

GENERAL NOTE

CONFIGURATION WITH HEAD NUMBERS

MONOTUBE STRUCTURE NUMBERS

NOTE: SIGNAL HEADS # 1 & # 6 REQUIRE TUNNEL VISORS

STH 21

45 MPH Posted Speed Limit

STH 21

45 MPH Posted Speed Limit

LEGEND

PULL BOX 12" X 24"

PULL BOX 24" X 36" _____

SIGNAL STANDARD, PEDESTAL BASE _____ ←●

SIGNAL HEAD MAST-ARM MOUNT _____ 15'

SIGNAL POLE, MONOTUBE ARM _____

LUMINAIRE ☐

CONTROL CABINET BASE _____ ☒

3" CONDUIT (unless otherwise noted) _____ _ _ _ _

SIGNAL HEAD NUMBER _____
MOUNTING CONFIGURATION _____

LOOP DETECTOR (in 1" conduit) _____ 30' ---

LOOP DETECTOR (in $\frac{1}{4}$ " groove) _____ (41) 3T

12-8-2015 LEOTEK LED "B" LUMINAIRES INSTALLED

TRAFFIC	CONTROL	SIGNAL
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STH 21 & Westhaven Dr/Emmers Ln
CITY OF OSHKOSH
WINNEBAGO COUNTY

SIGNAL NO. 909 CONTROLLER TYPE: EPAC TS2

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 10-30-02 Robert J. Schuurmans
REGIONAL TRAFFIC ENGINEER

APPROVED _____ REGION TRAFFIC ENGINEER

Date 11-4-02 William C. Gilding
STATE TRAFFIC ENGINEER

	STATE TRAFFIC ENGINEER
	REGION CONTACT: RJS

DESIGNED BY: RJS

PAGE 1 OF 2

PAGE 1 OF 2

PROJECT NO: 3700-30-06

HWY: STH 21

COUNTY: WINNEBAGO

CONSTRUCTION DETAIL - TRAFFIC SIGNAL REVISION

SHEET

E

FILE NAME : F:\d3_traffic\S-909,rev2.dgn

PLOT DATE : 09-DEC-2015 13:41

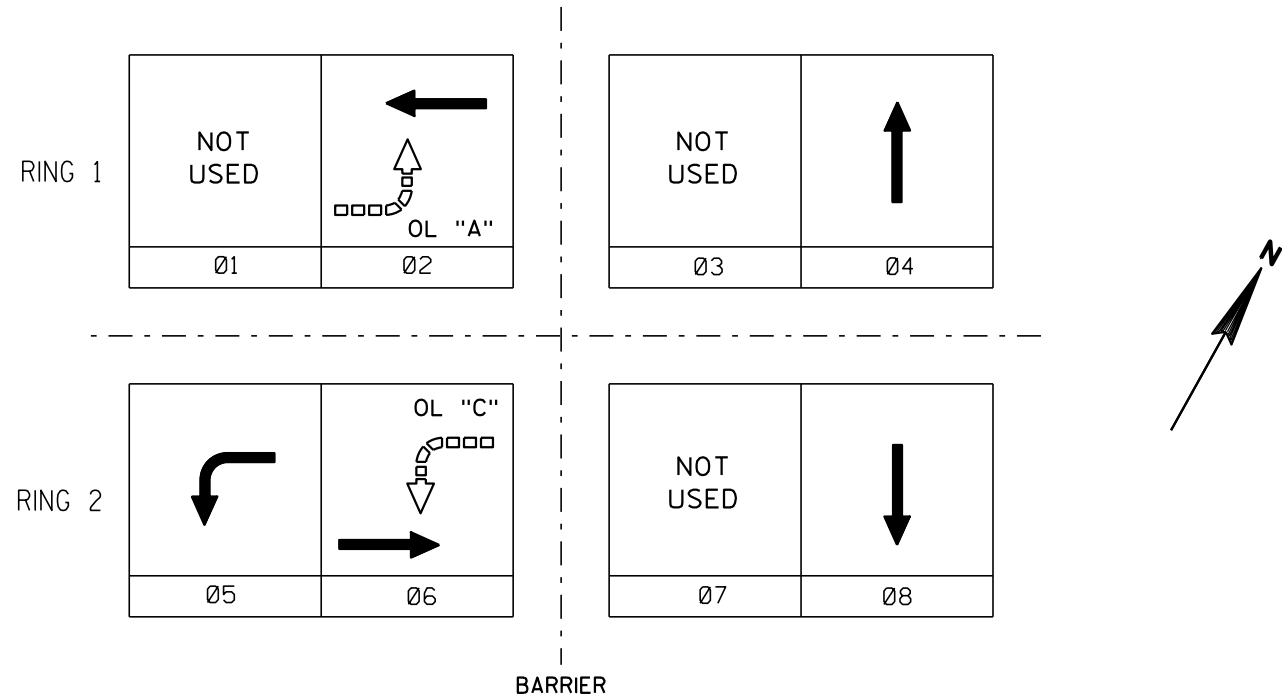
PL0T BY : dotc5s

PLOT NAME : S-909,rev2

PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1		
Ø2	3, 4, 5	R
Ø3		
Ø4	11, 12, 13	R
Ø5	1, 2	-
Ø6	8, 9, 10	R
Ø7		
Ø8	14, 15, 16	R
Ø2P		
Ø4P		
Ø6P		
Ø8P		
OLA	6, 7	R
OLB		
OLC	1, 2	R
OLD		



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

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

TYPE OF COORDINATION	
NONE	
TBC	x
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-000
SIGNAL SYSTEM #:	SS-0000

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

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

DETECTOR LOGIC

RACK # 1							
DETECTOR CHANNEL	3	1	7	5	11	9	15
PLAN LOOP DETECTOR *(S)	21	41	42	51	61	63	81
ASSIGNED PHASE	2	4	4	5	6	6	8
OPERATION MODE	Veh	Veh	Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE							
EXTEND	Yes				Yes		
DELAY		Yes	Yes				Yes
DETECTOR CHANNEL	4	2	8	6	12	10	16
PLAN LOOP DETECTOR *(S)	22	43	44		62		82
ASSIGNED PHASE	2	4	4		6		8
OPERATION MODE	Veh	Veh	Veh		Veh		Veh
SWITCH TO PHASE							
EXTEND							
DELAY		Yes	Yes				Yes

RACK # 2							
DETECTOR CHANNEL	19	17	23	21	27	25	31
PLAN LOOP DETECTOR *(S)							
ASSIGNED PHASE							
OPERATION MODE							
SWITCH TO PHASE							
EXTEND							
DELAY							
DETECTOR CHANNEL	20	18	24	22	28	26	32
PLAN LOOP DETECTOR *(S)							
ASSIGNED PHASE							
OPERATION MODE							
SWITCH TO PHASE							
EXTEND							
DELAY							

OVERLAP SPECIAL

	Protected	Permissive
OL "A"	1	2
OL "B"		
OL "C"	5	6
OL "D"		

GENERAL NOTES:
1. PROVIDE FOR HAND CONTROL.

Revision 2	
STH 21 & Westhaven Dr/Emmers Ln CITY OF OSHKOSH WINNEBAGO COUNTY	
SIGNAL NO.	909
CABINET: TS2	CONTROLLER: EPAC
DATE: 7-1-2015	PAGE NO. 2 OF 2