




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

3-H	3-V	4-VLFY
		
12, 15	3, 4, 5 8, 9, 10 11, 13 14, 16	1, 2 6, 7

MONOTUBE STRUCTURE NUMBERS

SB5	S-70-0353
SB10	S-70-0354

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











STH 76

45 MPH Posted Speed Limit

STH 76

45 MPH Posted Speed Limit

LEGEND

- PULL BOX 12" X 24" 
- PULL BOX 24" X 36" 
- SIGNAL STANDARD, PEDESTAL BASE 
- SIGNAL POLE, MONOTUBE ARM 
- LUMINAIRE 
- CONTROL CABINET BASE 
- 2" CONDUIT (unless otherwise noted) 
- SIGNAL HEAD NUMBER MOUNTING CONFIGURATION 
- LOOP DETECTOR (in 1" conduit) 
- LUMINAIRE (under permit) 

PROJECT NO: 3700-30-06

HWY: STH 76

COUNTY: WINNEBAGO

TRAFFIC CONTROL SIGNAL S70-1301

SHEET

E

FILE NAME : F:\d3-traffic\1301,rev2.dgn

PLOT DATE : 27-OCT-2016 10:19

PLOT BY : dotc5s

PLOT NAME : S-1301,rev2,up

PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

TRAFFIC CONTROL SIGNAL
STH 76 & GREEN VALLEY ROAD
TOWN OF VINLAND
WINNEBAGO COUNTY

SIGNAL NO. 70-1301 CONTROLLER TYPE: EPAC TS1

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED

Date 10-31-08 Robert J. Schuurmans
REGION TRAFFIC ENGINEER

APPROVED

Date 11-3-2008 Joanna L. Bush
STATE TRAFFIC ENGINEER

REGION CONTACT: RJS
DESIGNED BY: RJS
REVISED BY: RJS

PAGE 1 OF 2

Updated 10-27-2016 (Added Communications Conduit)

REVISION

Rev. No.	ADD MONOTUBES & FYA			
	APPROVAL RECOMMENDED		APPROVED	
2	Date	By	Date	By
	5-6-2015	RJS	7-1-2015	JLB

12-4-09 CHANGE PHASES 1 & 5 FROM PROTECTED ONLY, TO PROTECTED/PERMISSIVE, DUE TO SPEED LIMIT CHANGE.

CONTROLLER LOGIC

[illegible]

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

OVERLAP SPECIAL

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

[illegible]

→ 2

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

TYPE OF COORDINATION	
NONE	
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S70-201	
SIGNAL SYSTEM *:	SS-0119

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	

CHART 1

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

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1	5 or 6	2, 4, 8
2	5 or 6	1, 4, 8
3		
4	8	1, 2, 5, 6
5	1 or 2	4, 6, 8
6	1 or 2	4, 5, 8
7		
8	4	1, 2, 5, 6

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 1AT 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.
5. STREET LIGHT BOARD WITH HEAVY DUTY CONTACTOR REQUIRED FOR THE LUMINAIRES.

Updated 10-27-2016 (Added Communications Conduit)

STH 76 & GREEN VALLEY ROAD
TOWN OF VINLAND
WINNEBAGO COUNTY

SIGNAL NO. 70-1301

CONTROLLER TYPE: EPAC TS1

DATE: 7-1-2015

PAGE NO. 2 OF 2

PROJECT NO: 3700-30-06

HWY: STH 76

COUNTY: WINNEBAGO

SEQUENCE OF OPERATIONS S70-1301

SHEET

TE