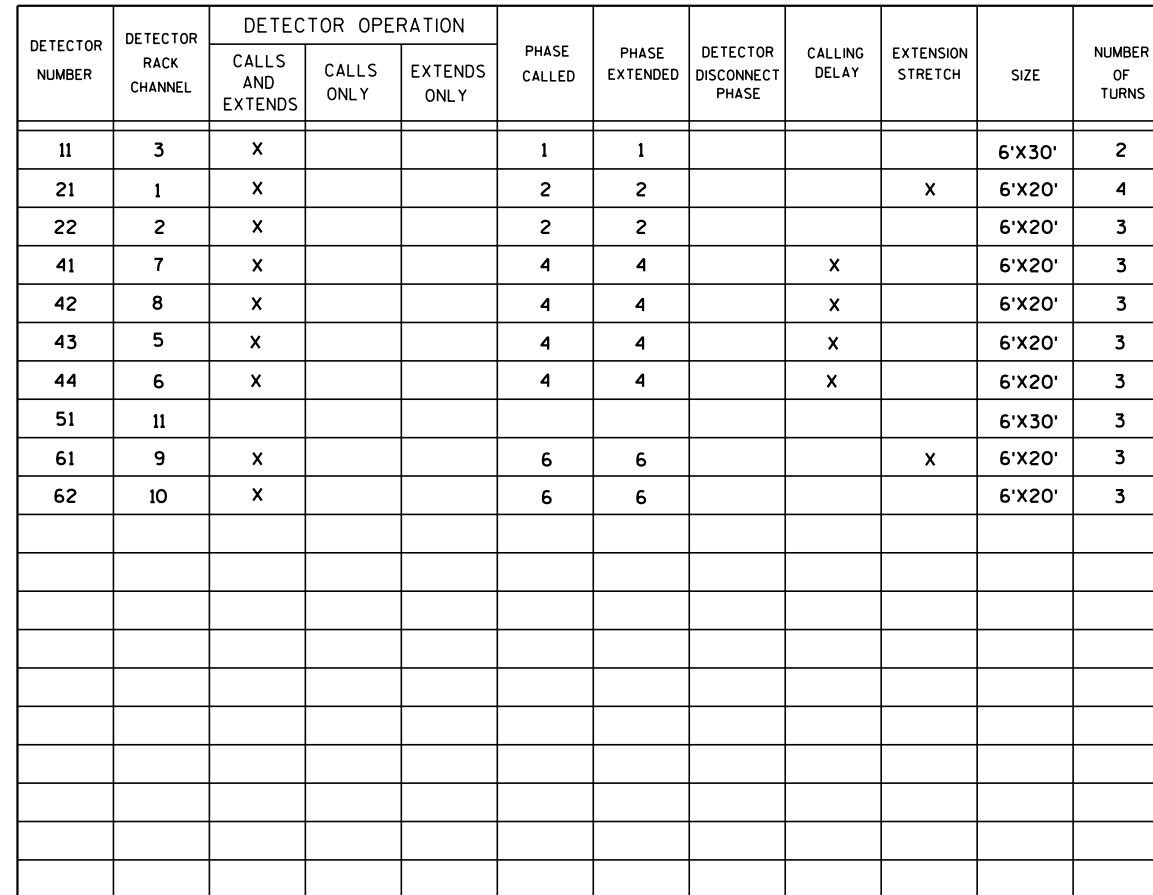
PLOT BY : dotc5s

PLOT NAME : S-831.up

PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

## DETECTOR LOGIC



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

TYPE OF INTERCONNECT	
NONE	
TBC	X
CLOSED LOOP	
HARDWIRE (7 WIRE)	
TONE (FREQ)	

TYPE OF PRE-EMPT	
NONE	1
RAILROAD	
EMERGENCY VEHICLE	

TYPE OF LIGHTING	
NONE	
IN TRAFFIC CONTROL CABINET	
IN SEPARATE CONTROL CABINET	

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
Ø1	6	2, 4
Ø2	6	1, 4
Ø3	-	-
Ø4	-	1, 2, 6
Ø5	-	-
Ø6	1 OR 2	4
Ø7	-	-
Ø8	-	-

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 (MANUAL) OPERATION.

UPDATED 8-13-2014

STH 42/57 & ASHLAND AVE.  
CITY OF STURGEON BAY  
DOOR COUNTY

SIGNAL NO. 831

Controller Type: ECONOLITE

Date: 8-13-2013