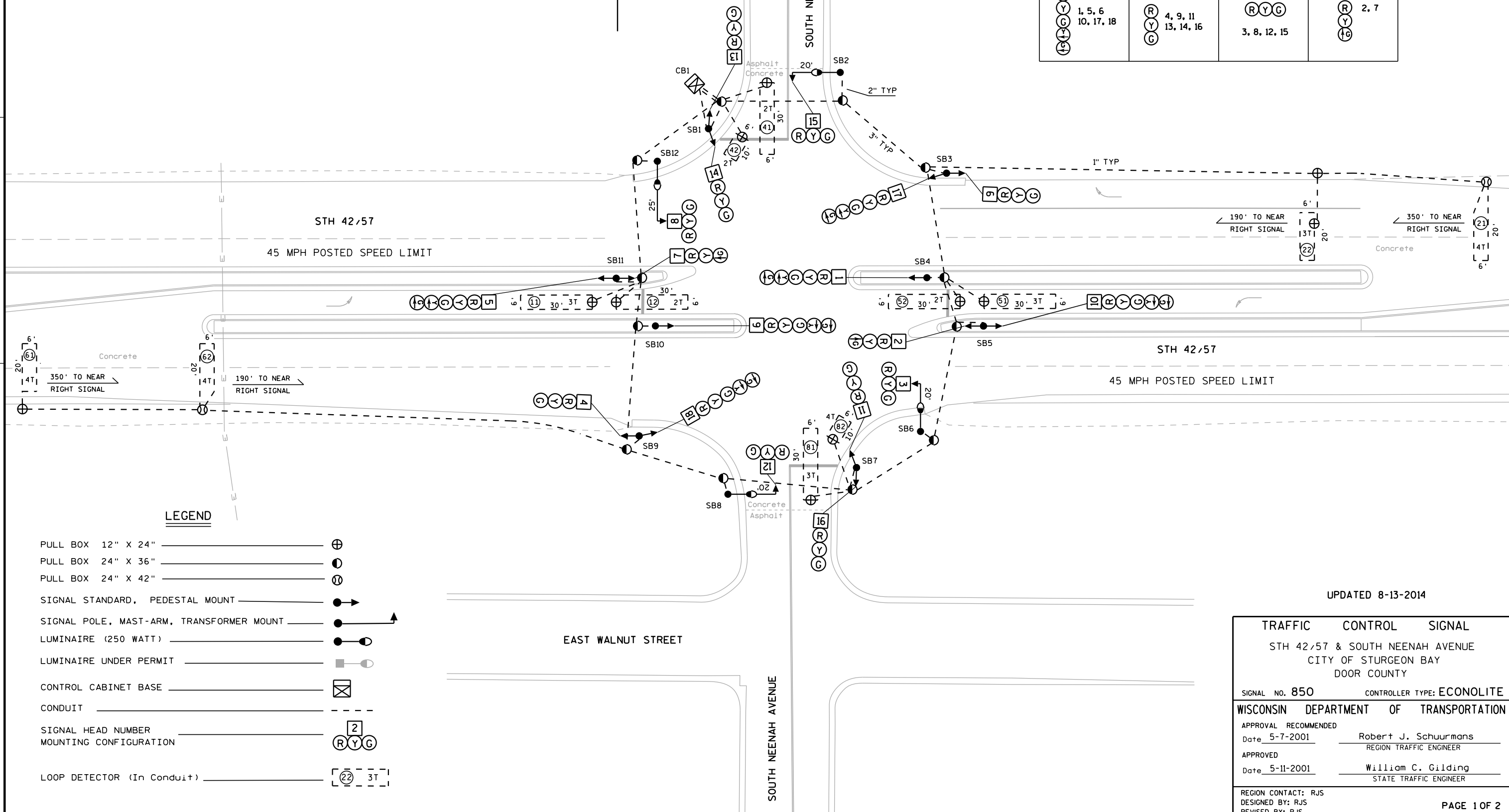


GENERAL NOTES

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 Ⓡ Ⓨ ⓖ Ⓢ Ⓣ | 3-V Ⓡ Ⓨ ⓖ | 3-H ⓇⓎⓖ | 3-VT Ⓡ Ⓨ ⓖ |
| 1, 5, 6 10, 17, 18 | 4, 9, 11 13, 14, 16 | 3, 8, 12, 15 | 2, 7 |



UPDATED 8-13-2014

TRAFFIC CONTROL SIGNAL
STH 42/57 & SOUTH NEENAH AVENUE
CITY OF STURGEON BAY
DOOR COUNTY

SIGNAL NO. 850 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 5-7-2001 Robert J. Schuurmans
REGION TRAFFIC ENGINEER

APPROVED
Date 5-11-2001 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\15-850.dgn

PLOT DATE : 21-OCT-2014 11:54

PLOT BY : dotc5s

PLOT NAME : S-850.up

ORG DATE : 12-22-03

Originator : d3

PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

DETECTOR LOGIC

[illegible]

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

BARRIER

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

| TYPE OF INTERCONNECT | |
|----------------------|---|
| NONE | |
| TBC | X |
| CLOSED LOOP | |
| HARDWIRE | |
| TONE (FREQ) | |
| | |
| | |

| TYPE OF PRE-EMPT | |
|-------------------|---|
| NONE | 1 |
| RAILROAD | |
| EMERGENCY VEHICLE | |
| | |
| | |
| | |

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

GENERAL NOTES:

| 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 |

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

UPDATED 8-13-2014

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

SIGNAL NO. 850

CONTROLLER: ECONOLITE

DATE: 8-13-2013

SHEET NO. 2 OF 2

STATE PROJECT NUMBER: 4140-27-60

HWY: STH 42/57

COUNTY: DOOR

SEQUENCE OF OPERATIONS S- 850

SHEET NO:

E