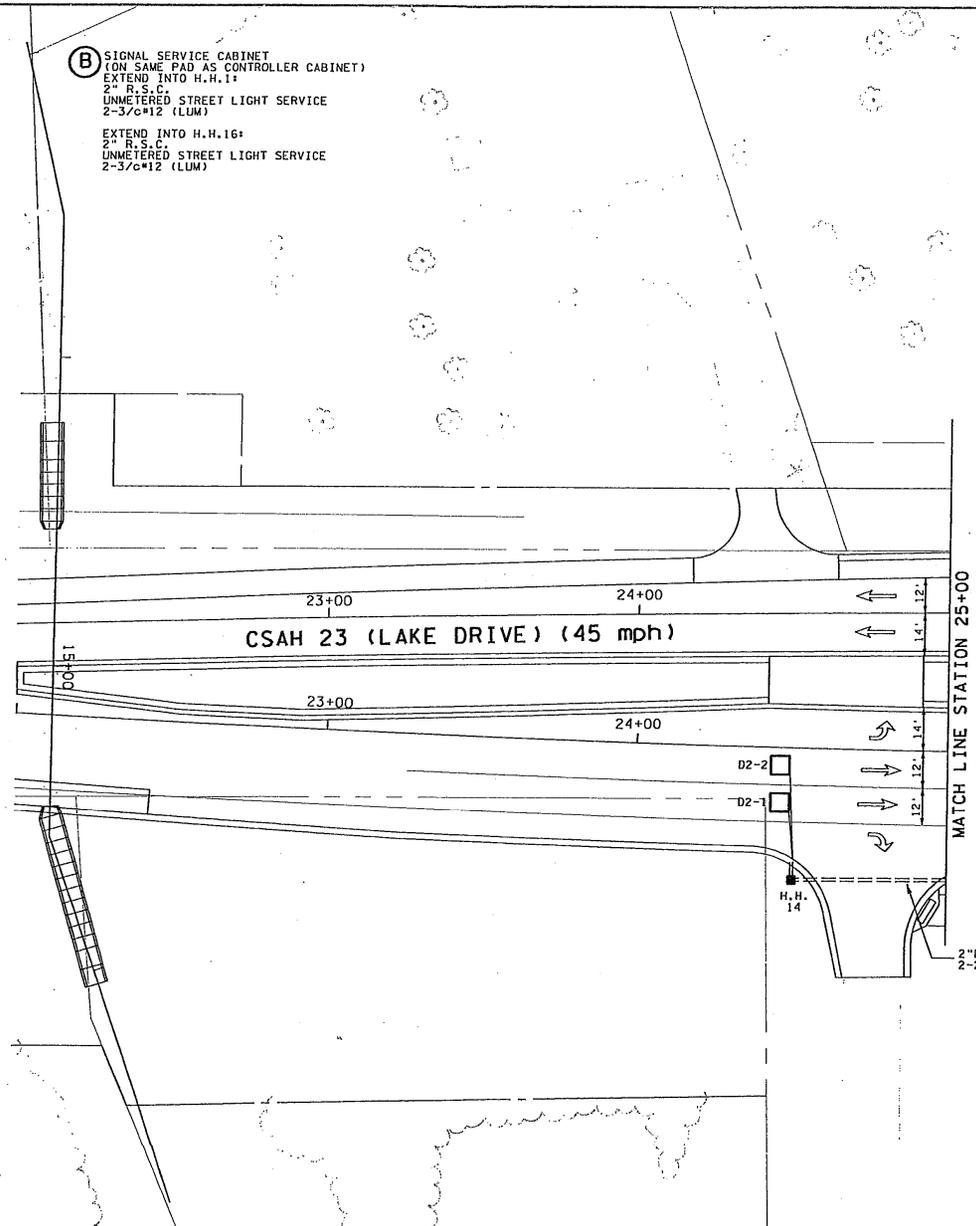
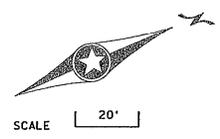




7195

- (A) INSTALL CONTROLLER AND CABINET (FURNISHED BY COUNTY)**
  - INSTALL MASTER CONTROLLER (FURNISHED BY COUNTY)
  - EQUIPMENT PAD FOUNDATION
  - EXTEND INTO SERVICE CABINET:
  - METERED SIGNAL SERVICE
  - 2" R.S.C.
  - 3-1/c#6
  - EXTEND INTO H.H.1:
  - 4" R.S.C.
  - 3-12/c#12
  - 3-12/c#12
  - 2-3/c#12
  - 1-3/c#20
  - 3-2/c#14
  - EXTEND INTO H.H.16:
  - 4" R.S.C.
  - 3-12/c#12
  - 2-3/c#12
  - 2-3/c#20
  - 5-2/c#14
  - 4" R.S.C.
  - 2-12/c#12
  - 3-3/c#12
  - 1-3/c#20
  - 4-2/c#14
  - 2" R.S.C.
  - 2-12/c#12
  - 3-3/c#12
  - 1-3/c#20
  - 4-2/c#14
  - 1-6/c FIBER-OPTIC CABLE (INTERCONNECT)
- STUB OUT 2-3" R.S.C. FROM CABINET TO NORTH (THREAD AND CAP BOTH ENDS-FOR FUTURE USE)
- STUB OUT 1-1" N.W.C. FROM CABINET (CONTRACTOR SHALL COORDINATE INSTALLATION OF PHONE LINE WITH LOCAL TELEPHONE COMPANY ON BEHALF OF CITY OF LIND LAKE - INCIDENTAL)

- (B) SIGNAL SERVICE CABINET (ON SAME PAD AS CONTROLLER CABINET)**
- EXTEND INTO H.H.1:
- 2" R.S.C.
- UNMETERED STREET LIGHT SERVICE
- 2-3/c#12 (LUM)
- EXTEND INTO H.H.16:
- 2" R.S.C.
- UNMETERED STREET LIGHT SERVICE
- 2-3/c#12 (LUM)



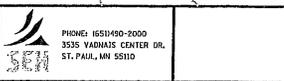
**FINAL PLAN**  
CONFORMING TO  
CONST. RECORDS  
DATE JMG, 07-07-10

14:00 PM 7/26/2010 S:\KCA\lincoln\26550\plans\signals\recrd\_dwg\lps\lno0505 Co Rev.s\lcb\_r.dwg\p4four

DESIGN TEAM	NO.	BY	DATE	REVISIONS
DRAWN BY: BDF	1	JMG	5/30/06	ADDED EB RT LANE
DESIGNER: JMG	2	JMG	7/25/06	REVISED TO COUNTY STDS
CHECKED BY: JMG	3	JMG	11/21/06	STATE COMMENTS
	4	JMG	1/9/07	COUNTY COMMENTS

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Certified By: *[Signature]* Lic. No. 22457  
Printed Name: JOHN M. GRAY Date: 1/9/2007



MINNESOTA DEPARTMENT OF TRANSPORTATION  
STATE PROJ. NO. 0280-55 (TH 35W)  
STATE AID PROJ. NO. 02-623-13 & 210-020-04  
C.S.A.H. 23 (LAKE DRIVE)

**TRAFFIC SIGNAL SYSTEM "A"**  
**INTERSECTION LAYOUT**  
CSAH 23 (LAKE DRIVE) AT TOWN CENTER PARKWAY

FILE NO. ALINOL0505.00	131
SC8 OF SC8	198

7195

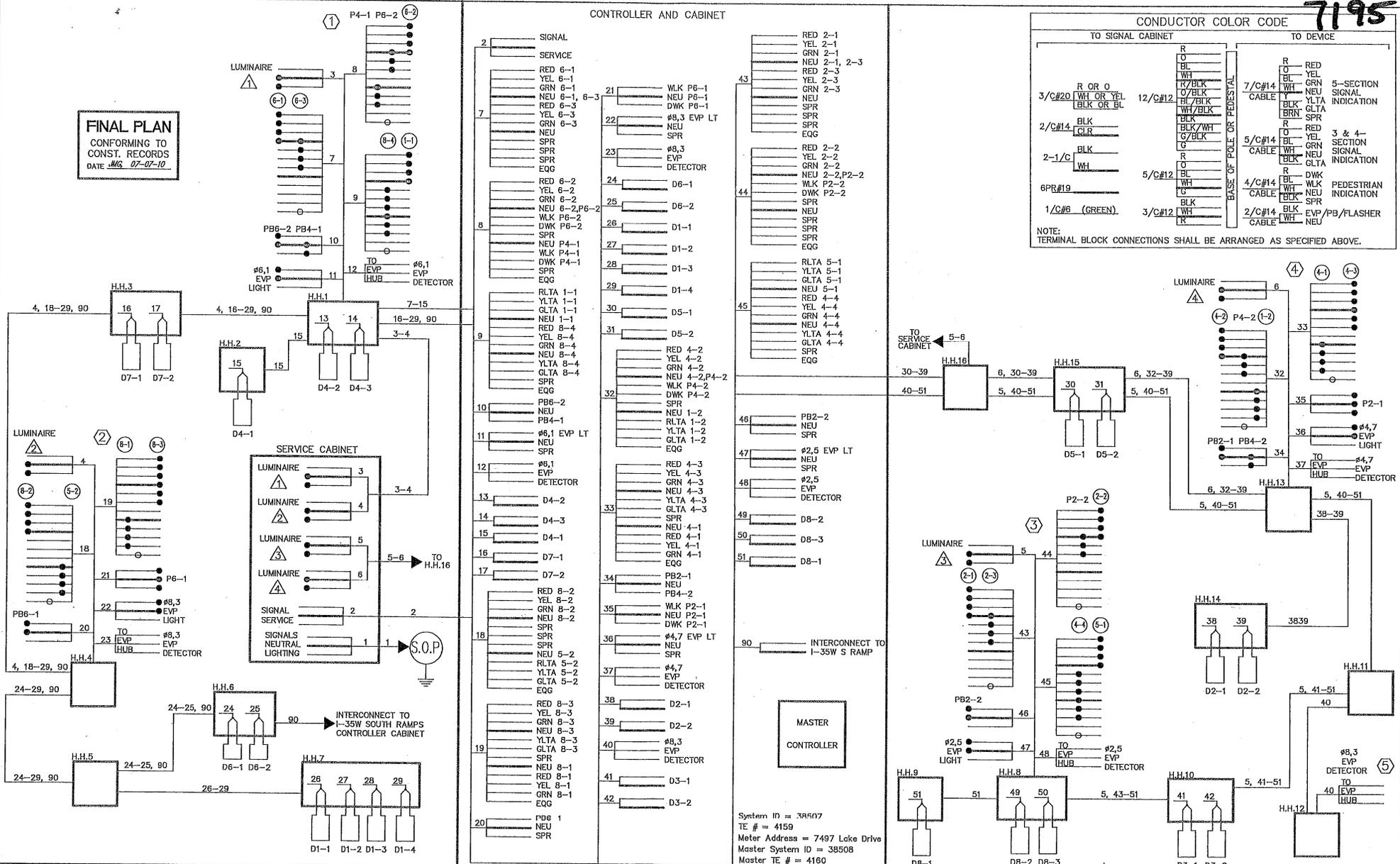
**FINAL PLAN**  
CONFORMING TO  
CONST. RECORDS  
DATE JMG 07-07-10

CONTROLLER AND CABINET

CONDUCTOR COLOR CODE

TO SIGNAL CABINET		TO DEVICE	
R OR O	R	R	RED
3/C#20 [WH OR YEL BLK OR BL]	BL	BL	GRN
	WH	WH	NEU
	TR/BLK	TR	5-SECTION SIGNAL INDICATION
	O/BLK	Y	GLTA
	BL/BLK	Y	GLTA
	WH/BLK	BRN	RED
	BLK	R	3 & 4- SECTION SIGNAL INDICATION
2/C#14	BLK	O	YEL
	CLR	G	GRN
		C	GLTA
2-1/C	WH	R	DWK
		BL	WLK
		BLK	PEDESTRIAN INDICATION
		Y	NEU
		G	SPR
		BLK	EVP/PB/FLASHER
		TR	NEU
5/C#12	O		
	BL		
	TR		
	Y		
	BLK		
4/C#14	BL		
	WH		
	Y		
	BLK		
1/C#6 (GREEN)	TR		
	Y		
	BLK		
	TR		

NOTE: TERMINAL BLOCK CONNECTIONS SHALL BE ARRANGED AS SPECIFIED ABOVE.



S:\VOL\UNID\050500\PLANS\TS\ SIGNALS\SCHWAB-REC.DWG

NO.	BY	DATE	REVISIONS
1	JMG	6/30/06	ADDED EB RT LANE
2	JMG	7/24/06	REVISED TO COUNTY STD.
3	JMG	11/21/06	STATE COMMENTS
4	JMG	1/09/07	COUNTY COMMENTS

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
 Certified By: *[Signature]* Lic. No. 22457  
 Printed Name: JOHN M. GRAY Date: 08/24/10



MINNESOTA DEPARTMENT OF TRANSPORTATION  
 STATE PROJ. NO. 0280-55  
 STATE AID PROJ. NO. 02-623-13 & 210-020-04  
 C.S.A.H. 23 (LAKE DRIVE)

TRAFFIC SIGNAL SYSTEM "A"  
 FIELD WIRING DIAGRAM  
 LAKE DRIVE (CSAH 23) AT TOWN CENTER PKWY

FILE NO. 132  
 ALIN040505.00  
 SC9  
 OF 5018  
 198