

George G. Shattuck  
P.O. Box 680  
Frenchtown, MT 59834



**MILWAUKEE ROAD**

**INTERLOCKING DIAGRAM BOOK: 1900-31**

1	ALBERT LIA	37	CAROLINA	109
2	ANTONY	36	LINDSEY AVE.	110
3	ARMON	16		MARTINS
4	AASHAAN	40	CLYBURN PLACE	112
5	AUSTIN	41	CLYBURN JCT.	HARTLEY
6	A-13, MORTON GRV.	42	CONE	HEBBON
7	A-2, WESTERN AVE.	43	COUNCIL BLUFFS	
8	A-3, ROCKWELL ST.	44	CRAGIN	
9	A-4, CHICAGO	45	COUNCIL BLF. (UP)	
10	A-68, FRANKSVILLE	46	C-90, PORTAGE DW	HOLCOMB
11	A-23, DEFERFIELD	47	C-92, PORTAGE YD	HUSON
12	ABERDEEN, SD/WA	48	CULVER	HOFFMAN AVE.
13	*	49	CHEHALIS	HOPKINS
14	ARGO	50	CLINTON JCT.	120
15	*	51	CENTRALIA	121
16	BARDWELL	52	*	*
17	BAY VIEW	53	*	FULLERTON AVE.
18	BELMONT AVE-CHGO	54	DAVENPORT	122
19	BIRMINGHAM	55	DE WITT	HOWE
20	BROWNS	56	DIVISION ST-CHGO	
21	BURNHAM'S SLIP	57	DUPLAINVILLE	
22	BYRON	58	DIVISION ST-STPL	
23	BENSENVILLE	59	DRYAD	
24	BEVERLY	60	DRUMMOND	
25	*	61	*	
26	B-12, FRNKLN PK.	62	*	
27	BLACK RIVER	63	*	
28	BURLINGTON	64	*	
29	BLACK RIVER JCT.	65	*	
30	*	66	EAST BOTTOMS	
31	*	67	EAU CLAIRE	
32	*	68	EBNER	
33	*	69	ELBERON	
34	*	70	EMPIRE	
35	CAMP DOUGLAS	71	EAST SPOKANE	
36	CAPRON	72	*	

\* = retired, or never existed.

73			109	
74			110	
75			111	MARTINS
76			112	HARTLEY
77	*		113	HEBBON
78	*		114	HERNDON
79	FAIRMONT		115	HILBERT JCT.
80	FONDA		116	HOLMES CROSSING
81	FOND DU LAC		117	HOLCOMB
82	FOX LAKE D-BRDG		118	HUSON
83	FLAG CENTER		119	HOFFMAN AVE.
84	FOX RIVER -ELGIN		120	HOPKINS
85	FULLERTON AVE.		121	*
86	FULTON		122	HOWE
87	*		123	*
88	FARGO		124	*
89	*		125	INDIANA ST.-CHGO
90	*		126	*
91	*		127	*
92	*		128	*
93	*		129	*
94	*		130	*
95	*		131	JEFFERSON
96	*		132	*
97	*		133	*
98	GALEWOOD		134	*
99	GRAND AVE. -MILW		135	*
100	GRAND CROSSING		136	*
101	GRAYS LAKE		137	EAST KINGSTON
102	GREEN ISLAND		138	KINNICKINNICK DW
103	GATLIFF		139	KINZIE ST. DW
104	GROTON		140	KITTREDGE
105	GRANITE FALLS		141	KIRKLAND
106	*		142	*
107	*		143	*
108	*		144	*

\* = retired, or never existed.

145	181
146	182
147	183
148	184
149	185 NEW HAMPTON
150	186 LINBY
151	187 LINCOLN AVE.
152	188 LOHRVILLE
153	189 LANARK
154	190 LAKAVILLE
155	191 NORWOOD
156	192 NORMANT
157	193
158	194
159	195
160	196
161	197 MADISON
162	198 MARATHON
163	199 MASON CITY
164	200 MARION BEND
165	201 MANKATO
166	202 MARSHALL
167	203 MEDARY
168	204 MENOMONEE DR.
169	205 MENDOTA
170	206 MIDLAND KING
171	207 MISSISSIPPI KING
172	208 MONONA YARD
173	209 MORAVIA
174	210 MONTGOMERY
175	211 MONTGOMERY, IDAHO
176	212 MONTPELIER
177	213 MONTROSE MONT.
178	214 MONTREAL DU CHIEN
179	215 MONTROSE
180	216

217	253 SYMWARD
218	254 SYLVAN
219	255 SINCLAIR
220	256 SAPPINGTON
221	257 SOUTH FULTON
222	258 SCATTER (Colo. St.)
223	259 RACINE UCT.
224	260 RANNEY
225	261 REPUBLIC
226	262 ROCK RIVER
227	263 ROCKWELL CITY
228	264 ROUNDOUT
229	265 ROCKFORD ISLAND
230	266 RIVER UCT.
231	267 RINGER
232	268 ROCKPORT-ISLAND
233	269 ROMULUS
234	270 ROMY
235	271
236	272
237	273
238	274 SABALA RIDGE
239	275 SARGENTS BLUFF
240	276 SILVER BOW
241	277 SAVANNA KING
242	278 SEYMOUR
243	279
244	280 SHORTLINE BAUDL
245	281 SIDNAW
246	282 SLATER
247	283 SHURBURN
248	284 SOUTH MAYFAIR
249	285 SPAULDING
250	286 SPENCER
251	287 ST. CROIX UCT.
252	288 ST. PETER UCT.

289	
290	
291	
292	-
293	
294	
295	WABEK
296	WASHINGTON
297	WASHINGTON ST.
298	MARREN ST-OSKOSH
299	WEBB
300	WHEATLAND
301	WOODRUFF
302	WINONA
303	WILLOW
304	WADSWORTH
305	MILWAUKEE CUT OFF
306	
307	WAHRETTON

Other interlockings included, but not shown on Alphabetical Index:

162	MOSEBY JCT.
???	MENASHA - SIGNAL CIRCUITS
176	MINNETONKA
234	ROCHELLE
235	ROCKFORD
243	SPRING HILL
269	TECHNY
18	BELT JCT. - TERRE HAUTE

U

## C. &amp; C.B. ILL. DIV.

4	MICHIGAN	140	KITTREDGE
22	BYRON	141	KIRKLAND
23	BENSENVILLE	153	LAWARK
26	B-12, FRANKLIN PK		
54	DAVENPORT	212	PLUM RIVER
68	EBNER		
84	FOX RIVER, ELGIN	241	SAVANNA XING
86	FULTON	249	SCHAULDING
98	GALEWOOD		
137	KINGSTON		

## C. &amp; C.B. IA. DIV.

20	BROWNS	198	OMAHA, TOWER A
43	COUNCIL BLUFFS	211	PARALTA
45	COUNCIL BLUFFS		
55	DE WITT	238	SABULIA
69	ELBERON	246	SLITER
102	GREEN ISLAND	265	TAMA
114	HERNDON		
164	MARION	300	WHEATLAND
188	NEOLA		

C. & N. & R. & S. W. DIVS.

C. & N. DIV.	R. & S. W. DIV.
226 ROCK RIVER	7 A-2, WESTERN AV. 139 KINZIE ST.
228 RONDOUT	8 A-3, ROCKWELL ST.
	9 A-4, FRANKLIN BLVD.
10 A-6B, FRANKSVILLE	
11 A-23, DEERFIELD	
16 BARDWELL	248 SOUTH MAYFAIR
304 MADISON	
82 FOX LAKE	R. & S.W. DIV.
28 BURLINGTON	38 CHICAGO AVE. 189 NORTH AVE.
101 GRAYS LAKE	40 CLYBURN PL.
	41 CLYBURN JCT.
50 CLINTON JCT.	
113 HEBRON	44 CRAGIN 210 A-5, PACIFIC JCT.
103 GATLIFF	
149 LAKE	56 DIVISION ST.
223 RACINE JCT.	
166 MAYFAIR	85 FULLERTON AVE.
229 ROCKFORD	
232 ROCKFORD, 15 <sup>th</sup> AV.	
303 WILLOW	125 INDIANA ST.
224 RANNER	

CHICAGO TERMINALS

7 A-2, WESTERN AV. 139 KINZIE ST.	
8 A-3, ROCKWELL ST.	
9 A-4, FRANKLIN BLVD.	
10 A-6B, FRANKSVILLE	
11 A-23, DEERFIELD	
16 BARDWELL	248 SOUTH MAYFAIR
304 MADISON	
82 FOX LAKE	R. & S.W. DIV.
28 BURLINGTON	38 CHICAGO AVE. 189 NORTH AVE.
101 GRAYS LAKE	40 CLYBURN PL.
	41 CLYBURN JCT.
50 CLINTON JCT.	
113 HEBRON	44 CRAGIN 210 A-5, PACIFIC JCT.
103 GATLIFF	
149 LAKE	56 DIVISION ST.
223 RACINE JCT.	
166 MAYFAIR	85 FULLERTON AVE.
229 ROCKFORD	
232 ROCKFORD, 15 <sup>th</sup> AV.	
303 WILLOW	125 INDIANA ST.
224 RANNER	

H.&D. & S.M. DIVS. & T.C. TMLS.

H.&D. DIV.	S.M. DIV.
12 ABERDEEN	1 ALBERT LEA
	79 FAIRMONT
	9 BIRMINGHAM
88 FARGO	165 MANKATO
104 GROTON	105 GRANITE FALLS
120 HOPKINS	247 SHERBURN
	7 R.C. TMLS.
	58 DIVISION ST.
154 LAKEVILLE	119 HOFFMAN AVE.
	150 LINBY
	173 MORAVIA
130 NORWOOD	187 NEWPORT
	203 OAKLAND
	244 SHORT LINE BRIDGE
307 WAHPETON	276 UNIVERSITY AVE.
	296 WASHINGTON

K.C., D.M., S.C.&D. & R.&S. DIVS.

K.C. DIV.	D.M. DIV.
	80 FONDA
	131 JEFFERSON
24 BEVERLY	152 LOHRVILLE
	162 MARATHON
42 CONE	227 ROCKWELL CITY
48 CULVER	299 MEAD
66 EAST BOTTOMS	S.C & D. DIV.
	3 ARION
150 LINBY	239 SARGENTS BLUFF
	277 UTE
192 NAHANT	
201 OTTUMWA	R.& S. DIV.
242 SEYMOUR	169 MENDOTA
	253 STEWARD JCT.

W

## LINES WEST OF MOBRIDGE

LIN.	MILES.	STATION	LINE.
14	ARGO, WASH.	231	ROCKER
		233	ROUNDALE
27	BLACK RIVER JCT.	240	SILVER BOW
29	BLACK RIVER JCT.		
49	CHEHALIS	255	SINCLAIR
51	CENTRALIA WASH	256	SAPPINGTON
		258	SEATTLE
59	DRYAD		
60	DRUMMOND MONT.		
71	EAST SHILOHANE		
59	GRAND ALB.		
59	GRAND CROSSES	100	
59	MEDARY	167	
138	KINNICKINIC D. B.	172	MONONA PARK
			NOR. DIV.
118	HUSON		
168	WENCHEE D. B.	31	FOND DU LAC
		170	MIDLAND XING
175	MC GUIRES	200	OSHKOSH
207	HARSHING ST.		
305	W. MILW. CUT-OFF	298	WARREN ST., OSHKOSH
213	PIEDMONT MONT.		

## MIL. TMS., LAX. &amp; NOR. DIVS.

## MIL. TMS.

## LAX. DIV.

35 CHAMPION (4445)

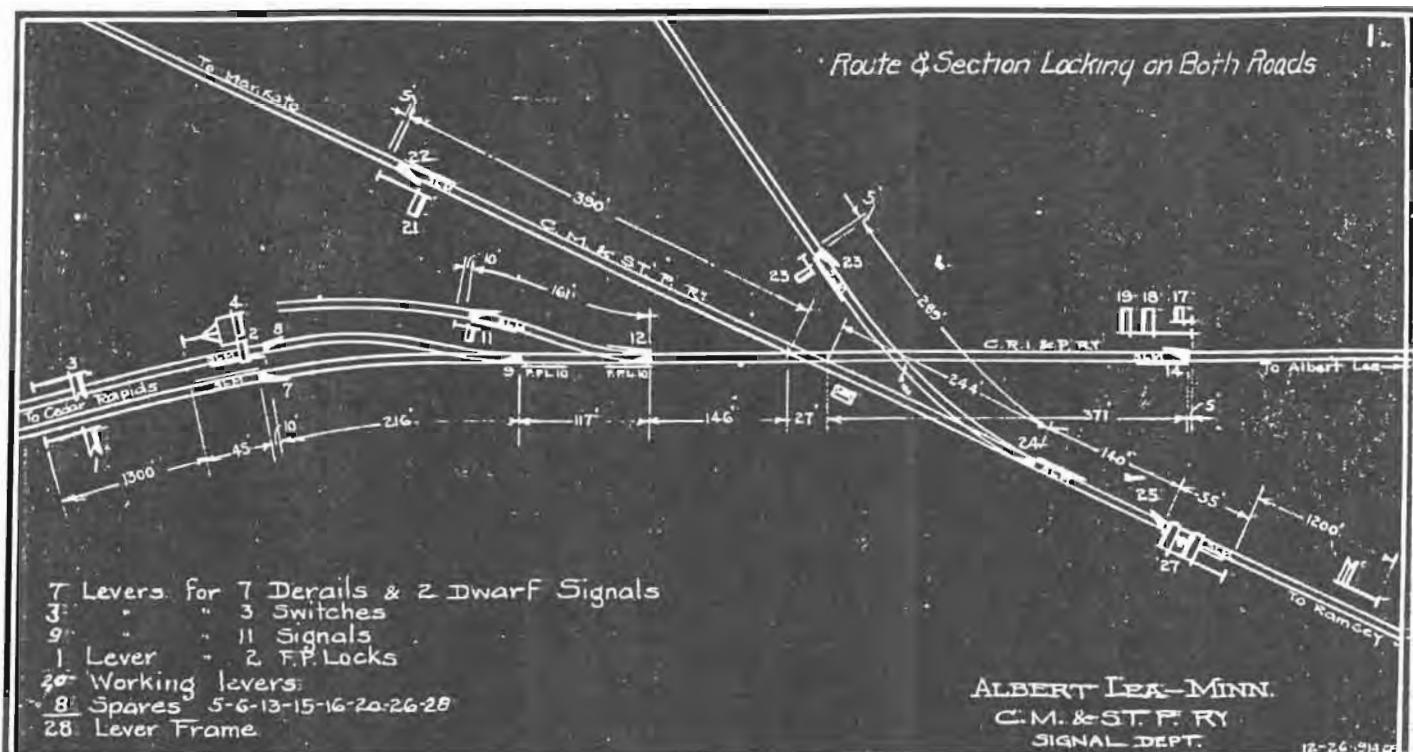
C 30, FORTAGE DIV.

C-92, FORTAGE HARO

57 OUTAWAHLIE

R.D.C., M.R., W.W., & SUP. DIVS.	RIVER DIV.	I. & M. DIV.
R.D.C. DIV.	SUP. DIV.	
2	ANTOINE	
161	MADISON	
214	LA PRAIRIE DU CHIEN	
115	HILBERT JCT.	
116	HOLMES JCT.	
M.P. DIV.		
191	NORWAY	
171	MISSISSIPPI XING	
225	REPUBLIC	
W.W. DIV.		
245	SIDNAW	
268	TOMAH	
235	WABIK	
286	KALLER JCT.	
301	WOODRUFF	

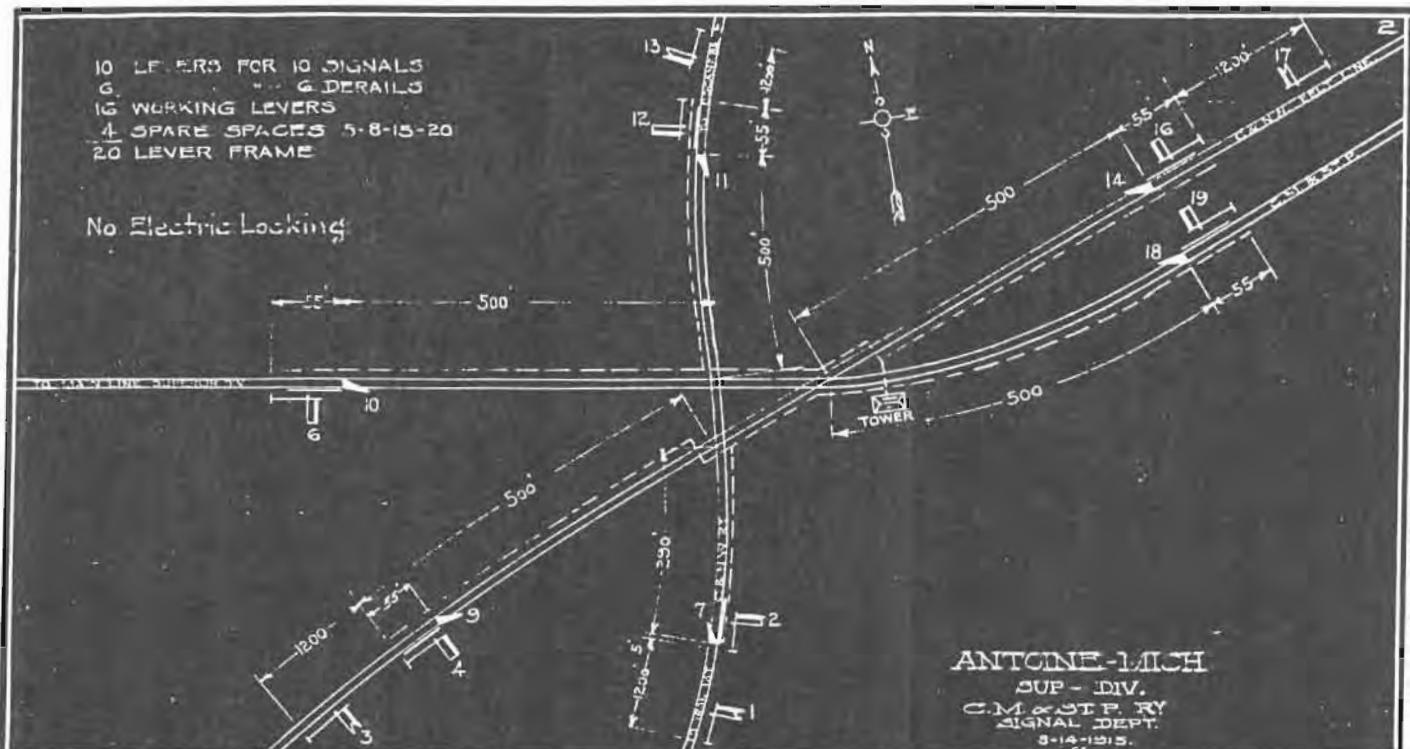
RIVER , I. & M. & I.&D. DIVS.	RIVER DIV.	I. & M. DIV.
5	AUSTIN	
37	CAROLINE	
67	EAU CLAIRE	
70	EMPIRE	174 MONTGOMERY
111	HASTINGS O. B.	266 TAOPAI
I. & D. DIV.		
230	RIVER JCT.	112 HARTLEY
257	ST. CROIX JCT.	163 MASON CITY
252	ST. PETER JCT.	185 NEW HAMPTON
267	TREVINO	
302	WINONA	250 SPENCER



REV. 1915

ALBERT LEA INTERLOCKING	
CM & ST P RY CROSSING CRI & P RY	
DATE OF CONTRACT	AGREEMENT BY CONTRACT
JAN. 6-02	CM & ST P RY CRI & P RY 100%
DATE PLANT PUT IN SERVICE	INSTALLATION OWNERSHIP
SEPT. 21-01	CM & ST P RY CRI & P RY 100%
DATE OF STATE COM. PERMIT	MAINTENANCE
SEPT. 20-01	CM & ST P RY CRI & P RY 100%
PLANT BUILT BY	OPERATION
U.S. E&S CO.	CM & ST P RY CRI & P RY 100%
REPAIRING	
CRI & P RY	

REV. 1915



REV. 1915

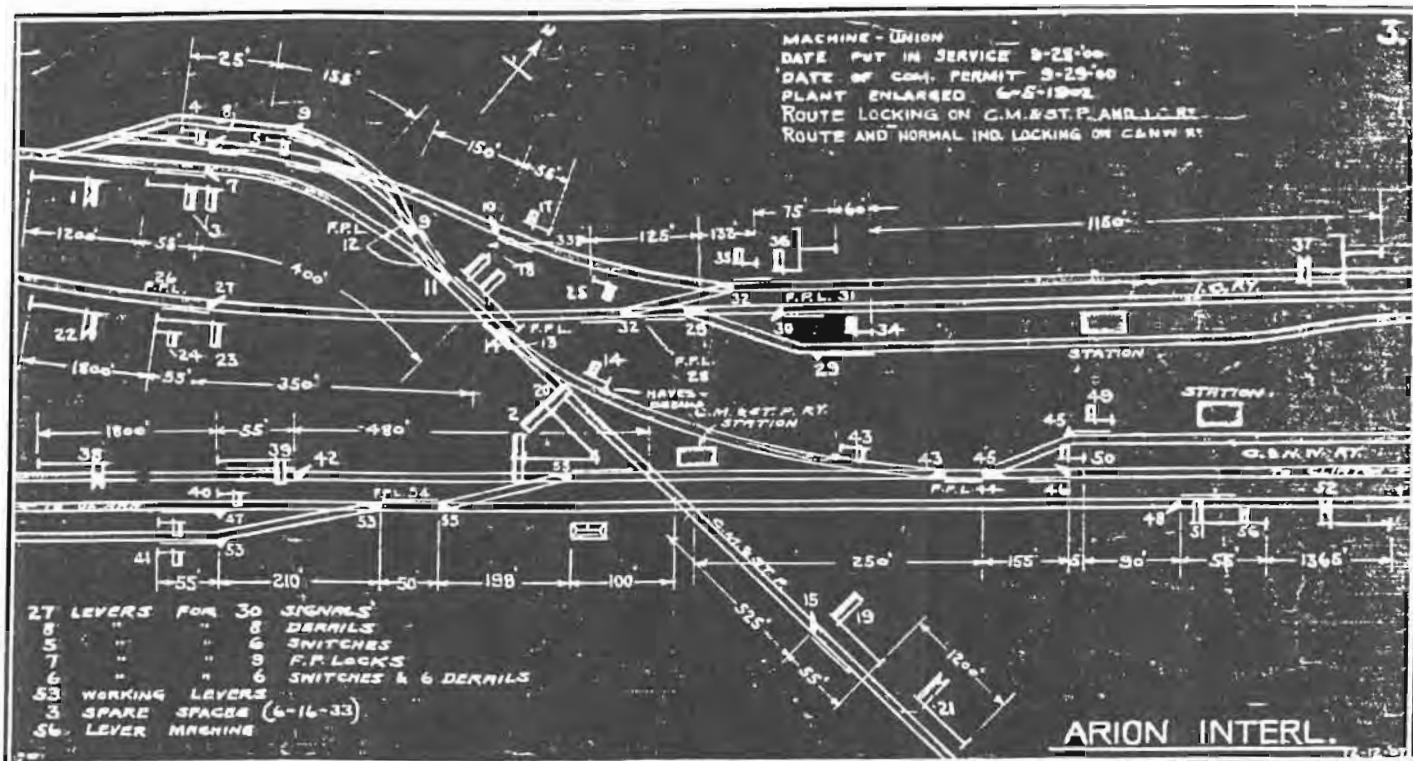
2A

### ANTOINE INTERLOCKING

C.M. & ST.P. RY CROSSING C & NW RY

<b>DATE OF CONTRACT</b>	<b>AGREEMENT BY CONTRACT</b>
APRIL-12-1901.	
<b>DATE PLANT PUT IN SERVICE</b>	<b>INSTALLATION OWNERSHIP</b>
DEC-6-1901	CM & ST.P. RY 100%
<b>DATE OF STATE COM. PERMIT</b>	Maintenance
	CM & ST.P. 50% C&N.W. 50%
<b>PLANT BUILT BY</b>	Operation
U.S. & S.CO.	CM & ST.P. 50% C&N.W. 50%
	Repairing
	CM & ST.P. RY

REV. 1915



REV. 1915

3-A

### ARION A.

### C.M. & S.T.P.R.Y. CROSSING C.N.W.R.Y. AND I.C.R.Y.

#### DATE OF CONTRACT

JULY 1-1899

#### AGREEMENT BY CONTRACT

INSTALLATION	{	C.M. & S.T.P. 16.3%
		C. & N.W. 20.5%
		I.C. 53.2%

OWNERSHIP	{	C.M. & S.T.P. 15.93%
		C. & N.W. 23.66%
		I.C. 60.41%

MAINTENANCE	{	C.M. & S.T.P. 15.93%
		C. & N.W. 23.66%
		I.C. 60.41%

OPERATION	{	C.M. & S.T.P. \$30.00
		I.C. \$30.00
		BALANCE 33.5% EACH COMPANY
		C.M. & S.T.P. PAYS THIRD TRICK TELEGRAPHERS WAGES

REPAIRING	{	C. & N.W.
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REV. 1921

# AUSTIN INTERLOCKING

C. M. & S.P. RY. CROSSING C.G.W.RY.

DATE OF CONTRACT

3-1-1900

DATE PLANT PUT IN SERVICE

7-20-01.

DATE OF STATE COM. PERMIT

7-19-01.

BUILT BY C.G.W.RY.

COST COMPLETE # A-430

AGREEMENT BY CONTRACT

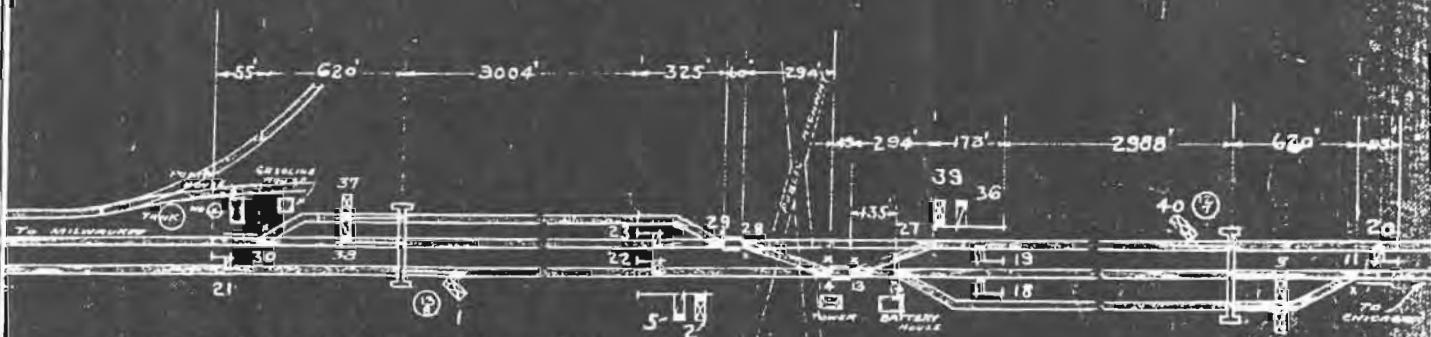
Maintenance and Ownership	C.G.W.RY. 50% C.M. & S.P.RY. 50%
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Operation	C.G.W.RY. 50% C.M. & S.P.RY. 50%
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REPAIRING C.G.W.RY.  
INSPECTION A JOINT CHARGE.

REV. 1911

Date Installed 4-9-1905



ELECTRICAL PLNNT.

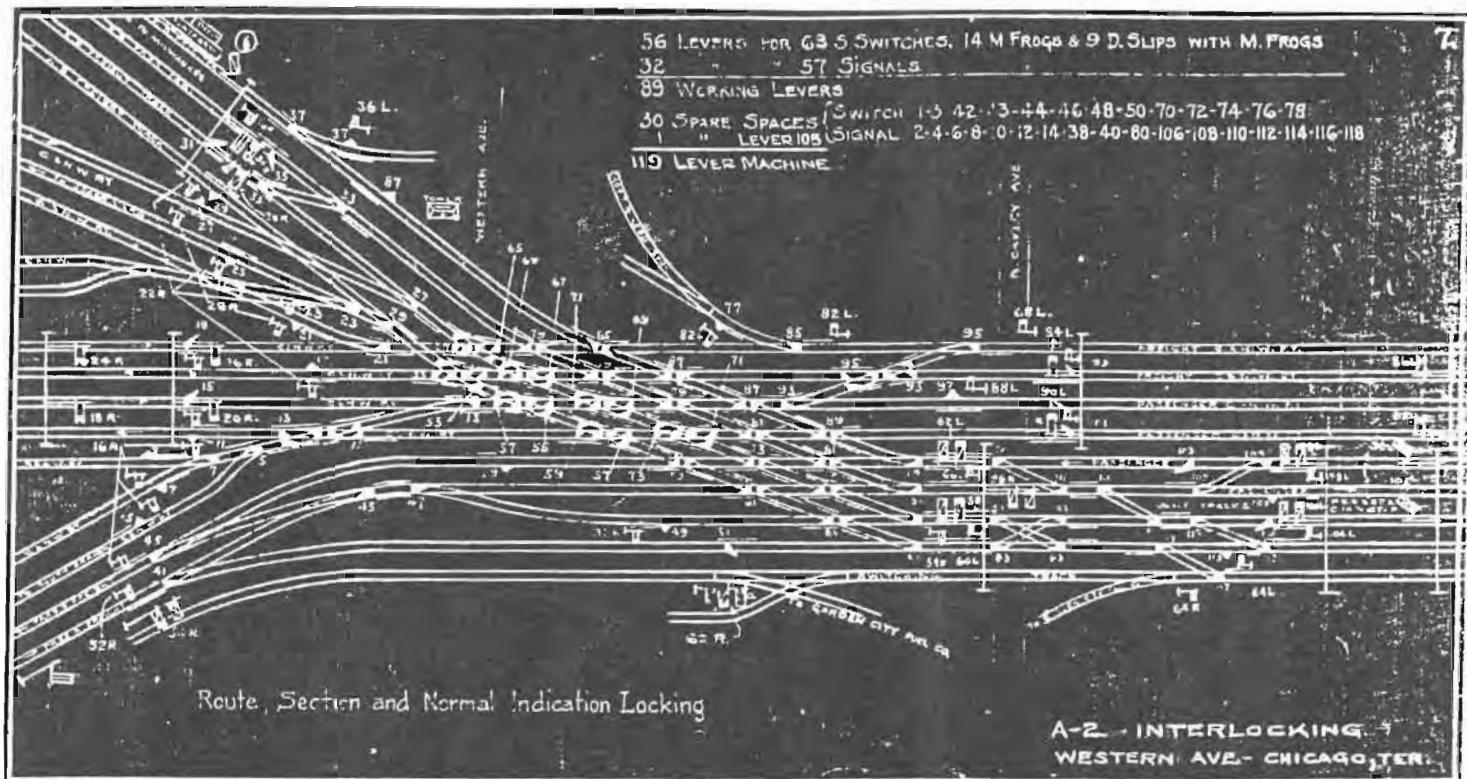
	LEVERS	SPACES	UNITS
HIGH SIGNALS	10	10	10
LOW	6	6	6
SWITCHES & BARS	8	8	16
SPARE	16		
TOTAL	24	40	32

SPARE - 7-9-10-15-16-17-24-25  
26-31-32-33-34-35-6

40 LEVER MACHINE

A-13 INTERLOCKING  
MORTON GROVE

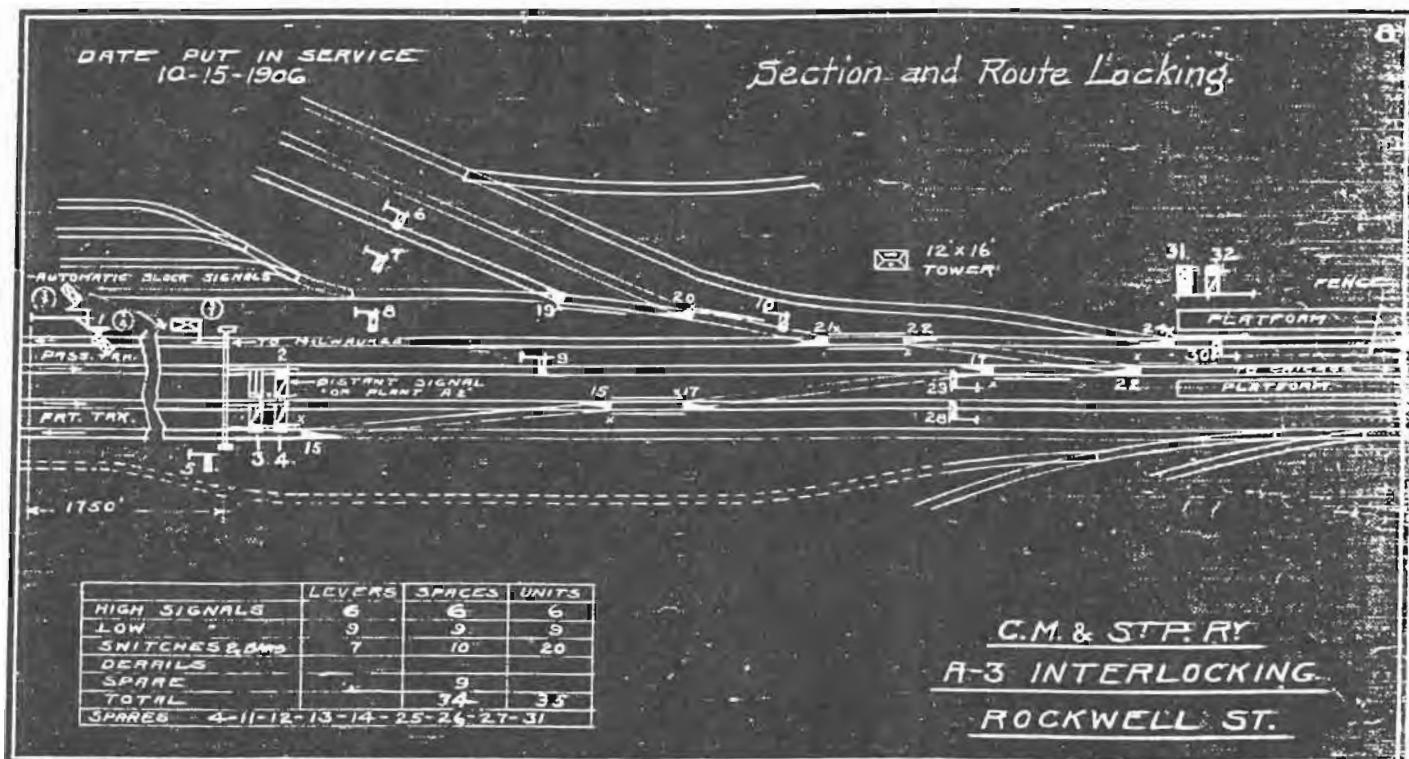
REV. 1917



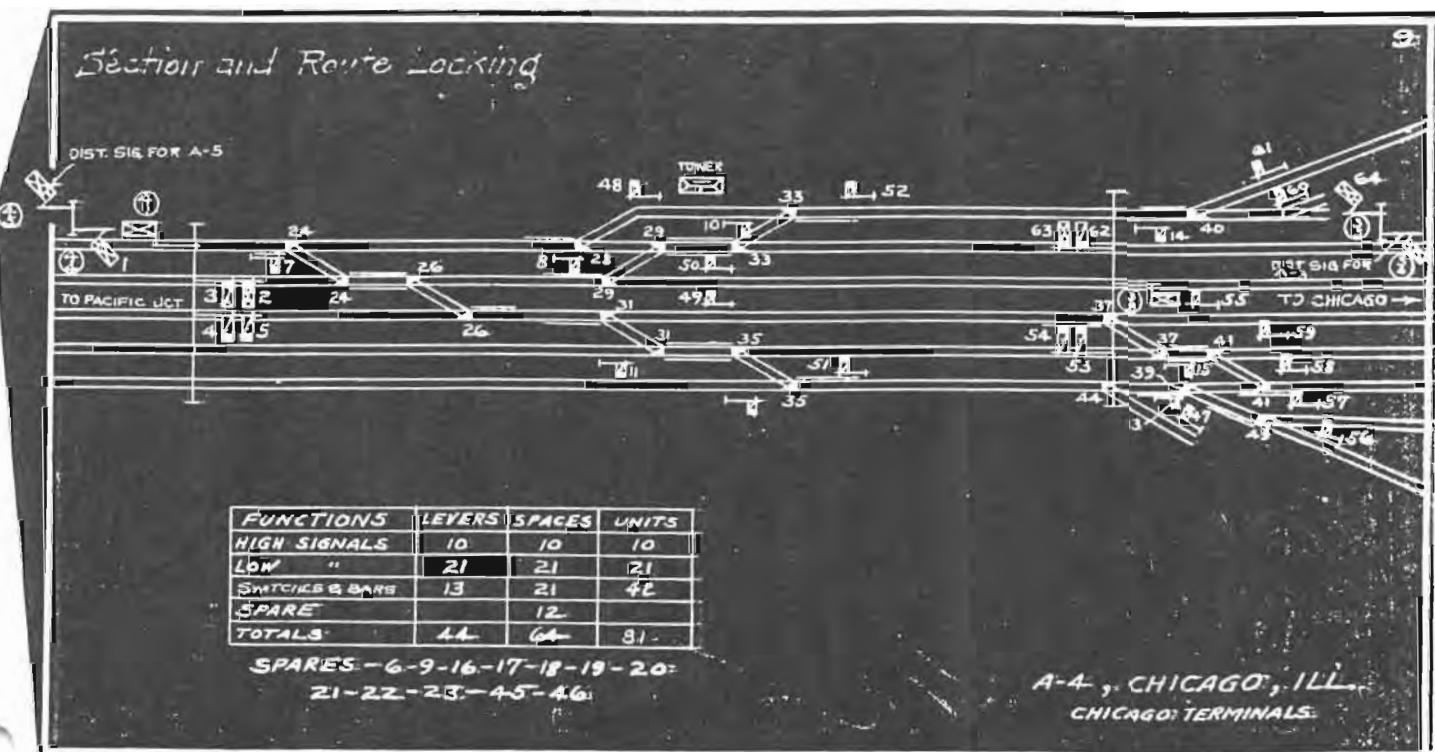
REV. 1927

<u>A-2 INTERLOCKING—CHICAGO, ILL.</u>		<u>7-A</u>
<u>C.M. &amp; ST.P. Ry. CROSSING C. &amp; N.W. AND P.C.C. &amp; ST.L. Ry's.</u>		
<u>DATE OF CONTRACT:</u>	<u>AGREEMENT BY CONTRACT</u>	
MARCH 24, 1904.	<u>INSTALLATION</u>	{ C.M. & ST.P. ----- 34.79% C. & N.W. ----- 47.57% P.C.C. & ST.L. ----- 17.64% Eff 4.10.35
SUP. AGREEMENT—JUNE 1, 1904.		{ C.M. & ST.P. 24.247 23.85% C. & N.W. 44.247 43.53% P.C.C. & ST.L. 6.301 6.20%
<u>DATE PLANT PUT IN SERVICE:</u>		* JOINT { C.M. & ST.P. } 25.405 { P.C.C. & ST.L. } 28.42%
NOVEMBER 3, 1907. MARCH 6, 1911.	<u>MAINTENANCE &amp; OPERATION</u>	
<u>DATE OF STATE COMM. PERMIT:</u>		
<u>BUILT BY:</u> — U.S. & S. CO REBUILT—MARCH 1911.	<u>HANDLING SNOW &amp; ICE</u>	{ C.M. & ST.P. ----- 27.78% C. & N.W. ----- 43.75% P.C.C. & ST.L. ----- 4.17% ◎ JOINT { C.M. & ST.P. } 24.30% { P.C.C. & ST.L. }
* NOTE:—P.C.C. & ST.L. RY. BILLED FOR 32.62% OF COST OF MTCE. & OPERATION, OF WHICH AMT. 26.42% IS REDISTRIBUTED BETWEEN C.M. & ST.P.—P.C.C. & ST.L. RY'S. ON WHEELAGE BASIS.	<u>REPAIRING</u>	— C.M. & ST.P. ----- 100%
NOTE:—P.C.C. & ST.L. RY. BILLED FOR 28.47% OF COST OF HANDLING SNOW & ICE, OF WHICH AMT. 24.30% IS REDISTRIBUTED BETWEEN C.M. & ST.P.—P.C.C. & ST.L. RY'S. ON WHEELAGE BASIS.	NOTE:—C. & N.W. PAYS FOR INSTALLATION CROFT & REED SPUR-3 UNITS SEPARATELY.	

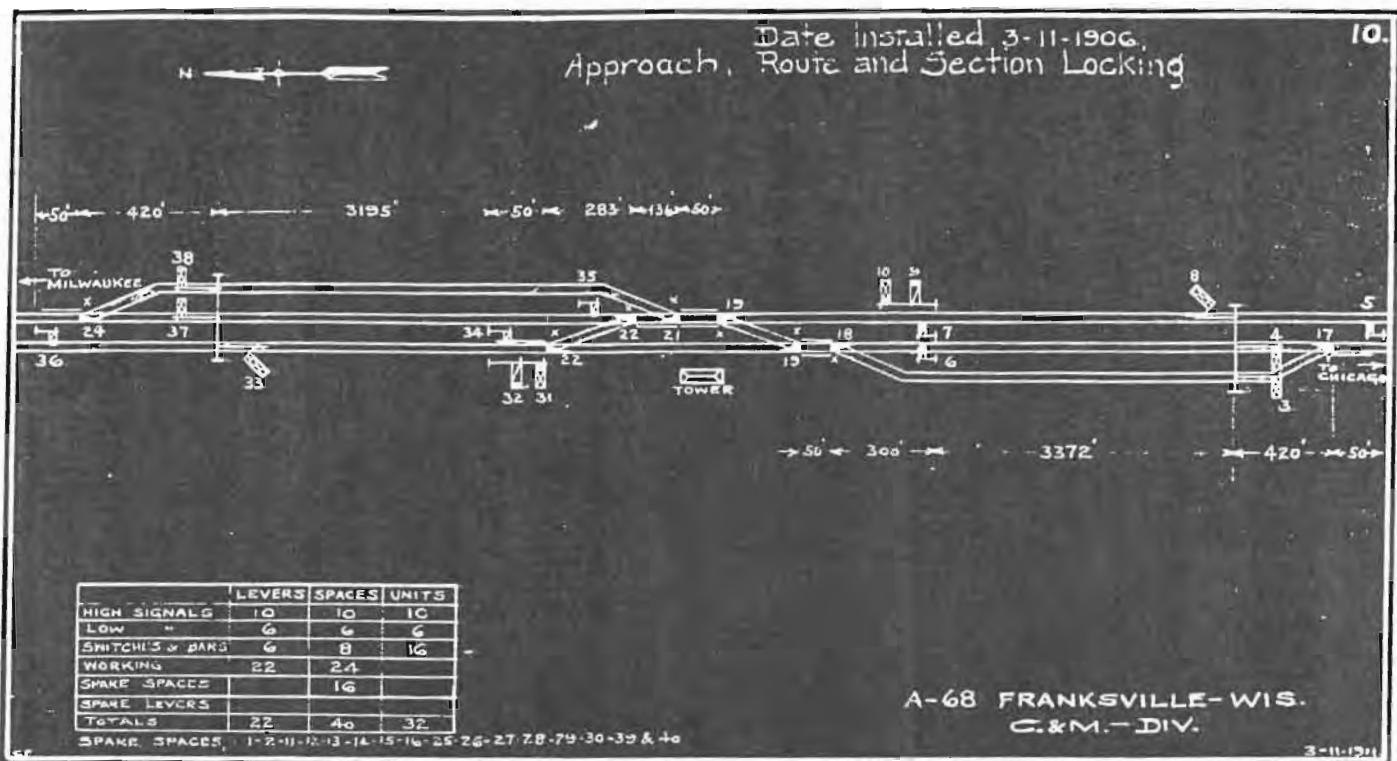
REV. 1927



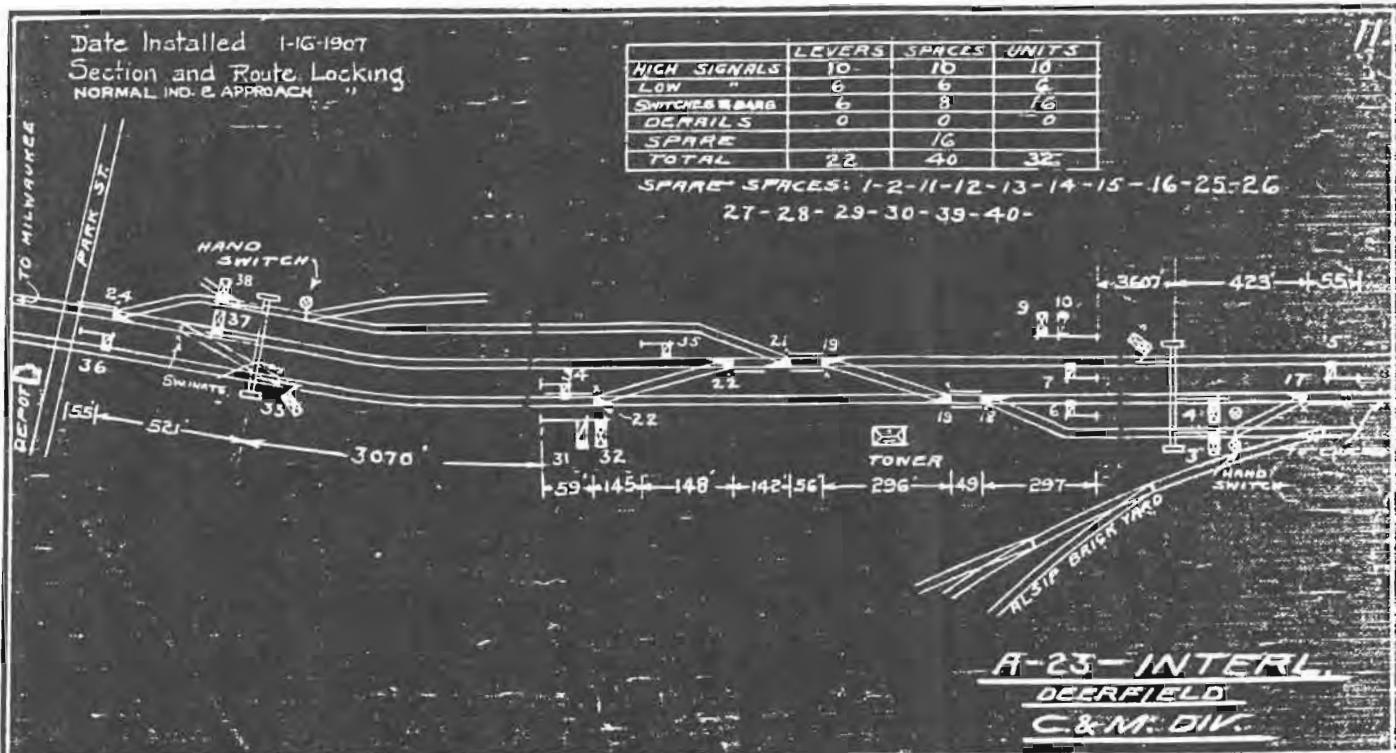
REV. 1917



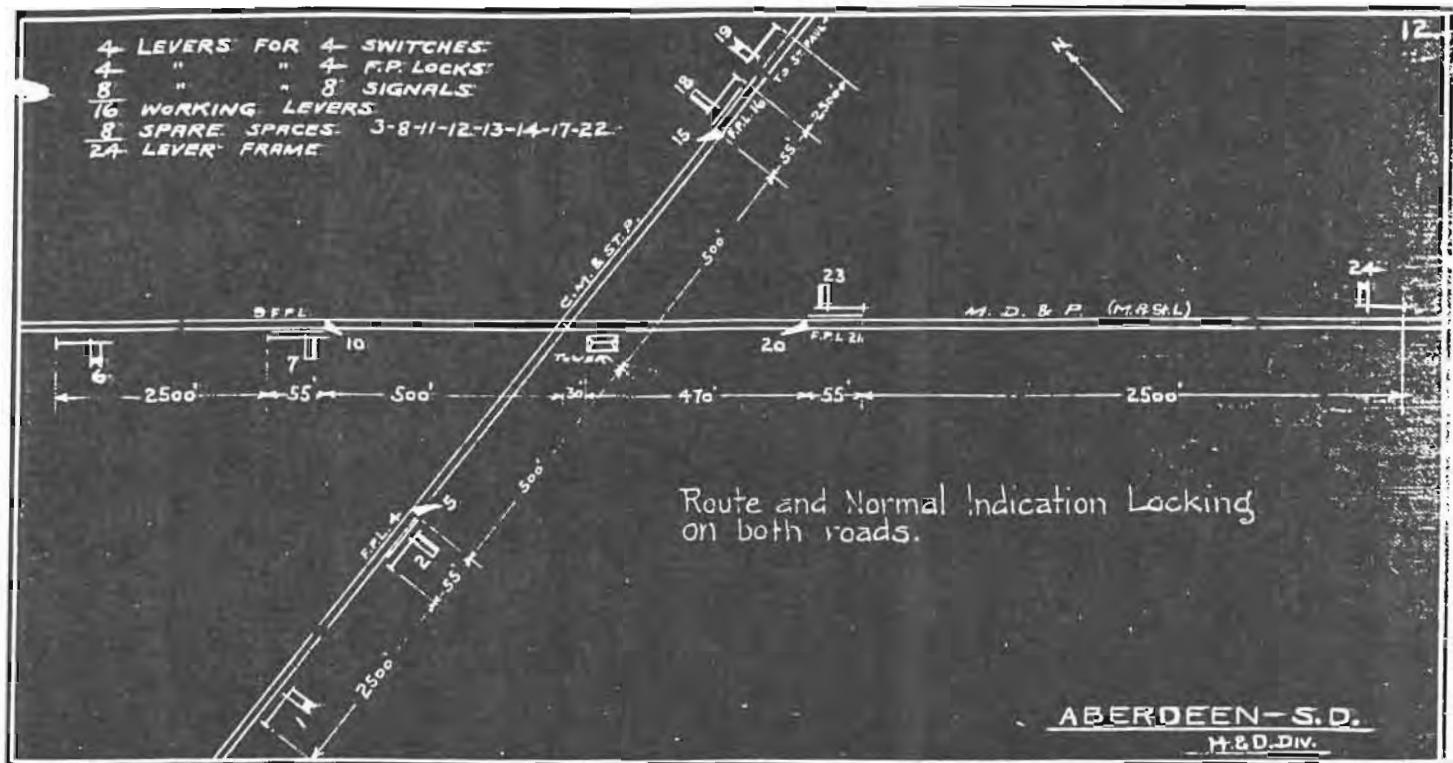
REV. 1917



REV. 1917



REV. 1917



REV. 1915

12-A

ABERDEEN INTERLOCKINGC.M. & ST.P.RY CROSSING M. D. & P. RYDATE OF CONTRACT

JULY - 2 - 1906

AGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICE

DEC - 14 - 1906

INSTALLATION AND OWNERSHIP

M.D.&amp;P. 100%

DATE OF STATE COM. PERMITMAINTENANCE

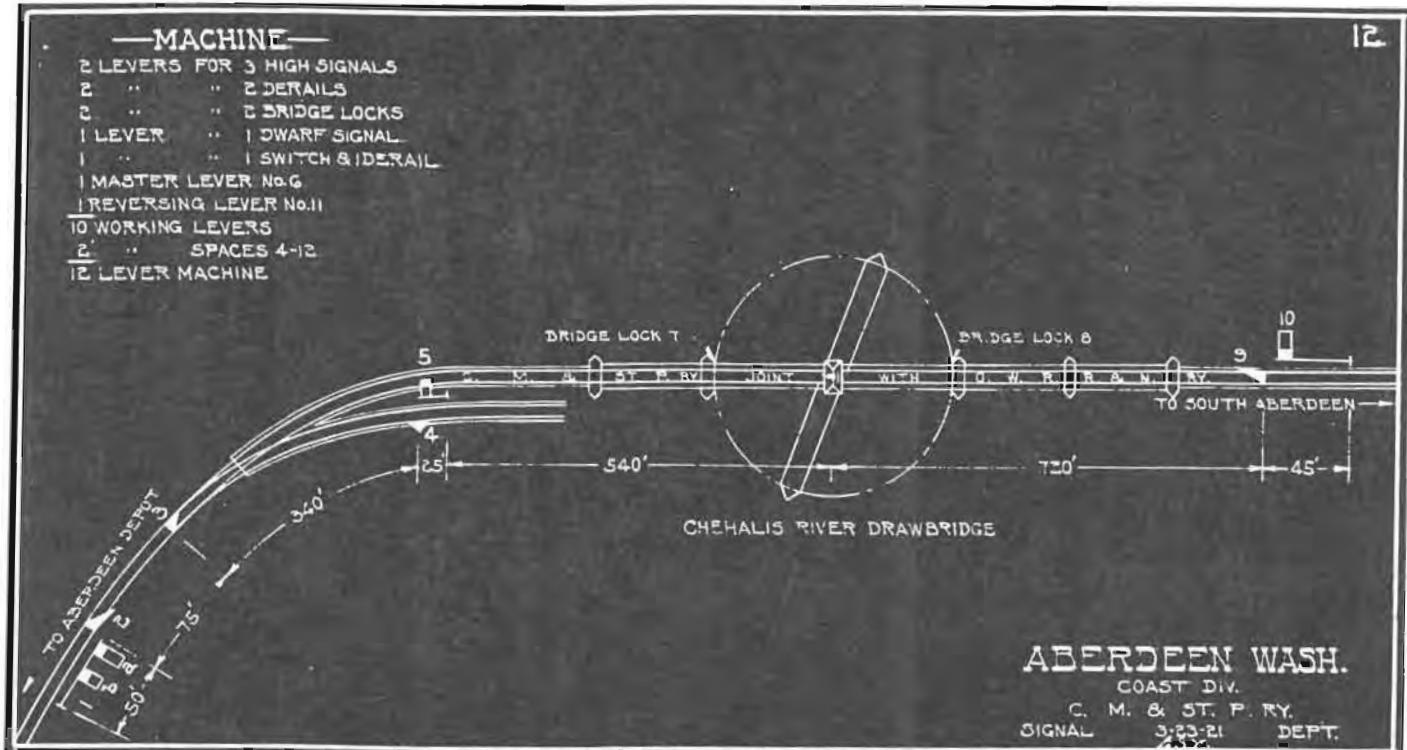
M.D.&amp;P. 100%

BUILT BY - U.S. & S. CO.OPERATION

M.D.&amp;P. 100%

REPAIRING - C. M. & ST.P.RY

REV. 1911



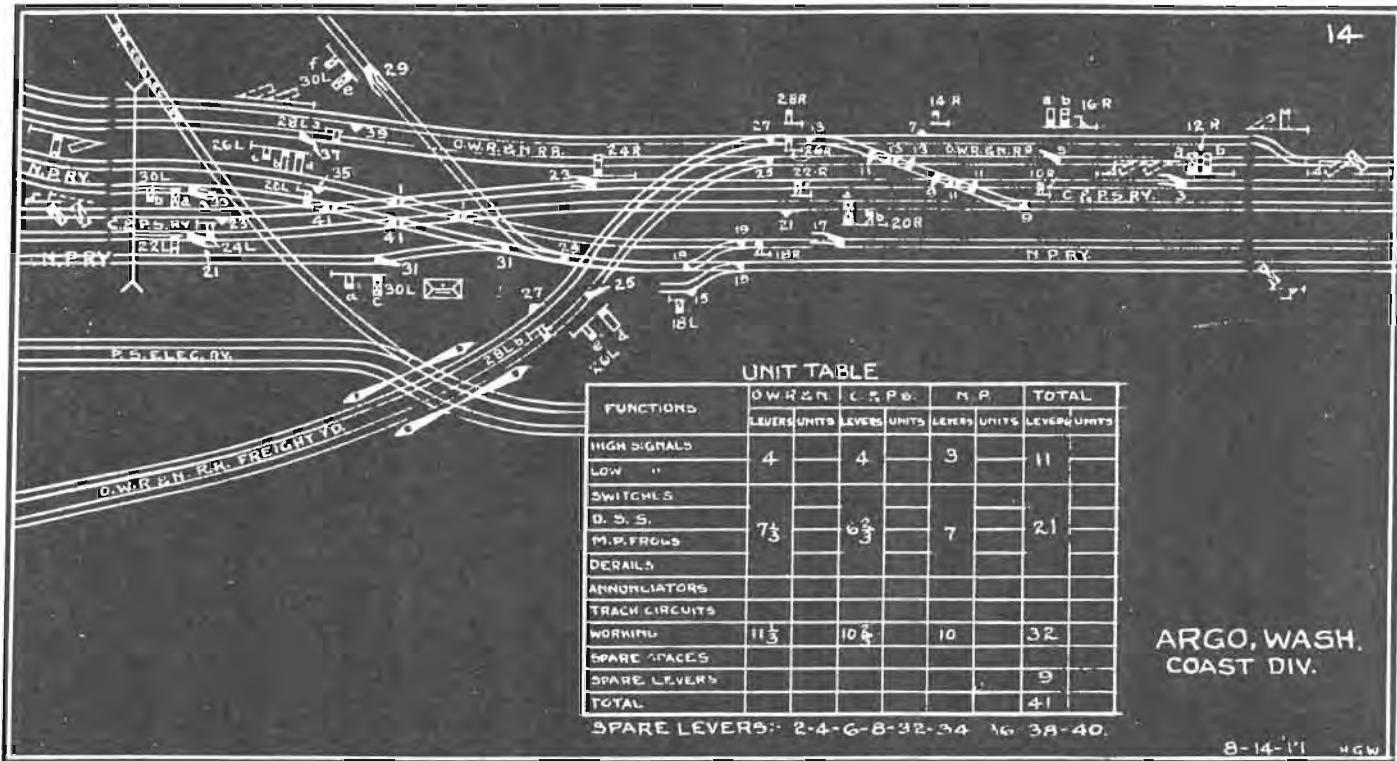
REV. 1921

12-A

ABERDEEN WASH. CHEHALIS RIVER DRAW	
C.M. & ST.P.RY.	JOINT WITH O.W.R.R.&N.RY.
<b>DATE OF CONTRACT</b>	<b>AGREEMENT BY CONTRACT</b>
JAN. 1- 909 NOV. 19- 914	INSTALLATION { C.M. & ST.P. 50% O.W.R.R.&N. 50%
<b>DATE PLANT PUT IN SERVICE</b>	<b>OWNERSHIP</b> { C.M. & ST.P. 50% O.W.R.R.&N. 50%
APR. 1- 1917	<b>MAINTENANCE</b> { C.M. & ST.P. 50% O.W.R.R.&N. 50% } WHEELAGE BASIS
<b>DATE OF STATE COM. PERMIT</b>	<b>OPERATION</b> { C.M. & ST.P. 50% O.W.R.R.&N. 50% } WHEELAGE BASIS
<b>PLANT BUILT BY</b>	<b>REPAIRING</b> { O.W.R.R.&N. }
O.W.R.R.&N.	

REV. 1921

3-34-21 41m



REV. 1917

14A

## ARGO INTERLOCKLING

C. M. &amp; ST P RY. - C. &amp; P.S.R.R. - O. W. R. &amp; N. CO. &amp; N. P. RY.

## DATE OF CONTRACT

1ST CONTRACT JUNE 5-1912  
 2ND CONTRACT MAY 26-1913  
 DEPOT CONTRACT 1906

## DATE PLANT PUT IN SERVICE

## DATE OF STATE COMM. PERMIT

## PLANT BUILT BY O.W.R.&amp;N.CO.

## AGREEMENT BY CONTRACT

INSTALLATION --- {  
 OWNERSHIP -- {  
 O.W.R.&N. 70% { C.M. & ST P RY 5% PER YEAR ON 7.826%  
 N P R Y. 20% { O.W.R.&N.C.O. BALANCE  
 C. & P.S. 10% }

MAINTENANCE --- {  
 O.W.R.&N. 70% { C.M. & ST P RY UNITS .7 7.826%  
 N.P. 20% { SEATTLE PASSENGER DEPOT JOINT  
 C. & P.S. 10% { O.W.R. & C.M. & ST P 25% UNITS 28.174%  
 O.W.R.&M. EXCLUSIVE 40 UNITS 40%

OPERATION --- { SAME AS MAINTENANCE

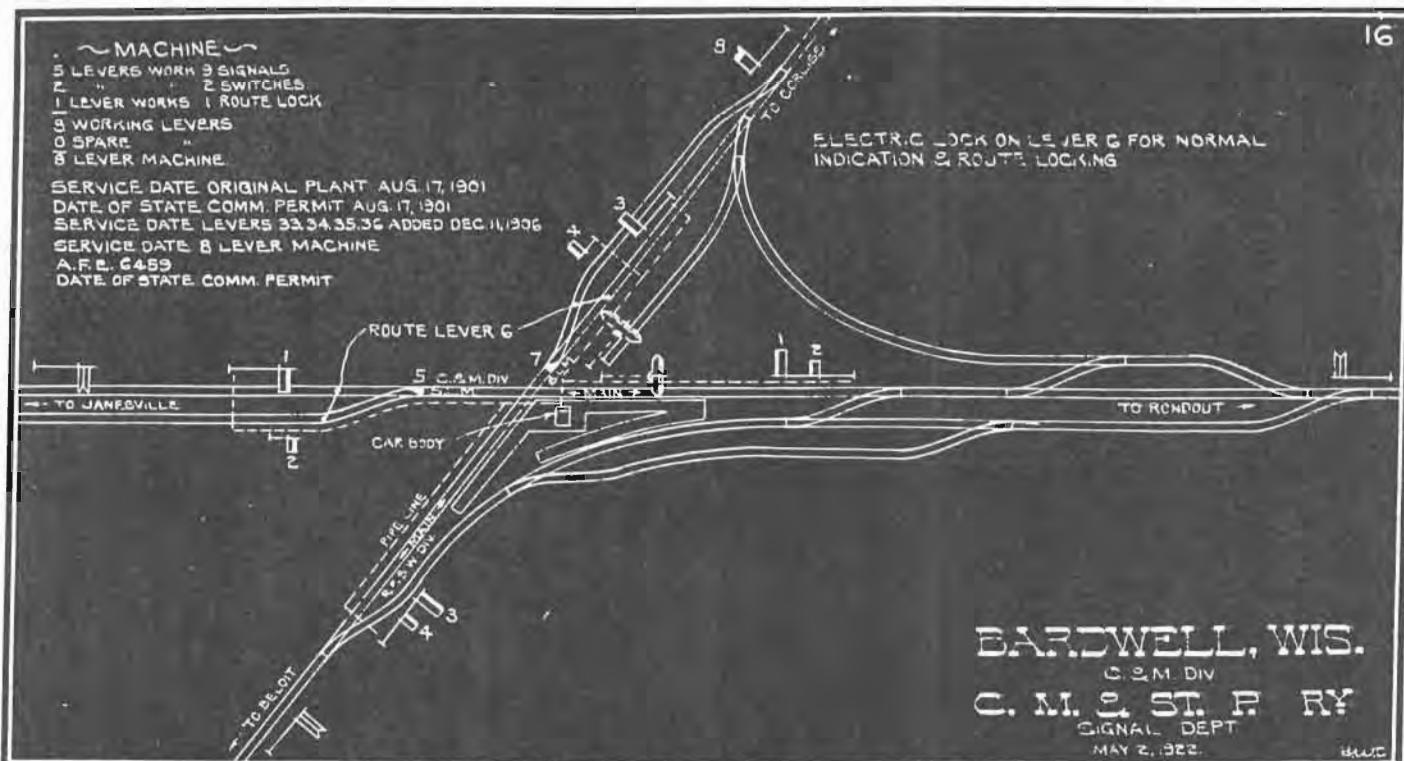
REPAIRING --- { O.W.R.&N.CO.

## NOTE:

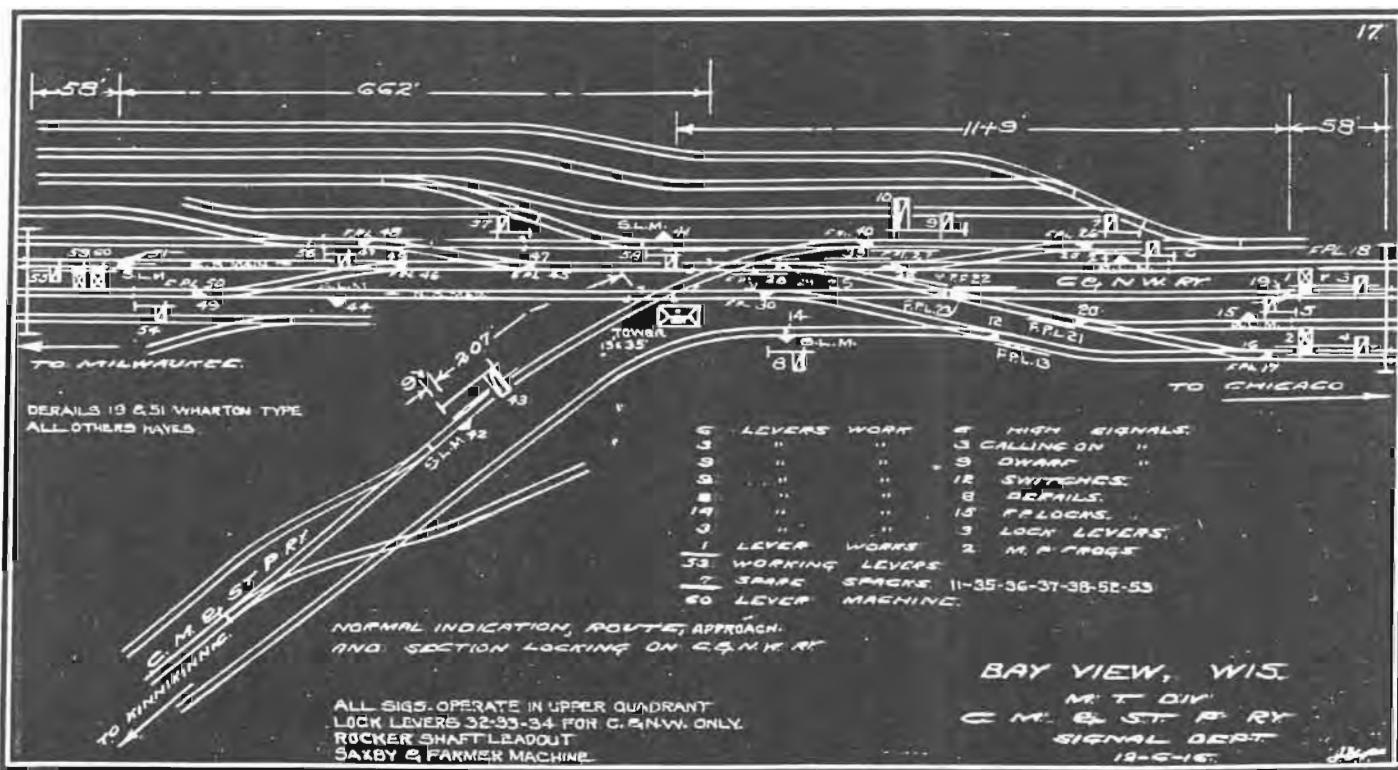
C.M. & ST P RY. PAYS UNDER THE SEATTLE PASSENGER DEPOT CONTRACT WITH O.W.R.&N.CO. FOR THE USE OF PREPOSITION OF INTERLOCKING INCLUDED IN DEPOT, ON WHEELAGE BASIS.

8-17-17 H.G.W.

REV. 1917



REV. 1922



REV. 1917

IT-A

BAY VIEW INTERLOCKINGC.M. & ST.P.RY CROSSING C. & N.W.RYDATE BY CONTRACT

Dec 31 - 1894

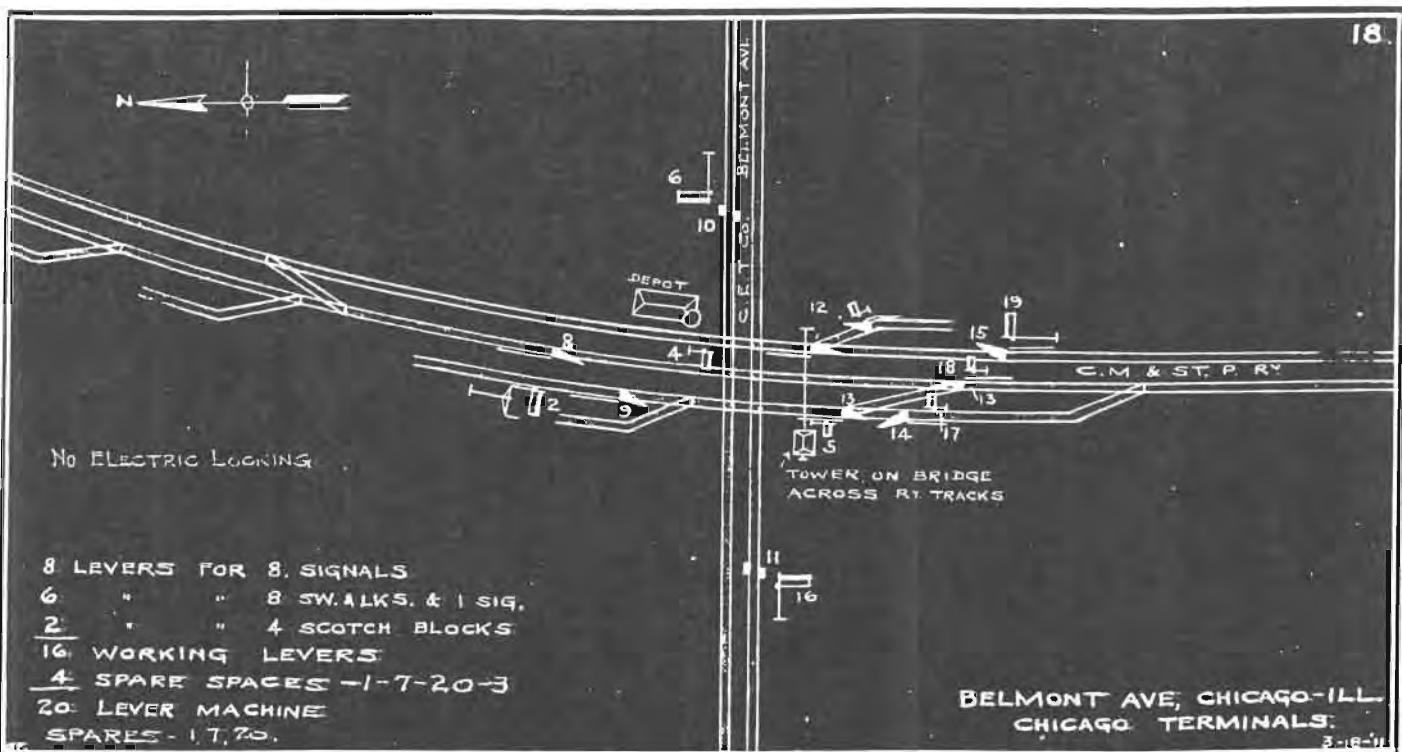
AGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICEOct 1895  
2-10-96INSTALLATIONC. & N.W.RY 50%  
C.M. & ST.P.RY 50%DATE OF STATE COM. PERMIT7-18-06  
2-10-17MAINTENANCEC. & N.W.RY 63.51%  
C.M. & ST.P.RY 36.48%BUILT BY U.S. & S. CO.REBUILT: 1906 C.M. & ST.P.RY  
" 1917OPERATIONC. & N.W.RY 50%  
C.M. & ST.P.RY 50%OWNERSHIP

SAME AS MAINTENANCE

REPAIRING

C.M. &amp; ST.P.RY

REV. 1907



REV. 1911

18-A

## BELMONT AVE. INTERLOCKING. CHICAGO.

C.E.T. CO. CROSSING C.M. &amp; ST. P. RY

DATE OF CONTRACT  
APRIL 6, 1895.

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
DEC. 10, 1895.

INSTALLATION } AND OWNERSHIP } C.E.T. CO. 100%

DATE OF STATE COM. PERMIT.

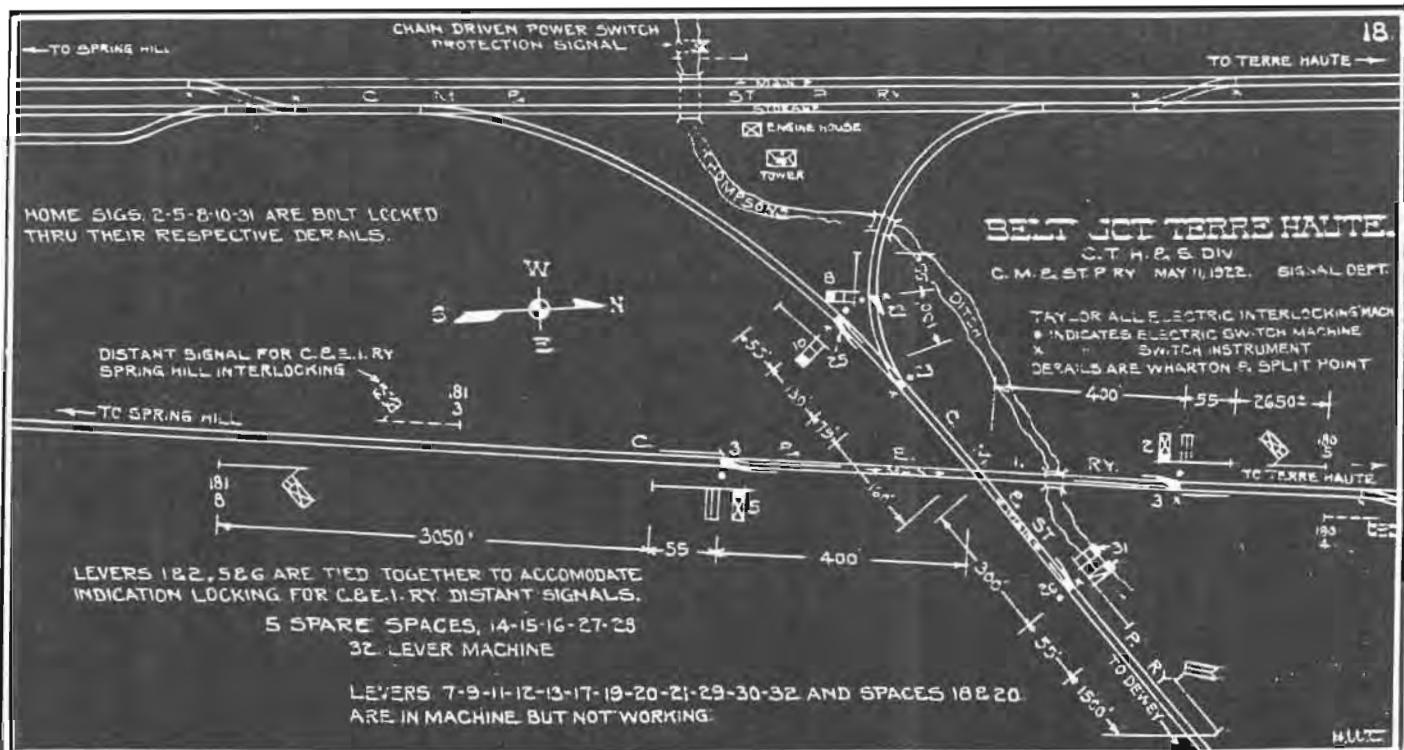
MAINTENANCE — C.E.T. CO. 100%

BUILT BY — U.S. &amp; S. CO.

OPERATION — C.M. &amp; ST.P. 100%

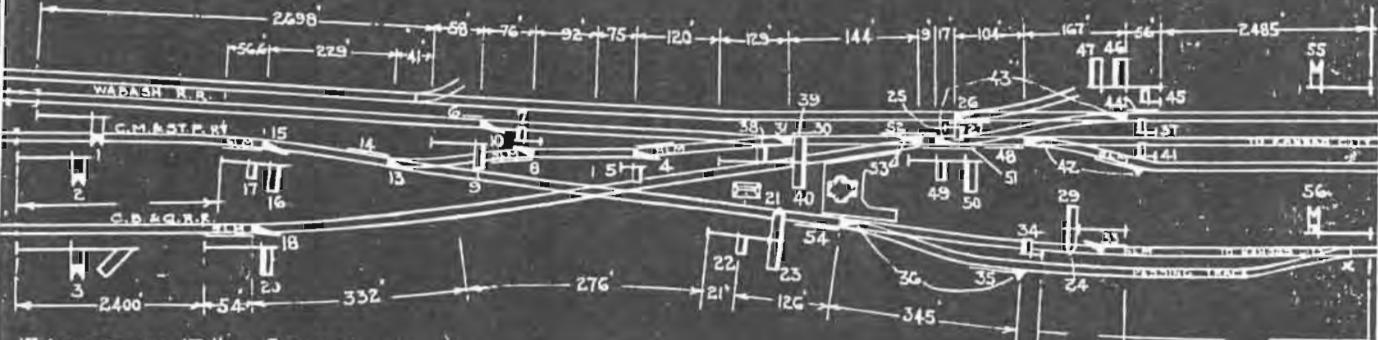
REPAIRING — C.M. &amp; ST.P.

REV. 1911



REV. 1925

NORMAL INDICATION & ROUTE LOCKING  
ON C.B. & Q.RY. & WABASH RY.  
NORMAL INDICATION, ROUTE & SECTION  
LOCKING ON C.M. & ST. P.RY.



17 LEVERS FOR 17 HIGH SIGNALS  
7 DWARF "  
4 CALLING-ON-ARMS  
6 DERAILS AND 5 BARS  
2 DERAILS, 2 SWITCHES AND 1 BAR.  
5 SWITCHES  
10 LOCKS & BARS  
1 LEVER FOR 1 TURNOUT DERAIL  
1 KEY LEVER  
32 WORKING LEVERS  
4 SPARE LEVERS 11-12-19-28  
56 LEVER FRAME

BIRMINGHAM - MO  
K.C. DIV.  
C.M. & ST. P. RY  
SIGNAL DEPT.  
12-12-1915.

REV. 1918

## BIRMINGHAM INTERLOCKING

DATE OF CONTRACT

DATE PLANT PUT IN SERVICE

OCT. 1 - 05.

DATE OF STATE COM. PERMIT

BUILT BY

### AGREEMENT BY CONTRACT

CONSTRUCTION	CM & STP - 36.66%
MAINTENANCE	WABASH - 36.23%
AND OWNERSHIP	C.B & Q - 17.05%
	C.R.I.P - 38.76%

### OPERATION

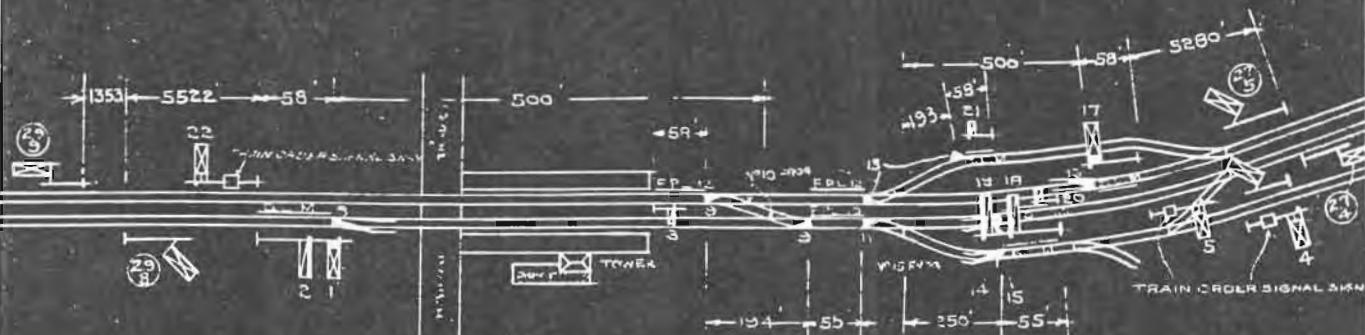
CM & STP - 33 1/3%
WABASH - 33 1/3%
C.B & Q - 33 1/3%
C.R.I.P - 8 1/3%

REPAIRING: C.B & Q

REV. 1918

DATE INSTALLED 7-28-07.  
NORMAL INDICATION, ROUTE AND SECTION LOCKING.

20



## MACHINE

- 8 LEVERS WORK 8 HIGH SIGNALS
- 3 " " 3 DWARF "
- 3 " " 3 SWITCHES
- 1 LEVER WORKS 2 SWITCHES & 1 SWITCH TARGET
- 4 LEVERS WORK 4 DERAILS
- 4 LEVERS WORK 4 F.P.LOCKS
- 20 WORKING LEVERS
- 5 SPARE " G, 7, 23, 24
- 24 LEVER MACHINE

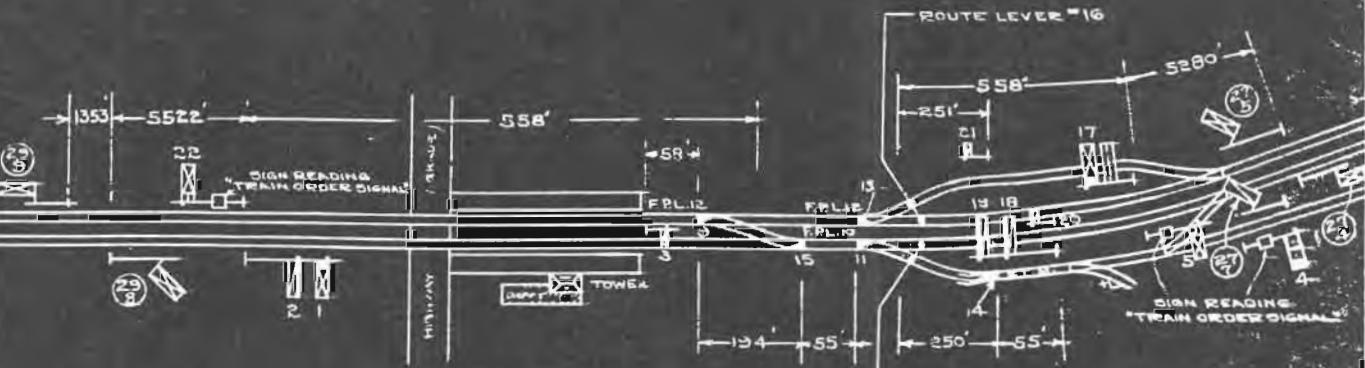
BROWNS, IOWA.

C. &amp; C. B. DIV.

REV. 1917

DATE INSTALLED 7-28-07.  
NORMAL INDICATION, ROUTE AND SECTION LOCKING.

20



## MACHINE

- 8 LEVERS WORK 8 HIGH SIGNALS
- 3 " " 3 DWARF "
- 4 " " 4 SWITCHES
- 2 " " 2 ROUTE LOCKS.
- 1 LEVER WORK 1 DERAIL
- 2 " " 4 F.P.LOCKS
- 20 WORKING LEVERS
- 4 SPARE " G, 7, 23, 24
- 24 LEVER MACHINE

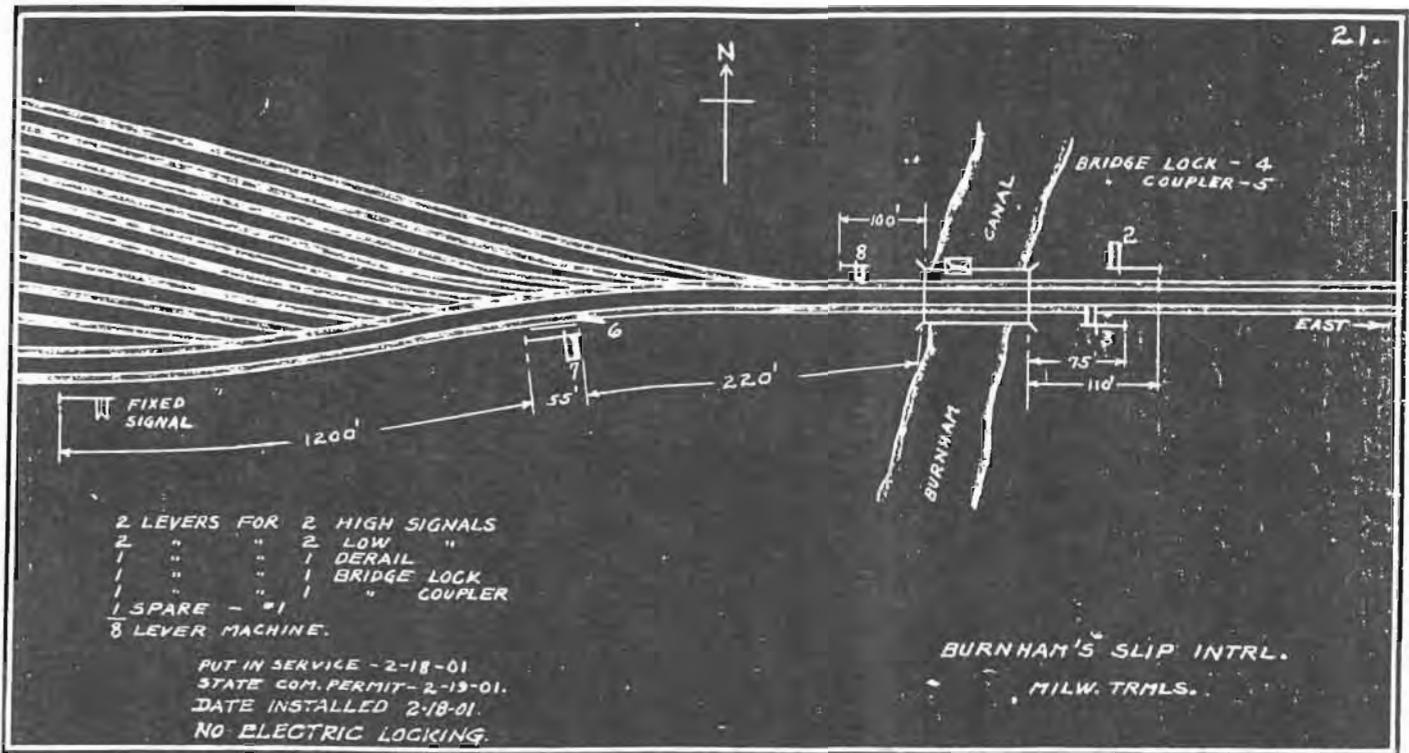
BROWNS, IOWA.

IOWA, DIV.

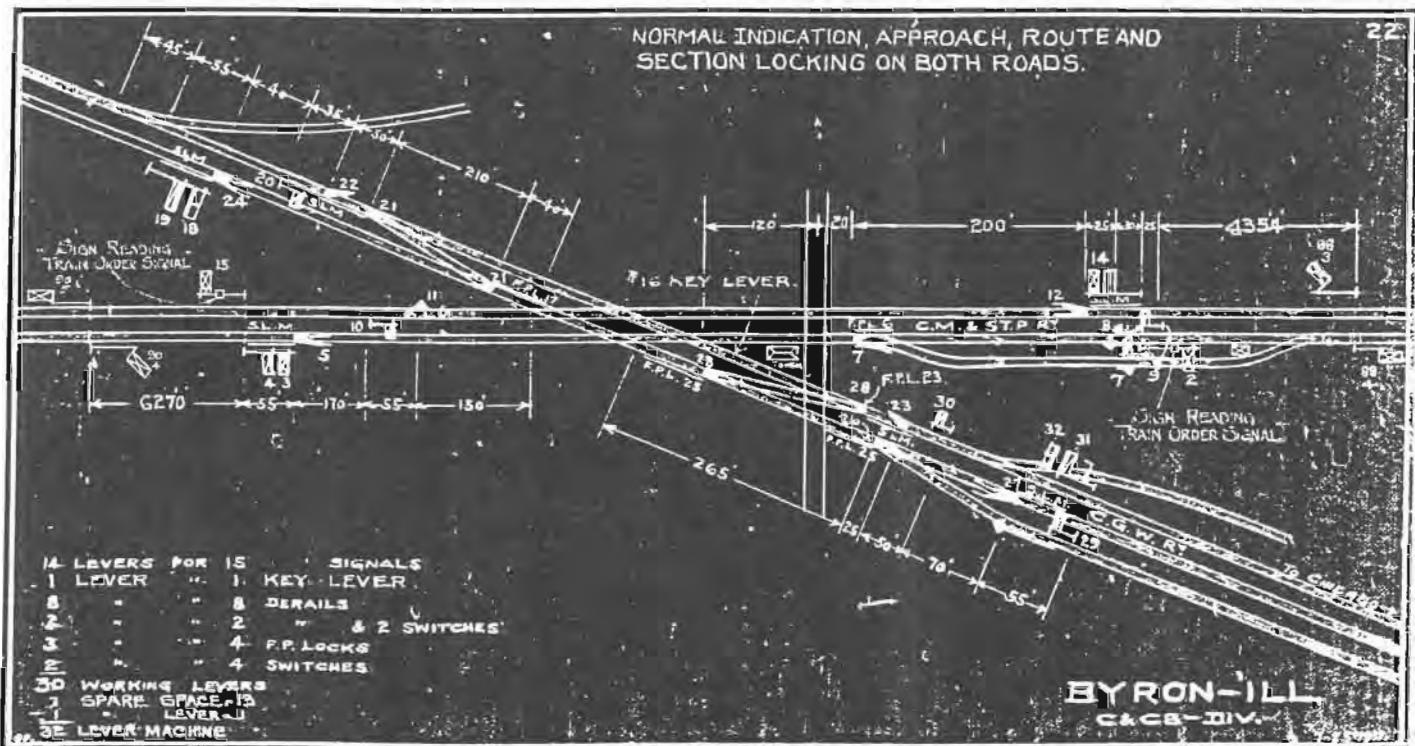
KNE 5443

REV. 1925

26



REV. 1911



REV. 1920

## BYRON INTERLOCKING

C.G.W.RY~C.M.S.P.&amp;P.R.R.

## DATE OF CONTRACT.

MARCH-1-1900  
JAN.-1-1929AGREEMENT BY CONTRACT  
DIVISION OF EXPENSE.

## DATE PLANT PUT IN SERVICE.

DECEMBER-3-1900  
DECEMBER-31-1923

## DATE OF STATE COM. PERMIT.

DECEMBER-4-1900  
MAY-5-1924MAINTAINCE  
AND  
OPERATION

C.G.W.RY---60%

C.M.S.P.&amp;P.R.R:40%

## PLANT BUILT BY.

STD. R.R.S. CO.

REPAIRING,---C.M.S.P.&amp;P.R.R.

REV. 1931

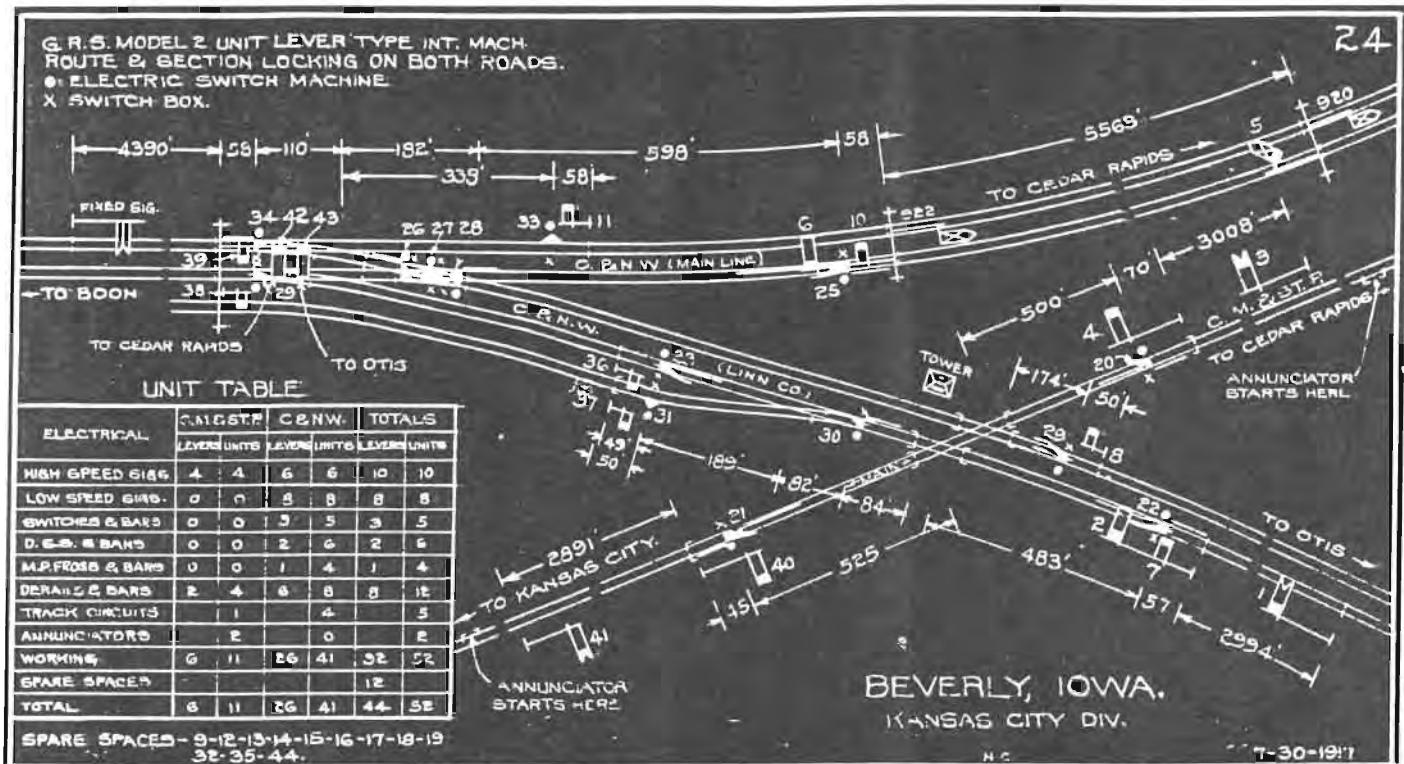
2 LEVERS WORK 2 HIGH SIGNALS  
 2 " " 2 DWARF  
 1 LEVER WORKS 1 SWITCH  
 1 F.P. LOCK  
 6 WORKING LEVERS  
 2 SPARE - 1&8  
 8 LEVER MACHINE

NORMAL INDICATION, APPROACH & ROUTE LOCKING.  
 Date installed 1-17-07.



BENGENVILLE MILL  
 C. M. & ST. P. RR  
 SIGNALS DEPT.  
 4-30-1915

REV. 1915



REV. 1917

24-A

BEVERLEY INTERLOCKINGC.M. & ST.P. CROSSING C. & N.W. RY.DATE BY CONTRACT

5-18-1900

DATE PLANT PUT IN SERVICE

OCT-1-1906

OCT-20-1916.

DATE OF STATE COM. PERMIT

OCT-1-1906

RE-ISSUED - 9-10-1915

BUILT BY

REPAIRING - C. &amp; N.W.

AGREEMENT BY CONTRACTINSTALLATIONAND  
OWNERSHIP

C.M. &amp; ST.P. 20%

C&amp;N.W. 80%

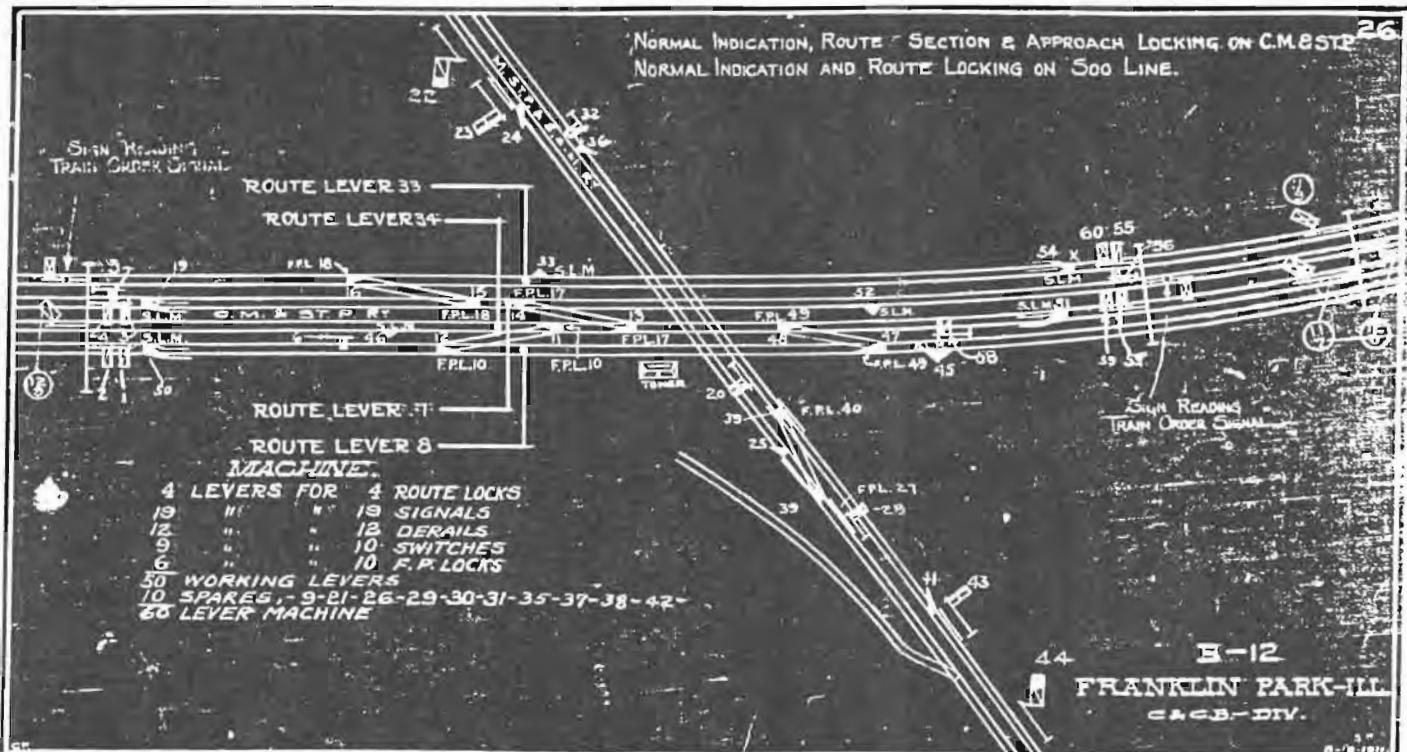
MAINTENANCE

C.M. &amp; ST.P. 19.23%

C&amp;N.W. 80.77%

OPERATIONSEE FILE 241 CORRESPOND-  
ENCE DATED 11-20-16.  
SIG. ENGRS. OFFICE.OPERATORS' WAGES AND  
TOWER SUPPLIES  
C&N.W. 66 2/3%  
C.M. & ST.P. 33 1/3%LAMPMAN'S WAGES AND  
SUPPLIES OTHER THAN  
TOWER SUPPLIES  
C&N.W. 80.77%  
C.M. & ST.P. 19.23%

REV. 1917



26-A

## FRANKLIN PARK. INTERLOCKING

C.M. &amp; ST. P. RY CROSSING M. ST. P. &amp; S. STE. M. RY

## DATE OF CONTRACT

OCT-1-1895  
OCT-26-1903

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

JAN-16-1896  
DEC-20-1911

## OWNERSHIP

 $\begin{cases} \text{C.M. & ST.P. - } 52.25\% \\ \text{M. ST.P. & S. STE.M. - } 47.75\% \end{cases}$ 

## DATE OF STATE COM. PERMIT

JAN-22-1896

## MAINTENANCE

 $\begin{cases} \text{C.M. & ST.P. - } 52.25\% \\ \text{M. ST.P. & S. STE.M. - } 47.75\% \end{cases}$ 

## BUILT BY — C.M. &amp; ST.P. RY

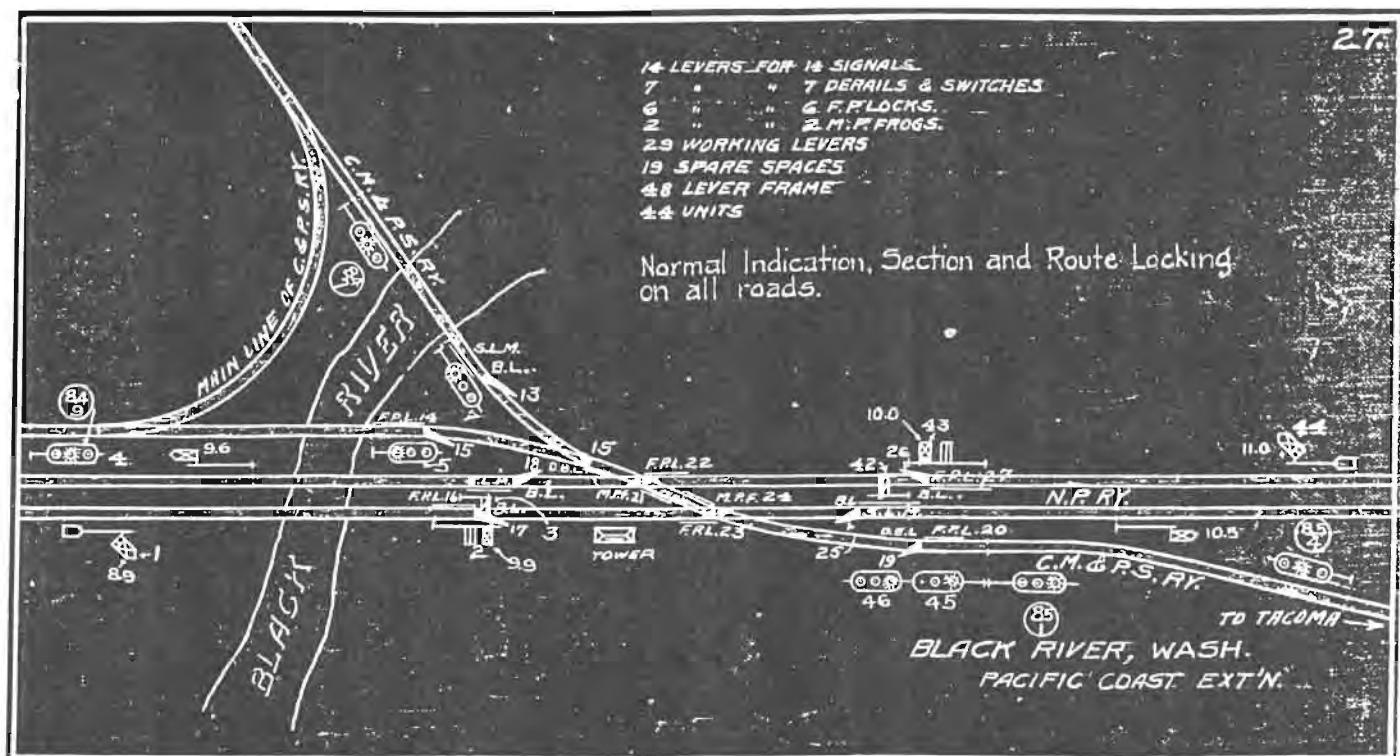
REBUILT " — C.M. &amp; ST.P. RY

## OPERATION

 $\begin{cases} \text{M. ST.P. & S. STE.M. - } \$80.00 \\ \text{C.M. & ST.P. RY - } \text{BALANCE} \end{cases}$ 

REPAIRING — C.M. &amp; ST.P. RY

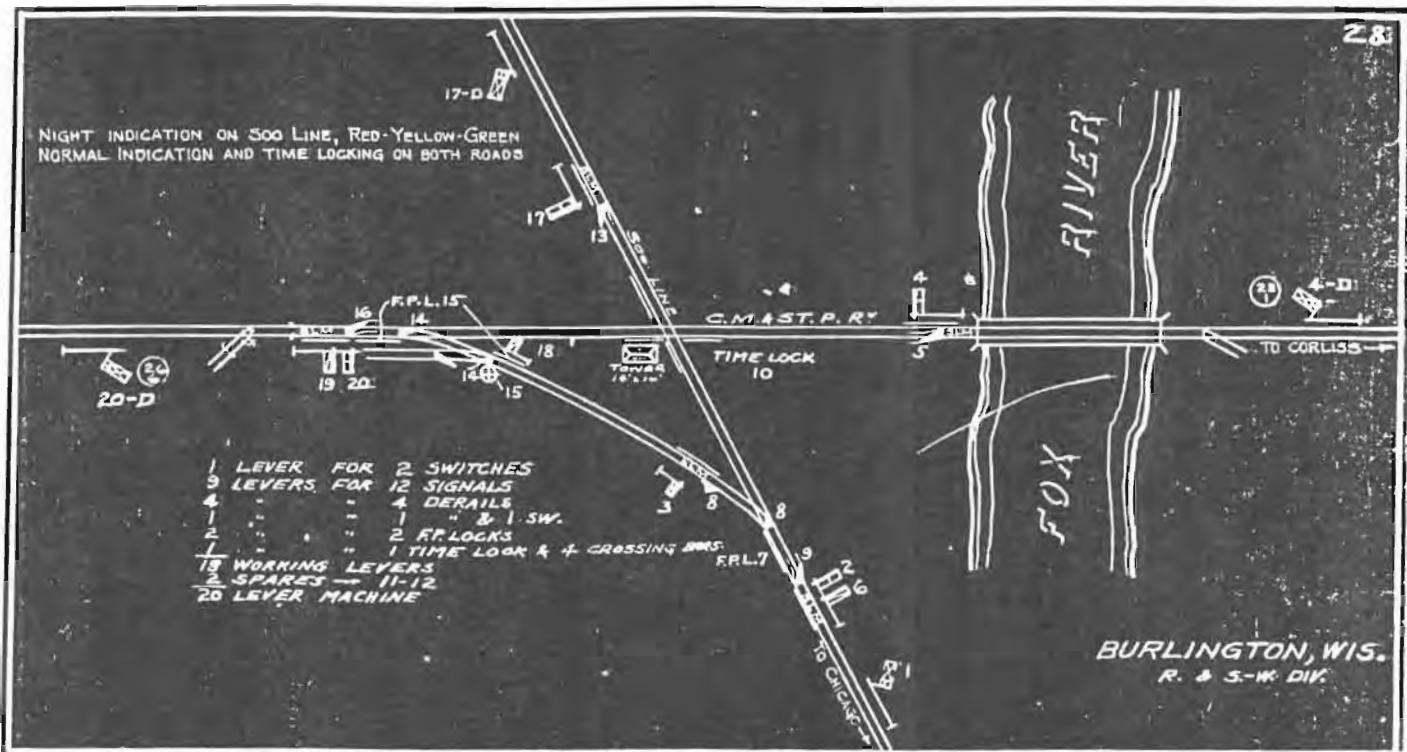
REV. 1925



REV. 1920

**BLACK RIVER INTERLOCKING****C.M. & S.P.R.Y. - N.P.R.Y. - O.W.R&NCo.****DATE OF CONTRACT**  
4-8-'08.**AGREEMENT BY CONTRACT****DATE PLANT PUT IN SERVICE**  
4-2-'09.**INSTALLATION** — C.M. & S.P.R. 60%  
**OWNERSHIP** } N.P.R.Y. 0  
O.W.R.&N. 40%**DATE OF STATE COM. PERMIT****MAINTENANCE** — C.M. & S.P. 60%  
N.P.R.Y. 0  
O.W.R.&N. 40%**BUILT BY** — C.M. & S.P.R.Y.**OPERATION** — C.M. & S.P. 60%  
N.P.R.Y. 0  
O.W.R.&N. 40%**REPAIRING** — C.M. & S.P.R.Y.

REV. 1920



REV. 1911

28-A

## BURLINGTON INTERLOCKING

C.M. &amp; ST. P. RY CROSSING SOO LINE RY

DATE OF CONTRACT  
SEPT 15 - 1911.

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
AUG 4 - 1911INSTALLATION  
OWNERSHIP{ C.M. & ST. P. 33 1/3%  
SOO LINE 66 2/3%

DATE OF STATE COM. PERMIT

MAINTENANCE

{ C.M. &amp; ST. P. 33 1/3%

BUILT BY — C.M. &amp; ST. P. RY

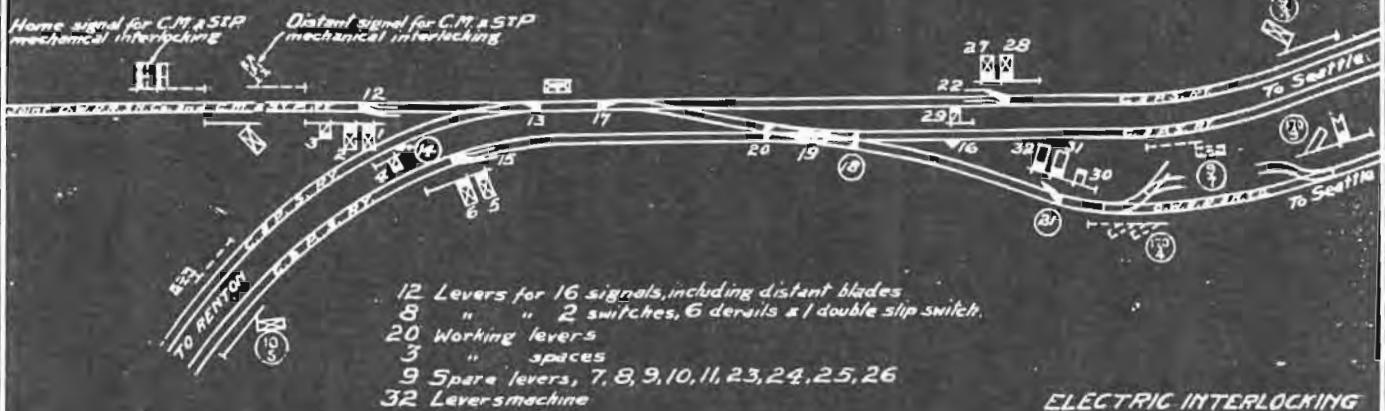
OPERATION

{ SOO LINE 66 2/3%

REPAIRING — C.M. &amp; ST. P. RY

REV. 1911

DETECTOR AND APPROACH LOCKING ON ALL ROADS.



REV. 1916

## BLACK RIVER JCT. INTERLOCKING

CM & ST. P. — O.W.R.R.&N.CO.— C & P.S. RY

### DATE OF CONTRACT

MAY-21-1906

JAN-18-1912

### AGREEMENT BY CONTRACT

### DATE PLANT PUT IN SERVICE

1914

### INSTALLATION OWNERSHIP

C & P.S.R.Y.	0%
O.W.R.R.&N.	75%
C.M. & S.P.R.Y.	25%

### DATE OF STATE COM. PERMIT

### MAINTENANCE

C & P.S.R.Y.	0%
O.W.R.R.&N.	75%
C.M. & S.P.R.Y.	25%

### PLANT BUILT BY

O.W.R.R.&N.CO.

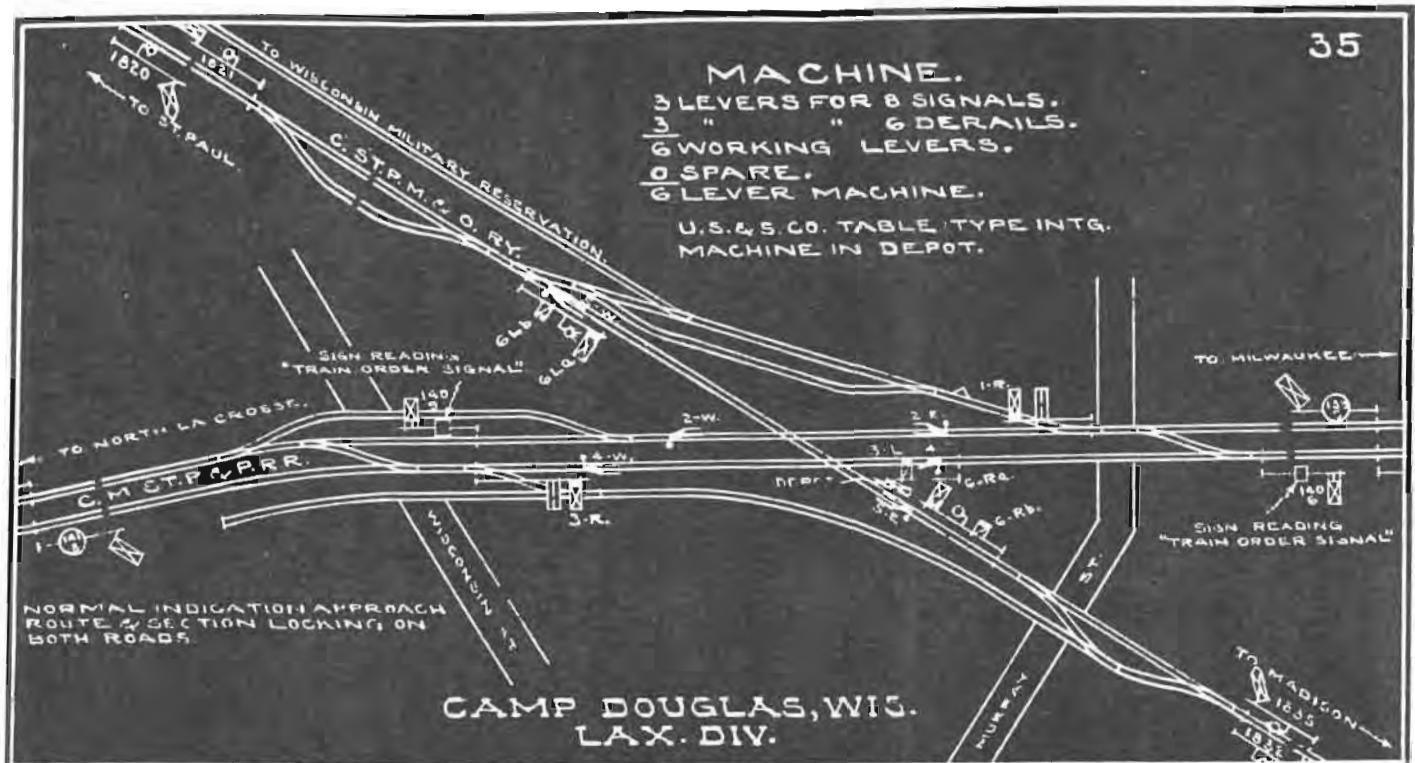
### OPERATION

C & P.S.R.Y.	0%
O.W.R.R.&N.	75%
C.M. & S.P.R.Y.	25%

### REPAIRING

O.W.R.R.&N.CO.

REV. 1916



REV. 1929

## CAMP DOUGLAS INTERLOCKING.

C.M. ST.P&amp;P.R.R. CROSSING C.S.T.P.M &amp; O.R.Y.

DATE OF CONTRACT

8-12-02

DATE OF PLANT PUT IN SERVICE

8-27-92

ENLARGED 12-2-02 &amp; 3-2-11

DATE OF STATE COM. PERMIT

1ST - 8-24-92.

2ND - 12-2-02.

3RD - 3-6-11.

4TH - 3-2-28.

BUILT BY N.S.E.S.CO.

REBUILT BY C.M. ST.P&amp;P.R.R.

3-9-28.

A.F.E.:~ 20206.

AGREEMENT BY CONTRACT

PERCENTAGES EFFECTIVE 1-3-28.

OPERATION { C.M. ST.P&amp;P. 50%

AND

SUPPLIES } C.M. ST.P.M &amp; O. 50%

MAINTENANCE { C.M. ST.P.&amp;P. 60.4%

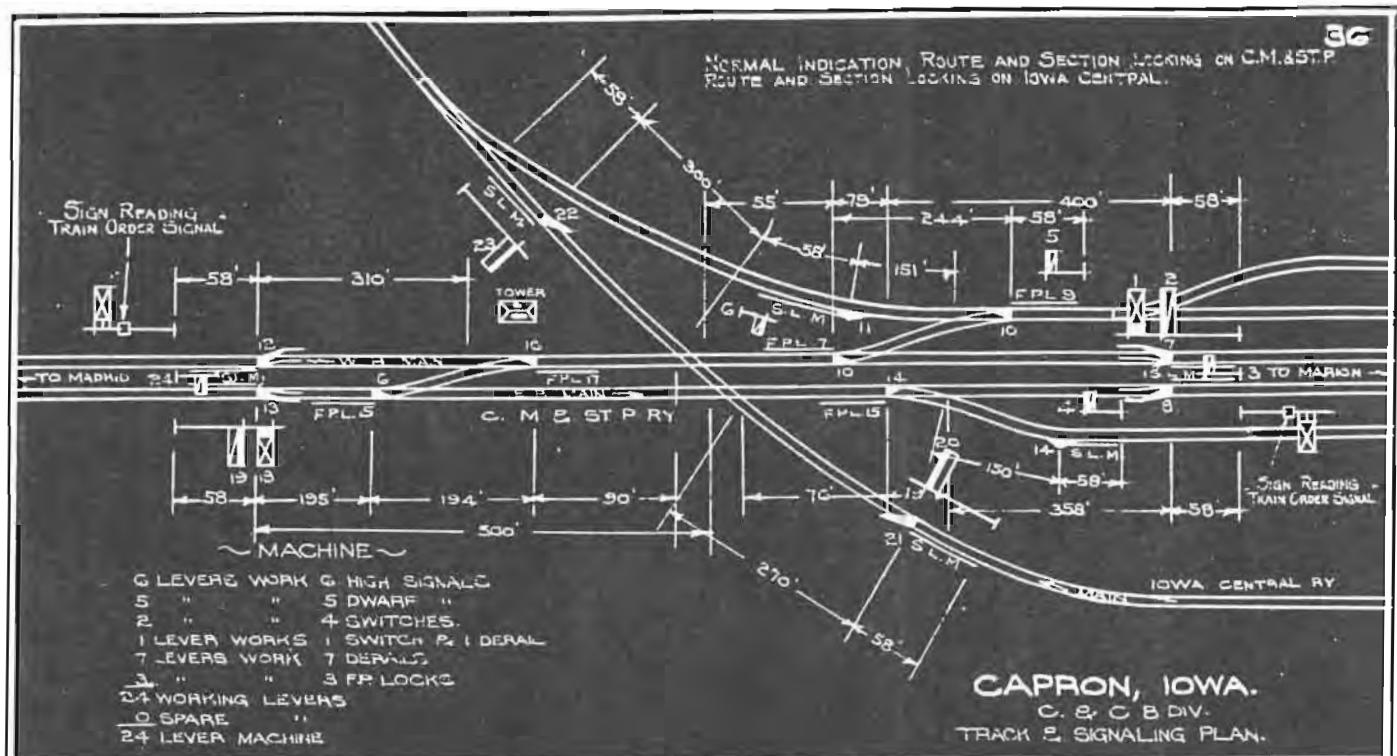
AND

SUPPLIES } C.M. ST.P.M &amp; O. 39.6%

REPAIRING

C.M. ST.P.&amp;P. R.R.

REV. 1929



REV. 1914

36-A

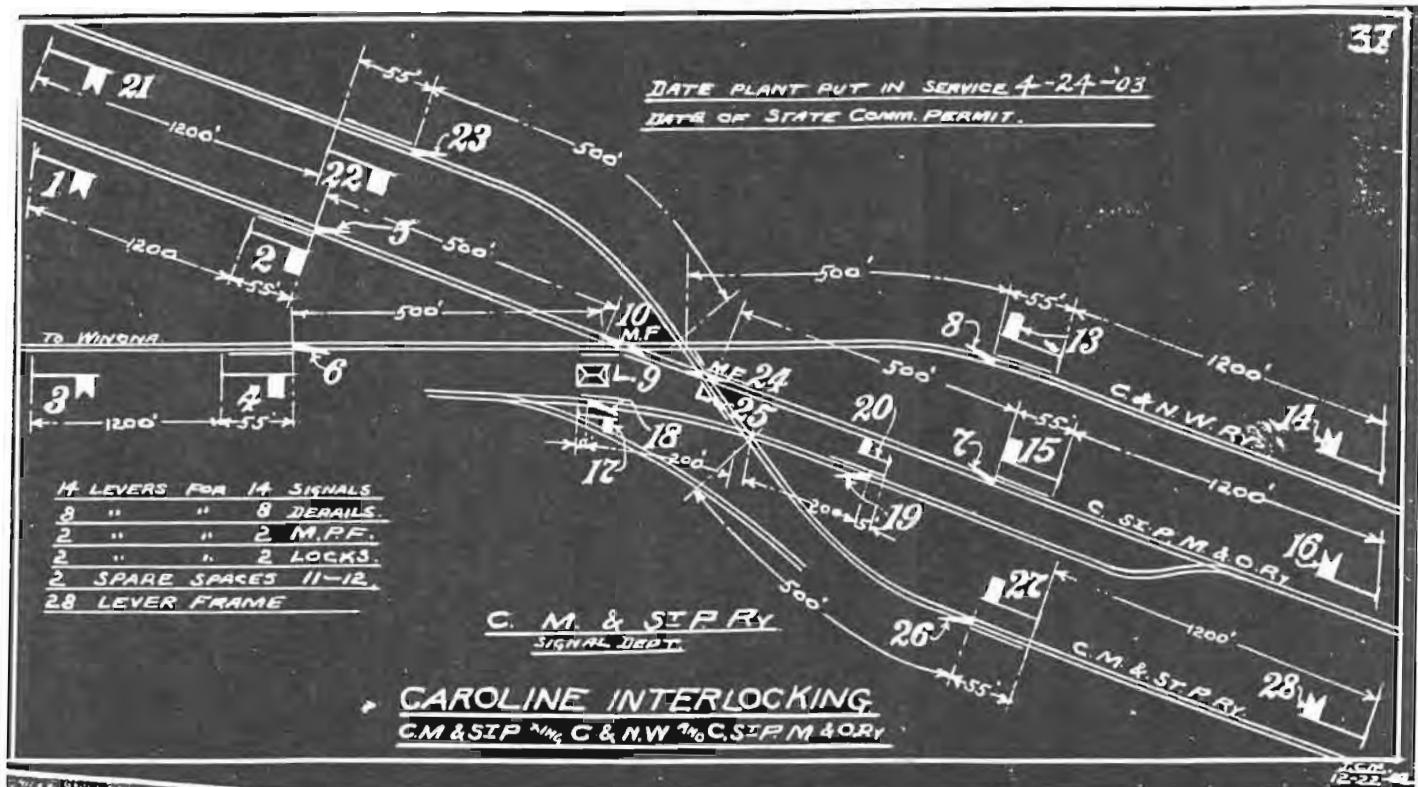
CAPRON INTERLOCKINGI. C. RY CROSSING C. M. & STP. RY.DATE OF CONTRACT9-1-02DATE PLANT PUT IN SERVICE5-29-03DATE OF STATE COM. PERMIT.5-29-03BUILT BY C.M. & STP.RY.AGREEMENT BY CONTRACT.

<u>INSTALLATION</u>	<u>C.M. &amp; STP. 100%</u>
<u>OWNERSHIP</u>	

<u>MAINTENANCE</u>	
<u>OPERATION</u>	
<u>AND</u>	
<u>SUPPLIES</u>	<u>C.M. &amp; STP 100%</u>

REPAIRING C.M. & STP.

REV. 1911



REV. 1911

37-A

## CAROLINE INTERLOCKING

C. M. & S.I.P. 1/4 C. & N.W. RY 1/4 C. S.I.P. M. & O.R.Y.

DATE OF CONTRACT

2-27-02

DATE PLANT PUT IN SERVICE

4-24-03

DATE OF STATE COM. PERMIT

BUILT BY U.S. & S. CO.  
ENLARGED BY PNEUMATIC SIG CO.

AGREEMENT BY CONTRACT.

INSTALLATION

OWNERSHIP

C. S.I.P.M. & O	33 1/3 %
C. & N.W.	33 1/3 %
C. M. & S.I.P.	33 1/3 %

MAINTENANCE

OPERATION

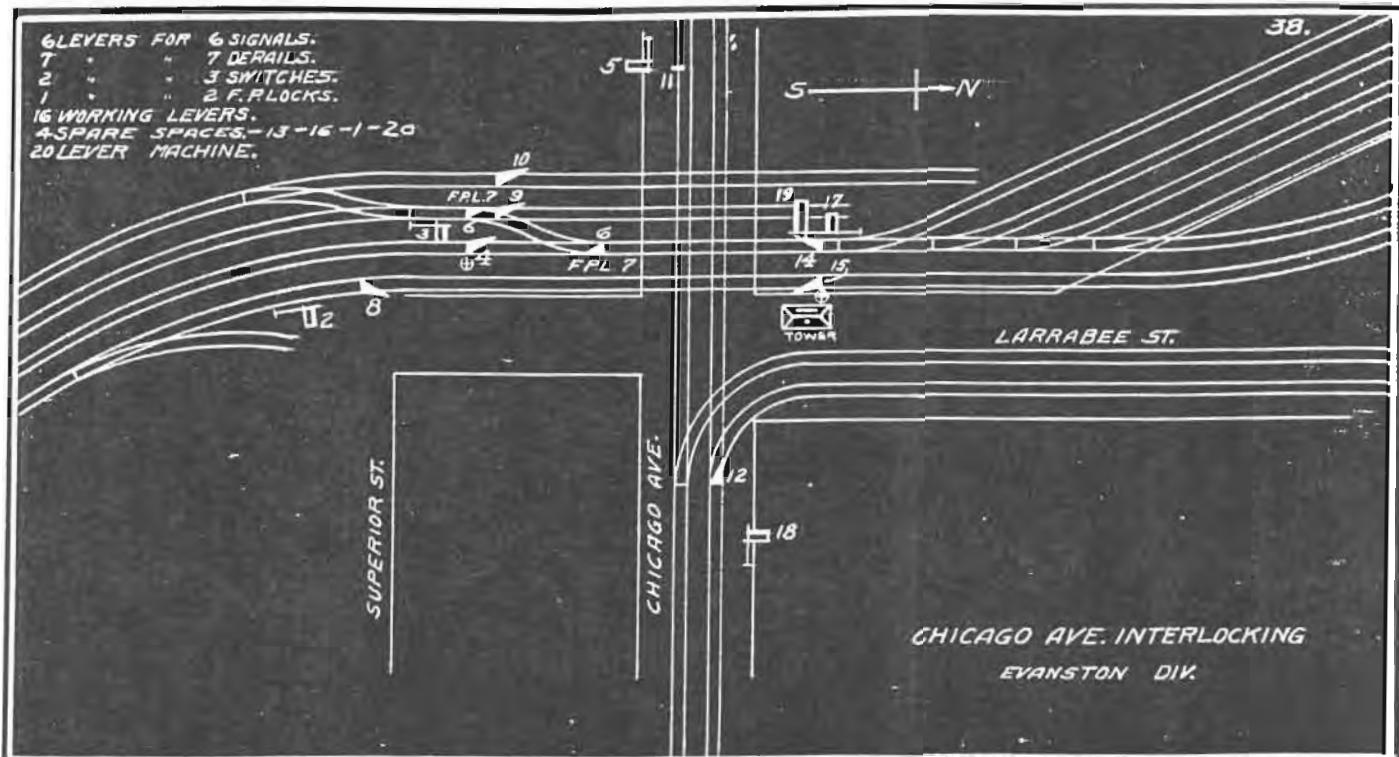
AND

SUPPLIES

C. S.I.P.M. & O -	33 1/3 %
C. & N.W.-RY -	33 1/3 %
C. M. & S.I.P. RY -	33 1/3 %

REPAIRING C. & N.W.-RY

REV. 1911

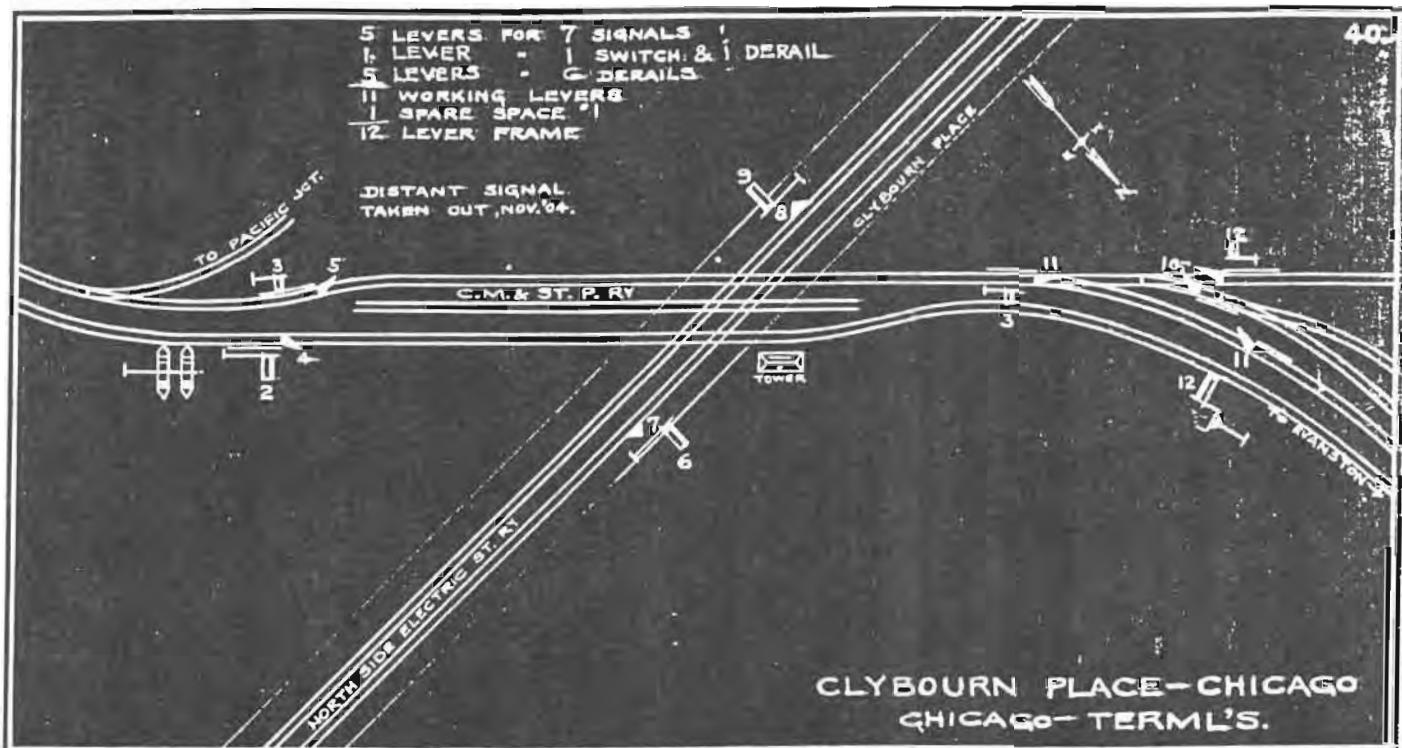


REV. 1917

38-A.

CHICAGO AVE. INTERLOCKINGN. C. S T R R. CROSSING C. M. & S T P. RY.DATE OF CONTRACT  
JUNE-24-1895.AGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICE  
FEB.-26-1896.INSTALLATION - N.C.STRR. 100%DATE OF STATE COM. PERMITMAINTENANCE - { N.C.STR.R. 88.9%  
C.M.&STP.RY 11.1% }REBUILT & PUT IN SERVICE  
JAN. 25-1903.OPERATION - C.M. & ST P. RY. 100%OWNERSHIP - SAME AS MAINTENANCEREPAIRING - C.M. & ST P. RY.

REV. 1909



REV. 1917

40-A

## CLYBOURN PLACE INTERLOCKING - CHICAGO

C.M. &amp; ST. P. RY CROSSING N. S. E. ST. RY

DATE OF CONTRACT  
9-12-95

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
6-25-96

INSTALLATION - N.S.E. ST. RY. 100%

DATE OF STATE COM. PERMIT

OWNERSHIP - N.S.E. ST. RY. 100%

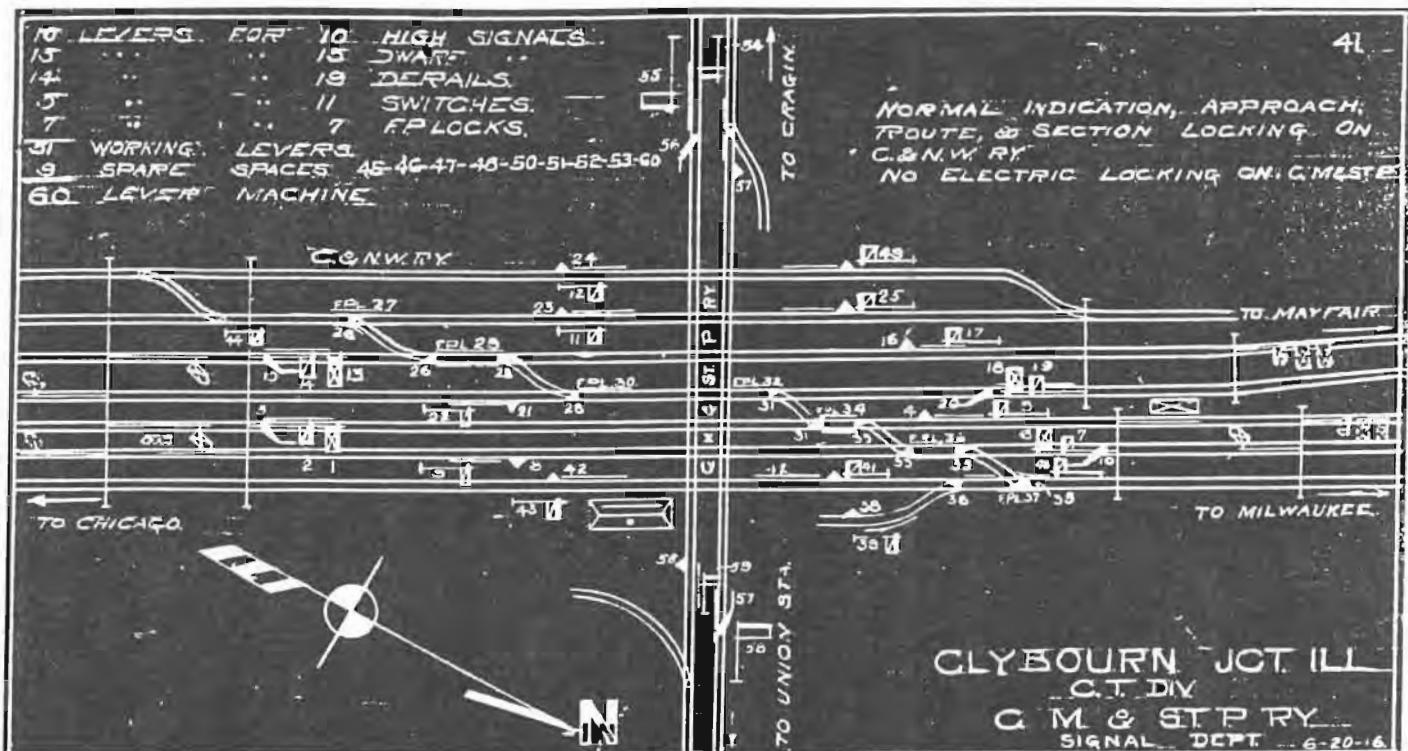
BUILT BY — U.S. &amp; S. CO.

MAINTENANCE - N.S.E. ST. RY. - 100%

OPERATION - C.M. &amp; ST. P. RY. 100%

REPAIRING C.M. &amp; ST. P. RY.

REV. 1911



REV. 1916

41A

## CLYBOURN JCT. INTERLOCKING.

C. M. & ST. P. RY. CROSSING C. & N.W. RY.

DATE OF CONTRACT,

AUG. 21. 1899.

DATE OF PLANT PUT IN SERVICE,

APRIL 8. 1900

DATE OF COM. PERMIT,

APRIL 11. 1900.

BUILT BY — STD. RR Sig. Co.

COST COMPLETE \$ 9793

AGREEMENT BY CONTRACT.

INSTALLATION  
AND  
Supplies. { C. M. & ST. P. RY. 34½%  
C & N.W. - 65½%

OPERATION  
FUEL AND  
TOWER  
SUPPLIES { C. M. & ST. P. RY. 50%  
C & N.W. RY. 50%

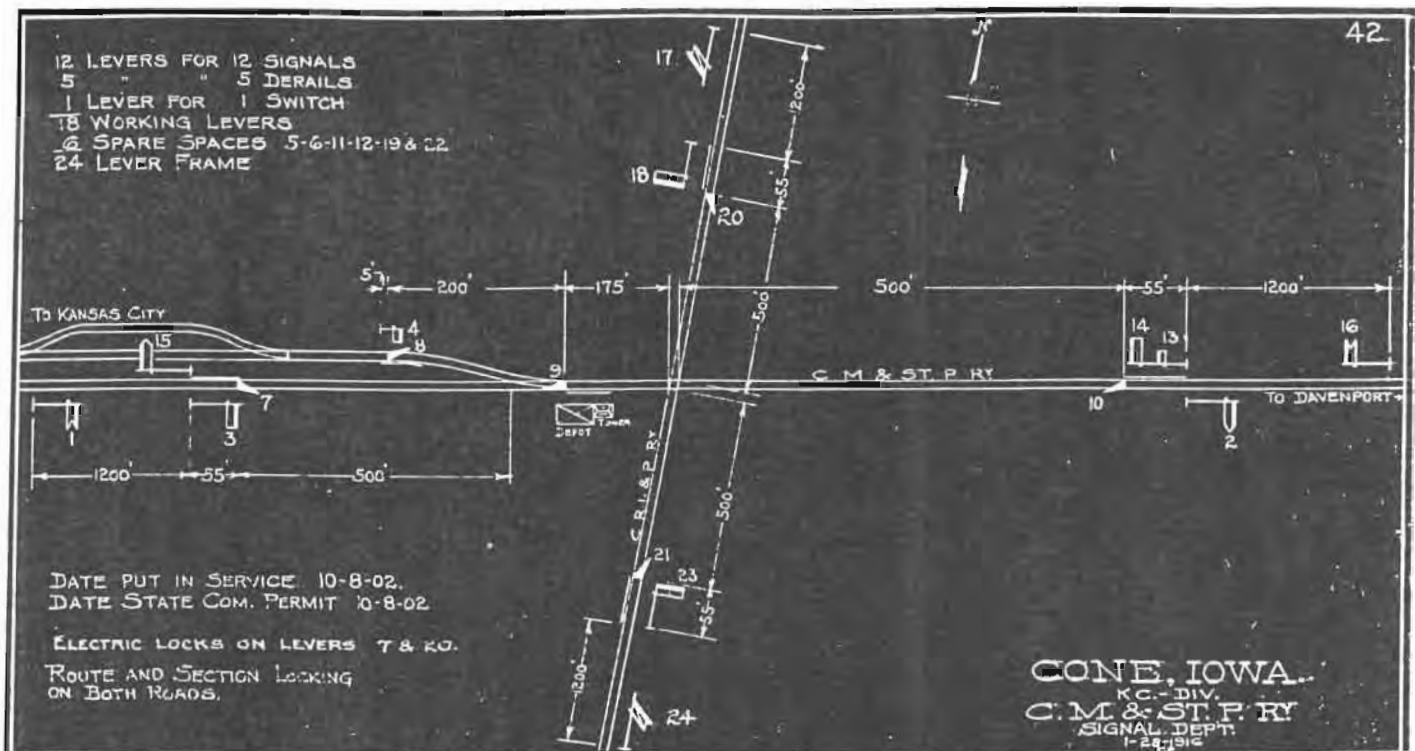
TRACKMAN'S  
WAGES { 1 HR. PER DAY JOINT  
C. M. & ST. P. RY.  $\frac{4}{30}$  OF THRS.  
C. & N.W. RY.  $\frac{24}{30}$  OF THRS.

REPAIRING — C. & N.W.

OWNERSHIP SAME AS MAINTENANCE

REV. 1924

39



REV. 1921

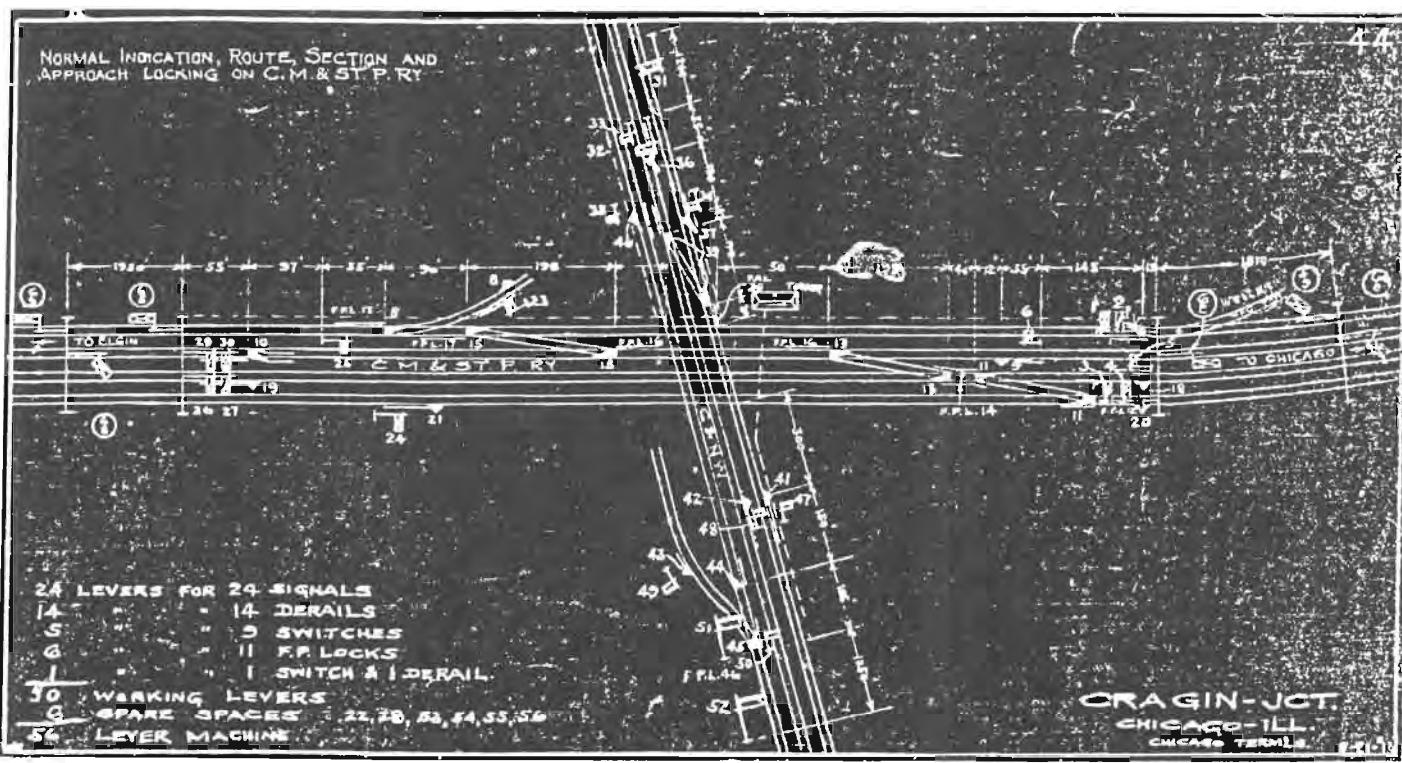
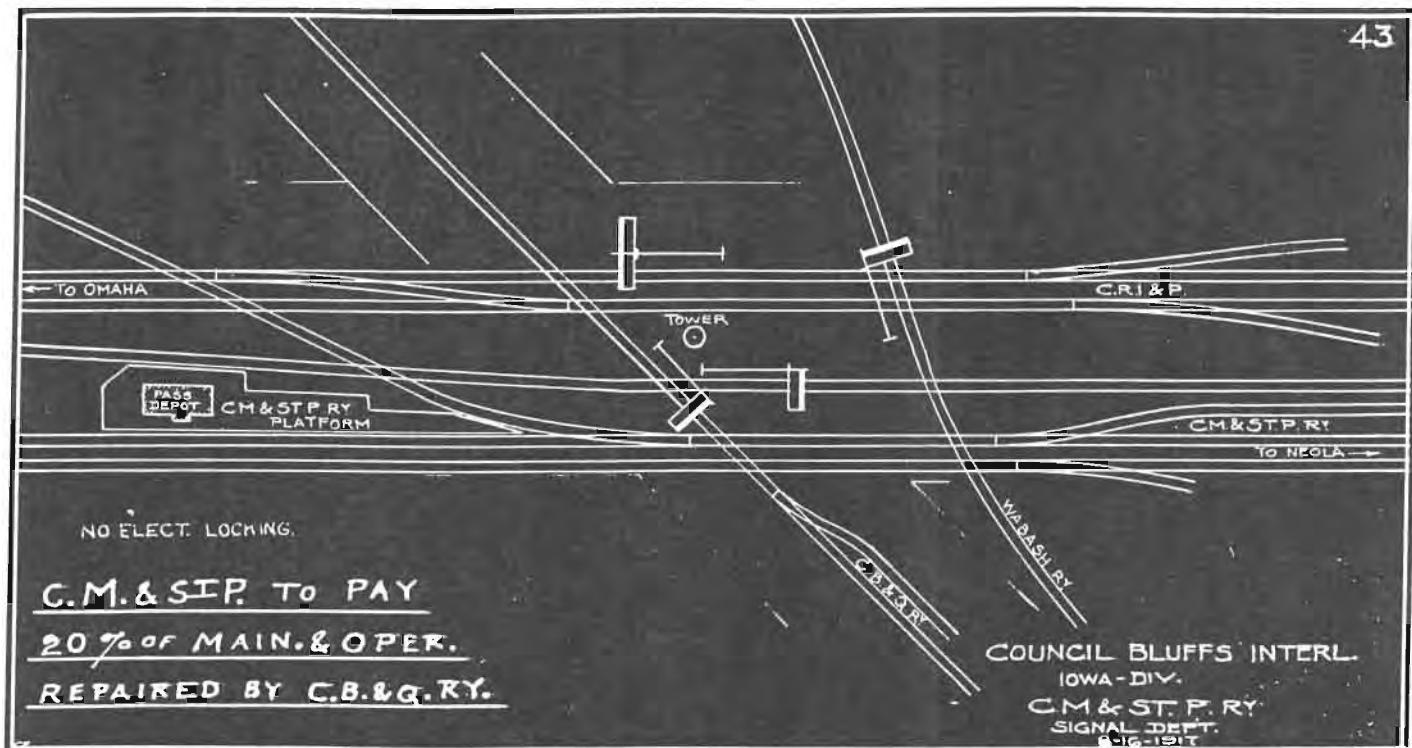
43

CONE INTERLOCKING

C.M. & ST. P. RY crossing C.R.I. & P. RY

<u>DATE BY CONTRACT</u>	<u>AGREEMENT BY CONTRACT</u>
FEB-1- 1905	
<u>DATE PLANT PUT IN SERVICE</u>	<u>INSTALLATION</u> { C.M. & ST. P. R.Y.
10-8-02	
<u>DATE OF STATE COM. PERMIT</u>	<u>MAINTENANCE</u> { C.R.I. & P. R.Y.
10-8-02	AND
<u>BUILT BY U.S. &amp; S. CO.</u>	<u>OPERATION</u> { C.M. & ST. P. R.Y.
	OWNERSHIP
	REPAIRING C.M. & ST. P. R.Y.
	SAME AS INSTALLATION

REV. 1911

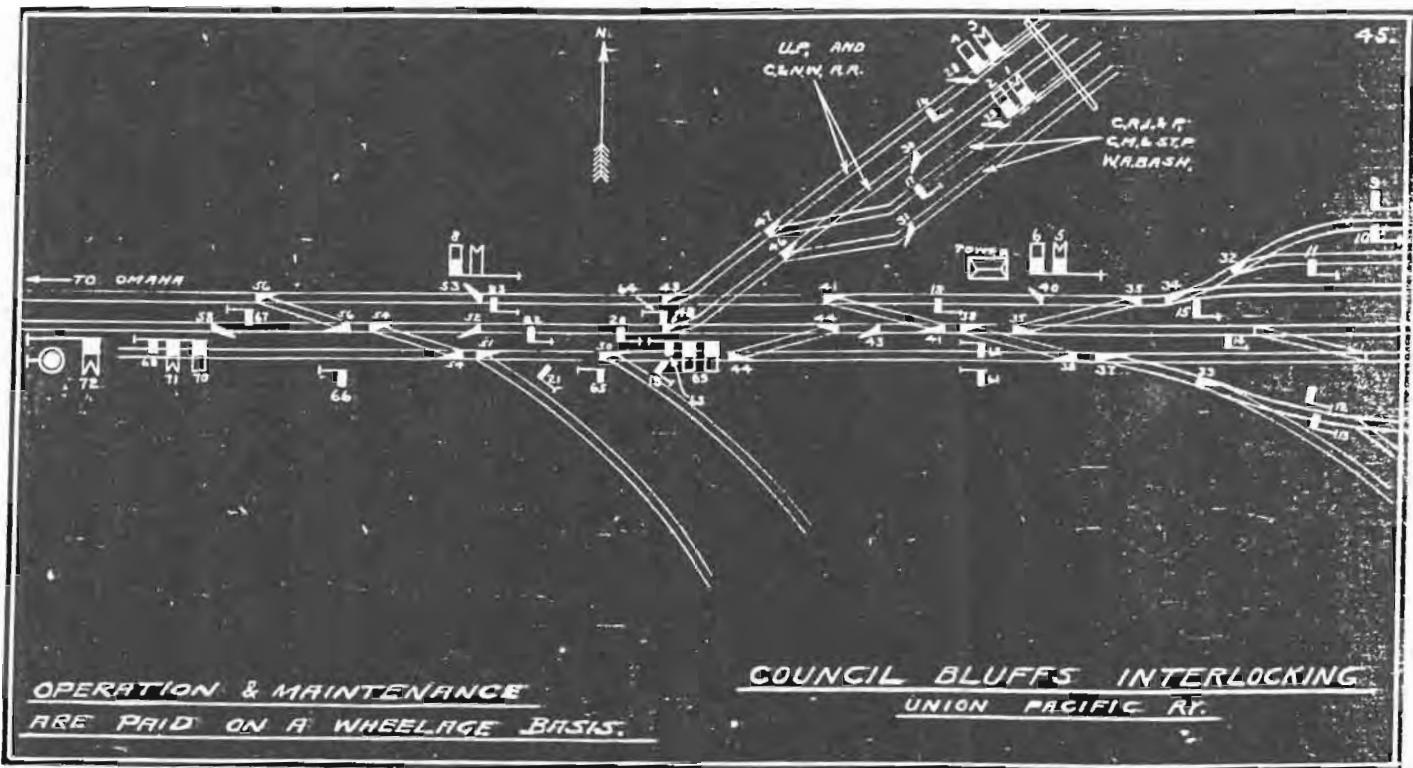


REV. 192?

44

<u><b>CRAGIN INTERLOCKING</b></u>	
<u><b>C. &amp; N.-W. RY. CROSSING C.M. &amp; ST.P. RY.</b></u>	
<b>DATE OF CONTRACT</b> 8-21-99.	<b>AGREEMENT BY CONTRACT</b>
<b>DATE PLANT PUT IN SERVICE</b> MARCH 29-1893. ENLARGED 12-9-02. " 4-2-12.	<b>INSTALLATION SAME AS OPERATION</b>
<b>DATE OF STATE COM. PERMIT</b> (1 <sup>st</sup> ) 8-4-93 (2 <sup>nd</sup> ) 8-27-99 (3 <sup>rd</sup> ) 11-14-99 (4 <sup>th</sup> ) 12-13-02	<b>MAINTENANCE</b> { C&N.W. 44.9% C.M.&ST.P. 55.1%
<b>BUILT BY U.S. &amp; S. CO.</b>	<b>OPERATION</b> { C&N.W. 50% C.M.&ST.P. 50%
	<b>OWNERSHIP SAME AS MAINTENANCE</b>
	<b>REPAIRING - C.M. &amp; ST.P. RY.</b>

REV. 1919

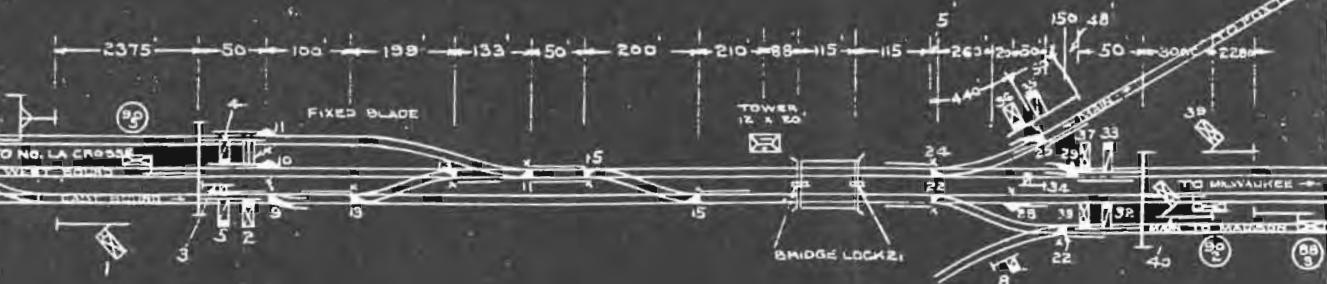


REV. 1911

42

Date Installed 8-5-07

46



DETECTOR APPROACH, ROUTE 2, SECTION LOCKING  
DERAILS 8-25 & 29 ARE C.M.P. ST P LIFT  
10-11 & 29 HAYES

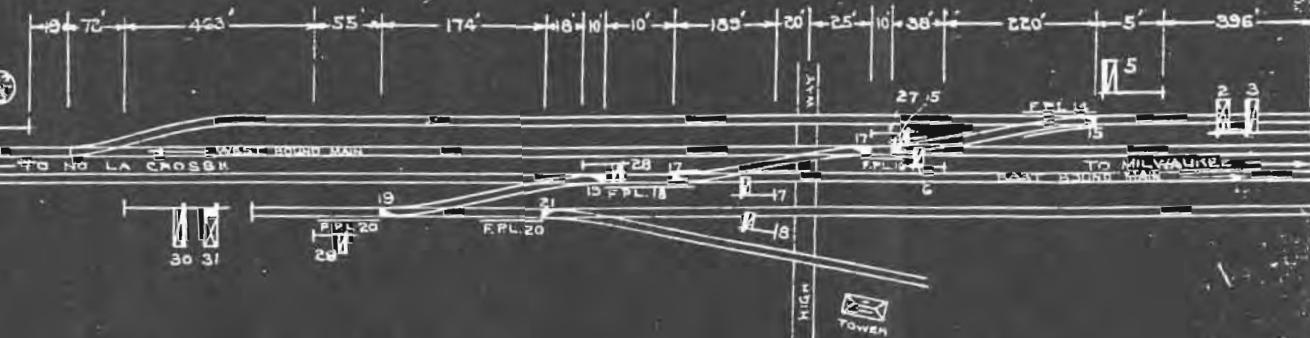
MACHINE  
12 LEVERS WORK 12 HIGH SIGNALS  
3 " " 3 DWARF "  
7 " " 7 SWITCHES  
2 " " 1 SWITCH P.D. DERAIL  
5 " " 5 DERAILS  
1 LEVER WORKS 1 BRIDGE LOCK  
30 WORKING LEVERS  
10 SPARE SPACES 6, 7, 17, 18, 19, 20, 26, 27, 30 & 31  
40 LEVER MACHINE

C-90- PORTAGE DRAW, WIS.  
TRACK E SIGNAL PLAN  
LAX. DIV.

FEB 20 1962 NEW

REV. 1914

47



DATE INSTALLED 8-21-07.

NORMAL INDICATION, APPROACH, ROUTE,  
AND SECTION LOCKING.

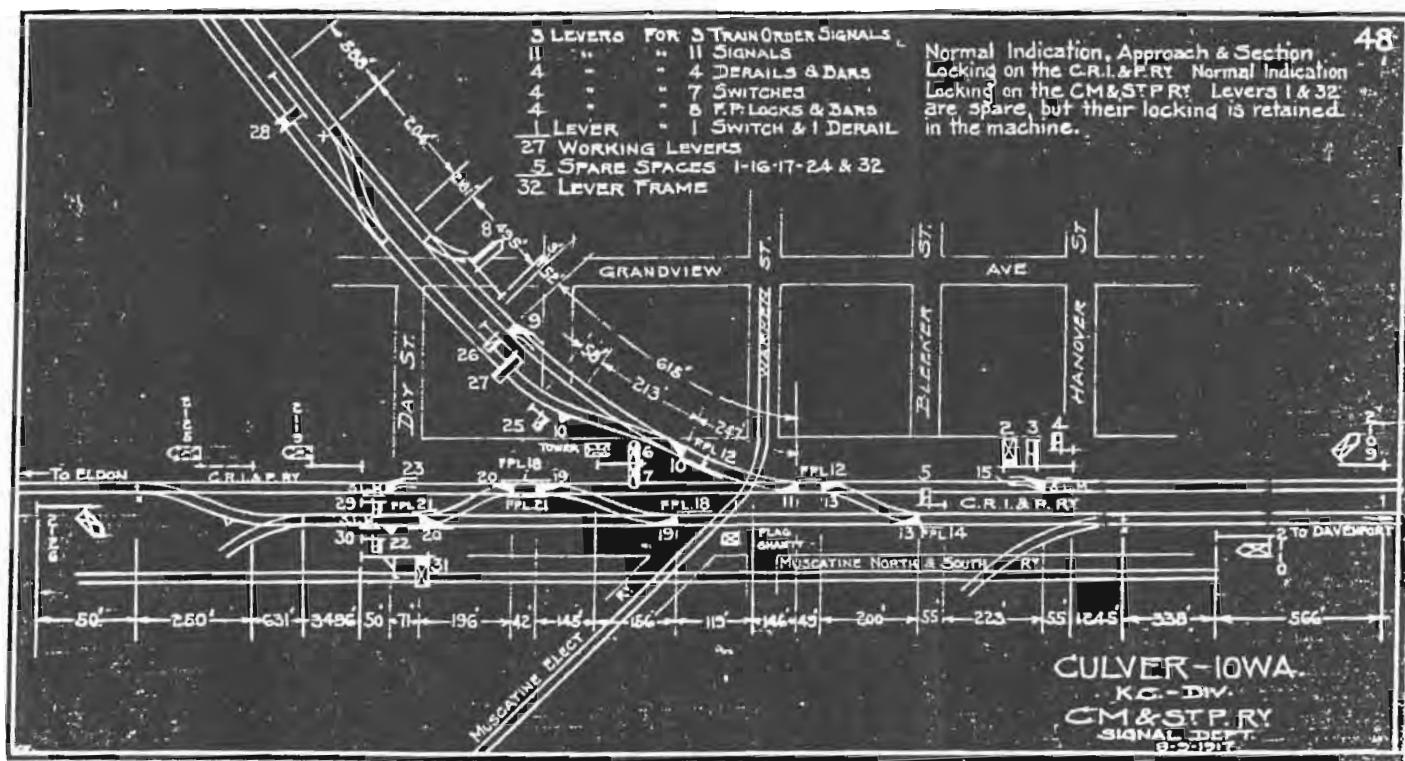
MACHINE  
5 LEVERS WORK 5 HIGH SIGNALS  
6 " " 6 DWARF "  
4 " " 7 SWITCHES  
4 " " 7 F.P. LOCKS  
19 WORKING LEVERS  
13 SPARE SPACES 4, 5, 10, 11, 12, 13, 22, 23, 24, 25, 26 & 32  
32 LEVER MACHINE

C-92- PORTAGE YARD, WIS.  
TRACK E SIGNAL PLAN  
LAX. DIV.

FEB 20 1962 NEW

REV. 1920

43



REV. 1921

48-R

CULVER INTERLOCKING.G.M. & STP. RY. CROSSING C.R.I. & P. RY.DATE BY CONTRACT

AUG-1-1901

AGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICE

JUNE-3-'07

<u>INSTALLATION</u>	{ C.R.I. & P. 100%
<u>AND OWNERSHIP</u>	

DATE OF STATE COM. PERMIT.

JUNE 3-'07.

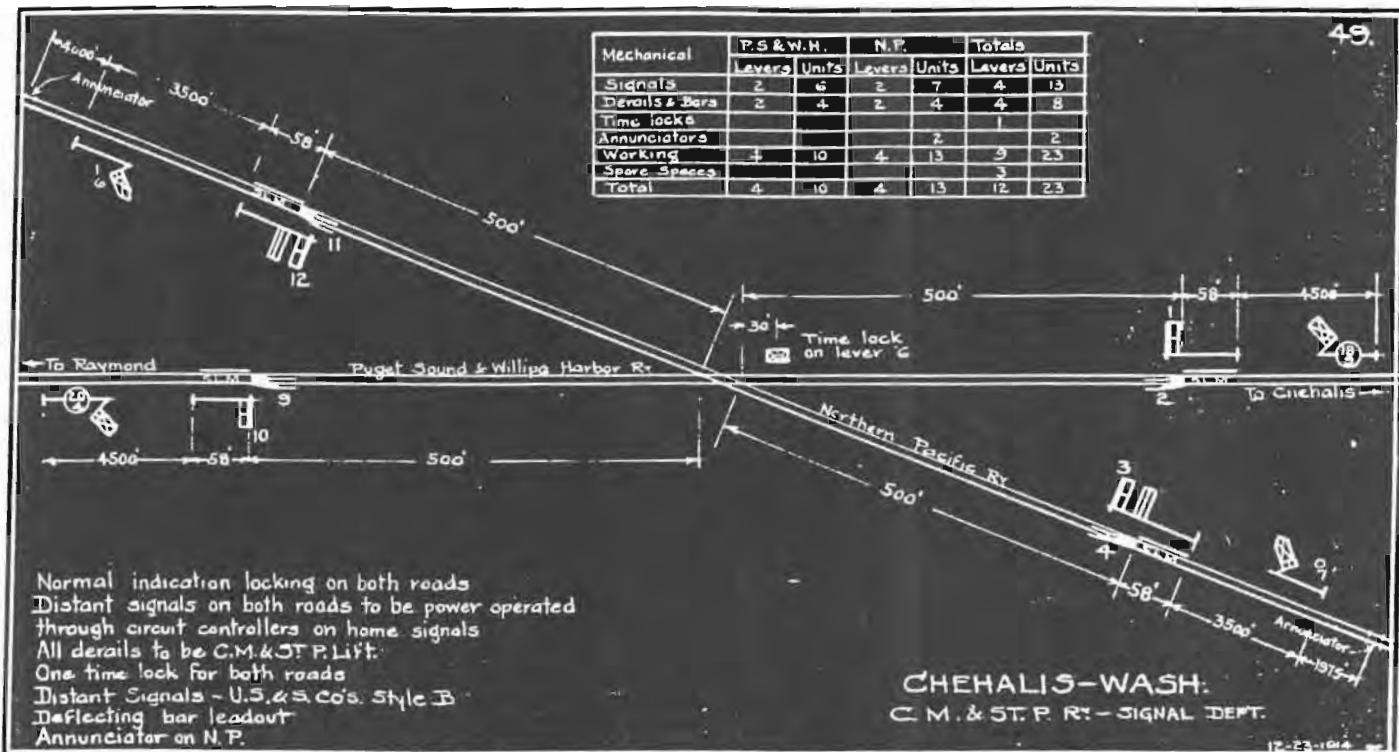
<u>MAINTENANCE</u>	{ C.R.I. & P. 100%
<u>AND</u>	

BUILT BY - C.R.I. & P. RY.

<u>OPERATION</u>	{ C.R.I. & P. 100%
<u>AND</u>	

REPAIRING - C.R.I. & P.

REV. 1911



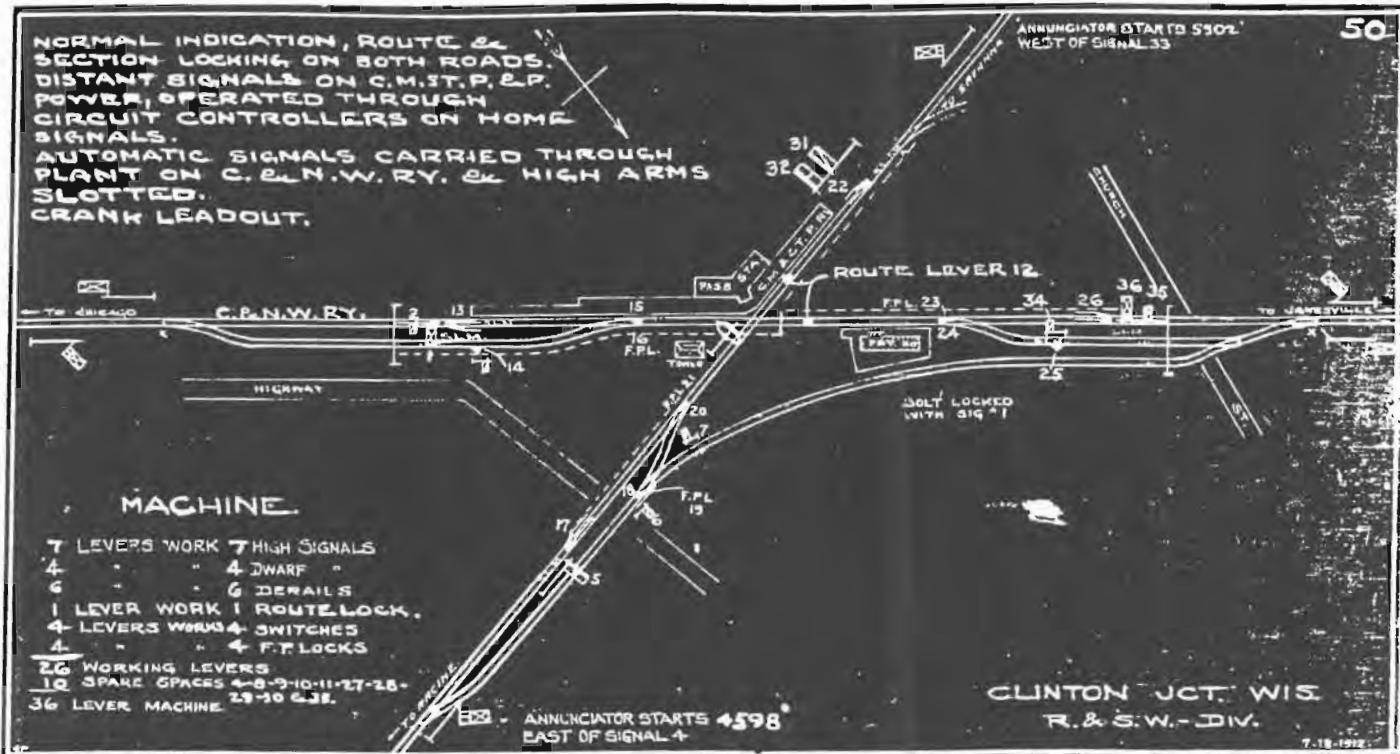
REV. 1915

**CHEHALIS INTERLOCKING**

P.S. &amp; W.H. CROSSING N. P. RY

**DATE OF CONTRACT**  
None**AGREEMENT BY CONTRACT****DATE PLANT PUT IN SERVICE**  
JULY 17 1915.P.S. & W.H. - 100%  
N. P.**DATE OF STATE COM. PERMIT**P.S. & W.H. - 100%  
N. P.**PLANT BUILT BY**  
C.M. & ST. P.P.S. & W.H. - 100%  
N. P.**REPAIRING**P.S. & W.H. - 100%  
N. P.

REV. 1915



REV. 1929

## CLINTON JCT. INTERLOCKING

C.M. &amp; ST.P.RY. CROSSING C.&amp;N.W.RY.

DATE OF CONTRACT

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
NOV-15-1912.INSTALLATION OWNERSHIP  
C.M. & ST.P. 20/37 - 54.05%  
C&N.W. 17/37 - 45.95%

EFFECTIVE FEB. 21-1927

DATE OF STATE COM. PERMIT

MAINTENANCE  
C.M. & ST.P. 20/37 - 54.05%  
C&N.W. 17/37 - 45.95%

EFFECTIVE FEB. 21-1927

PLANT BUILT BY

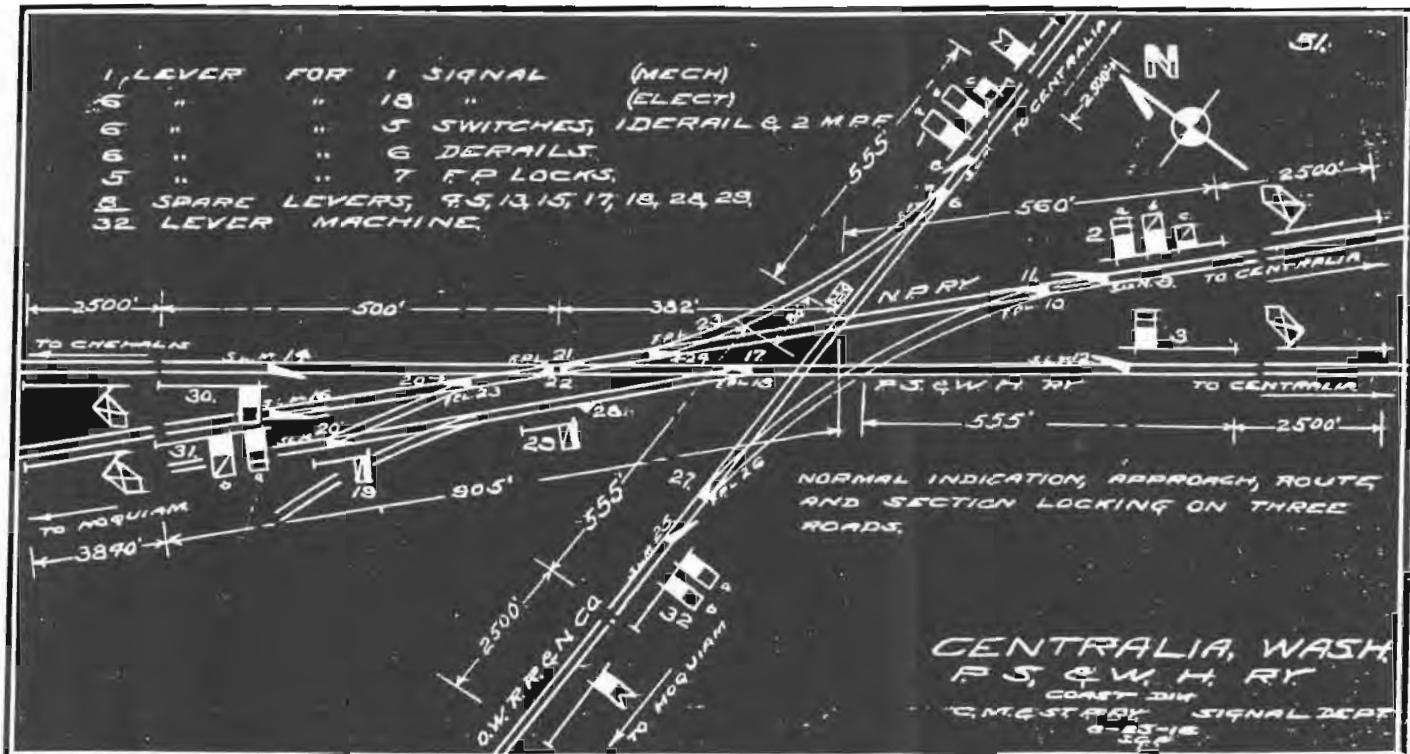
OPERATION  
C.M. & ST.P. 50%  
C&N.W. 50%

REPAIRING

C.B&amp;N.W.RY.

REV. 1929

46



REV. 1916

51A

### CENTRALIA, WASH. INTERLOCKING. ALSO KNOWN AS BLAKESLEE JCT.

P. S. & W. H. CROSSING O. W. R. & N. P. & N.P.

DATE OF CONTRACT  
 8-21-1914  
 10-8-1914

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE

INSTALLATION &  
 OWNERSHIP

{ 100% TO RY. CO. MAKING  
 CHANGES OR ADDITIONS.

DATE OF STATE COMM. PERMIT

MAINTENANCE

{ P. S. & W. H. RY 48.6  
 { O. W. R. & N. RY 36.7  
 { N. P. RY -- 14.7

PLANT BUILT BY

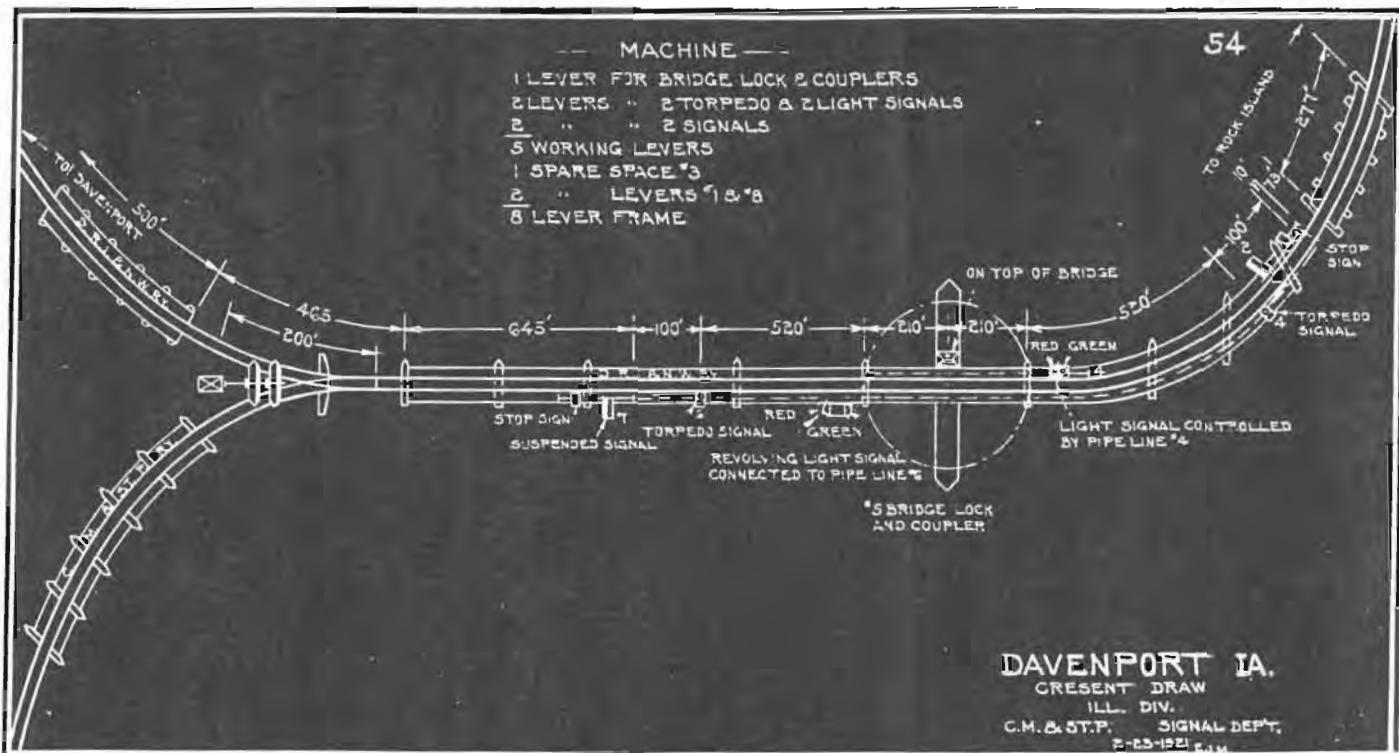
OPERATION

{ P. S. & W. H. RY 48.6  
 { O. W. R. & N. RY 36.7  
 { N. P. RY -- 14.7

REPAIRING

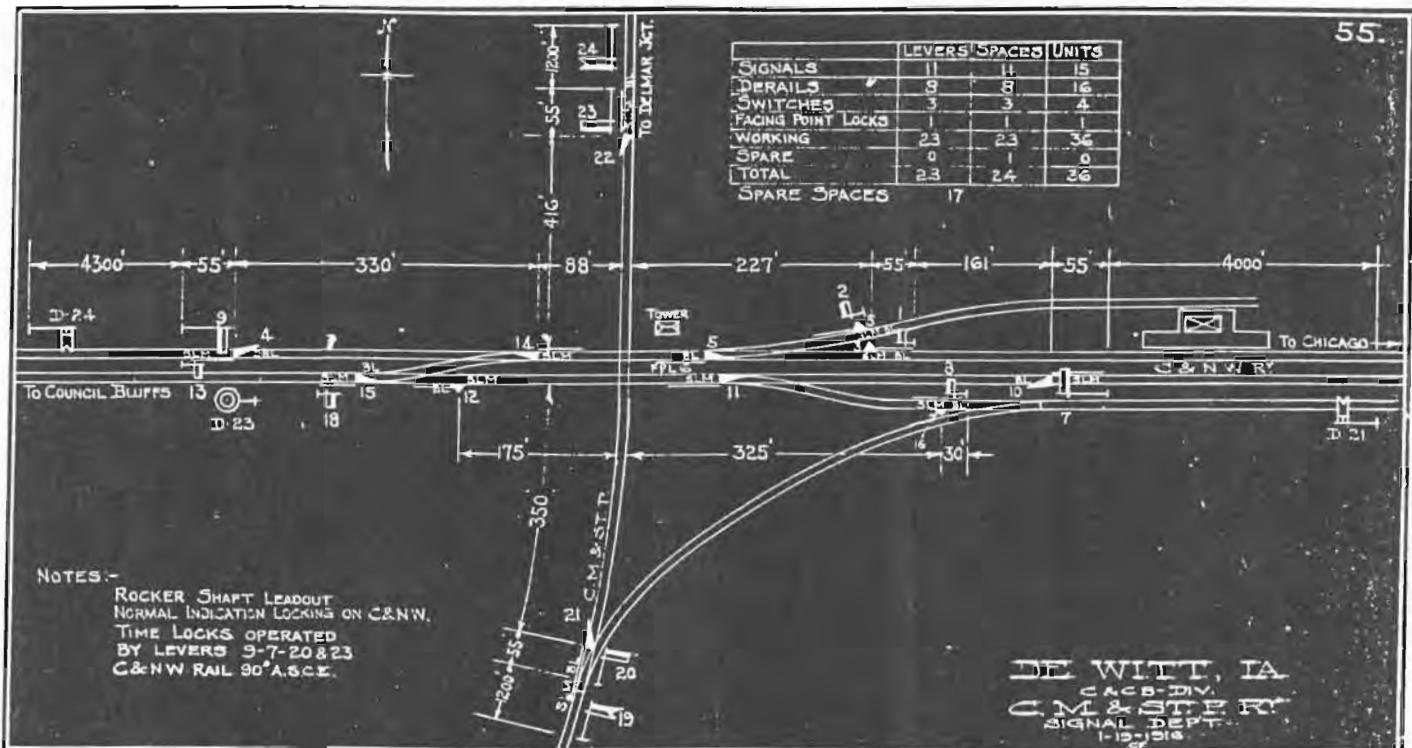
O. W. R. & N. RY

REV. 1916



	54-A
DAVENPORT IA. CRESENT DRAW	
C.M. & ST.P.R.Y. JOINT WITH D.R.I.&N.W.R.Y.	
DATE OF CONTRACT	AGREEMENT BY CONTRACT
FEB. 27-1901	C.M. & ST.P. 0% C.B. & Q. 0% D.R.I. & N.W. 100%
DATE PLANT PUT IN SERVICE	INSTALLATION
1902	C.M. & ST.P. 0% C.B. & Q. 0% D.R.I. & N.W. 100%
DATE OF STATE COM. PERMIT	OWNERSHIP
	C.M. & ST.P. 0% C.B. & Q. 0% D.R.I. & N.W. 100%
PLANT BUILT BY	MAINTENANCE
D.R.I. & N.W.R.Y.	C.M. & ST.P. 0% C.B. & Q. 0% D.R.I. & N.W. 100%
	WHEELAGE BASIS
	OPERATION
	C.M. & ST.P. 0% C.B. & Q. 0% D.R.I. & N.W. 100%
	WHEELAGE BASIS
	REPAIRING
	C.M. & ST.P.

REV. 1921



REV. 1917

35A

## DE WITT INTERLOCKING

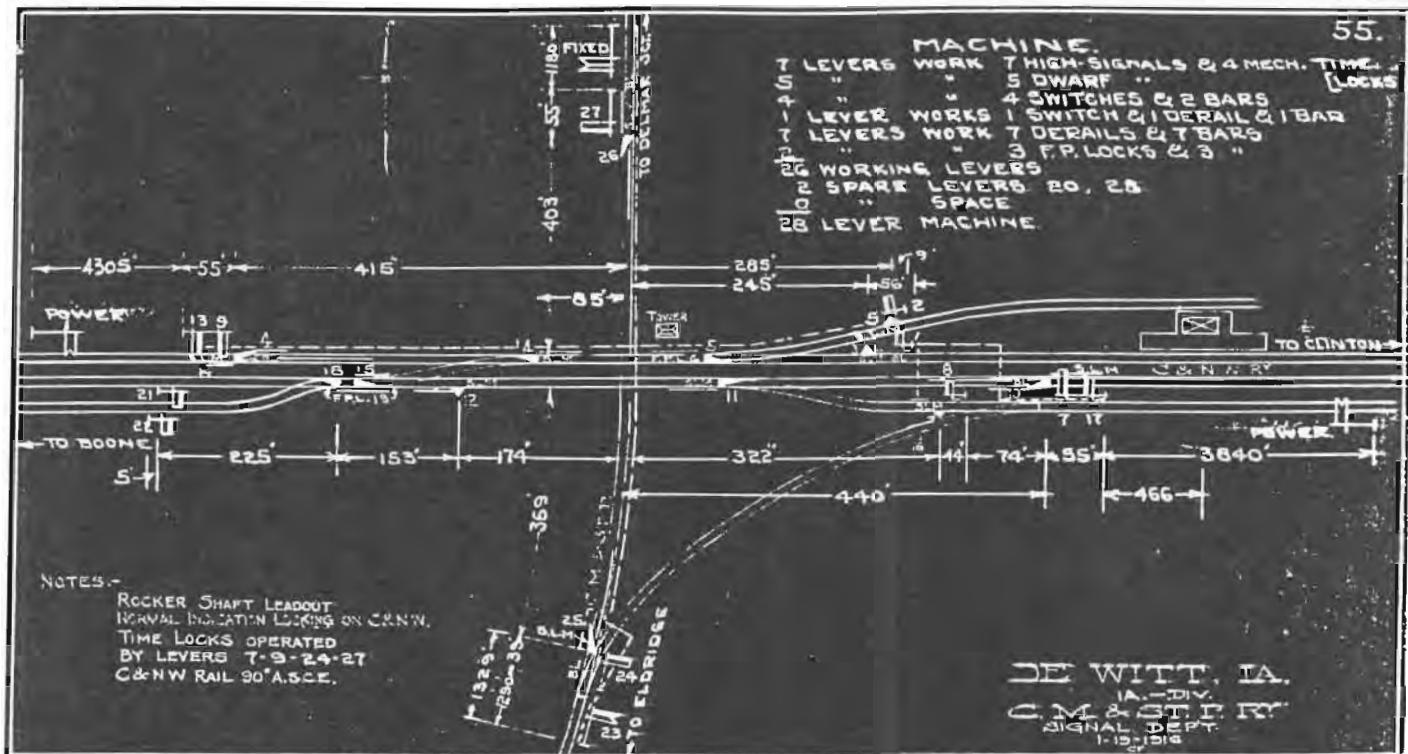
C. M. & STP. RY. CROSSING C. & N.W. R.Y.

<u>DATE OF CONTRACT</u>	<u>AGREEMENT BY CONTRACT</u>
5-18-00	
<u>DATE PLANT PUT IN SERVICE</u>	
DECEMBER 10 <sup>TH</sup> 1900	
<u>DATE OF STATE COM PERMIT</u>	
HE - ISSUED 8-23-1915 RE-ISSUED 5-18-1915 DECEMBER 10 <sup>TH</sup> 1900	
<u>BUILT BY U. S. &amp; S. C:</u>	

<u>INSTALLATION AND OWNERSHIP</u>	C. M. & STP. RY. 33 1/3 %
	C. & N.W. R.Y. 66 2/3 %
<u>MAINTENANCE</u>	C. M. STP. RY. 33 1/3 %
<u>OPERATION AND SUPPLIES</u>	C. & N.W. R.Y. 66 2/3 %
<u>REPAIRING</u>	C. & N.W. R.Y.

REV. 1911

49



REV. 1926

55-A

## DE WITT INTERLOCKING

C. M. & ST P. RY. CROSSING C. & N. W. RY.

DATE OF CONTRACT.

MAY 18<sup>TH</sup> 1900

DATE PLANT PUT IN SERVICE

DECEMBER 10<sup>TH</sup> 1900

DATE OF STATE COM PERMIT

RE-ISSUED 6-23-1916  
RE-ISSUED 3-10-1915

DECEMBER 10<sup>TH</sup> 1900.

BUILT BY U. S. & S. C:

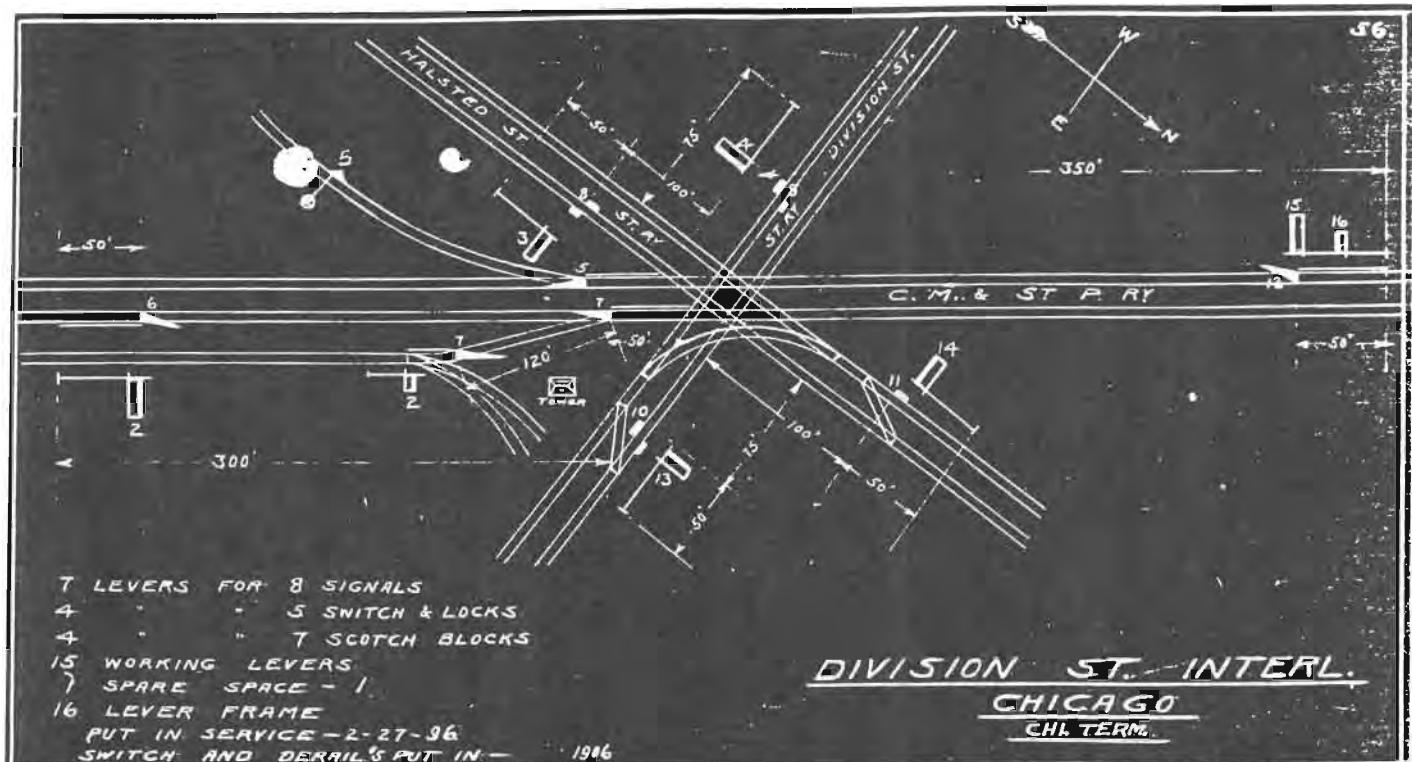
AGREEMENT BY CONTRACT.

<u>MAINTENANCE</u>	C. M. & ST P. RY. 21.05%
<u>OWNERSHIP</u>	C. & N.W. RY. 78.95%

<u>OPERATION</u>	C. M. ST P. RY 53 $\frac{1}{3}$ %
	C. & N.W. RY 66 $\frac{2}{3}$ %

MAINTAINED BY C. & N.W. RY.

REV. 1926



REV. 1911

5GA

## DIVISION AND HALSTED STREET INTERLOCKING

N.C. ST. RR. CROSSING CM&amp;ST P RY

DATE OF CONTRACT

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE

INSTALLATION OWNERSHIP

{ CM&STP --  
N.C. ST. RR - 100%

DATE OF STATE COM. PERMIT

MAINTENANCE

{ CM&STP --  
N.C. ST. RR - 100%

PLANT BUILT BY

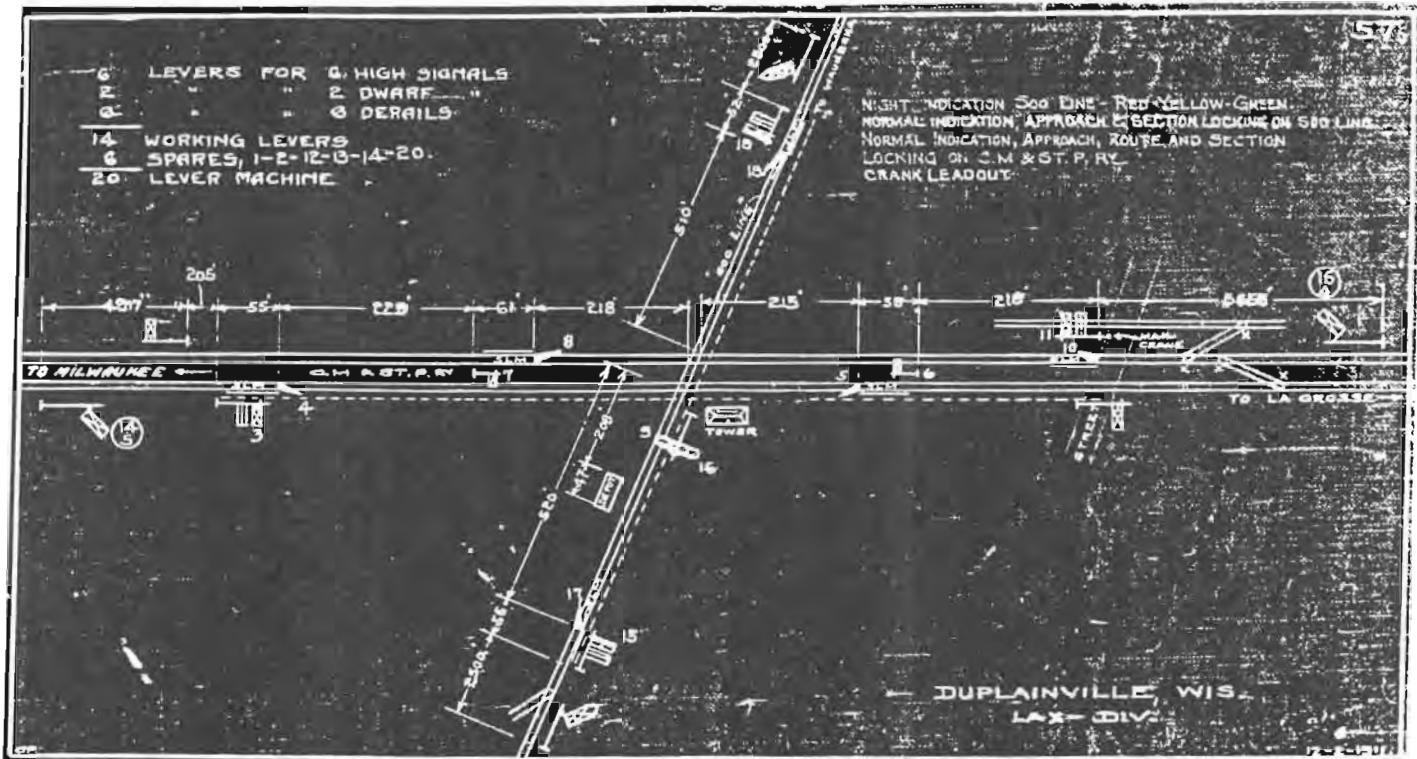
OPERATION

{ CM&STP - 100%  
N.C. ST. RR -

REPAIRING

{ CM&STP - 100%  
N.C. ST. RR -

REV. 1917



REV. 1920

57-4

## DUPLAINVILLE INTERLOCKING

M.S.T.P. & S.S.M.R.Y. XING. C.M. & S.I.P.R.Y.

DATE OF CONTRACT

6-6-'02

DATE PLANT PUT IN SERVICE

OCT.-'89

ENLARGED: DEC. 17-'02

DATE OF STATE COM. PERMIT.

12-17-'02

BUILT BY U.S. & S. CO.

ENLARGED BY C.M. & S.I.P.R.Y.

AGREEMENT BY CONTRACT.

MAINTENANCE

C.M. & S.I.P. - \$500  
M.S.T.P. & S.S.M. - \$400

OPERATION

C.M. & S.I.P. PAY \$20.00  
STATION SERVICE & % OF  
LEVERMEN'S WAGES OVER \$80.  
See LINE - REST.

OWNERSHIP

SAME AS MAINTENANCE

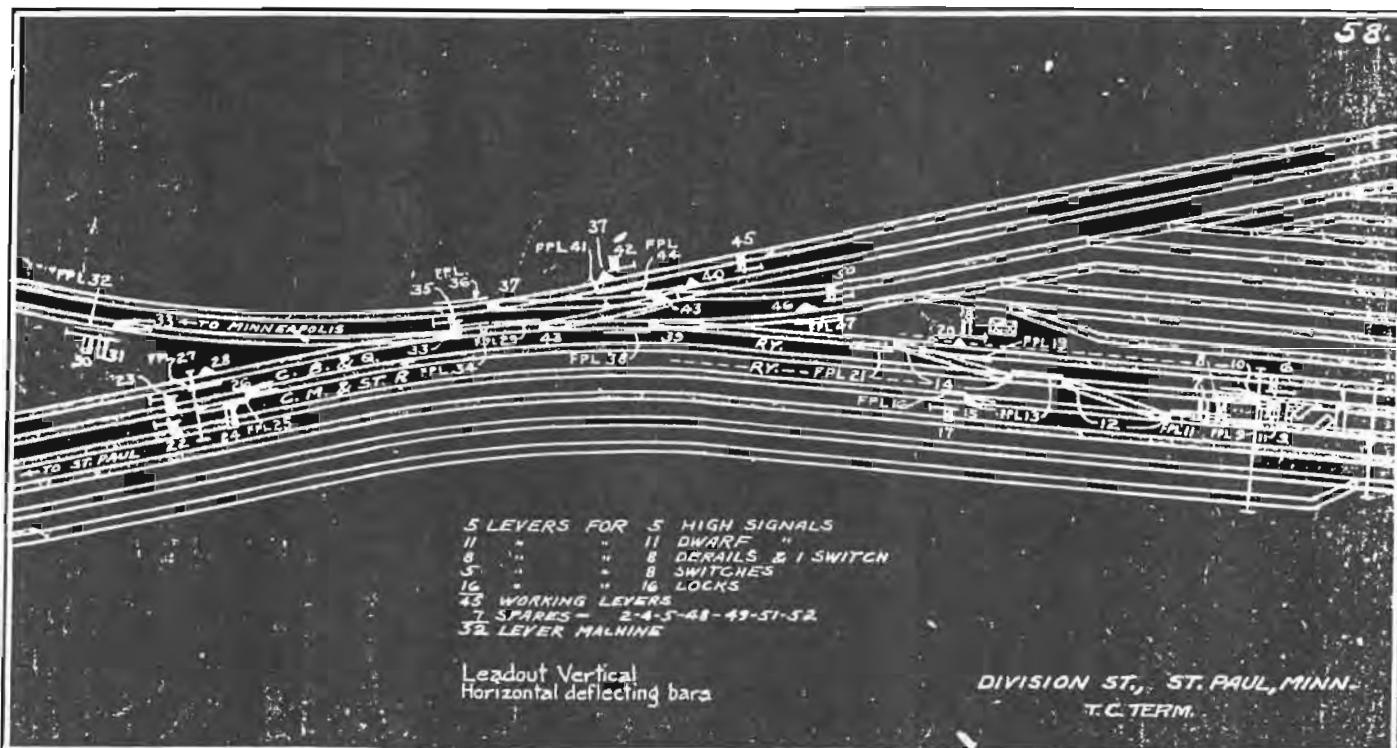
REPAIRING - C.M. & S.I.P.R.Y.

J.C.M.  
10-22-50

REV. 1911

52

584



REV. 1919

DIVISION ST. INTERLOCKING—ST. PAUL.

C.M. & ST.P. RY CROSSING C.B. & Q. RY

**DATE OF CONTRACT**

**AGREEMENT BY CONTRACT**

**DATE PLANT PUT IN SERVICE**  
APRIL-27-1910

**INSTALLATION** } AND C.B. & Q. 100%  
**OWNERSHIP** }

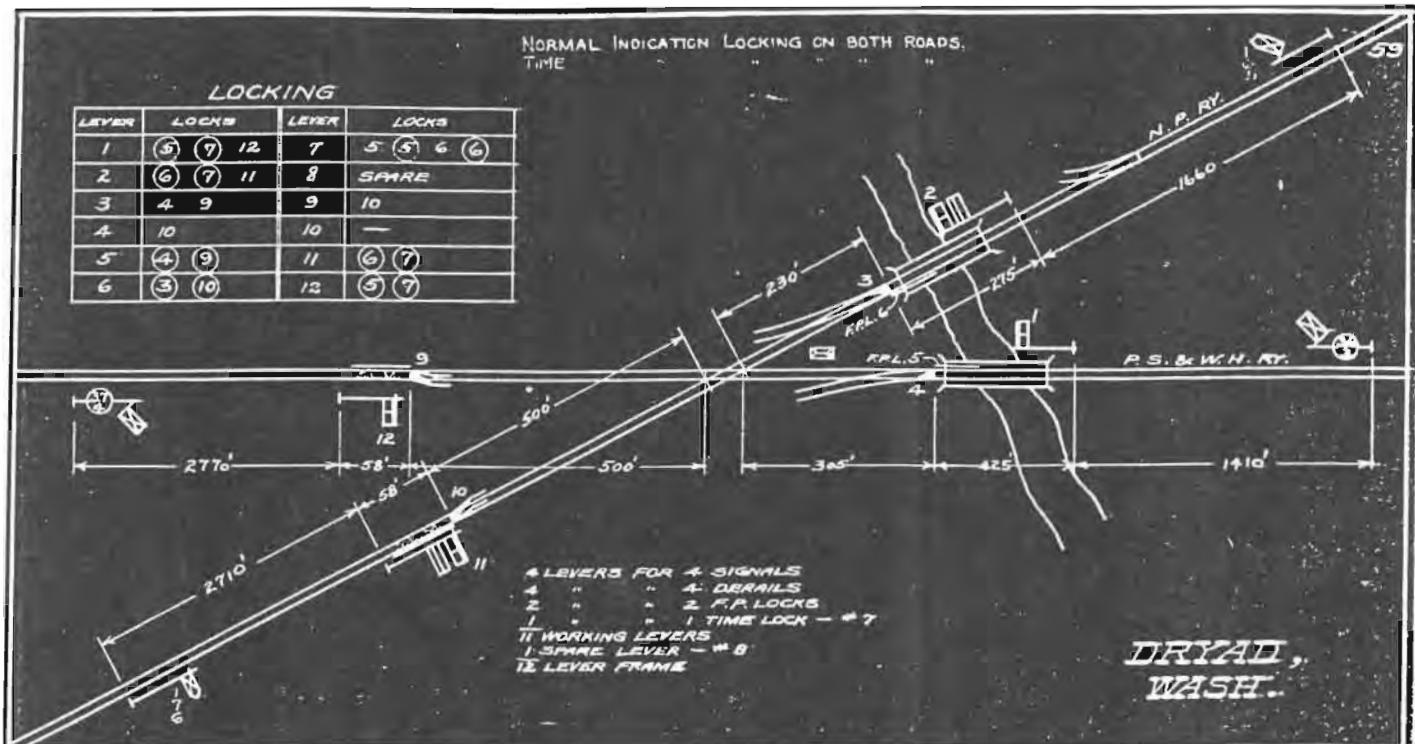
DATE OF STATE COM. PERMIT  
APRIL 25-1910

MAINTENANCE - C. B. & Q. 100%

**BUILT BY—SB&SE**

**OPERATION - C. B. & Q. 100%**

REV. 1911



REV. 1915

53-A

**DRYAD INTERLOCKING****P.S. & W.H.R.Y. CROSSING NOR. PAC. RY.****DATE OF CONTRACT**  
None**AGREEMENT BY CONTRACT****DATE PLANT PUT IN SERVICE**  
July - 2 - 1915.**INSTALLATION &  
OWNERSHIP** C.M. & ST.P. 100%**DATE OF STATE COMM. PERMIT****MAINTENANCE** C.M. & ST.P. 100%**PLANT BUILT BY**  
C.M. & ST.P. RY**OPERATION** C.M. & ST.P. 100%**REPAIRING**

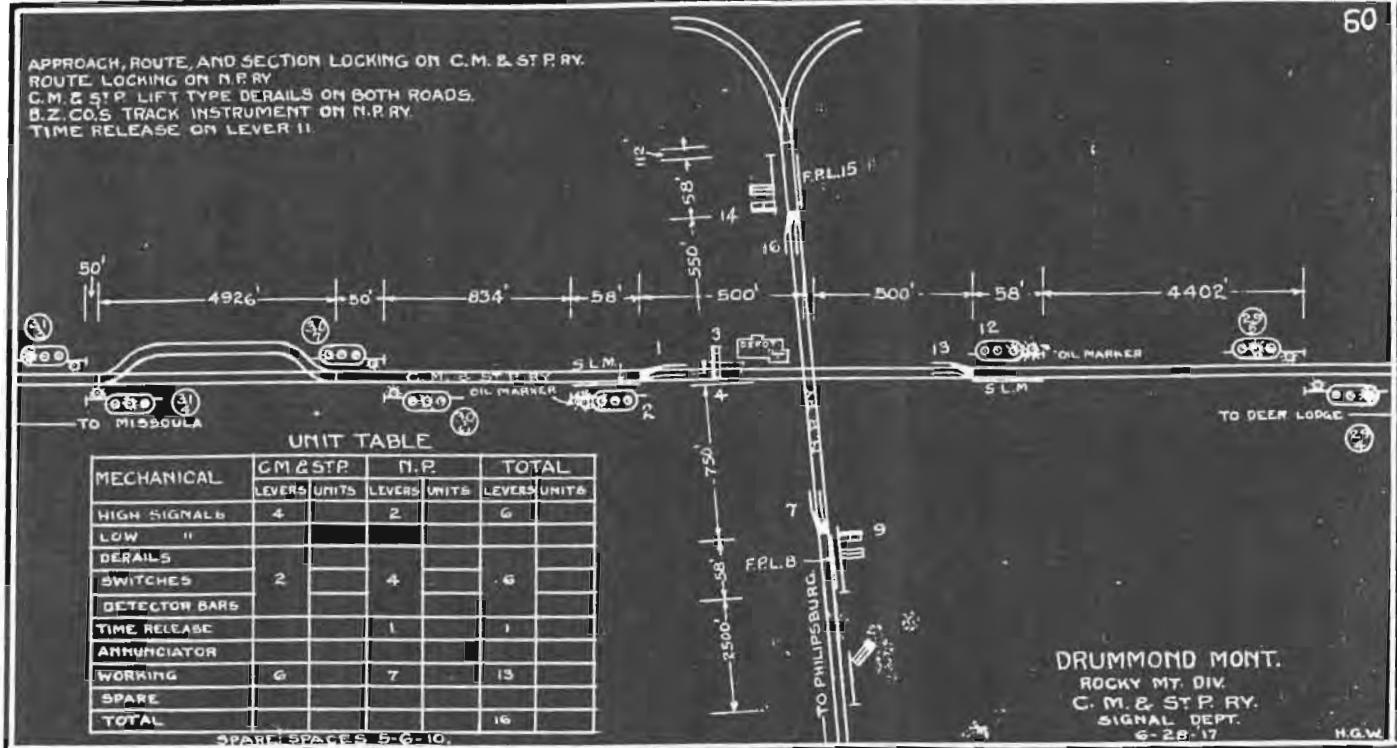
C.M. &amp; ST.P. 100%

REV. 1915

54

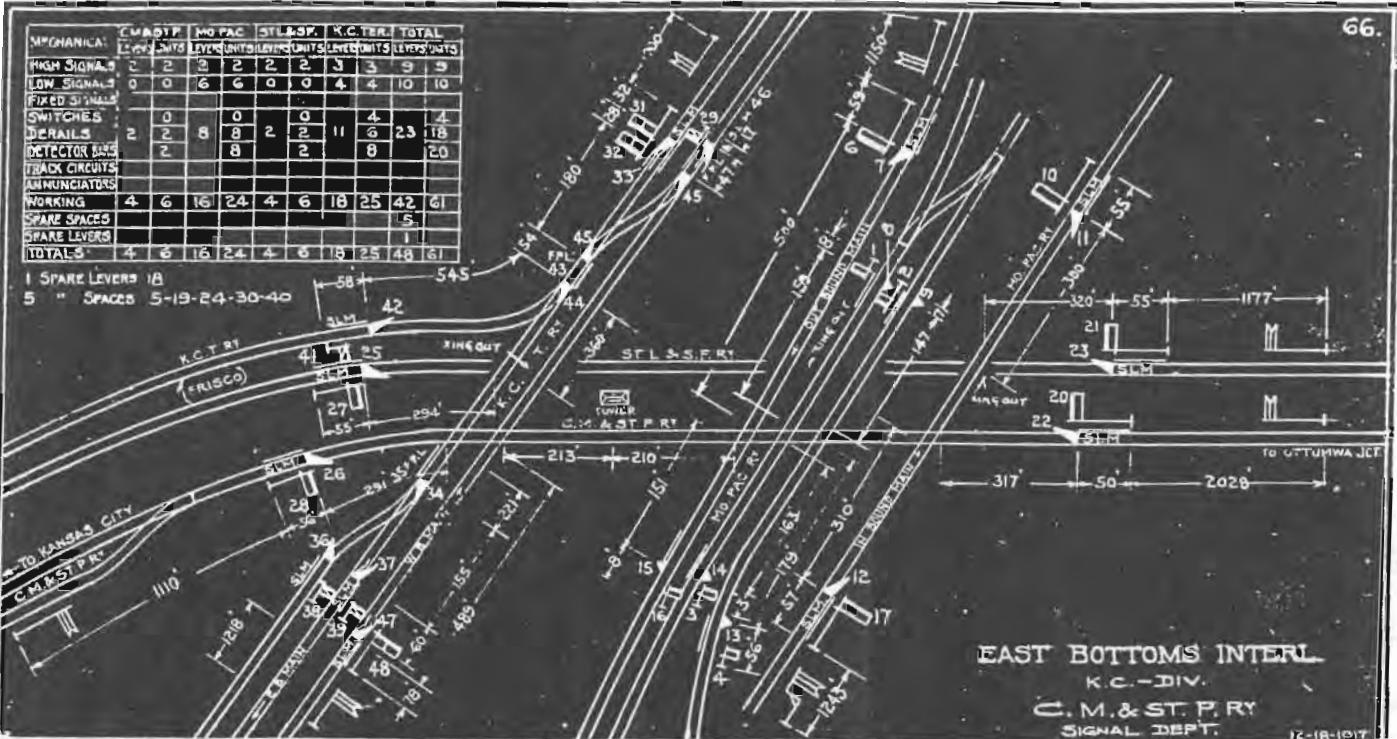
60

APPROACH, ROUTE, AND SECTION LOCKING ON C.M. & ST P.R.Y.  
ROUTE LOCKING ON N.P.R.Y.  
C.M. & STP. LIFT TYPE DERAILS ON BOTH ROADS.  
B.Z.C.O.S. TRACK INSTRUMENT ON N.P.R.Y.  
TIME RELEASE ON LEVER 11.



REV. 1920

66.



REV. 1917

66-A

## EAST BOTTOMS INTERLOCKING

C.M. &amp; ST P.R.Y. - STL. &amp; S.F - K.C. TRML. - MO. P. - C. &amp; A. RY CO'S.

## DATE OF CONTRACT

5-28-92.

SUPPLEMENTARY 9-14-12.

## DATE PLANT PUT IN SERVICE

5-6-94

K.C. TRML. CO'S CONNECTION - 6-13-11.

## DATE OF STATE COM. PERMIT

BUILT BY - U. S. &amp; S. CO.

## AGREEMENT BY CONTRACT

OWNERSHIP AND MAINTENANCE  
REVISED 9-22-1971.

K. C. TRML. - $\frac{2}{5}$ OF $\frac{5}{6}$ = $\frac{1}{3}$ 50%	C.M. & ST.P. - $\frac{1}{5}$ " $\frac{5}{6}$ = 16.7%
ST.L & SF - $\frac{1}{5}$ .. $\frac{5}{6}$ = 16.7%	MO. PAC - $\frac{1}{5}$ .. $\frac{5}{6}$ = 16.7%

OPERATION — C.M. & ST.P. - 25 %  
ST.L & SF - 25 %

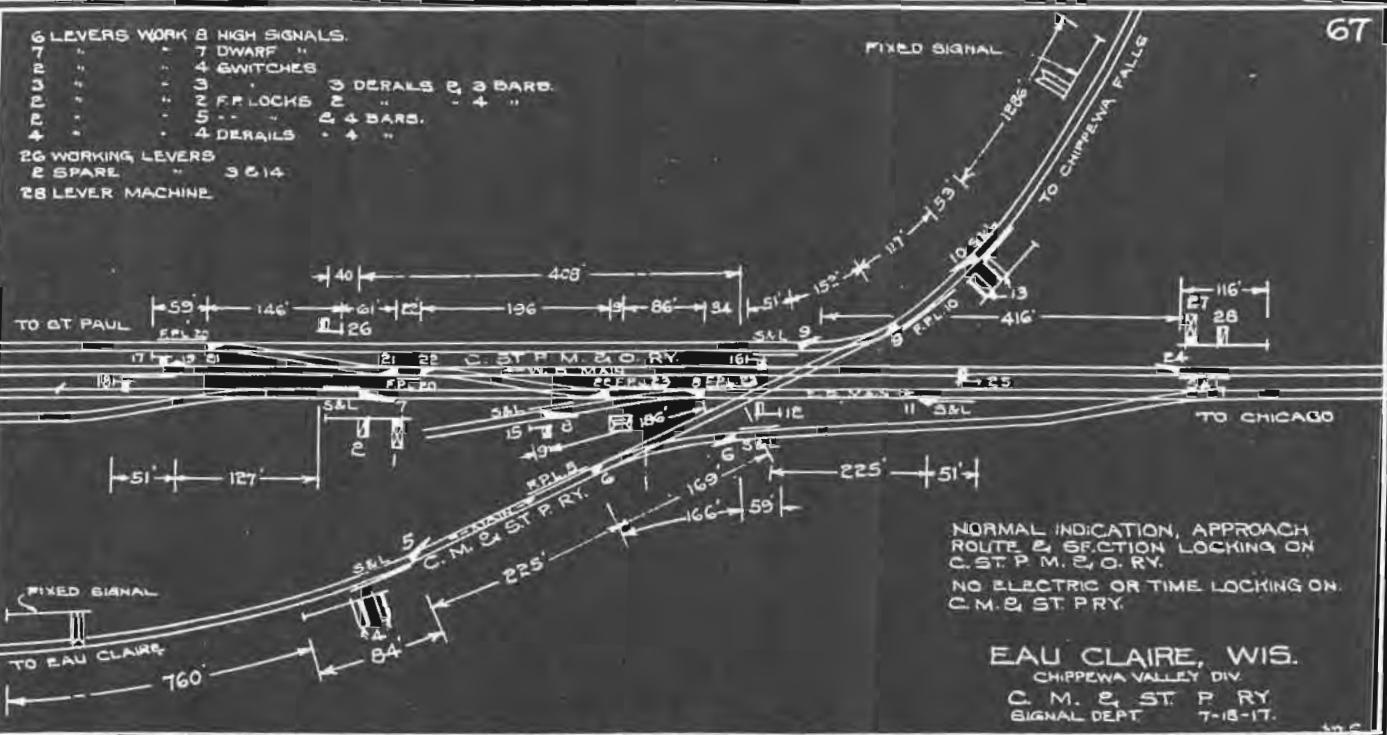
REPAIRING — C.M. &amp; ST.P. -

REV. 1917

67

6 LEVERS WORK 8 HIGH SIGNALS.  
 7 " " 7 DWARF "  
 2 " " 4 SWITCHES  
 3 " " 3 DERAILS 2, 3 BARS.  
 2 " " 2 F.F. LOCKS 2 " 4 "  
 2 " " 5 " " 2, 4 BARS.  
 4 " " 4 DERAILS " 4 "

26 WORKING LEVERS  
 2 SPARE " 3 614.  
 28 LEVER MACHINE



REV. 1917

61-A.

# EAU. CLAIRE INTERLOCKING

C. M & ST P. RY CROSSING C. ST P. M. & O. RY.

DATE OF CONTRACT

OCT 16 - 96.

SUPPLEMENTARY AGREEMENT

DATE PLANT PUT IN SERVICE

OCT. 13 - 96.

C S I P M & O. ADDITION MADE 1-17-01.

DATE OF STATE COM. PERMIT

OCT. 16 - 95.

2ND PERMIT 1-17-01.

BUILT BY C. M. & ST P. RY.

COST COMPLETE \$6556

COMPLETE WITH ADDITION \$9264.

AGREEMENT BY CONTRACT

INSTALLATION

$$\begin{cases} C. ST P. M. & O = 50\% \\ C. M & ST P = 50\% \end{cases}$$

MAINTENANCE AND SUPPLIES

$$\begin{cases} C. ST P. M. & O = 64\% \\ C. M & ST P = 36\% \end{cases}$$

OPERATION AND TOWER SUPPLIES

$$\begin{cases} C. ST P. M. & O = 50\% \\ C. M & ST P = 50\% \end{cases}$$

OWNERSHIP

SAME AS MAINTENANCE

REPAIRING

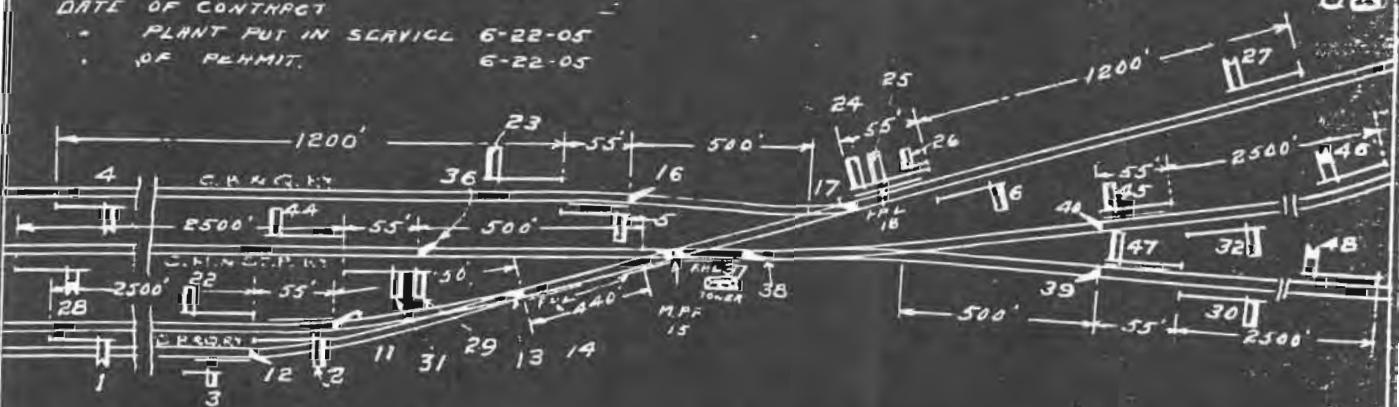
C. ST P. M. & O.

J.C.M.  
12-31-01

REV. 1911

68

DATE OF CONTRACT  
PLANT PUT IN SERVICE 6-22-05  
OF PERMIT. 6-22-05



20 LEVERS FOR 20 HIGH SIGNALS

2 LOW "

6 DEADAILS

3 SWITCHES

5 F.P.L.

1 FAIR M.P.F.

35 WORKING LEVERS

13 SPARE SPACES 7-B-9-10-19-20-21-33-34-35-31-42-43

48 LEVER FRAME

NORMAL POSITION, ROUTE AND SECTION LOCKING ON C.M. & ST P.  
ROUTE AND SECTION LOCKING ON C.B. & Q. RY.

EBNER INTERLOCKING  
C.B. & Q. XING C.M. & ST P.

7-13-05

REV. 1911

57

68A

**ELBERON - IOWA - C&B & Q XING C.M. & STP.**

DATE OF 1<sup>st</sup> CONTRACT 4-30-04

" " 2<sup>nd</sup> " 1-10-05

PLANT PUT IN SERVICE 6-22-05

OF STATE PERMIT 6-22-05

**AGREEMENT**

MAINTENANCE **C.B.&Q** **CM&STP**

OPERATION - **C.B.&Q** **CM&STP**

OWNERSHIP - SAME AS OPERATION

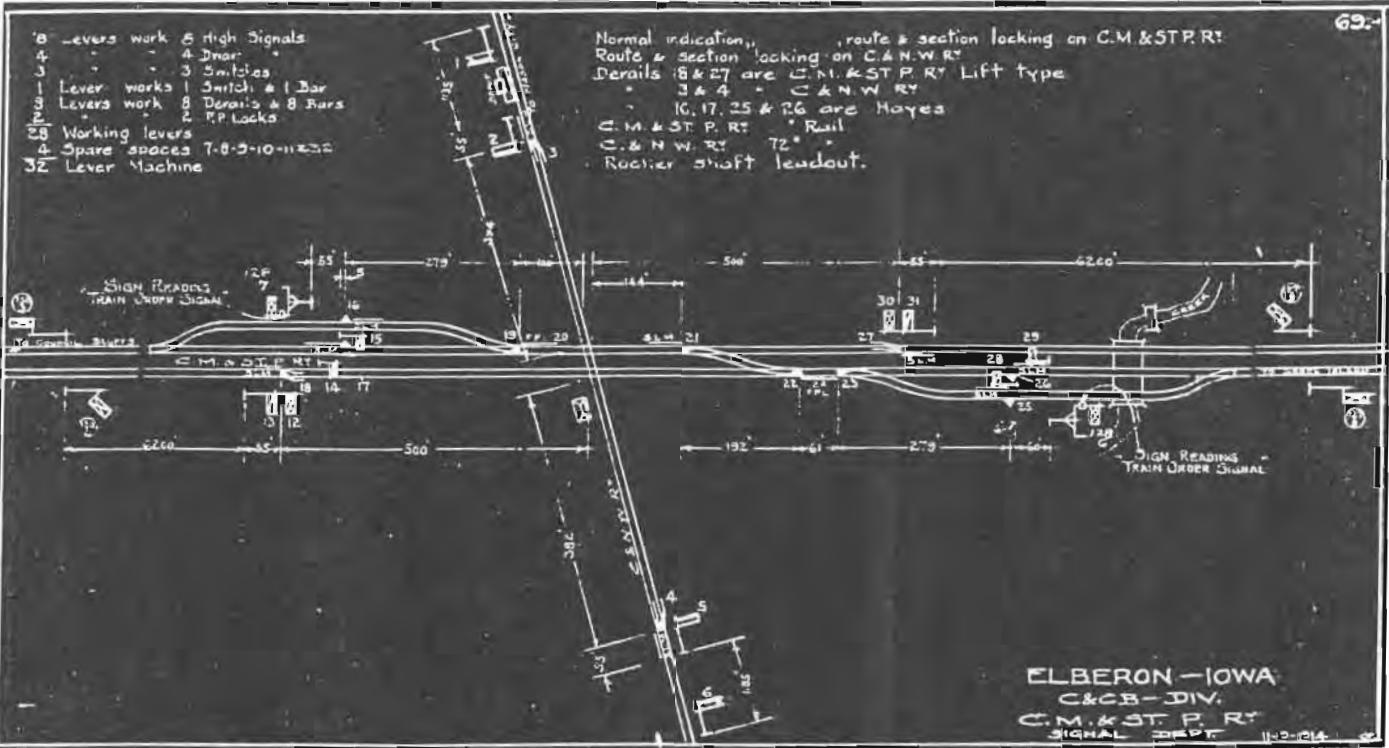
REPAIRING - **C.M. & STP**

REV. 1911

69-

8 Levers work 5 High Signals  
4 " " 4 Dials  
3 " " 3 Switches  
1 Lever works 1 Switch & 1 Bar  
3 Levers work 8 Details & 8 Bars  
2 " " 2 P.P. Locks  
28 Working levers  
4 Spare splices 7-8-9-10-11-12-13  
32 Lever Machine

Normal indication, route & section locking on C.M. & STP.R.Y.  
Route & section locking on C.A.N.W.R.Y.  
Details 16 & 27 are C.M. & STP.R.Y. Lift type  
3 & 4 C & N.W.R.Y.  
16, 17, 25 & 26 are Hayes  
C.M. & STP.R.Y. Rail  
C.A.N.W.R.Y. 72°  
Rocker shaft leadout.



REV. 1915

## ELBERON INTERLOCKING

CM &amp; ST. P RY CROSSING C &amp; NW RY

## DATE OF CONTRACT

11-11-99  
SUP. 9-3-13

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

JULY-17-1900  
REBUILT MAR-16-14

## INSTALLATION OWNERSHIP

 $\begin{cases} \text{CM & STP} & 23.68\% \\ \text{C & NW} & 76.32\% \end{cases}$ 

## DATE OF STATE COM. PERMIT

JULY-19-1900  
ISSUED 9-8-1915

## MAINTENANCE

 $\begin{cases} \text{CM & STP} & 23.68\% \\ \text{C & NW} & 76.32\% \end{cases}$ 

## PLANT BUILT BY

U. S. &amp; S. CO.

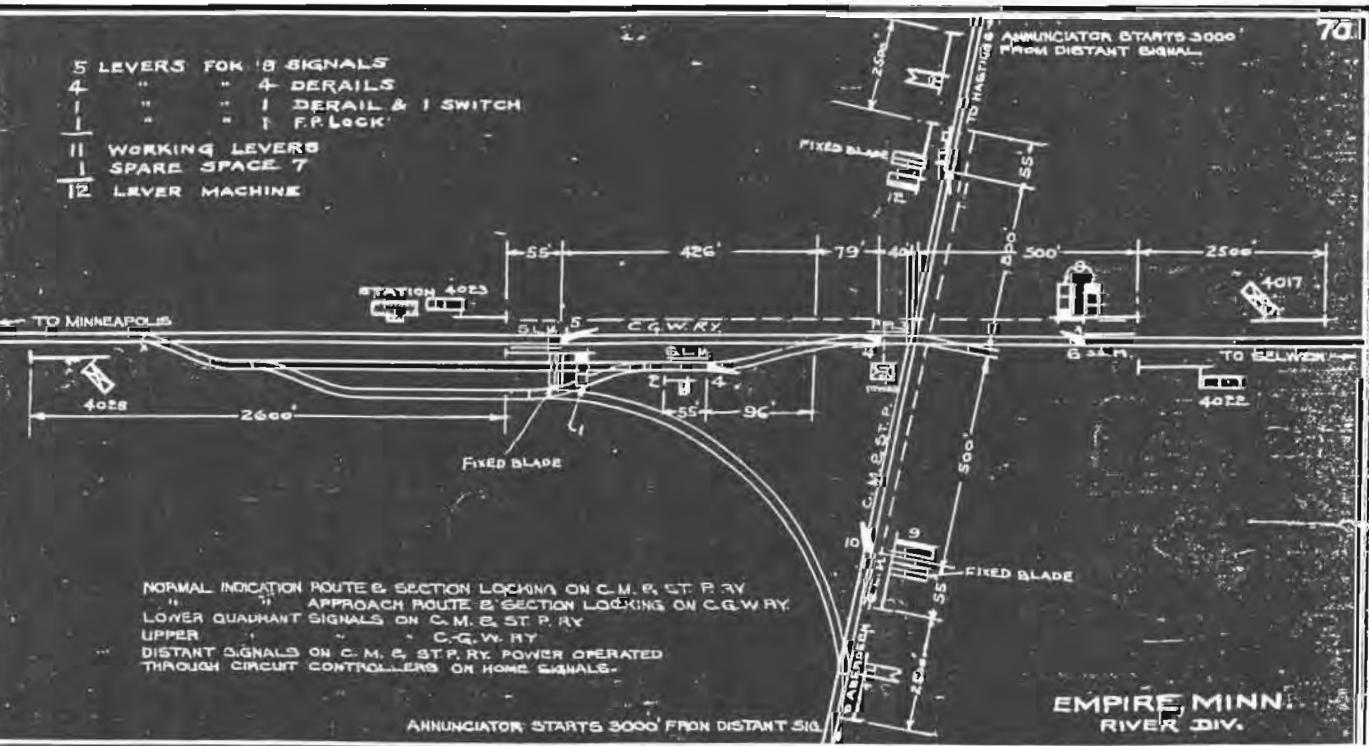
## OPERATION

 $\begin{cases} \text{C & NW} & 66\frac{2}{3}\% \\ \text{CM & STP} & 33\frac{1}{3}\% \end{cases}$   
 C&N.W. PAYS  $\frac{2}{3}$  OF 2 LEVER-  
MANS WAGES CM&S.P. BAL.
 

## REPAIRING

C &amp; NW

REV. 1919



REV. 1915

TO-A

EMPIRE INTERLOCKINGC.G.W.RY. CROSSING C.M.&ST.P.RY.

DATE OF CONTRACT  
3-1-1900.

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
3-15-01.

MAINTENANCE - C.G.W - 50%  
C.M. & ST. P. - 50%

DATE OF STATE COM. PERMIT  
3-15-01.

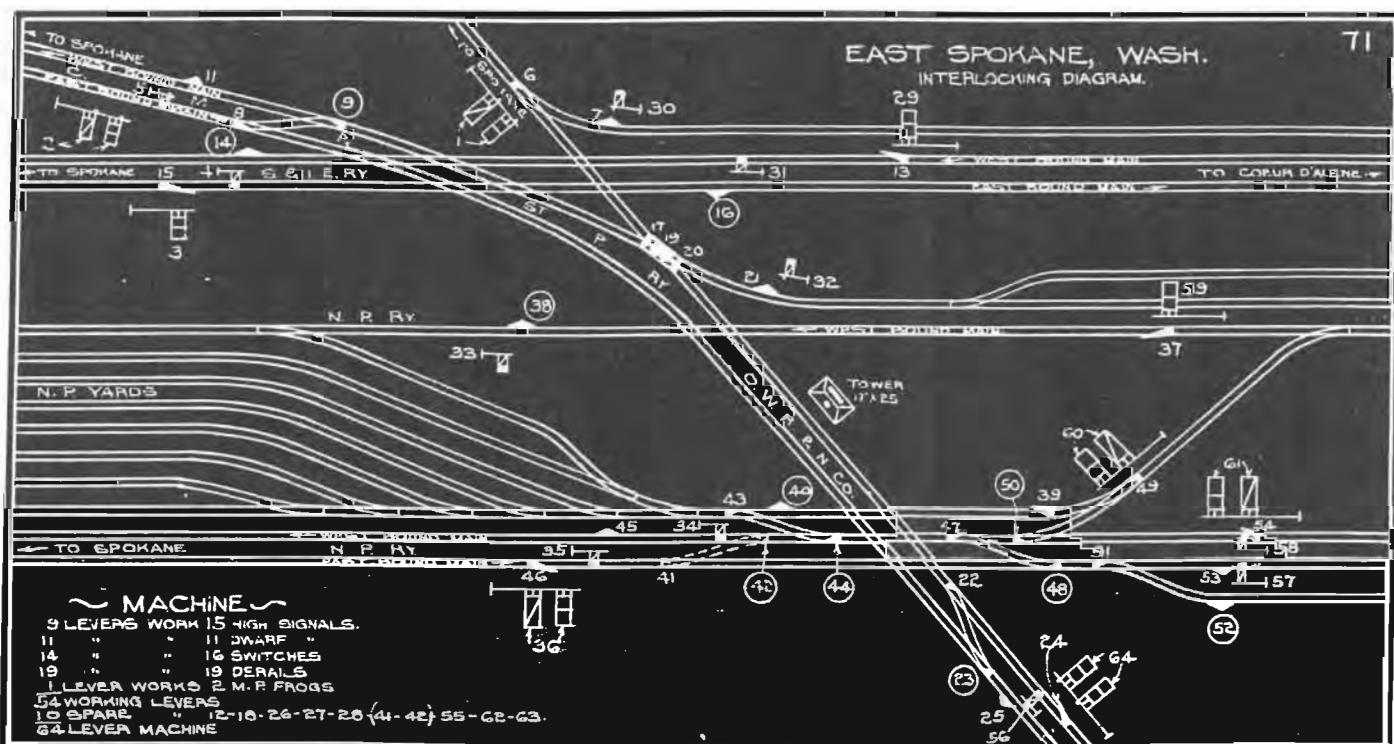
OPERATION - C.G.W. - 50%  
C.M. & ST.P. 50%

BUILT BY C.G.W.RY.

REPAIRING - C.G.W.RY.

OWNERSHIP { C.G.W. - 50%  
INSTALLATION { C.M. & ST.P. 50%

REV. 1915



REV. 1915

## EAST SPOKANE, INTERLOCKING.

C. M. &amp; ST. P. RY.- O. W. R. &amp; N. CO; - N. P. RY. - S. &amp; I. E. RY.

DATE OF CONTRACT 9-21-1914

## AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
+ 14 + 1915

## INSTALLATION OWNERSHIP

C. M. & ST. P. RY	22 2/3
O. W. R. & N. CO.	53 0/3
N. P. RY	—
S. & I. E. RY	24 0/3

DATE OF STATE COM. PERMIT

## MAINTENANCE

C. M. & ST. P. RY	33 1/3
O. W. R. & N. CO.	33 1/3
N. P. RY	—
S. & I. E. RY	33 1/3

PLANT BUILT BY O.W.R.&amp;N.CO.

## OPERATION

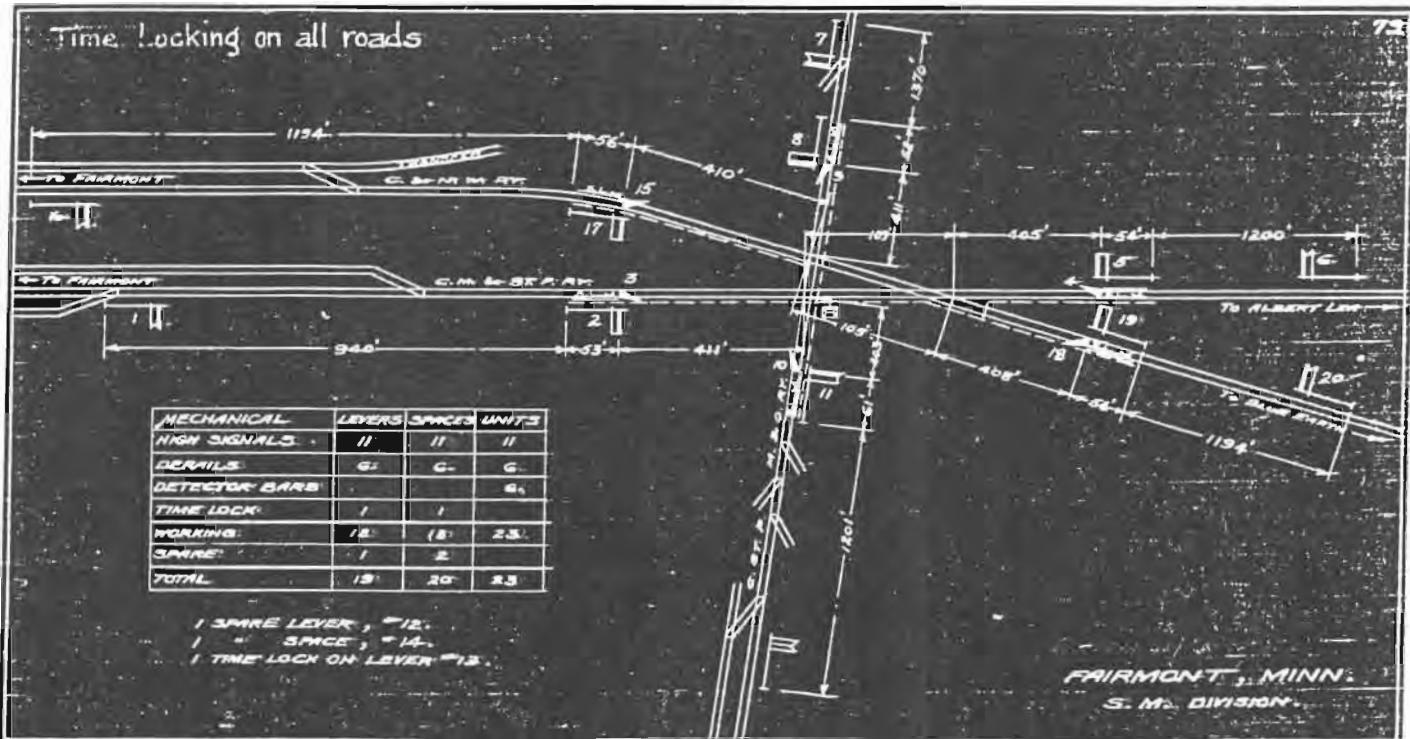
C. M. & ST. P. RY	33 1/3
O. W. R. & N. CO.	33 1/3
N. P. RY	—
S. & I. E. RY	33 1/3

## REPAIRING

O. W. R. & N. CO.
-------------------

4-5-1915 8.C

REV. 1915



REV. 1915

# FAIRMONT, MINN. INTERLOCKING

C.&N.W. & C.M.&ST.P.  
CROSSING C.M.&ST.P.

DATE OF CONTRACT  
JUNE 30, 1899.

AGREEMENT BY CONTRACT

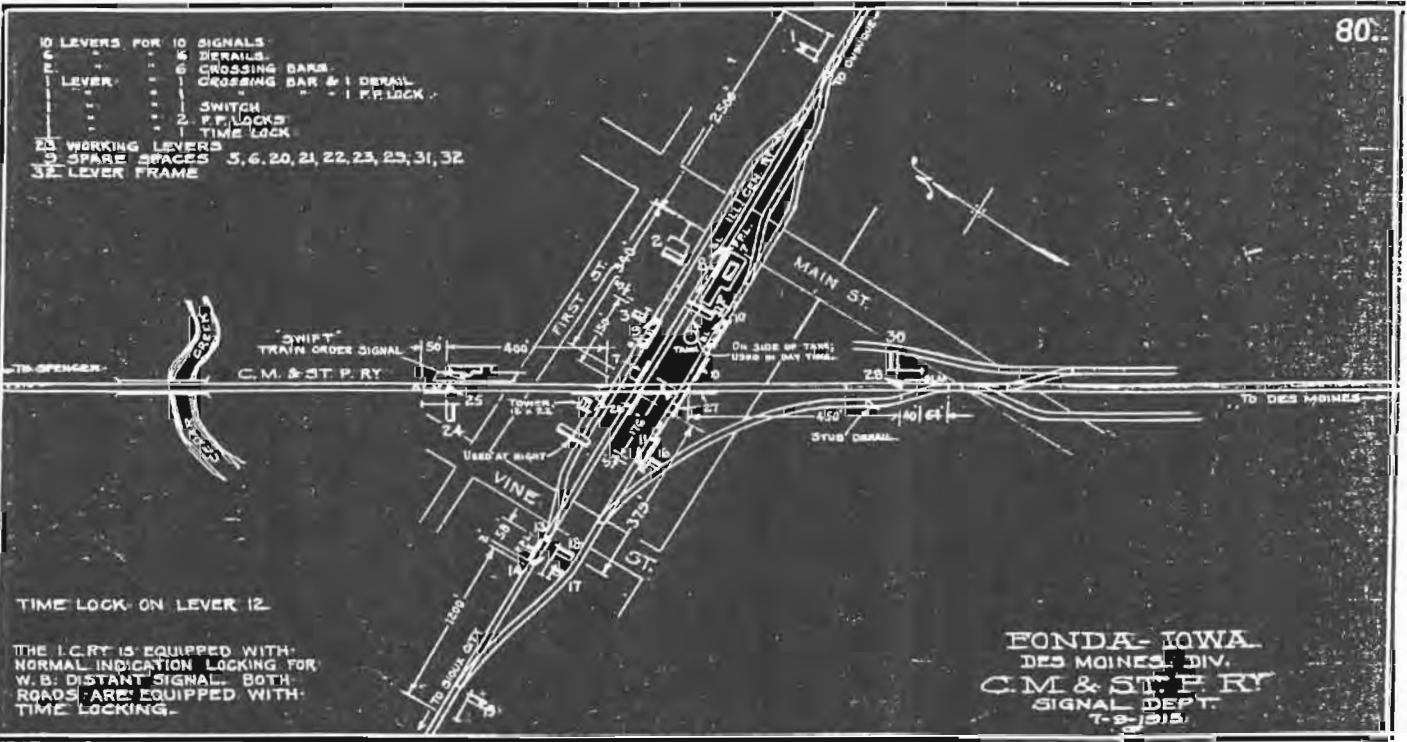
DATE PLANT PUT IN SERVICE  
DEC. 14, 1899.

OWNERSHIP	C.&N.W. 100%.
MAINTENANCE	
OPERATION	
REPAIRING	

DATE OF COMMISSION PERMIT  
DEC. 14, 1899.

BUILT BY U.S. & S. CO.

REV. 1915



REV. 1915

## FONDA INTERLOCKING

C.M. &amp; ST. P. RY CROSSING I.C. RY

## DATE OF CONTRACT

5-19-99

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

SEPT. 7-1900.

INSTALLATION OWNERSHIP

{ C.M. &amp; ST.P. 100%

## DATE OF STATE COM. PERMIT

SEPT. 14-1900.

## MAINTENANCE

{ C.M. &amp; ST.P. 100%

## PLANT BUILT BY

U.S. &amp; S. CO.

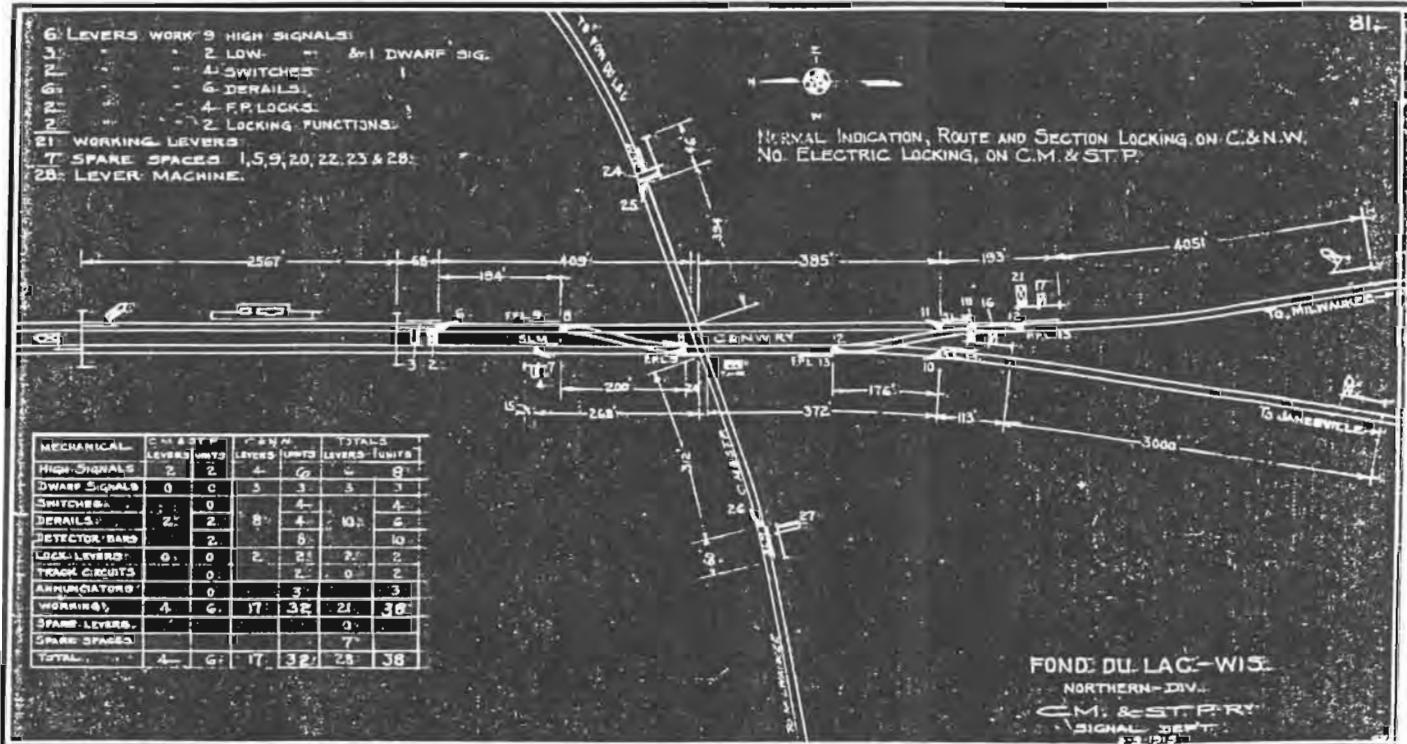
## OPERATION

{ C.M. &amp; ST.P. 100%

## REPAIRING

{ C.M. &amp; ST.P.

REV. 1915



REV. 1915

FON DU LAC INTERLOCKING  
CM & ST P RY CROSSING C & N W R Y

**DATE OF CONTRACT**

ORIGINAL - 10-1-90.

**AGREEMENT BY CONTRACT****DATE PLANT PUT IN SERVICE**

ORIGINAL - 8-27-91

ENLARGED - 1-25-02

**INSTALLATION OWNERSHIP**
 $\begin{cases} \text{CM & ST P} - 79.93\% \\ \text{C & N W} - 20.07\% \end{cases}$ 
**DATE OF STATE COM. PERMIT**

1ST - 8-6-91

2ND - 1-24-02

**MAINTENANCE**  
INCLUDES CLEANING ICE AND SNOW C&N W SWITCHES
 $\begin{cases} \text{CM & ST P} - 79.93\% \\ \text{C & N W} - 20.07\% \end{cases}$ 
**PLANT BUILT BY**

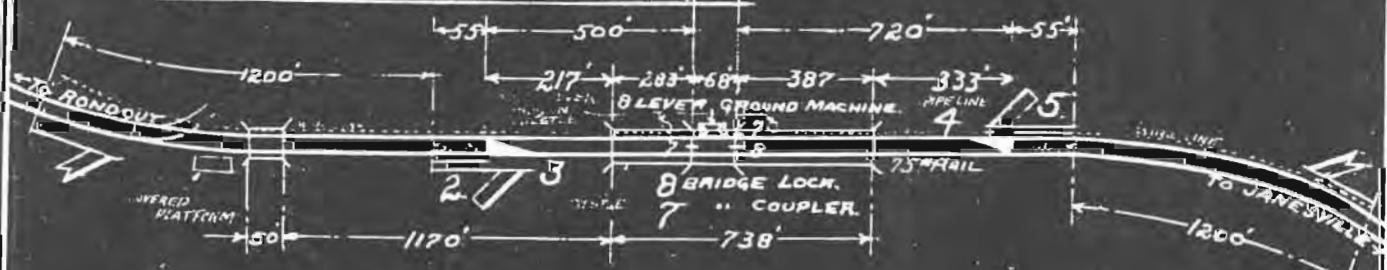
U. S. &amp; S. CO.

ENLARGED BY CM &amp; ST P RY

**OPERATION**
 $\begin{cases} \text{CM & ST P} - 90.7\% \\ \text{C & N W} - 10\% \end{cases}$ 
**REPAIRING**

CM &amp; ST P R Y

REV. 1921

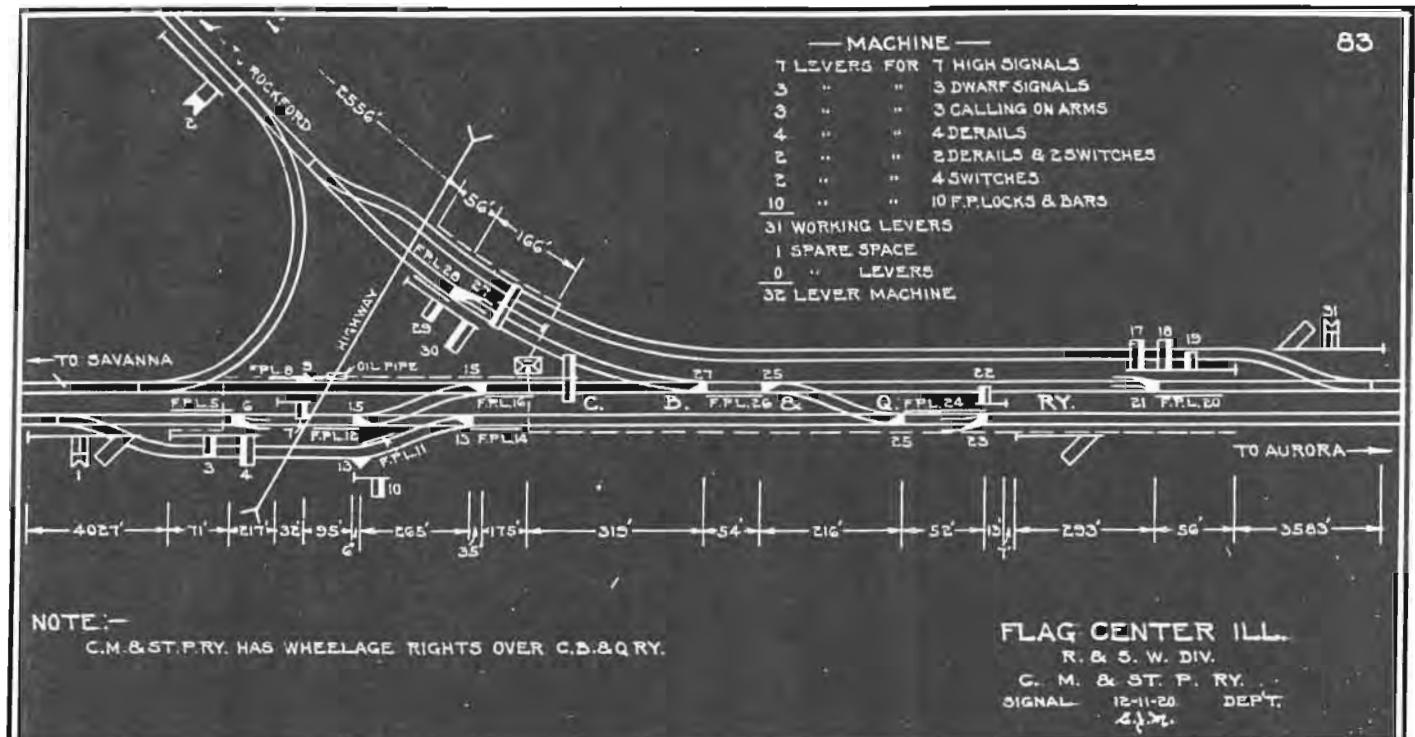
*Note! SIGNALS NORMALLY CLEAR.*PUT IN SERVICE 6-19-'01.DATE OF STATE COM. PERMIT 7-9-'01

No ELECTRIC LOCKING  
WHEEL LEVER STANLS OPERATE DIST SIGNS & ARE CAM LOCKED  
WITH HOME SIG-HIRE LINES

C. M. & ST P R Y  
SIGNAL DEPT.

FOX LAKE DRAWBRIDGE  
INTERLOCKING

REV. 1911



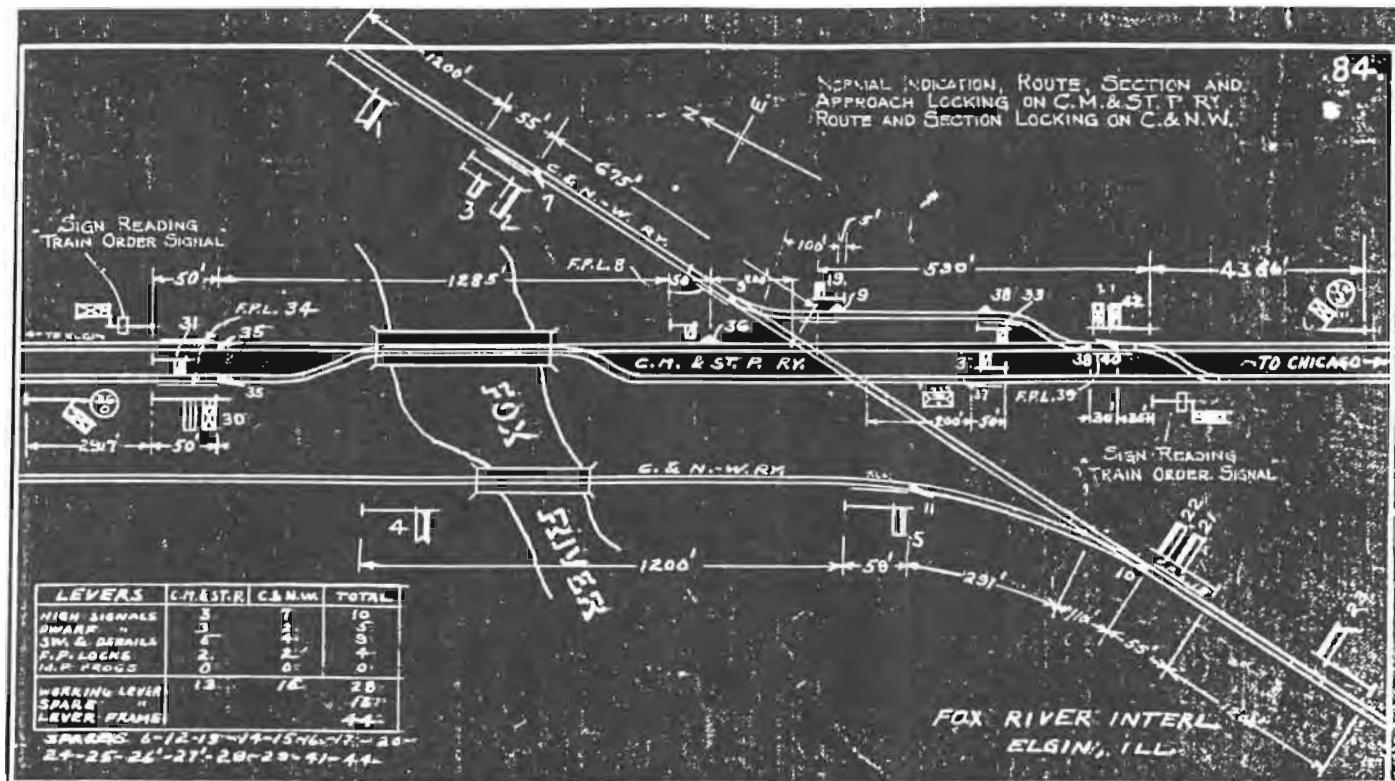
REV. 1920

83-A

**FLAG CENTER ILL.**  
**CM & ST P RY. JOINT WITH CB&Q RY.**

<b>DATE OF CONTRACT</b> FEB-23-1903 JUNE-30-1918	<b>AGREEMENT BY CONTRACT</b>
<b>DATE PLANT PUT IN SERVICE</b> JULY-21-1917	<b>INSTALLATION</b> { C.M. & ST.P. 0% C.B. & Q. 100%
<b>DATE OF STATE COM. PERMIT</b>	<b>OWNERSHIP</b> { C.M. & ST.P. 0% C.B. & Q. 100%
<b>PLANT BUILT BY</b> C.B. & Q.	<b>MAINTENANCE</b> { C.M. & ST.P. CAR MILAGE C.B. & Q. & CONTRACT DATED-3-23-1903
	<b>OPERATION</b> { C.M. & ST.P. C.B. & Q.
	<b>REPAIRING</b> { C.B. & Q.

REV. 1920



REV. 1917

84-A.

## FOX RIVER INTERLOCKING

### C.M.&ST.P.R.Y. - C.&N.-W.R.Y.

**DATE OF CONTRACT**  
8-6-92. -- 6-11-10.

**AGREEMENT BY CONTRACT**

**DATE PLANT PUT IN SERVICE**  
11-6-92,

**INSTALLATION** — { C.&N.W. - 50%  
OWNERSHIP — { C.M.&ST.P. - 50%  
GENERAL PLANT

**DATE OF STATE COM. PERMITS**  
11-29-92, 11-4-96, 6-27-03,

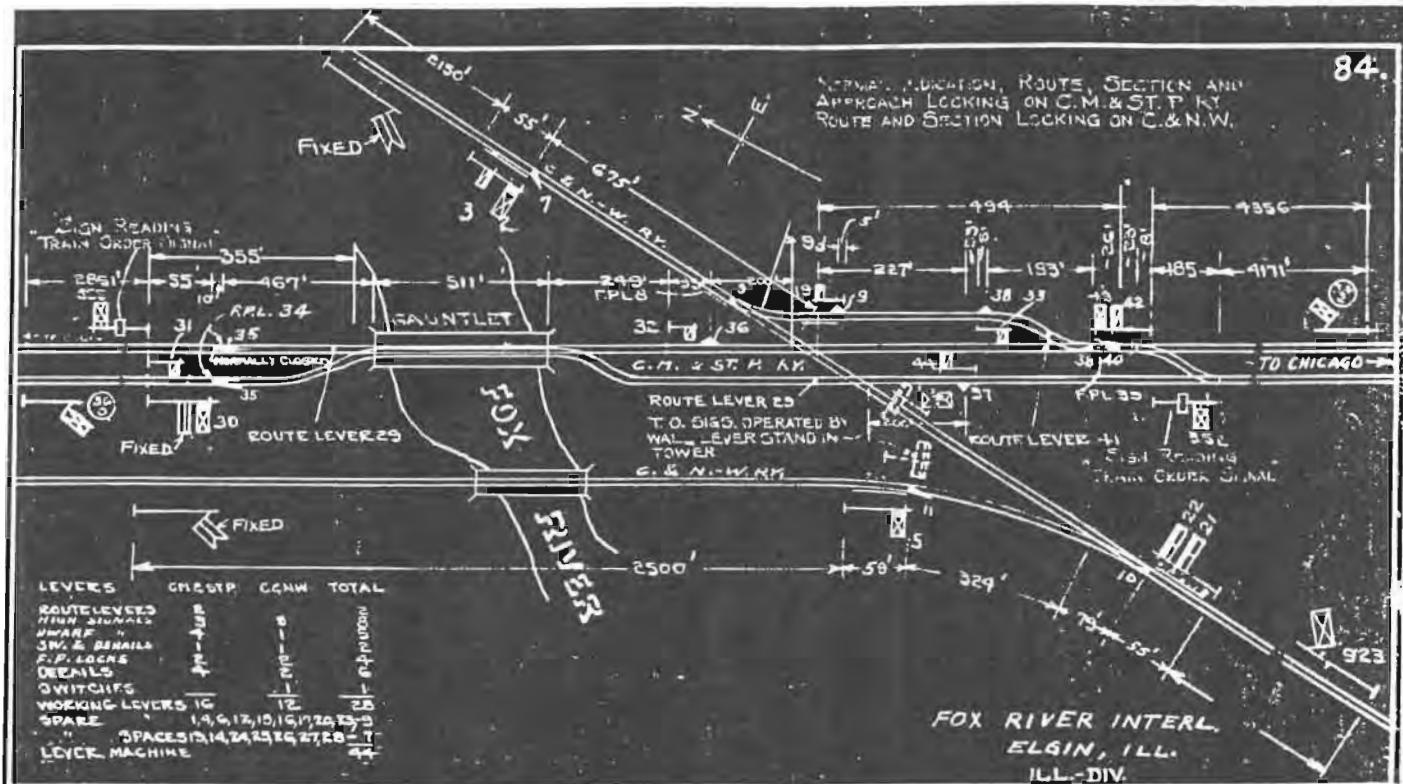
**MAINTENANCE** — { C.&N.W. - 58.54%  
C.M.&ST.P. - 41.46%

**BUILT BY** — U.S. & S. CO.

**OPERATION** — { C.&N.W. - 50%  
C.M.&ST.P. - 50%  
LABOR — MINUS 3 LEIERMANS WAGES PAID BY C.M.&ST.P.  
SUPPLIES MONTHLY CHARGE OF 439 FOR CURRENT  
FOR LIGHTING C.M.&ST.P. LAMPS

**REPAIRING** — C.M.&ST.P.R.Y.

REV. 1911



84-A.

## FOX RIVER INTERLOCKING

### C.M. & ST.P.R.Y. - C.&N.-W.R.Y.

DATE OF CONTRACT  
8-6-'92. -- 6-11-10.

AGREEMENT BY CONTRACT

EFFECTIVE OCT-1<sup>ST</sup> 1924.

DATE PLANT PUT IN SERVICE  
11-6-92,

MAINTENANCE & OWNERSHIP } G.N.W.R.Y.CO. 65.33%  
G.M.&ST.P.R.Y.CO. 36.67%

DATE OF STATE COM. PERMITS  
11-29-92, 11-4-96, 6-27-03, 10-31-24.

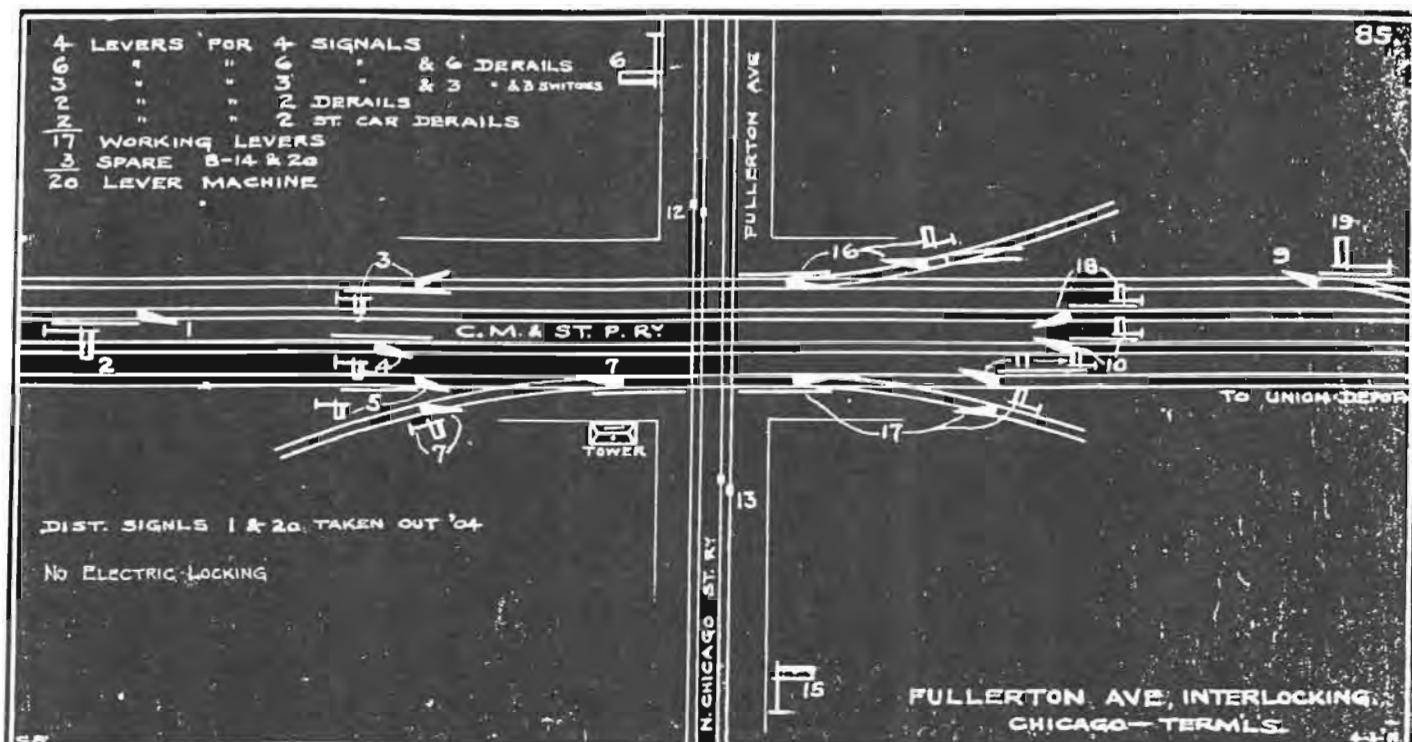
OPERATION. { C.N.W.R.Y.CO.  
G.M.&ST.P.R.Y.CO. 50%  
50%

BUILT BY - U.S. & S. CO.

REPAIRING. G.M.&ST.P.R.Y.CO.

INCLUDES LEVERMANS WAGES AND SUPPLIES.  
G.N.W.R.Y. TO PAY A FIXED SUM OF \$1.00 PER MONTH  
FOR ITS PROPORTION OF ELECTRIC LIGHTING AT  
THE TOWER PLUS 50% OF TOWER LAMPS, FUSES  
AND WIRING WHEN RENEWED.

REV. 1925



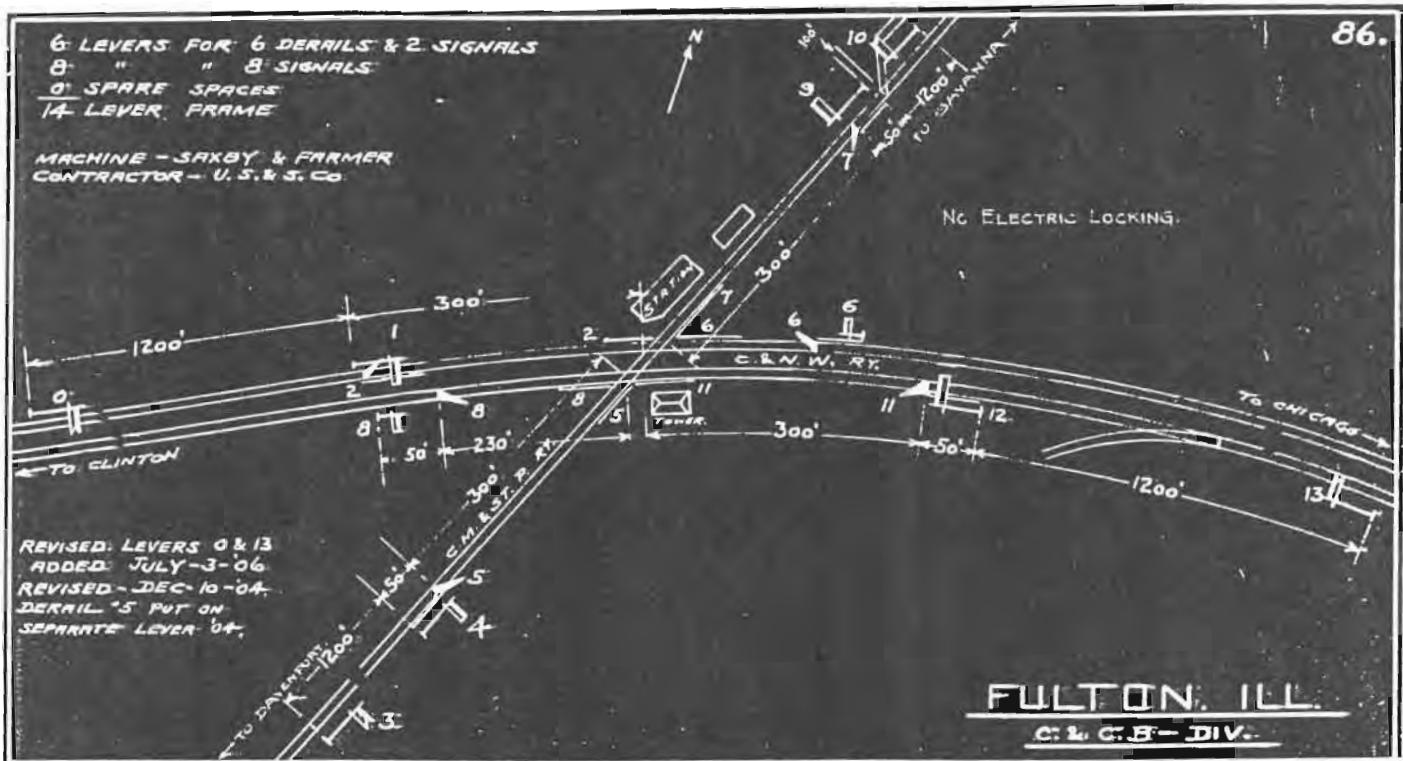
REV. 1911

85-A

**FULLERTON AVE.—INTERLOCKING—CHICAGO****C.M. & ST. P. RY CROSSING N.C. ST. RY****DATE OF CONTRACT**  
5-23-95**AGREEMENT BY CONTRACT****DATE PLANT PUT IN SERVICE**  
1-23-96**INSTALLATION } OWNERSHIP } N.C. ST. R.R. 100%****DATE OF STATE COM. PERMIT****MAINTENANCE -N.C. ST. R.R. 100%****BUILT BY — N.S. & S.CO.****OPERATION -C.M. & ST. P. RY. 100%****REPAIRING C.M. & ST. P.**

REV. 1911

3-31-96



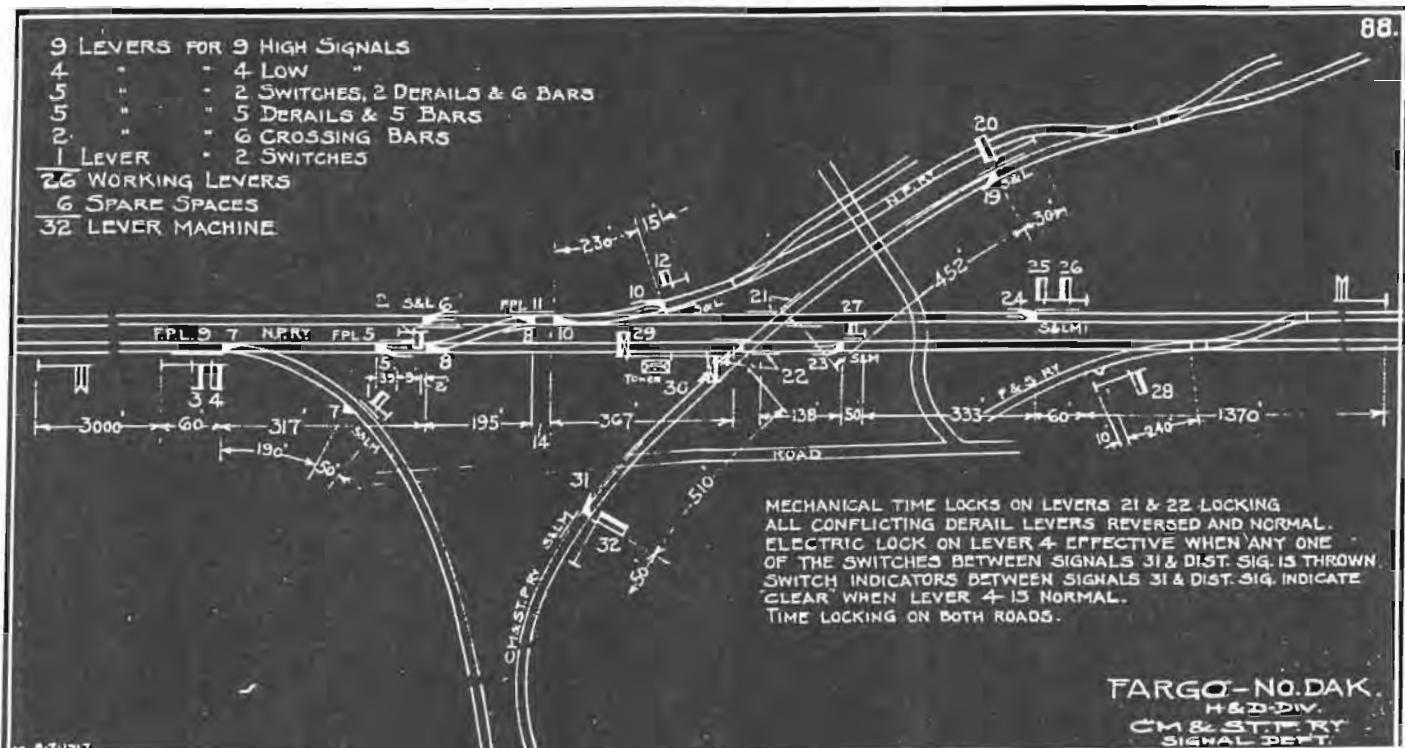
REV. 1916

**FULTON INTERLOCKING**

**C.&N.W. RY. CROSSING C.M. & ST. P. RY.**

<b>DATE OF CONTRACT</b> JULY-25-'92	<b>AGREEMENT BY CONTRACT</b>
<b>DATE PLANT PUT IN SERVICE</b> ORIGINAL INSTALLATION - DEC-7-'92 ADDITIONAL " DEC-10-'04 " JULY-3-'06	<b>OWNERSHIP</b> <b>INSTALLATION</b> { C.&N.W. 50% C.M. & ST.P. 50%
<b>DATE OF STATE COM. PERMIT</b> ORIGINAL - NOV-29-1892 FOR ADDITION - MAR-22-1905	<b>MAINTENANCE</b> <b>AND</b> <b>OPERATION</b> { C.&N.W. 50% C.M. & ST.P. 50%
<b>BUILT BY</b> - U. S. & S. CO. <b>REBUILT BY</b> - C.&N.W. RY. JULY-6-'06.	<b>REPAIRING</b> - C.&N.W. RY.

REV. 1911



REV. 1917

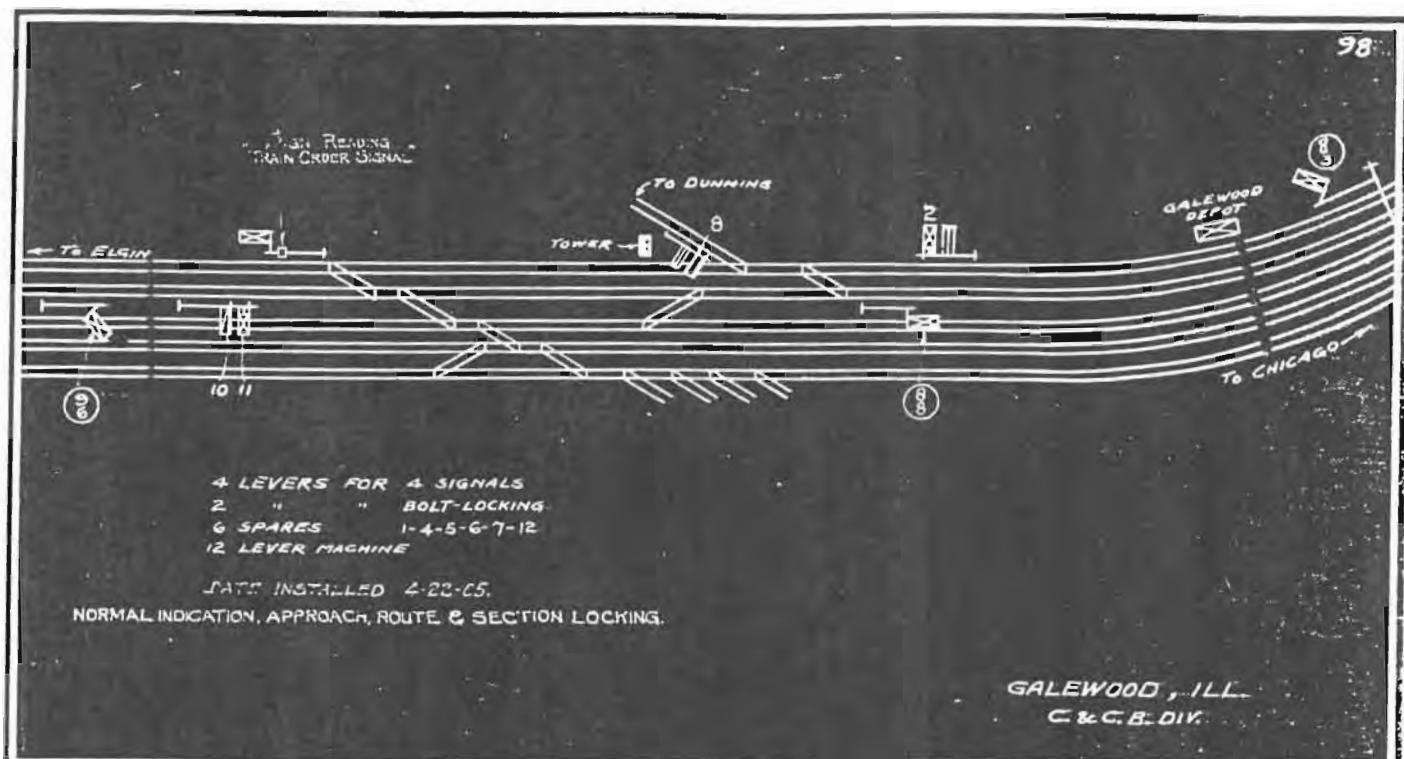
88-A

FARGO INTERLOCKING.

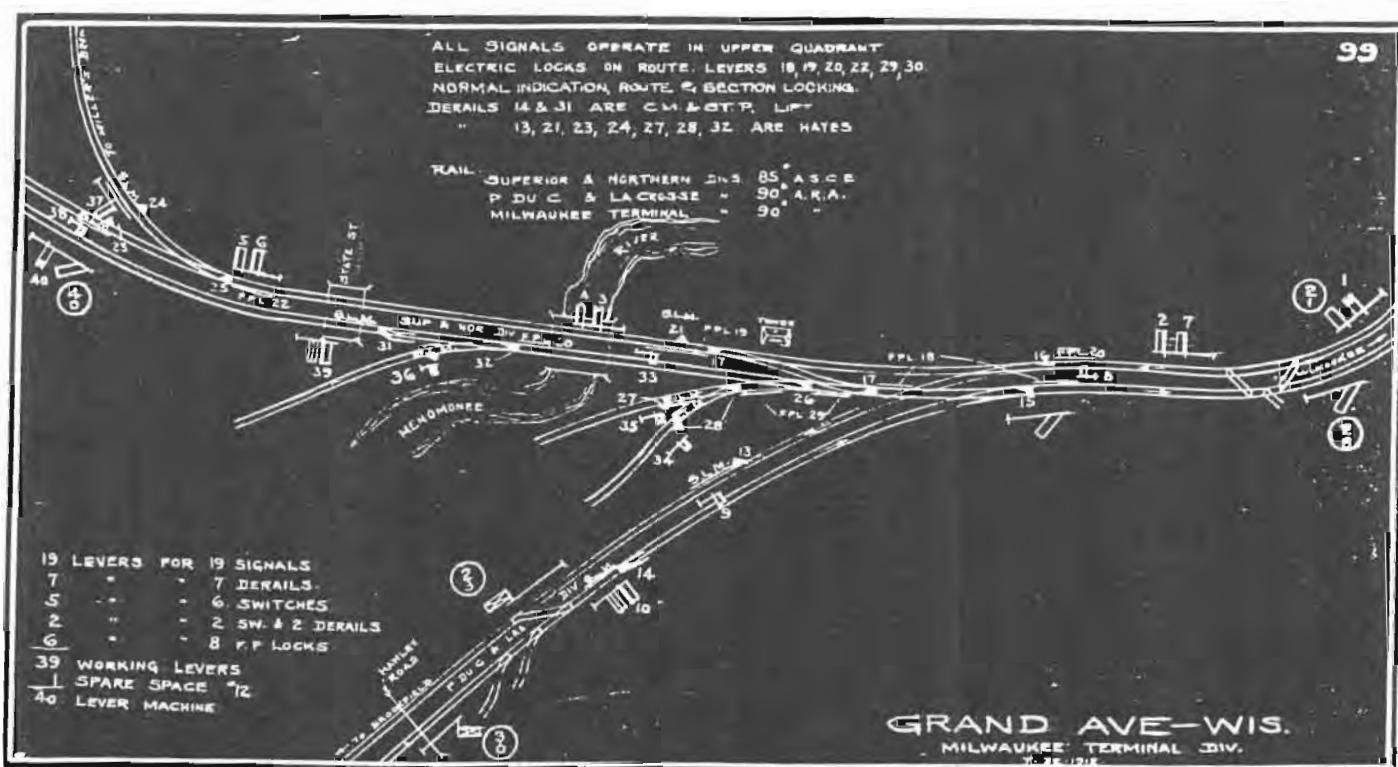
C.M. & ST. P. RY - N.P. RY - G.N. RY.

<u>DATE OF CONTRACT</u>	<u>AGREEMENT BY CONTRACT</u>
<u>DATE PLANT PUT IN SERVICE</u>	<u>OWNERSHIP AND INSTALLATION</u> N.P. & G.N. 100%
<u>DATE OF STATE COM. PERMIT</u>	<u>MAINTENANCE</u> AND N.P. & G.N. 100%
<u>BUILT BY U.S. &amp; S. CO.</u>	<u>OPERATION</u>
<u>NOTE: ALL TRACK MATERIAL TO BE FURNISHED BY THE N.P. RY.</u>	
<u>REPAIRING - N.P. &amp; G.N. 100%</u>	

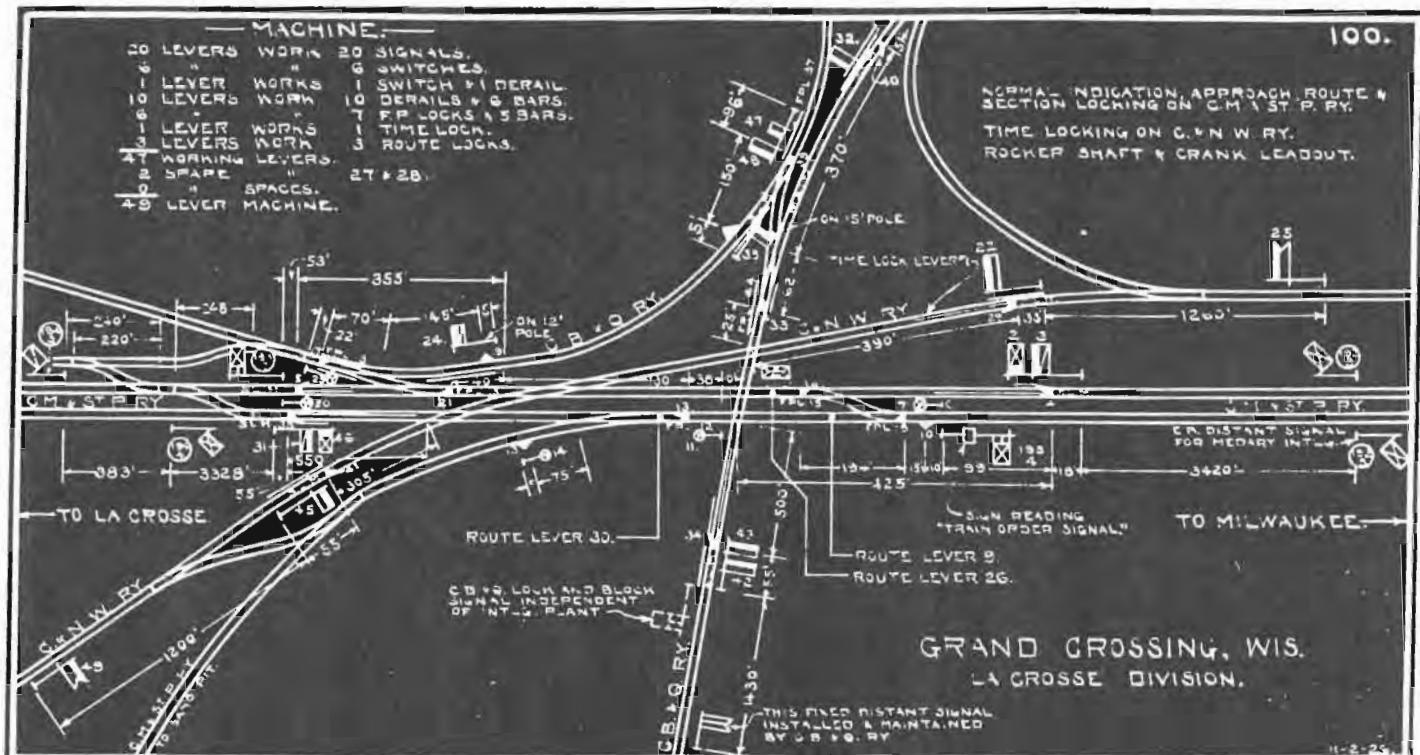
REV. 1911



REV. 1917



REV. 1917



100-A

## GRAND XING INTERLOCKING

C M. & S I P X I N G C & N W - C B & Q - G B & W R Y

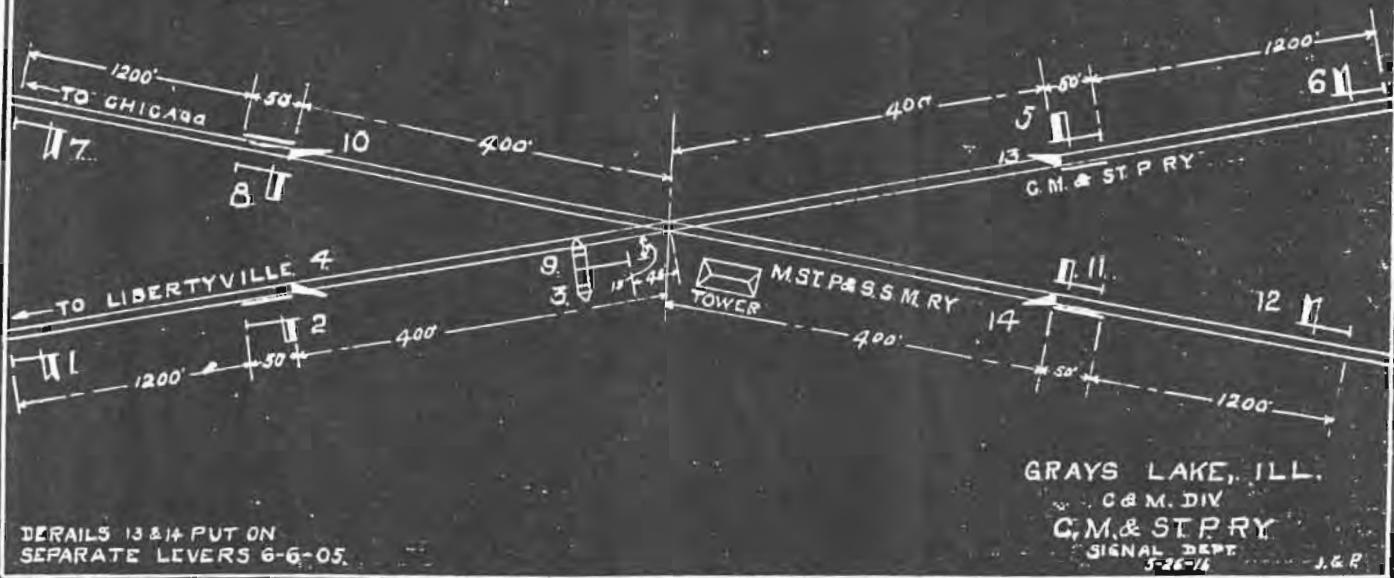
<u>DATE OF CONTRACT</u>	<u>OPERATION</u>		<u>AGREEMENT BY CONTRACT</u>						
<u>11-10-92</u>			<table border="0"> <tr> <td><u>C. &amp; N. W. RY</u></td> <td><u>50%</u></td> </tr> <tr> <td><u>C. B. &amp; Q. RY</u></td> <td><u>50%</u></td> </tr> <tr> <td colspan="2">PROVIDED EXPENSE DOES NOT EXCEED THAT OF OLD PLANT</td> </tr> </table>	<u>C. &amp; N. W. RY</u>	<u>50%</u>	<u>C. B. &amp; Q. RY</u>	<u>50%</u>	PROVIDED EXPENSE DOES NOT EXCEED THAT OF OLD PLANT	
<u>C. &amp; N. W. RY</u>	<u>50%</u>								
<u>C. B. &amp; Q. RY</u>	<u>50%</u>								
PROVIDED EXPENSE DOES NOT EXCEED THAT OF OLD PLANT									
<u>DATE PLANT PUT IN SERVICE</u>	<u>MAINTENANCE</u>		<table border="0"> <tr> <td><u>C. M. &amp; S I P R Y</u></td> <td><u>61.99%</u></td> </tr> <tr> <td><u>C. &amp; N. W. RY</u></td> <td><u>14.30%</u></td> </tr> <tr> <td><u>C. B. &amp; Q. RY</u></td> <td><u>23.71%</u></td> </tr> </table>	<u>C. M. &amp; S I P R Y</u>	<u>61.99%</u>	<u>C. &amp; N. W. RY</u>	<u>14.30%</u>	<u>C. B. &amp; Q. RY</u>	<u>23.71%</u>
<u>C. M. &amp; S I P R Y</u>	<u>61.99%</u>								
<u>C. &amp; N. W. RY</u>	<u>14.30%</u>								
<u>C. B. &amp; Q. RY</u>	<u>23.71%</u>								
<u>ORIGINAL - 2-18-93</u>	<u>TOWER</u>		<table border="0"> <tr> <td><u>C. M. &amp; S I P R Y</u></td> <td><u>25.7%</u></td> </tr> <tr> <td><u>C. &amp; N. W. RY</u></td> <td><u>37.5%</u></td> </tr> <tr> <td><u>C. B. &amp; Q. RY</u></td> <td><u>37.5%</u></td> </tr> </table>	<u>C. M. &amp; S I P R Y</u>	<u>25.7%</u>	<u>C. &amp; N. W. RY</u>	<u>37.5%</u>	<u>C. B. &amp; Q. RY</u>	<u>37.5%</u>
<u>C. M. &amp; S I P R Y</u>	<u>25.7%</u>								
<u>C. &amp; N. W. RY</u>	<u>37.5%</u>								
<u>C. B. &amp; Q. RY</u>	<u>37.5%</u>								
<u>ENLARGED - 12-18-02</u>	<u>SUPPLIES NOT INCLUDED</u>		<u>OWNERSHIP SAME AS MAINTENANCE</u>						
<u>DATE OF STATE COM. PERMIT</u>	<u>REPAIRING</u>		<u>C. M. &amp; S I P R Y</u>						
<u>1ST - 2-15-93</u>									
<u>2ND - 12-18-02</u>									
<u>BUILT BY U. S. &amp; S. CO.</u>									
<u>ENLARGED BY C. M. &amp; S I P R Y</u>									

REV. 1927

101.

10 LEVERS FOR 10 SIGNALS.  
 4 " " 4 DERAILS.  
 14 WORKING LEVERS.  
 2 SPARE SPACES. 15 & 16  
 16 LEVER FRAME.

ELECTRIC LOCKS ON LEVERS 4 & 10.  
 ROUTE AND SECTION LOCKING ON C.M.&STP.RY.  
 ROUTE AND SECTION LOCKING ON 500 LINE.  
 MACHINE — SAXBY AND FARMER.  
 NIGHT INDICATION ON 500 LINE RED-YELLOW-GREEN



REV. 1916

102.

## GRAYS LAKE INTERLOCKING.

C. M. & STP.RY. CROSSING WIS. CENTRAL.

DATE OF CONTRACT,

AUG 15- 1899.

AGREEMENT BY CONTRACT.

DATE OF PLANT PUT IN SERVICE,

DEC 16 1899.

OWNERSHIP  
Maintenance.

AND

OPERATION.

C. M. & STP.RY. 100%

DATE OF COM. PERMIT,

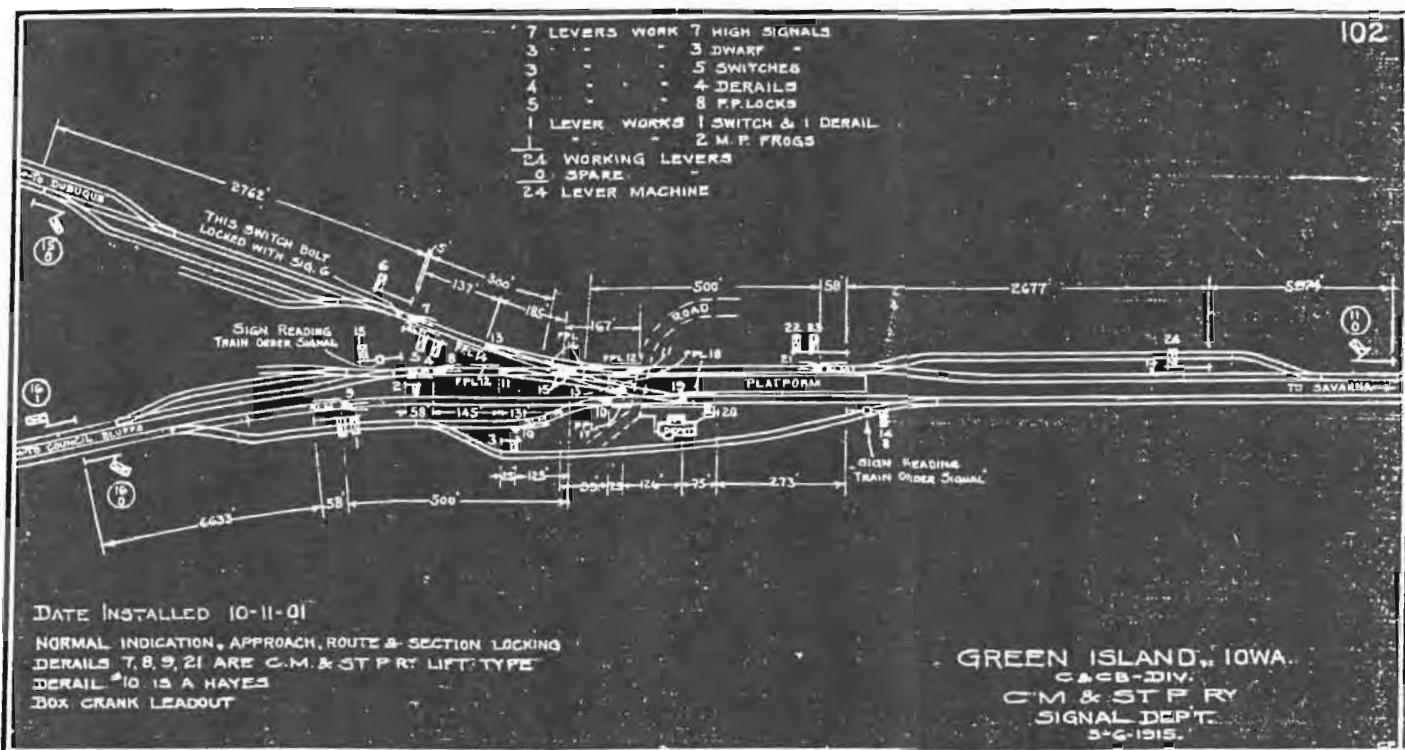
Nov. 28- 1899.

BUILT BY, C.M. & STP.RY.

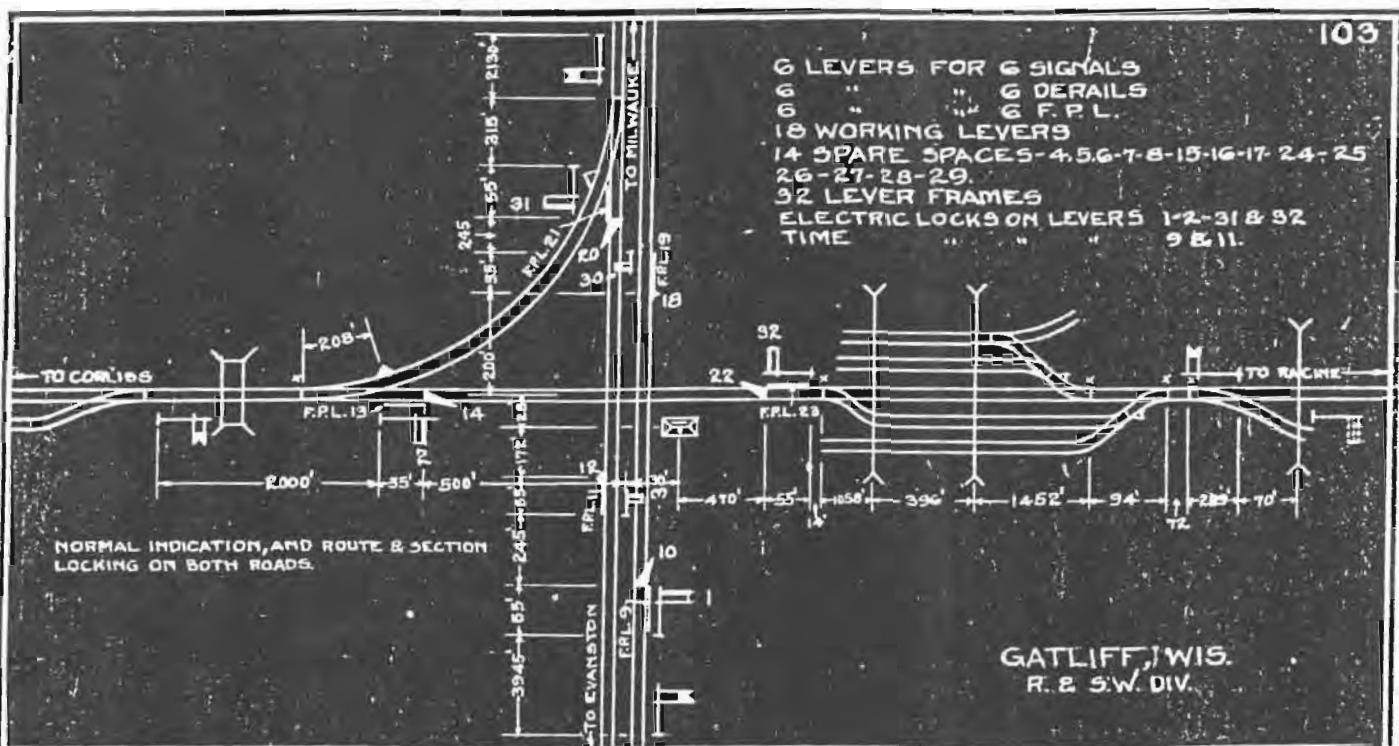
REPAIRING — CM & STP.RY.

COST COMPLETE, \$2331.75

REV. 1905



REV. 1917



REV. 1917

103-A

**GATLIFF-INTERLOCKING**  
**C.M.&ST.P. RY CROSSING C.M.E.RY**

**DATE OF CONTRACT**  
 4-27-06

**AGREEMENT BY CONTRACT**

**DATE PLANT PUT IN SERVICE**  
 2-1-09

**INSTALLATION C.M.E.RY. 100%**

**DATE OF STATE COM. PERMIT**  
 9-7-09

**MAINTENANCE C.M.E.RY. 100%**

**BUILT BY—C.M.E.RY.**

**OPERATION C.M.E.RY. 100%**

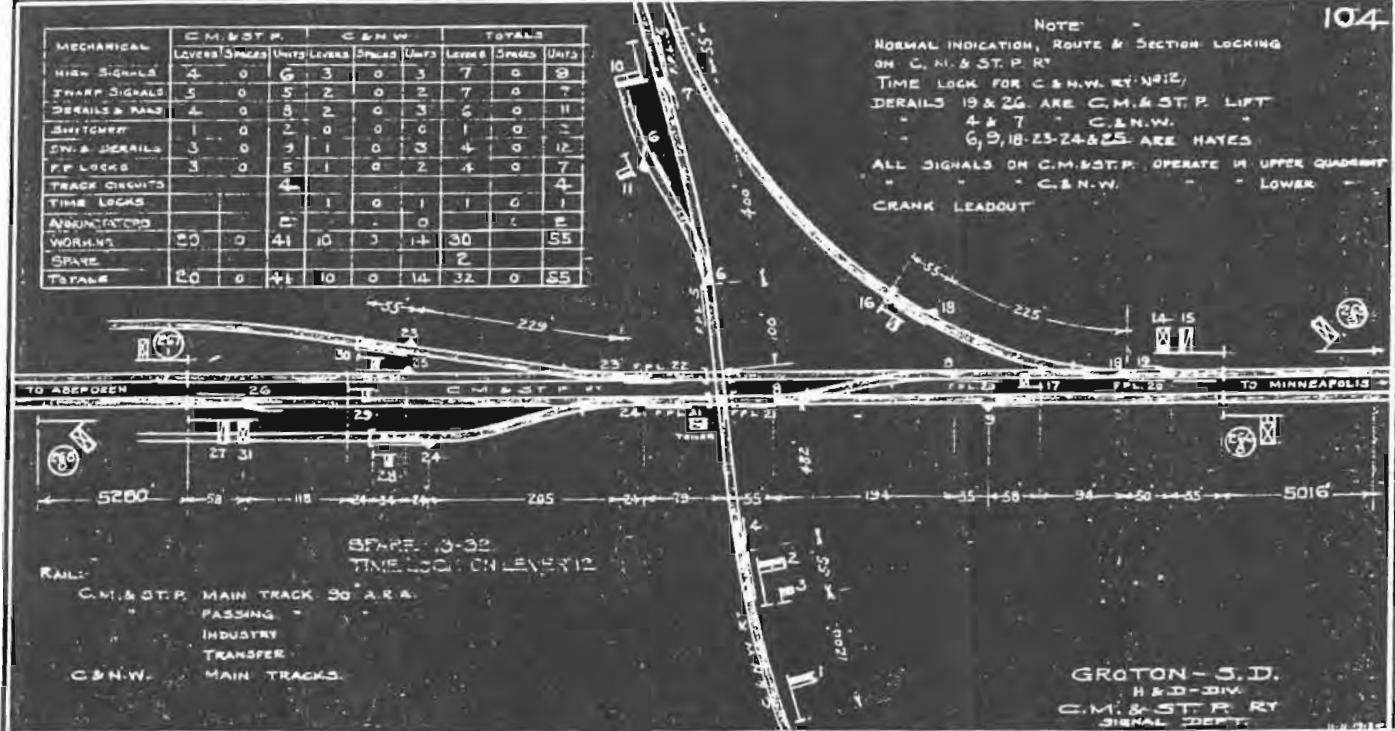
**OWNERSHIP C.M.E.RY. 100%**

**REPAIRING C.M.E.RY.**

3-30-11

REV. 1911

104



REV. 1917

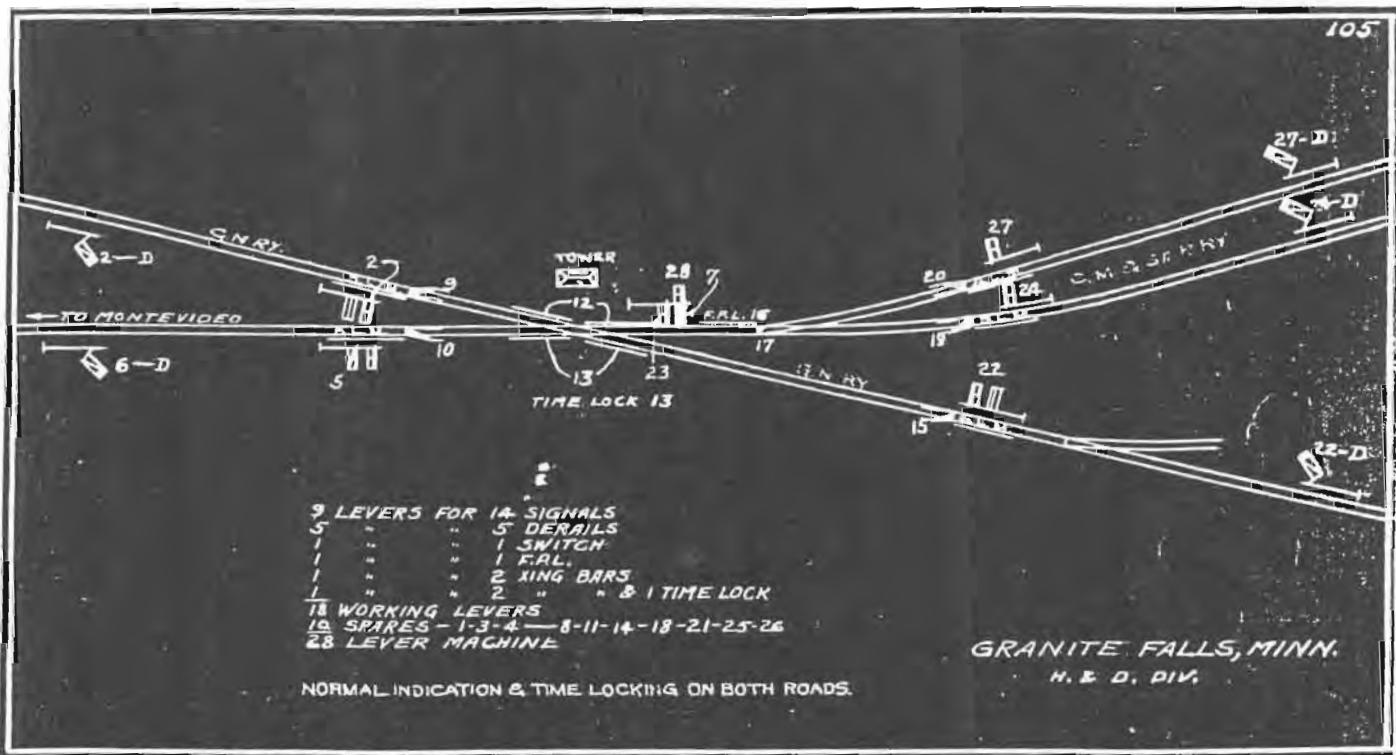
104-A

**GROTON INTERLOCKING**

**C.M. & ST.P. RY CROSSING C. & N.W. RY**

<b>DATE OF CONTRACT</b>	<b>AGREEMENT BY CONTRACT</b>	
AUG.-27-1908		
<b>DATE PLANT PUT IN SERVICE</b>	<b>INSTALLATION</b>	<b>CM &amp; ST.P - 74.00%</b>
JUNE-22-1910	<b>AND</b>	
<b>REBUILT - OCT-8-1913</b>	<b>MAINTENANCE</b>	<b>C&amp;NW - 26.00%</b>
<b>DATE OF STATE COM. PERMIT</b>	<b>OPERATION</b>	<b>CM&amp;STP - 50%</b>
DEC-21-1909		
<b>BUILT BY - C.M. &amp; ST.P. RY</b>	<b>REPAIRING</b>	<b>C&amp;N.W - 50%</b>
	<b>OWNERSHIP - SAME AS MAINTENANCE</b>	

REV. 1919



REV. 1917

105-A

GRANITE FALLS - INTERLOCKING  
C.M. & ST. P. RY CROSSING G.N. RY

DATE OF CONTRACT  
7-28-1911

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
AUG. 22-1911

INSTALLATION { C.M. & STR. 50. %  
G.N. 50

DATE OF STATE COM. PERMIT  
AUG. 4-1911

MAINTENANCE { C.M. & STR. 65.79  
G.N. 34.21

BUILT BY — C.M. & STR.

OPERATION { C.M. & STR. 65.79  
G.N. 34.21

OWNERSHIP SAME AS MAINTENANCE

REPAIRING C.M. & STR.

REV. 1911

3-2-11

Installed 9-14-04.

110.



NORMAL INDICATION LOCKING.

2 LEVERS FOR 2 SIGNALS

1 " 1 BRIDGE LOCK

1 " 1 COUPLER

IN WINTER THE FOLLOWING CHANGES ARE MADE.  
NO LEVERMAN IS RETAINED  
BLADES ARE REMOVED FROM SIG 2.  
LEVER 4 IS REVERSED & FIXED BLADE REMOVED  
NUMBER PLATE 110.8 PUT ON SIG. 4.

DATE OF RY. COMMISSIONERS PERMIT

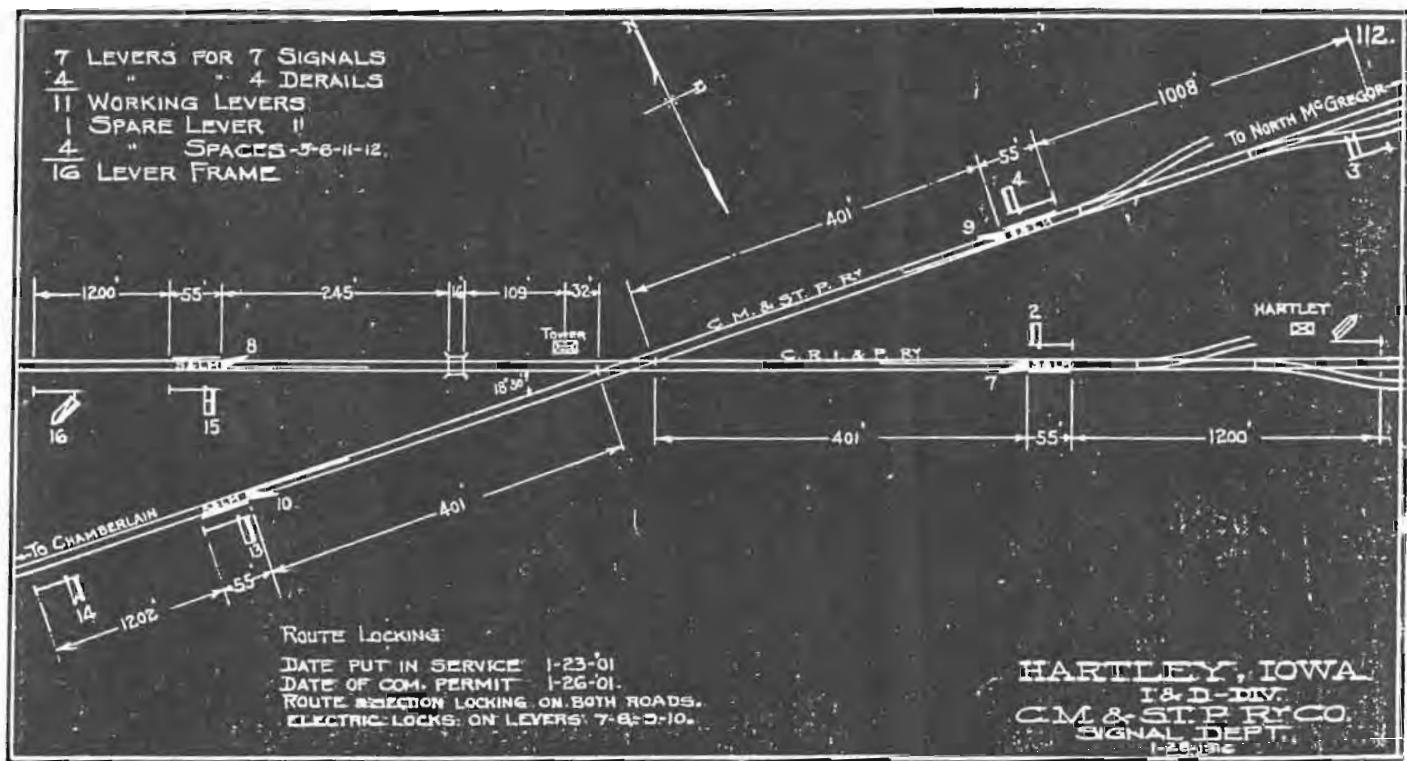
HASTINGS DRAW BRIDGE

PLANT PUT IN SERVICE 9-14-04.

RIVER DIVISION,  
C.M. & STR. RY.  
SIGNAL DEPT.

A.F.A.

REV. 191b



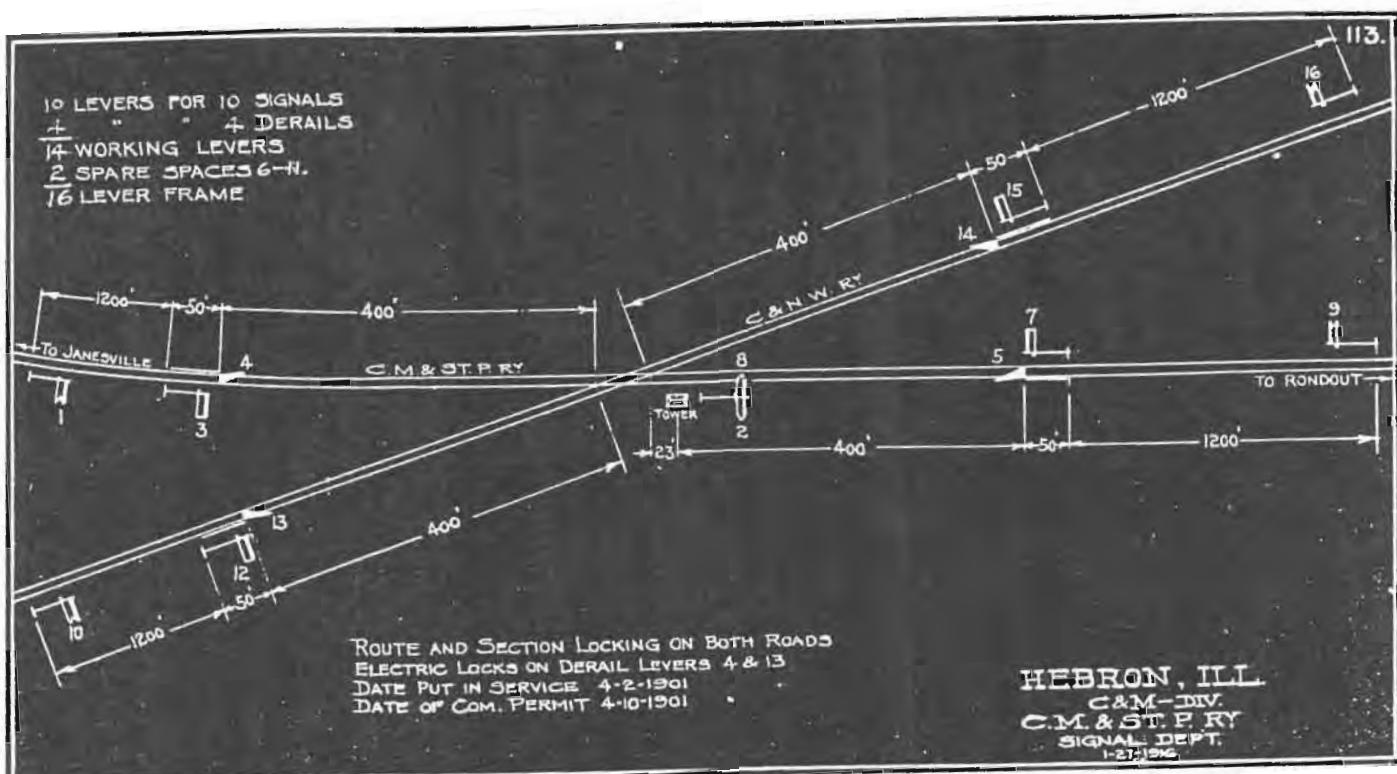
REV. 1916

## HARTLEY INTERLOCKING

C.R.I. & P. RY XING C.M. & S<sup>II</sup>P. RY.

<u>DATE OF CONTRACT</u>	<u>AGREEMENT BY CONTRACT</u>	
<u>DATE PLANT PUT IN SERVICE</u>	<u>OWNERSHIP AND INSTALLATION</u>	
<u>JAN. 23-1901</u>	<u>C.M. &amp; S<sup>II</sup>P. RY 33 <math>\frac{1}{3}</math> %</u>	
<u>DATE OF STATE COM. PERMIT</u>	<u>C.R.I. &amp; P. RY 66 <math>\frac{2}{3}</math> %</u>	
<u>JAN. 26-1901</u>		
<u>BUILT BY STD. R.R. SIG. CO.</u>	<u>MAINTENANCE</u>	
	<u>C.M. &amp; S<sup>II</sup>P. RY 33 <math>\frac{1}{3}</math> %</u>	
	<u>C.R.I. &amp; P. RY 66 <math>\frac{2}{3}</math> %</u>	
	<u>OPERATION AND SUPPLIES</u>	
	<u>REPAIRING</u>	
	<u>C.R.I. &amp; P. RY.</u>	

REV. 1911



REV. 1916

113A

HEBRON INTERLOCKINGC. & N. W. RY<sup>CROSSING</sup>C. M. & ST. P.R.Y.DATE OF CONTRACT

5-18-1900.

AGREEMENT BY CONTRACT.DATE PLANT PUT IN SERVICE.APRIL 2<sup>nd</sup> 1901.

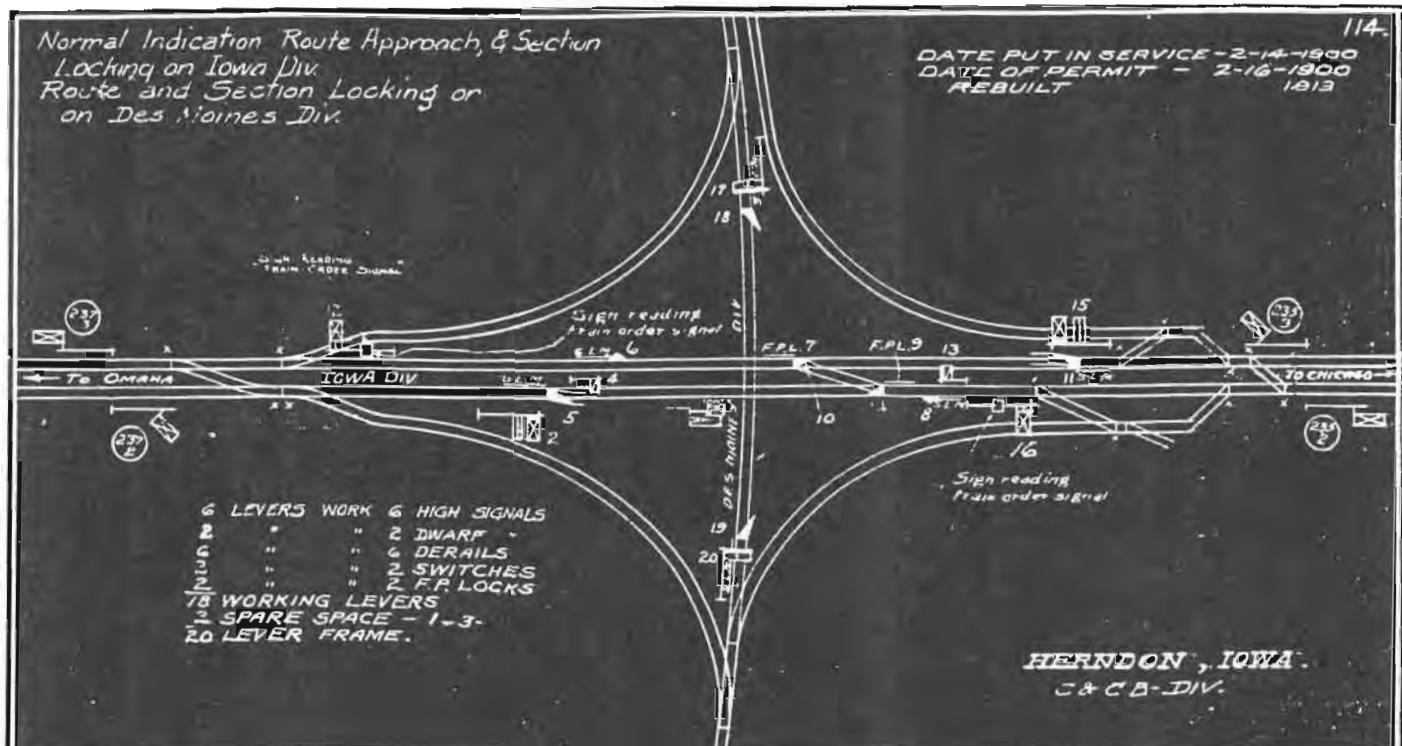
<u>OWNERSHIP</u>	{	<u>C. M. &amp; ST. P.R.Y. 100%</u>
<u>MAINTENANCE</u>		

DATE OF STATE COM. PERMITAPRIL 10<sup>th</sup> 1901

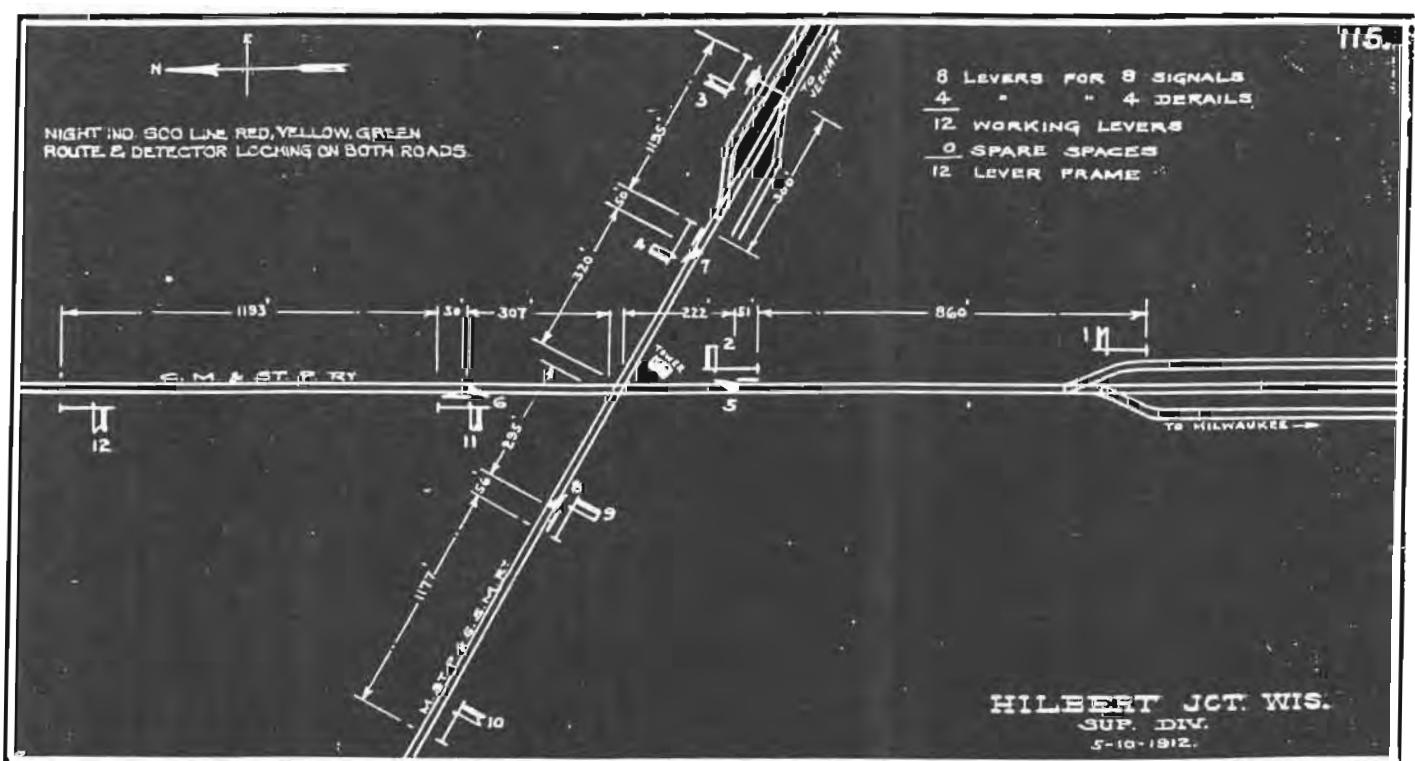
<u>OPERATION</u>	{	<u>C. M. &amp; ST. P.R.Y. 100%</u>
<u>&amp; SUPPLIES</u>		

BUILT BY C.M. & ST.P.R.Y.REPAIRINGC. M. & ST. P.R.Y.

REV. 1911



REV. 1917



REV. 1917

115-A

HILBERT JCT. INTERLOCKING  
C.M. & ST. P. RY CROSSING M. ST. P. & S.S.M. RY

DATE OF CONTRACT  
APRIL - 25 - 1896

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
OCT - 17 - 1896  
MARCH - 27 - 1912

INSTALLATION - M. ST. P. & S.S.M. 100%

DATE OF STATE COM. PERMIT

MAINTENANCE - M. ST. P. & S.S.M. 100%

BUILT BY — NAT. SWITCH & SIG. CO.  
REBUILT - 4-2-1912 BY M. ST. P. & S.S.M.

OPERATION — M. ST. P. & S.S.M. 100%

OWNERSHIP — M. ST. P. & S.S.M. 100%

REPAIRING — M. ST. P. & S.S.M.

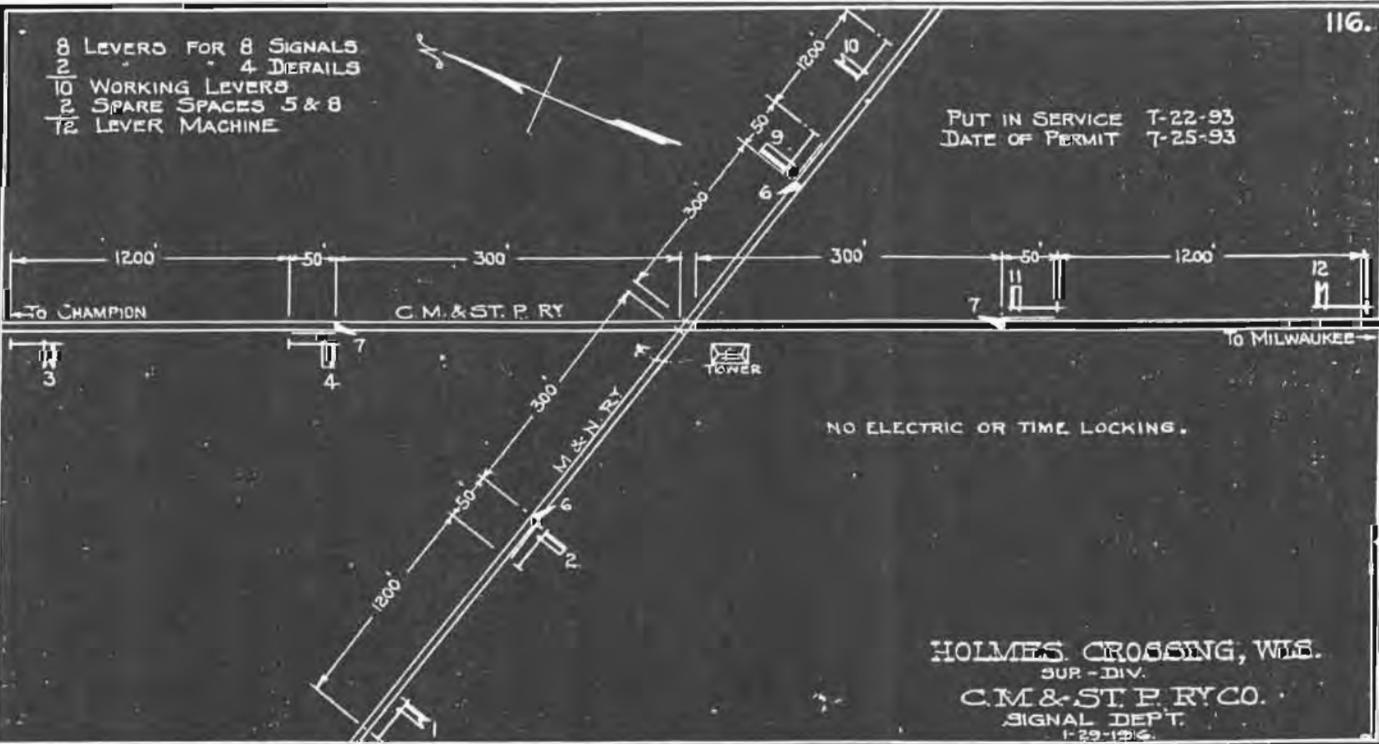
REV. 1912

6-14-1912

116.

8 LEVERS FOR 8 SIGNALS  
2 4 DERRAILS  
10 WORKING LEVERS  
2 SPARE SPACES 5 & 8  
12 LEVER MACHINE

PUT IN SERVICE T-22-93  
DATE OF PERMIT 7-25-93



REV. 1916

HOLMES CROSSING INTERLOCKING.C. M. & ST. P. RY. CROSSING HOLMES LOGGING RY.AGREEMENT OF EXPENSES

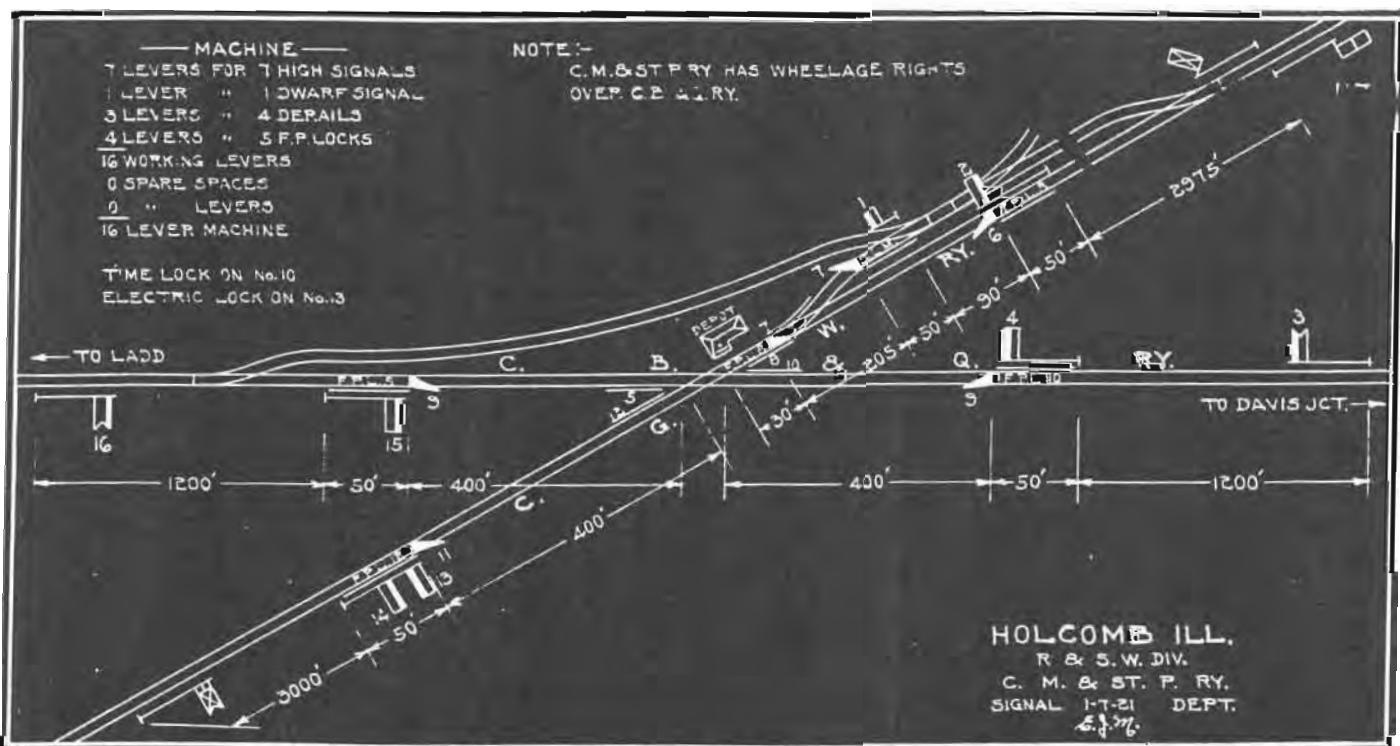
MACHINE
SAXBY & FARMER.
8 SIGNAL LEVERS
2 SWITCH LEVERS
2 SPARE SPACES
12 LEVER FRAME.

MAINTENANCE	OPERATION
HOLMES LOGGING RY. 100%	HOLMES LOGGING RY. 100%
OWNERSHIP SAME	
AS MAINTENANCE	

CONTRACT
DATE OF
COST OF \$
TOWER'S
BUILT BY U.S. & S. CO.
MAINTAINED BY W. & M. RY.

AST

REV. 1911



REV. 1921

117-A

## HOLCOMB ILL.

C.M. &amp; ST.P.RY. JOINT WITH C.B.&amp;Q.RY.

## DATE OF CONTRACT

APRIL 15 1899 C.G.W. & C.B.&Q.  
 MARCH 23 1903 C.M. & ST.P. & C.B.&Q.

## DATE PLANT PUT IN SERVICE

AUGUST 29 1900

## DATE OF STATE COM. PERMIT

## PLANT BUILT BY

C.G.W.

## AGREEMENT BY CONTRACT

INSTALLATION	C.M. & ST.P.	0
	C.G.W.	2/3
	C.B.&Q.	1/3

OWNERSHIP	C.M. & ST.P.	0
	C.G.W.	63.77
	C.B.&Q.	36.23

MAINTENANCE	C.M. & ST.P.	TO C.B&Q CAR MILAGE
	C.G.W.	66 2/3
	C.B&Q	33 1/3

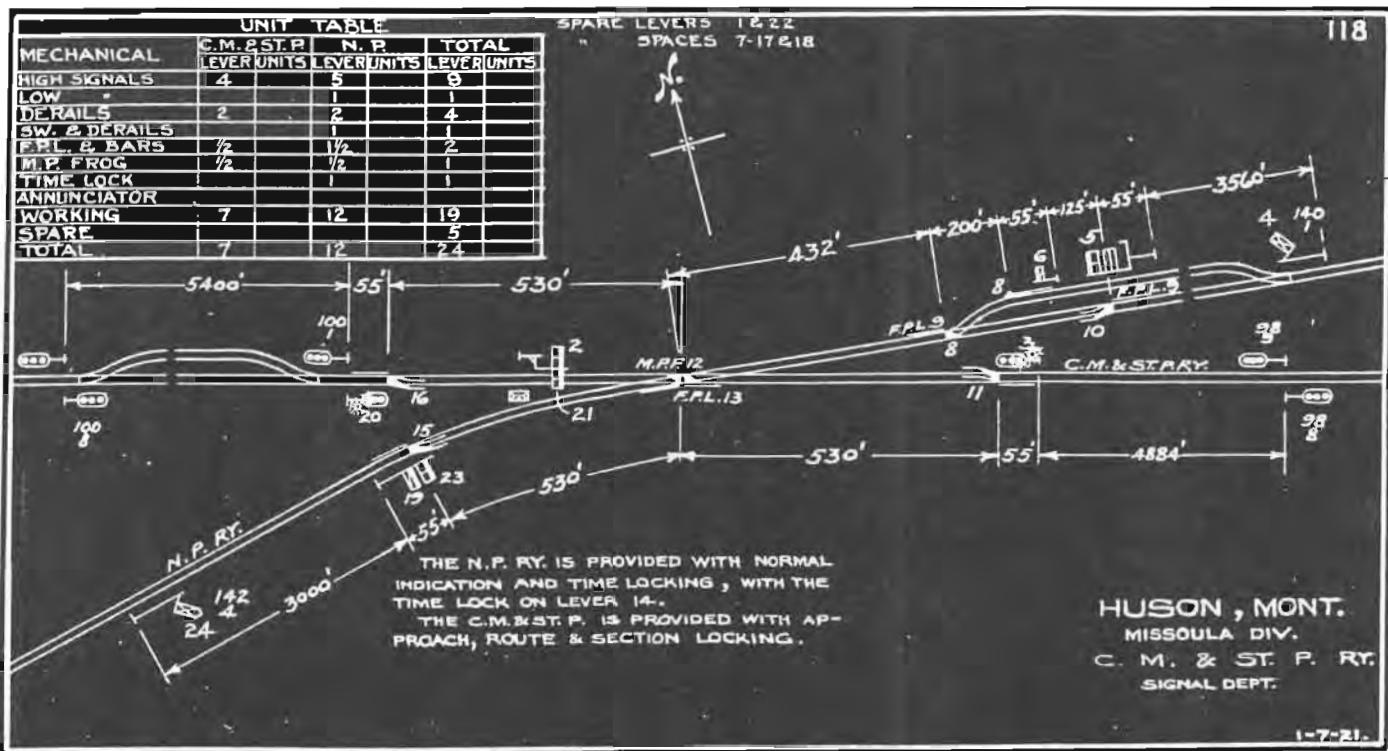
OPERATION	C.M. & ST.P.	TO C.B&Q CAR MILAGE
	C.G.W.	66 2/3
	C.B.&Q.	33 1/3

REPAIRING	C.G.W.	
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I-A-PLAT

REV. 1921

118



REV. 1921

118-A

HUSON INTERLOCKING  
C.M.&P.S.RY.-N.P.RY.

DATE OF CONTRACT  
7-27-09.

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
9-23-09.

INSTALLATION - C.M.&P.S. 100%

DATE OF STATE COM. PERMIT

MAINTENANCE - " "

BUILT BY - C.M.&P.S.RY.

OPERATION - "

OWNERSHIP - "

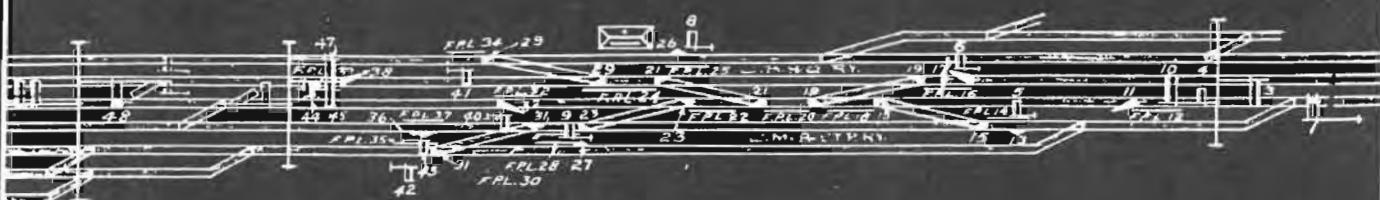
REPAIRING - "

REV. 1911

119

8 LEVERS FOR 8 HIGH SIGNALS COUNTING LOW ARMS 4 & 11  
 8 " " 8 DWARF "  
 6 " 12 SWITCHES  
 8 " 8 DERAILS  
 13 " 15 P.LOCKS  
 44 WARNING LEVERS  
 4 SPRAKE SPACES 2-7-16 & 47  
 48 LEVER MACHINE

NORMAL INDICATION LIGHTING ON  
SIGNALS 1 & 48



HOFFMAN AVE. INTERLOCKING  
T.C. TERM.

IN SERVICE 11-30-09.

REV. 1917

119-A

## HOFFMAN AVE. INTERLOCKING

C.M. &amp; ST.P. &amp; C.B.&amp;Q. RYS.

DATE OF CONTRACT  
3-18-10

AGREEMENT BY CONTRACT

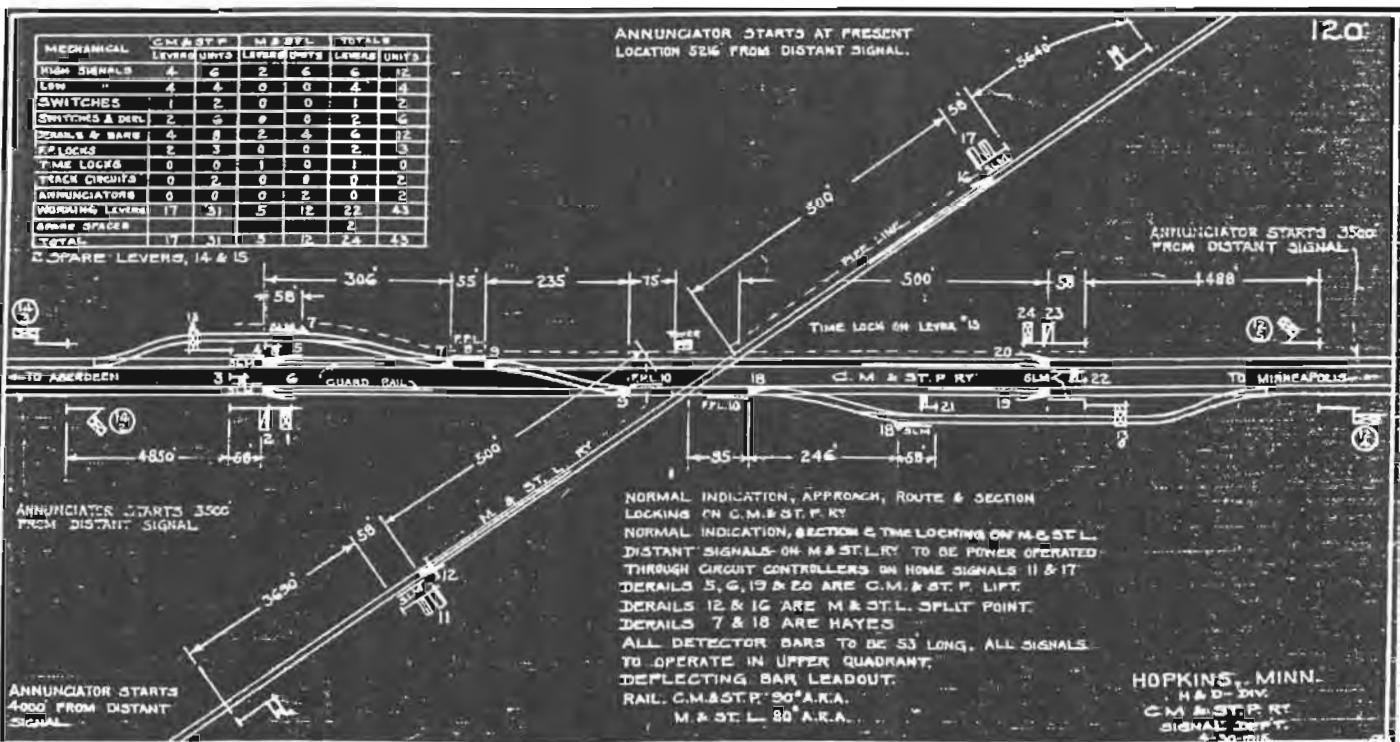
DATE PUT IN SERVICE  
11-30-09INSTALLATION { C.M. & ST.P. - 16/53  
C.B. & Q. - 37/53DATE OF STATE COM. PERMIT  
11-27-09MAINTENANCE } C.B. & Q. - 1/53  
C.M. & ST.P. - 6/53  
ST.P. BRIDGE - 60%  
L.T.E.R.Y.L CO. - 20%  
N.P. - 20% OFF BAG

BUILT BY - C.B. &amp; Q.RY.

OPERATION } G.N. - 20%  
OWNERSHIP - SAME AS MAINTENANCE

REPAIRING - C.M. &amp; ST.P. RY.

REV. 1915



REV. 1917

120A

## HOPKINS INTERLOCKING

CM &amp; STP RY. CROSSING M &amp; STL RY.

## DATE OF CONTRACT

JULY - 20 - 1910  
 SEPT - 1 - 1912  
 AUG - 22 - 1927

## DATE PLANT PUT IN SERVICE

FEB - 17 - 1911.  
 Aug - 26 - 1915.

## DATE OF STATE COM. PERMIT

FEB - 17 - 1911.  
 RE-ISSUED - SEPT - 14 - 1915

## PLANT BUILT BY

C.M. &amp; STP.

## AGREEMENT BY CONTRACT

INSTALLATION OWNERSHIP

$$\begin{cases} \text{CM & STP} - 50\% \\ \text{M & STL} - 50\% \end{cases}$$

56.91.14

MAINTENANCE

$$\begin{cases} \text{CM & STP} - 69.23\% \\ \text{M & STL} - 30.77\% \end{cases}$$

OPERATION

$$\begin{cases} \text{CM & STP} - 50\% \\ \text{M & STL} - 50\% \end{cases}$$

REPAIRING

C.M. &amp; STP.

5-1-1915

REV. 1920

122

## —MACHINE—

8 LEVERS FOR 2 HIGH SIGNALS

2 " " 2 F.P. LOCKS

2 " " 4 RAIL LOCKS

1 LEVER " 2 DERAILS

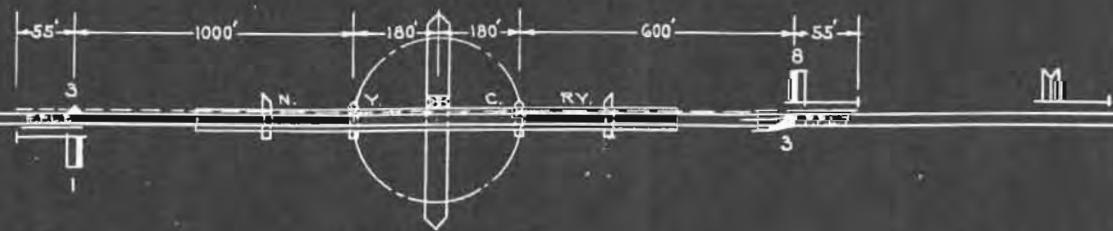
1 " " 2 COUPLERS

8 WORKING LEVERS

0 SPARE LEVERS

0 " SPACES

8 LEVER MACHINE



\*4&5 BRIDGE LOCKS  
 \*6 BRIDGE COUPLER

HOWE ILL.  
 ILLINOIS RIVER DRAW  
 R. & S.W.DIV.  
 C.M. & STP. SIGNAL DEPT.  
 3-1-21 41m

REV. 1921

HOWE ILL.

## ILLINOIS RIVER DRAW

C.M. &amp; ST.P.RY. JOINT WITH N.Y.C.RY.

## DATE OF CONTRACT

FEB. 9-1903

## AGREEMENT BY CONTRACT

INSTALLATION { C.M. & ST.P. 0%  
N.Y.C. 100%

## DATE PLANT PUT IN SERVICE

1905

OWNERSHIP { C.M. & ST.P. 0%  
N.Y.C. 100%

## DATE OF STATE COM. PERMIT

MAINTENANCE { C.M. & ST.P. } WHEELAGE BASIS  
N.Y.C.

## PLANT BUILT BY

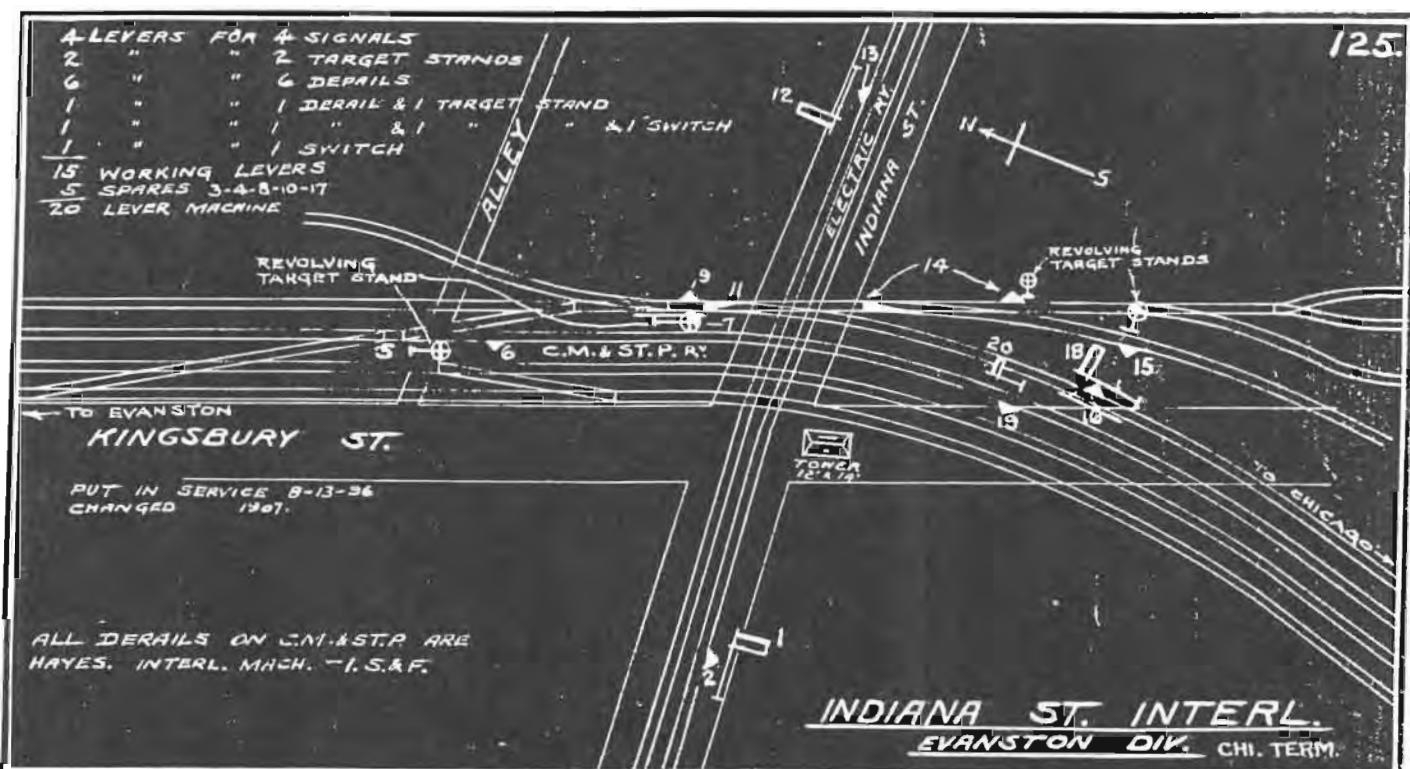
N.Y.C.

OPERATION { C.M. & ST.P. } WHEELAGE BASIS  
N.Y.C.

REPAIRING { N.Y.C.

3-3-21

REV. 1921



REV. 1911

INDIANA ST. INTERLOCKINGN. C. ST. R. R. CROSSING C.M. & ST. P. RY.

DATE OF CONTRACT  
SEPT-27-1905

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
AUG-13-1896

INSTALLATION C.R.Y.S. CO. 100%

DATE OF STATE COM. PERMIT.

MAINTENANCE C.M. & ST. P. 11.1%  
C.R.Y.S. CO. 88.9%

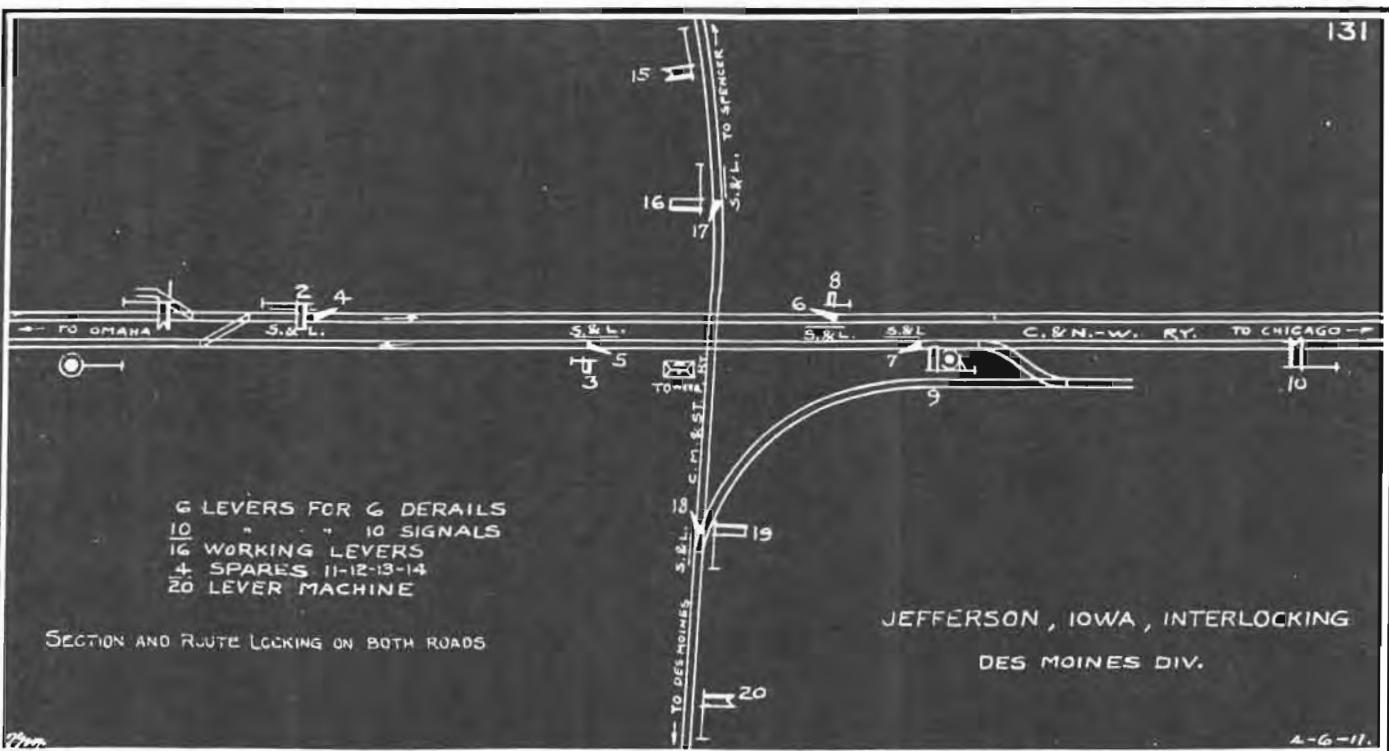
BUILT BY - N.S. & S. CO.  
4 LEVERS ADDED 8-27-07  
BY C.M. & ST. P.

OPERATION C.M. & ST. P. 100%

OWNERSHIP SAME AS MAINTENANCE

REPAIRING C.M. & ST. P.

REV. 1908



REV. 1911

131-A

## JEFFERSON, IOWA, INTERLOCKING

C.M. &amp; ST.P.RY. CROSSING C. &amp; N.-W. RY.

DATE OF CONTRACT  
11-20-00.

## AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
6-14-01.INSTALLATION - { C. & N.W. 50%  
C.M. & ST.P. 50%

DATE OF STATE COM. PERMIT

MAINTENANCE - { C. & N.W. 53.19%  
C.M. & ST.P. 46.81%

BUILT BY - U.S. &amp; S. CO.

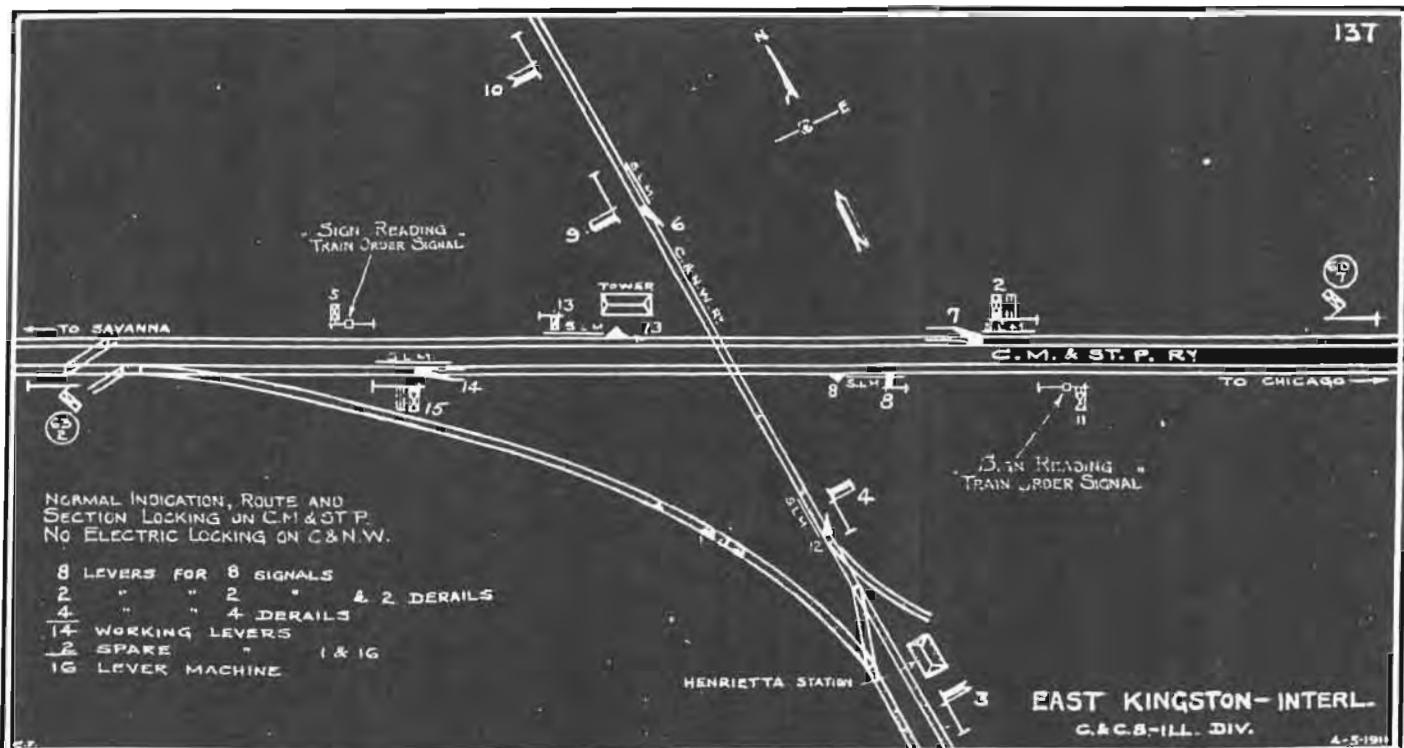
OPERATION - -- { C. & N.W. 50%  
C.M. & ST.P. 50%

REPAIRING - -- C. &amp; N.W. Ry.

OWNERSHIP SAME AS MAINTENANCE  
4-6-01.

REV. 1921

137



REV. 1917

## EAST KINGSTON-INTERLOCKING-ILL.

C.M.&amp; ST.P. RY CROSSING C.&amp; N.W. RY

## DATE OF CONTRACT

8-6-1892

## AGREEMENT BY CONTRACT

OWNERSHIP { C.M.& ST.P. - 45%  
INSTALLATION { C.& N.W. - 55%

## DATE PLANT PUT IN SERVICE

10-23-92

MAINTENANCE { C.& N.W. 55%  
{ C.M.& ST.P. 45%

## DATE OF STATE COM. PERMIT

OCT. - 1892

OPERATION { CM&ST.P.  $\frac{1}{3}$  - 1ST LEVERMANS WAGES  
{ +  $\frac{1}{2}$  BALANCE OF OPERATION OVER \$30.  
C&NW. \$30. PER MO. +  $\frac{1}{2}$  OF BALANCE  
OF OPERATION OVER \$30.

## BUILT BY - U.S. &amp; CO.

## REPAIRING C.M. &amp; ST.P.

4-7-1911

REV. 1911

NORMAL INDICATION APPROACH ROUTE AND SECTION LOCKING  
SWITCHES & DERAILS WHICH ARE FACING POINT LOCKED ARE  
OPERATED BY SWITCH & LOCK MOVEMENT (WITH LOCK PLUNGER RE-  
MOVED) TO PREVENT MOVEMENT OF PIPE LINE WHEN PIPELINES  
ARE UNCOUPLED AT BRIDGE COUPLERS.

SIGNALS 7-8-39-40 POWER OPERATED WITHOUT PIPE LINES  
1-36-38 " " CONTROLLED BY PIPE LINES  
2, 3, 4, 10, 20, 35, 37 " MECHANICAL OPERATED

BRIDGE LOCK 30  
COUPLERS 5-31

KINNICKINNICK DRAW BRIDGE  
MILWAUKEE TERMINAL DIV.

C. M. &amp; ST.P. RY.

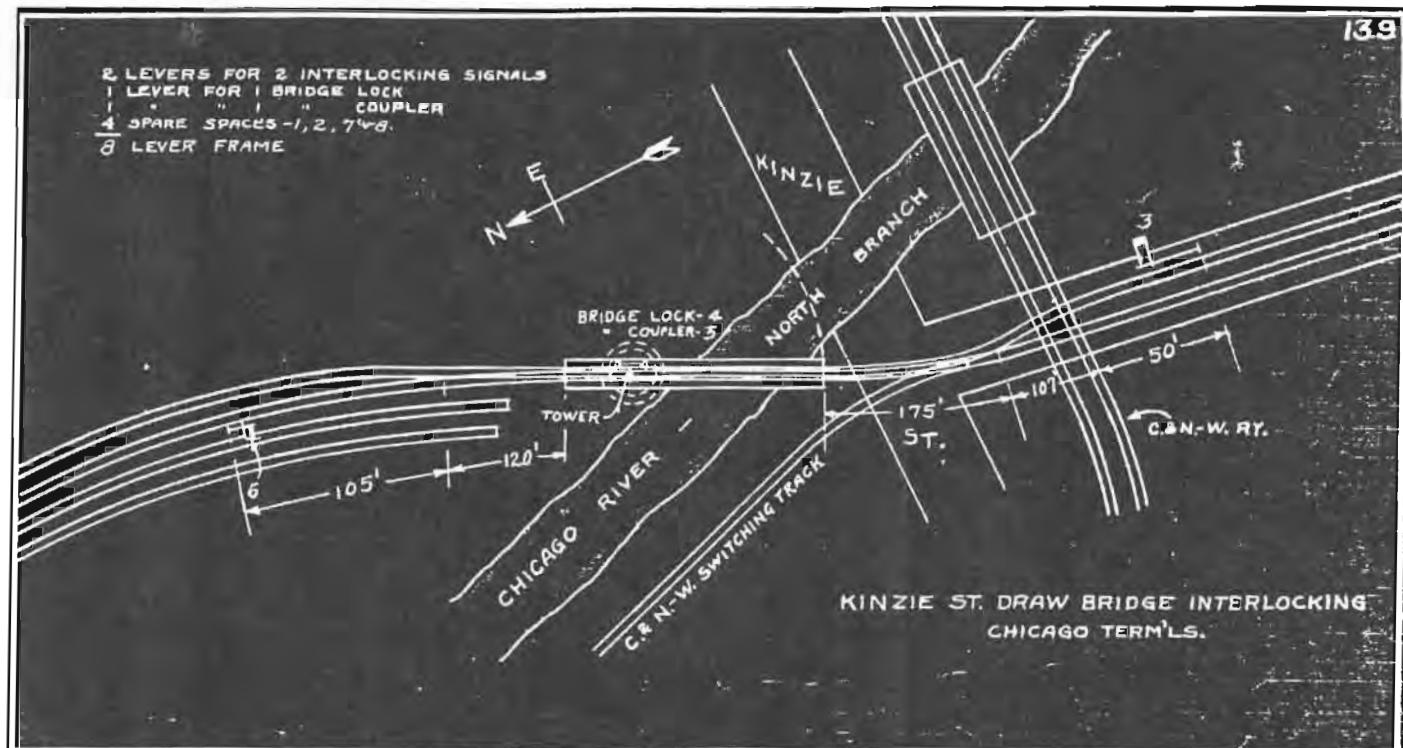
SIGNAL DEPT.

12-14-16

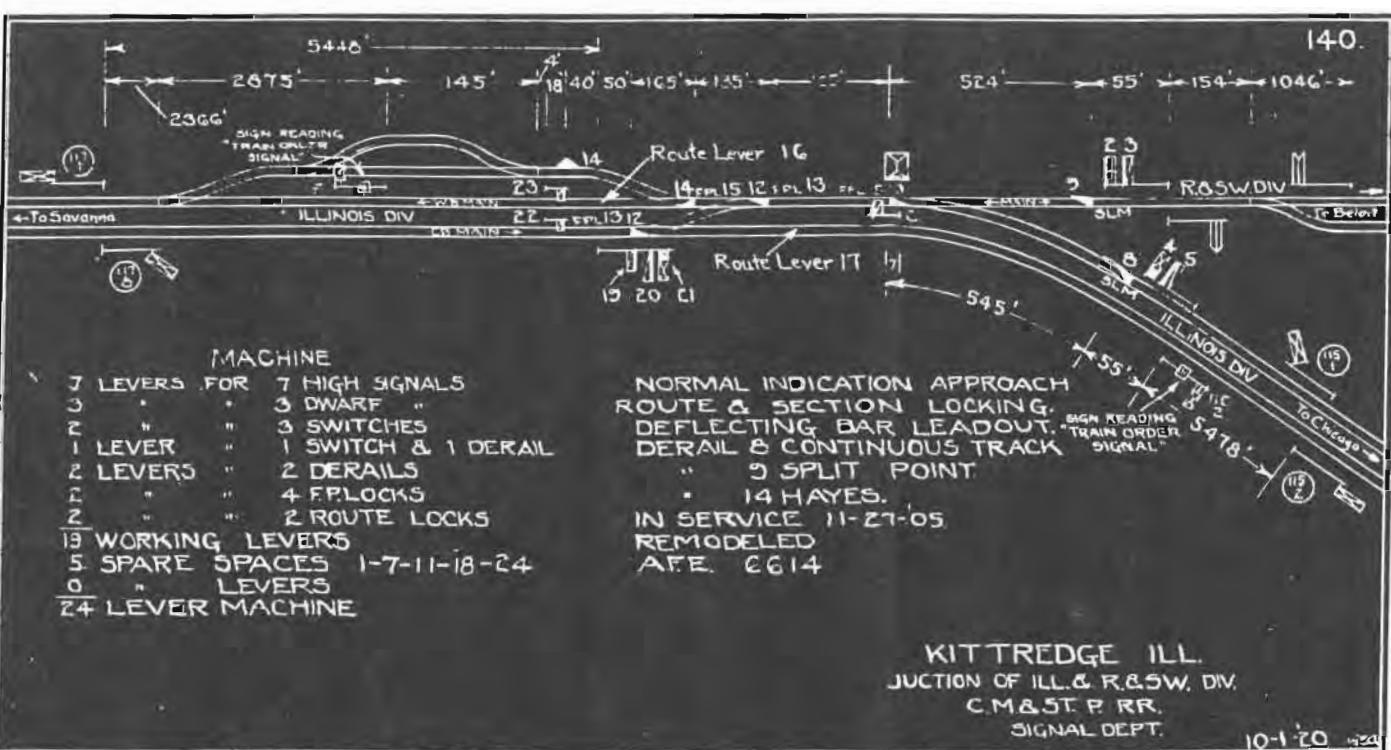
JNO.

REV. 1917

139

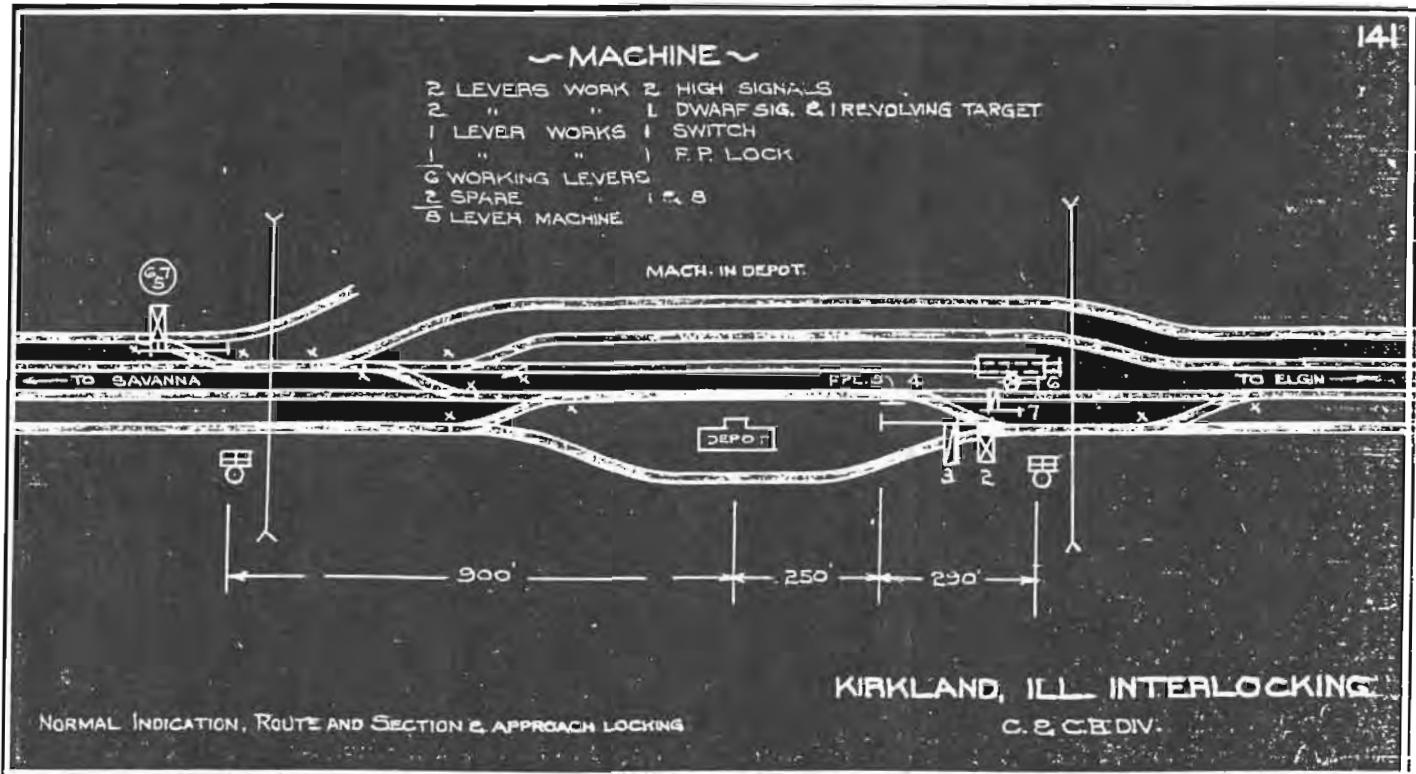


REV. 1911

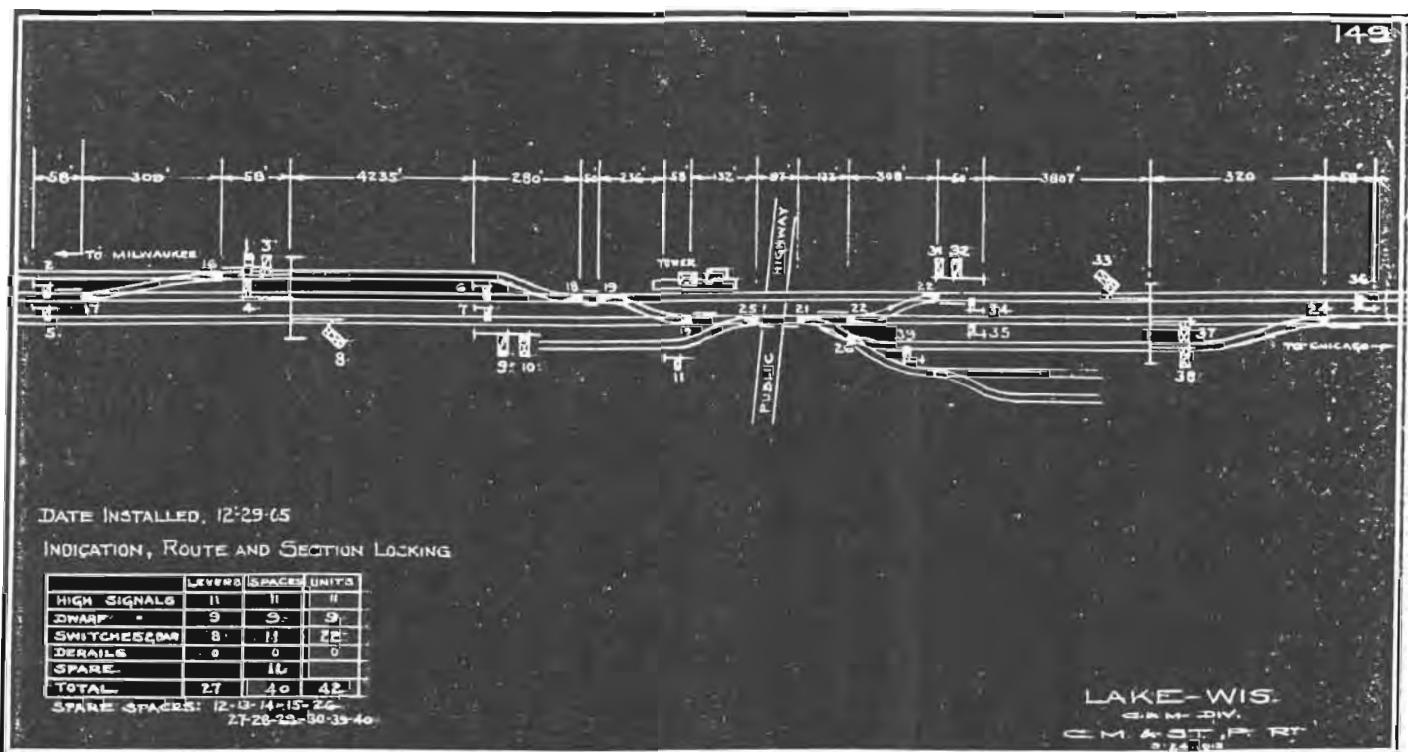


REV. 1922

91

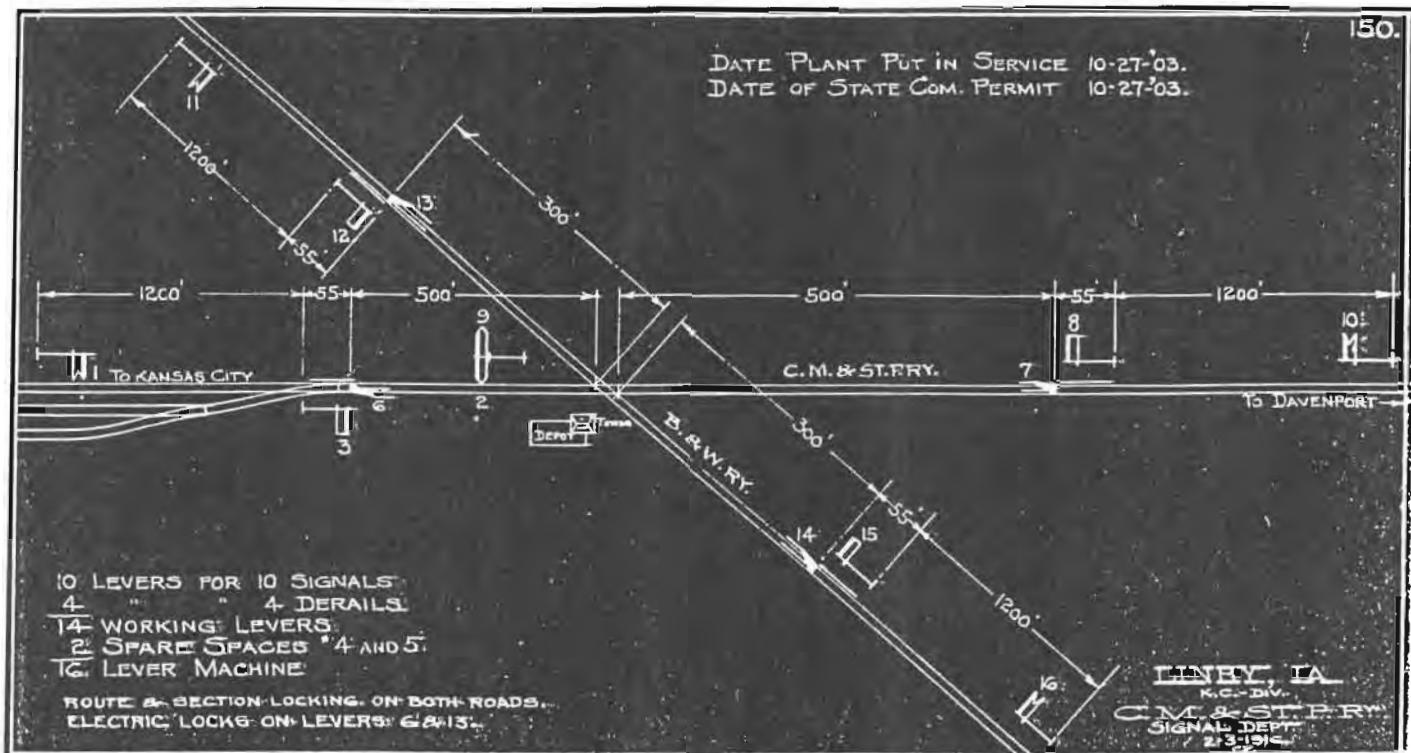


REV. 1917



REV. 1912

150.



REV. 1916

150-A

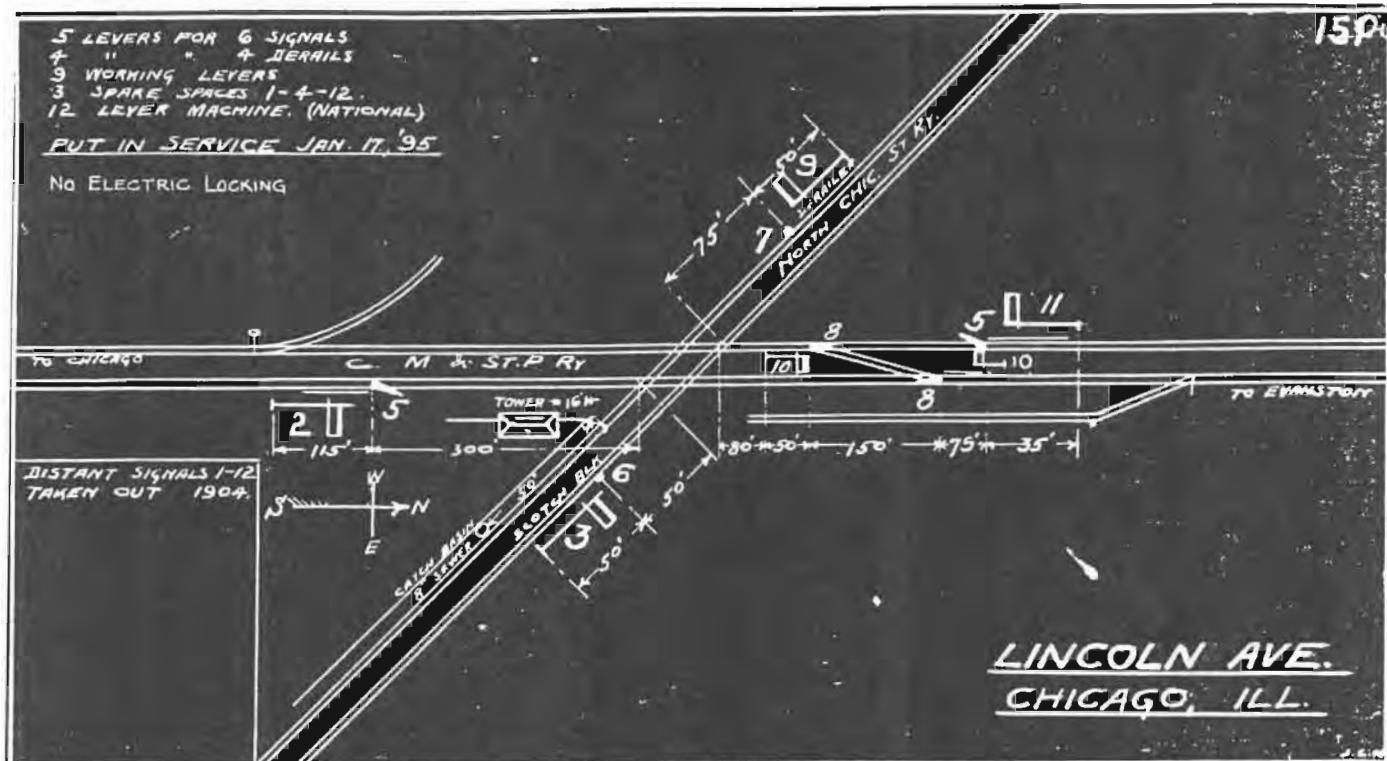
LINBY INTERLOCKINGC. M. & ST. RY. CROSSING C. B. & Q. RY.DATE OF CONTRACT11-4-02DATE PLANT PUT IN SERVICE10-27-03DATE OF STATE COM. PERMIT10-27-03BUILT BY U. S. & S. CO.

AGREEMENT IN EFFECT 2-1-05.

AGREEMENT BY CONTRACTOWNERSHIP C. M. & ST. RY. 100  $\frac{2}{3}$ %  
C. M. & ST. RY. 00  $\frac{1}{3}$ %,MAINTENANCE  $\begin{cases} \text{C. M. & ST. RY.} & 33 \frac{1}{3}\% \\ \text{C. B. & Q. RY.} & 33 \frac{1}{3}\% \end{cases}$ OPERATION &  
SUPPLIES  $\begin{cases} \text{C. M. & ST. RY.} & 66 \frac{2}{3}\% \\ \text{C. B. & Q. RY.} & 33 \frac{1}{3}\% \end{cases}$ EXPENSE OF INSTALLATION ALL C. M. & ST. RY.  
EACH COMPANY FURNISHES ITS OWN DERAILS.REPAIRING C. M. & ST. RY.

APR 9-29-02

REV. 1911



REV. 1917

LINCOLN AVE. INTERLOCKING.C.M. & ST.P. RY. CROSSING N.C.E. RY.DATE BY CONTRACT

9-12-1894

AGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICE

<u>OWNERSHIP</u>	N.C.E.RY. 100%
<u>INSTALLATION</u>	

DATE OF STATE COM. PERMIT

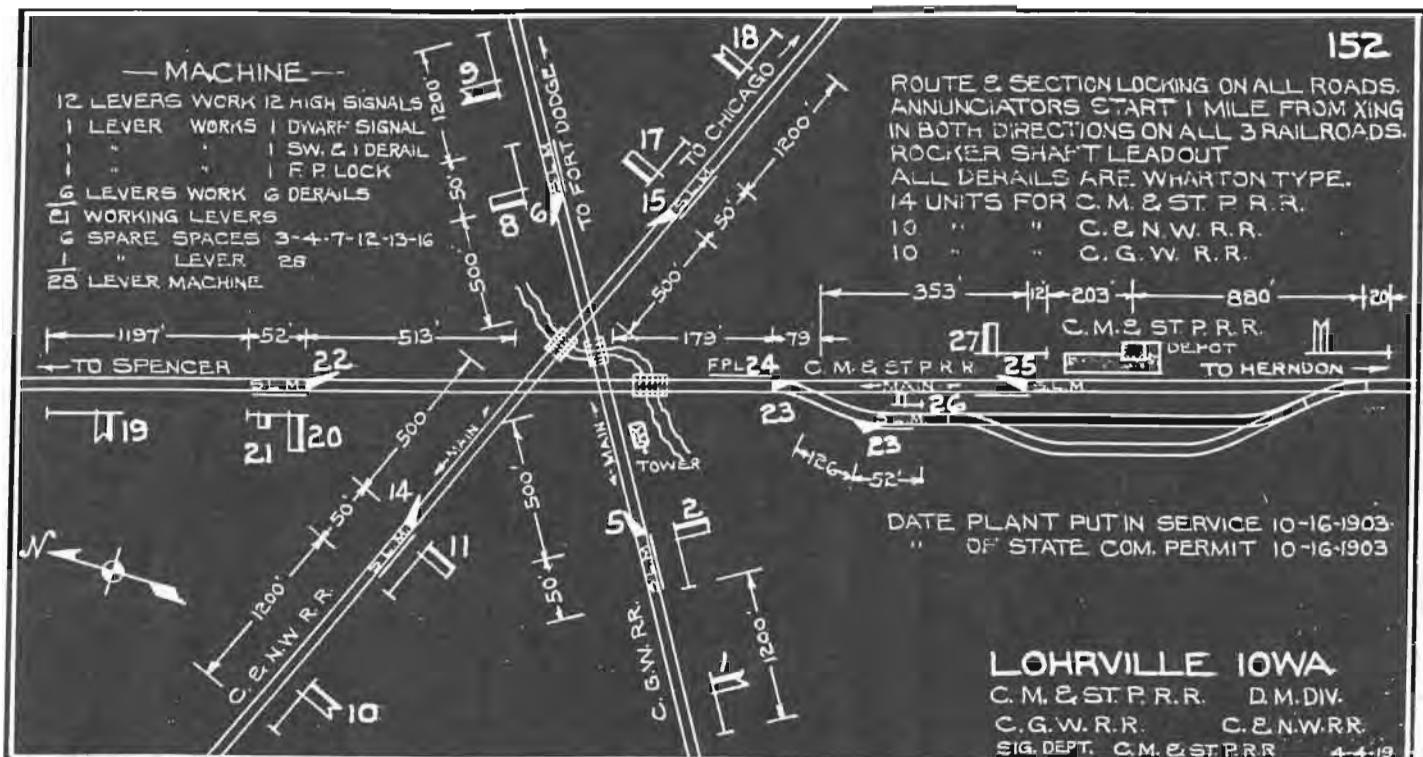
<u>MAINTENANCE</u>	N.C.E.RY. 100%
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BUILT BY N.S. & S. CO.

<u>OPERATION</u>	N.C.E.RY. 50% C.M. & ST.P.RY. 50%
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REPAIRING C.M. & ST.P.RY.

REV. 1911



REV. 1919

152-A

## LOHRVILLE INTERLOCKING

C. G. W. RY. C. & N. W. RY. C. M. & ST. P. RY.

DATE OF CONTRACT

1-30-'02

DATE PLANT PUT IN SERVICE

10-16-03

DATE OF STATE COM. PERMIT

10-16-03

BUILT BY

AGREEMENT BY CONTRACT

INSTALLATION C. G. W. RY. 100%

OWNERSHIP  
MAINTENANCE  
AND  
OPERATION

<u>C. &amp; N. W. RY.</u> <u>C. M. &amp; ST. P. RY.</u> <u>C. G. W. RY.</u>	<u>16 2/3 %</u> <u>16 2/3 %</u> <u>66 2/3 %</u>
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REPAIRING C. G. W. RY.

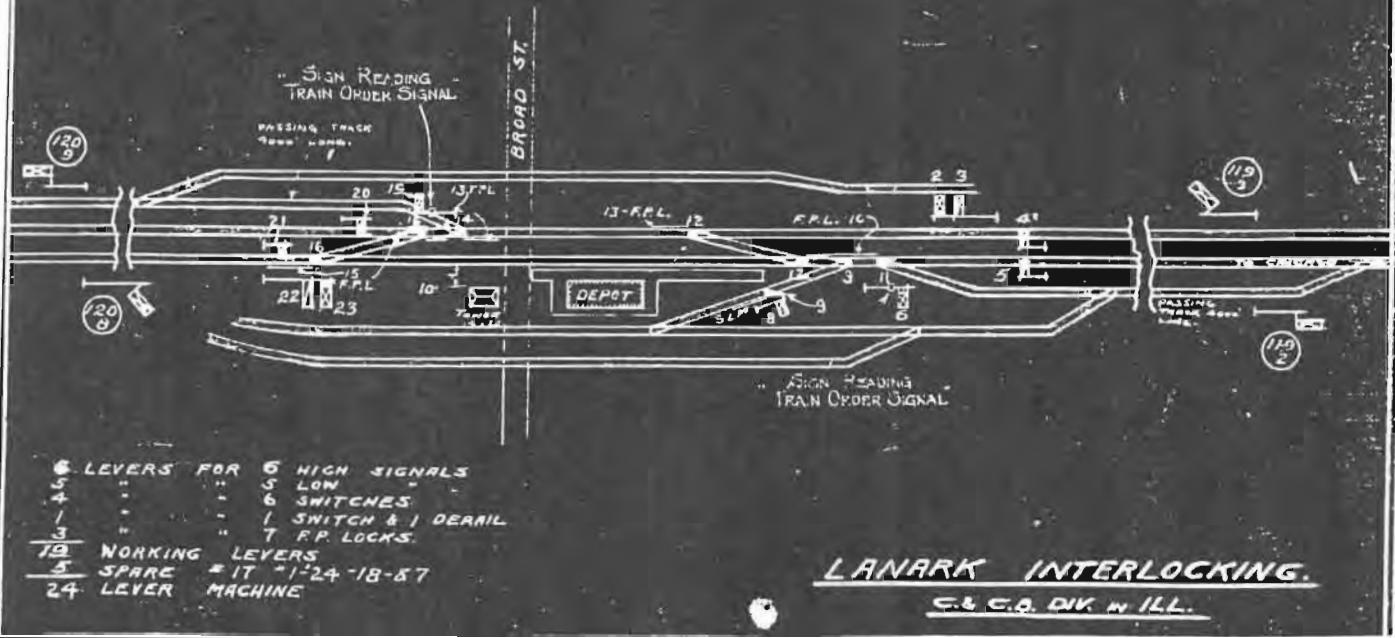
2-27-08 816

REV. 1919

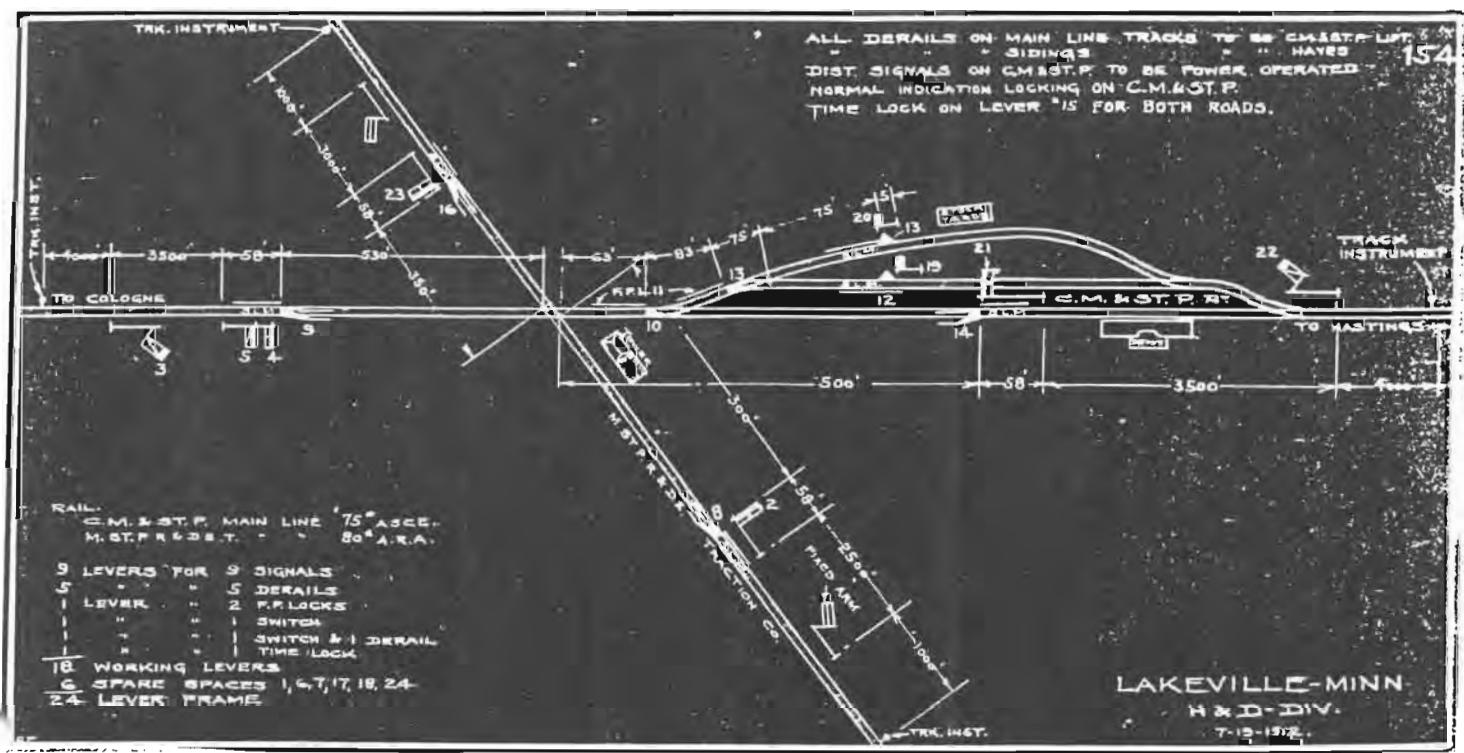
95

153

NORMAL INDICATION, ROUTE, SECTION, & APPROACH LOCKING  
DATE INSTALLED 1-10-06



REV. 1914



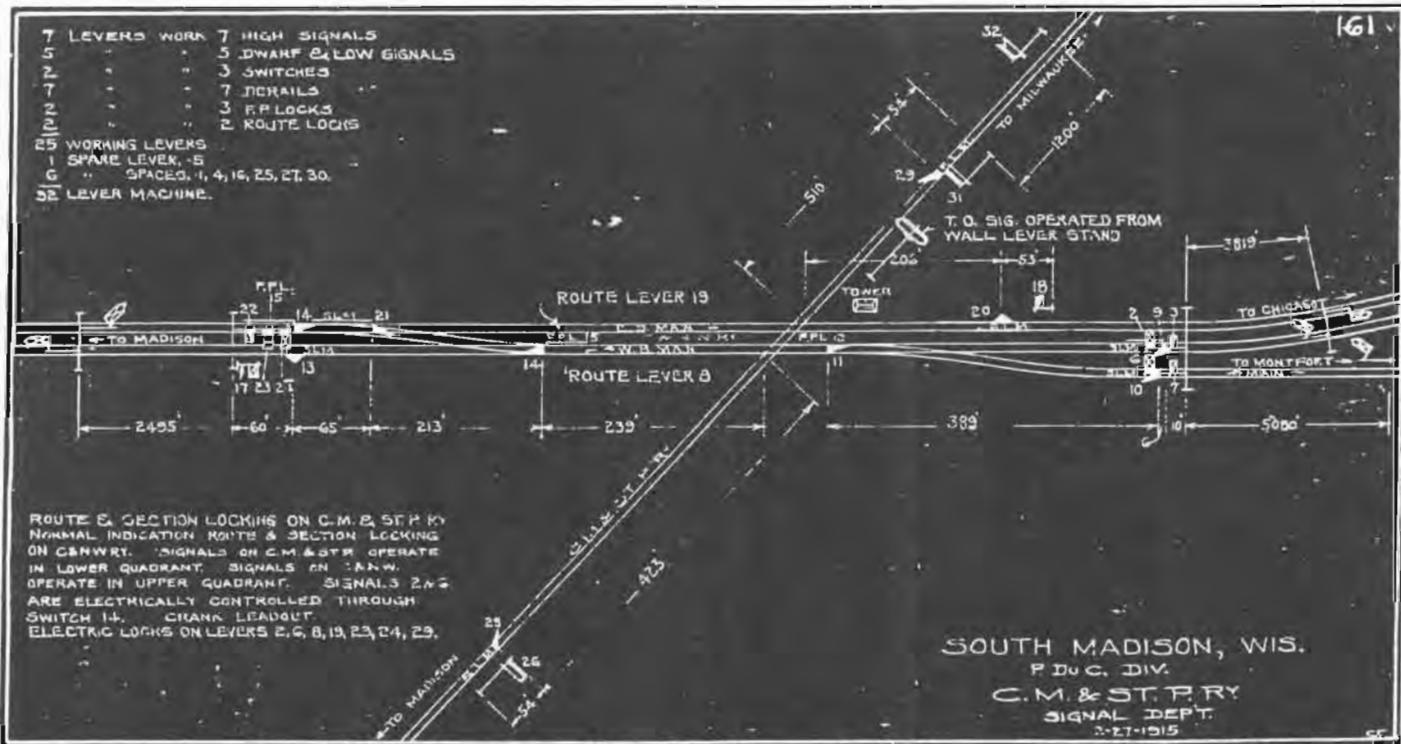
REV. 1912

154-A

**LAKEVILLE INTERLOCKING**  
**C.M. & ST. P. RY CROSSING M. ST.P.R.&D.T.CO.**

**DATE OF CONTRACT****AGREEMENT BY CONTRACT.****DATE PLANT PUT IN SERVICE****INSTALLATION } M. ST.P.R.&D.CO. 100%**  
**OWNERSHIP }****DATE OF STATE COM. PERMIT.****MAINTENANCE - M. ST.P.R. & D.T.CO.**  
**100%****BUILT BY - U.S. & S. Co.****OPERATION - M. ST.P.R. & D.T.CO.**  
**100%****REPAIRING - M. ST.P.R. & D.T.CO.**

REV. 1912



REV. 1922

## SOUTH MADISON INTERLOCKING

CM&amp;STP RY crossing C&amp;NW RY

## DATE OF CONTRACT

5-16-00

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

7-6-01

## INSTALLATION OWNERSHIP

C.M.&ST.P.	-64.1%
C&NW	-35.89%

## DATE OF STATE COM. PERMIT

7-6-01

## MAINTENANCE

C.M.&ST.P.	-64.1%
C&NW	-35.89%

EFFECTIVE 3-1-22

## PLANT BUILT BY

U.S. &amp; S. Co.

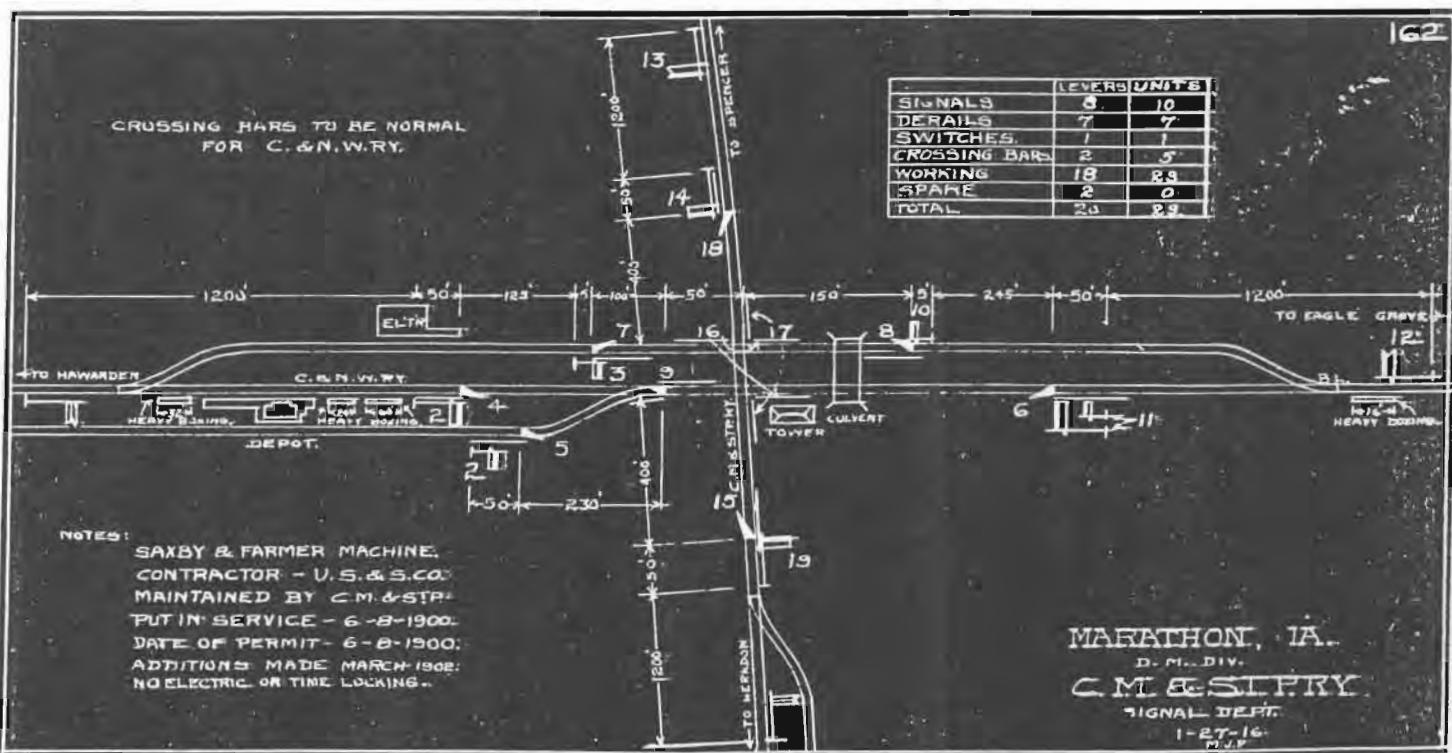
## OPERATION

C.M.&ST.P.	-50%
C&NW	-50%

## REPAIRING

C.M.&ST.P.R.Y.	
----------------	--

REV. 1922



REV. 1917

# MARATHON INTERLOCKING

C. M. & ST P. RY. CROSSING C. & N.W. RY.

DATE OF CONTRACT,

JUNE 15 - 1898

DATE OF PLANT PUT IN SERVICE,

JUNE 8 - 1900.

DATE OF COM. PERMIT,

JUNE 8 - 1900.

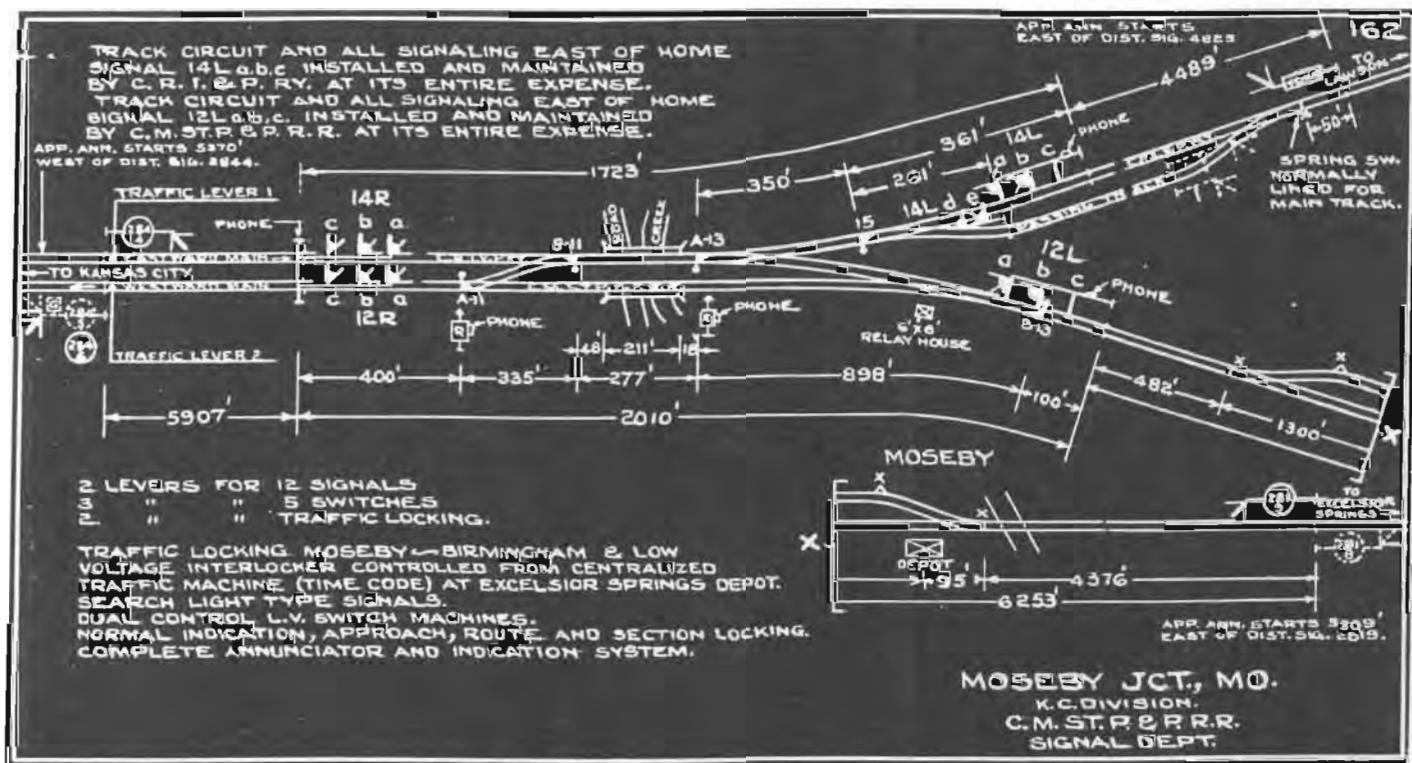
BUILT BY - U.S. + S. CO.

AGREEMENT BY CONTRACT.

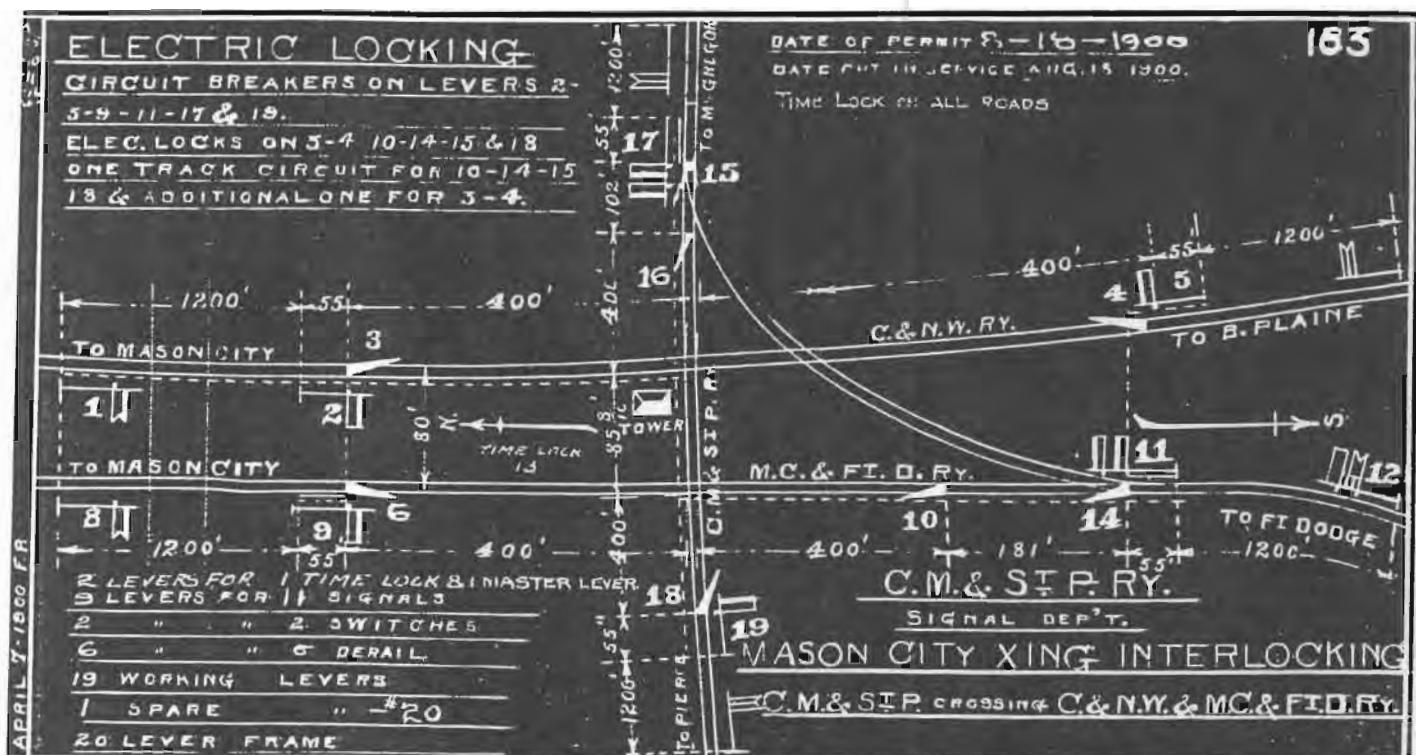
<u>OWNERSHIP</u> <u>Maintenance</u> <u>AND</u> <u>Operation</u> <small>INCLUDING MAINTENANCE, TIES + DERAILS</small>	<u>C. M. &amp; ST P. RY. 66<math>\frac{2}{3}</math>%</u> <u>C. &amp; N.W. RY. 33<math>\frac{1}{3}</math>%</u>
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REPAIRING — CM & SPRY.

REV. 1911



REV. 1927



REV. 1915

## MASON CITY INTERLOCKING

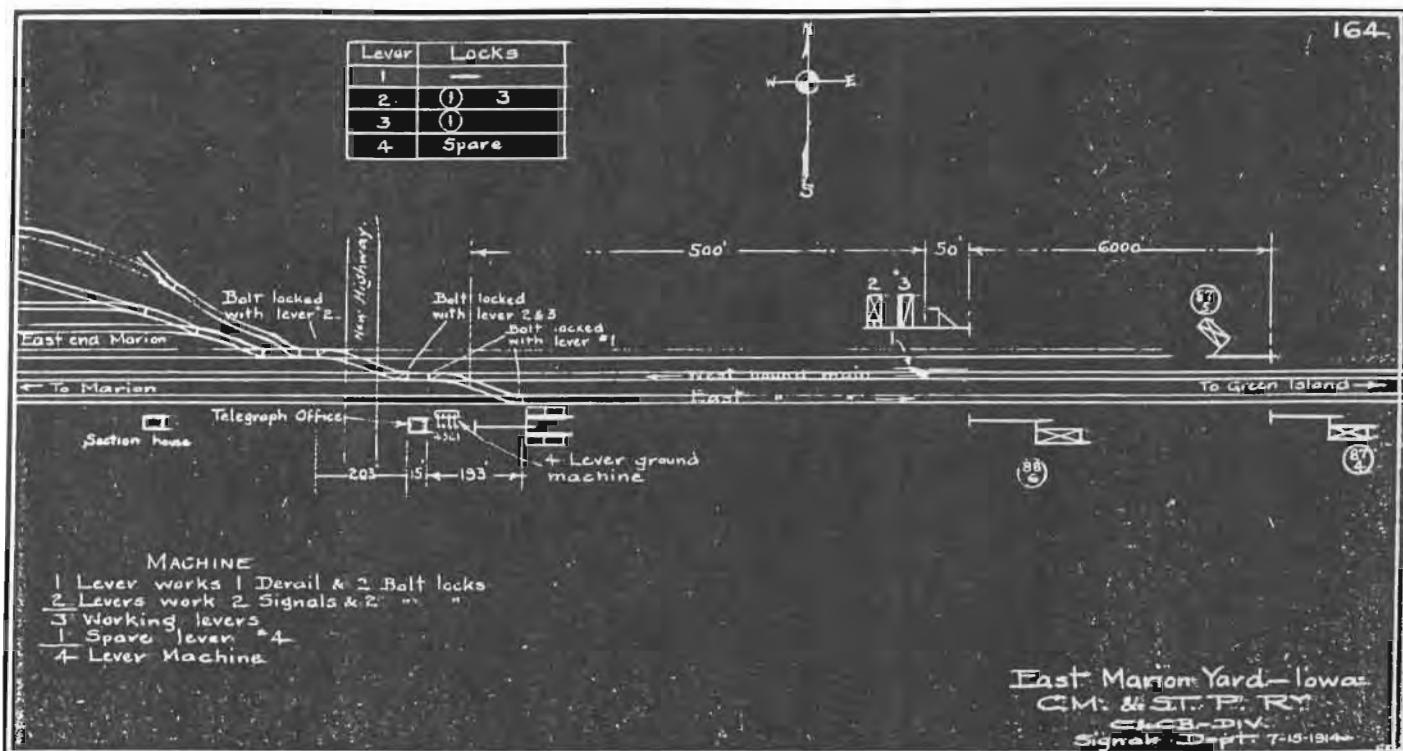
C.M. & S.I.P.R.Y. crossing C.& N.W.R.Y. & M.C. & F.I.D.R.Y.

<u>DATE OF CONTRACT</u>	<u>AGREEMENT BY CONTRACT</u>
<u>DATE PLANT PUT IN SERVICE</u>	<u>OWNERSHIP</u>
<u>AUGUST 18 - 1900.</u>	<u>C. &amp; N. W. RY. 50%</u> <u>M. C. &amp; F.I.D.R.Y. 25%</u> <u>C. M. &amp; S.I.P.R.Y. 25%</u>
<u>DATE OF STATE COM. PERMIT</u>	<u>INSTALLATION</u>
<u>8-18-1900</u>	<u>C. &amp; N. W. RY. 50%</u> <u>M. C. &amp; F.I.D.R.Y. 25%</u> <u>C. M. &amp; S.I.P.R.Y. 25%</u>
<u>BUILT BY U.S. &amp; S. CO.</u>	<u>MAINTENANCE</u>
	<u>OPERATION AND SUPPLIES</u>
	<u>REPAIRING C. &amp; N.W.R.Y.</u>
	<u>INSPECTION IN OPERATING-CHARGE</u>

REV. 1911

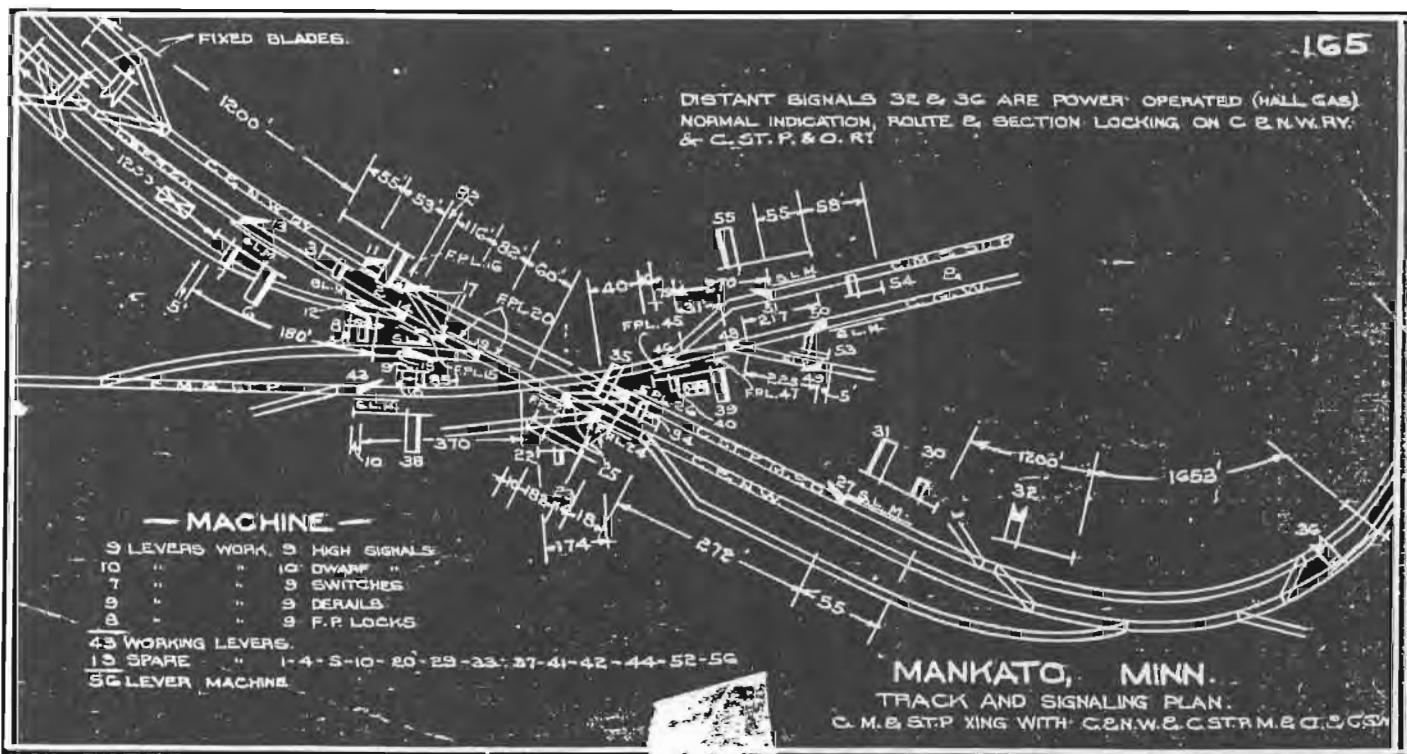
100

164.



REV. 1916

165



REV. 1917

165-A.

## MANKATO INTERLOCKING

C.M. & ST.P. RY  $\frac{1}{2}$  C.B.N.W. RY  $\frac{1}{2}$  C.S.T.P.M & O.R.Y.  $\frac{1}{2}$  C.G.W.R.Y.

## AGREEMENT BY CONTRACT

## DATE OF CONTRACT

3-12-01  
12-1-02  
7-5-13  
10-8-14

## OWNERSHIP

 $\begin{cases} \text{C.M. & ST.P.R.Y.} & 47.76\% \\ \text{C.B.N.W.R.Y.} & 27.61\% \\ \text{C.S.T.P.M & O.R.Y.} & 24.63\% \end{cases}$ 

## DATE PLANT PUT IN SERVICE

2-5-03

## MAINTAINANCE

 $\begin{cases} \text{C.G.W.R.Y.} & 23.88\% \\ \text{C.M. & ST.P.R.Y.} & 23.88\% \\ \text{C.B.N.W.R.Y.} & 27.61\% \\ \text{C.S.T.P.M & O.R.Y.} & 24.63\% \end{cases}$ 

## DATE STATE COMM. PERMIT

2-5-03

## OPERATION

 $\begin{cases} \text{C.G.W.R.Y.} & 25\% \\ \text{C.M. & ST.P.R.Y.} & 25\% \\ \text{C.B.N.W.R.Y.} & 25\% \\ \text{C.S.T.P.M & O.R.Y.} & 25\% \end{cases}$ 

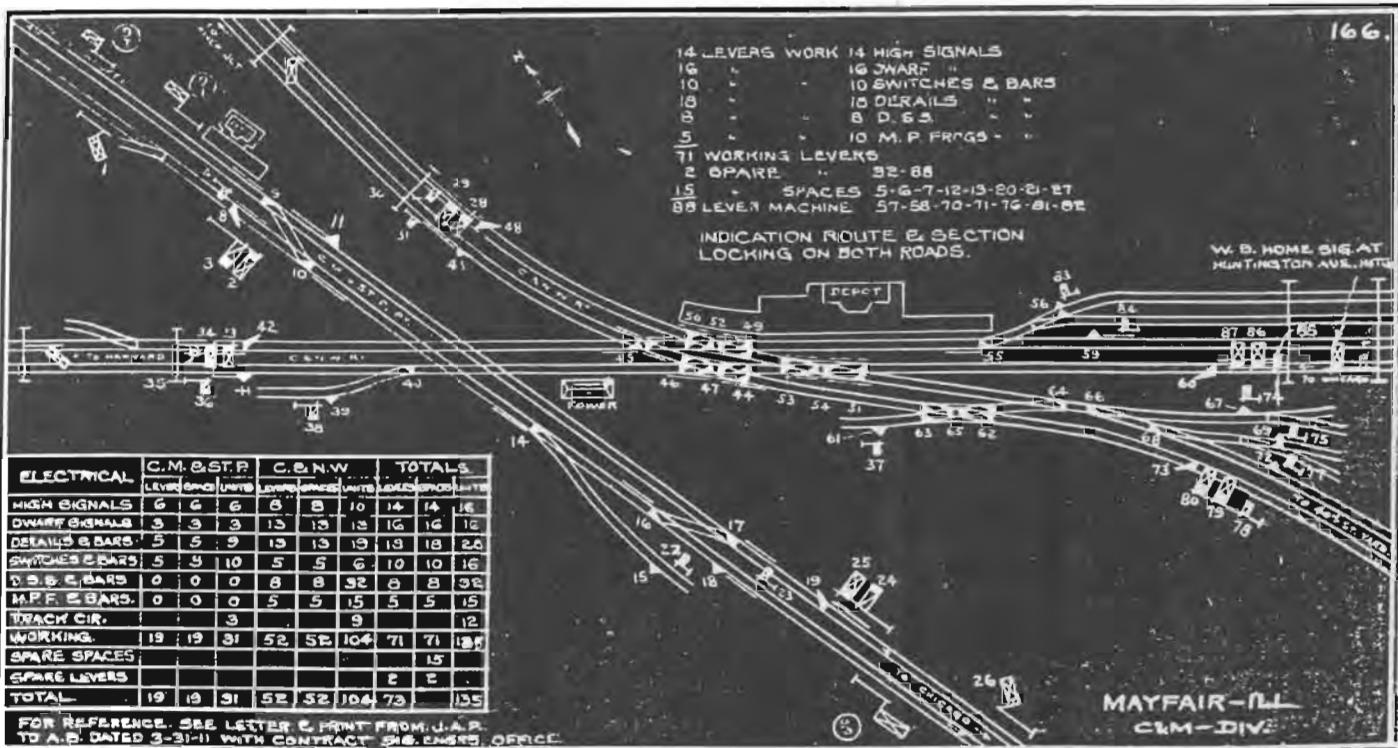
## BUILT BY U.S. &amp; S. CO.

## REPAIRING

C.M. &amp; ST.P.R.Y.

1-5-17 AND

REV. 1917



REV. 1921

# MAYFAIR INTERLOCKING

C.M & ST P RY. CROSSING C. & N.W. RY.

DATE OF CONTRACT,

AUG. 21-1899.

OCT. 14-1909

DATE OF PLANT PUT IN SERVICE,

APRIL 22, 1899.

OCT. 30 1910.

DATE OF COM. PERMITS,

APRIL 26, 1899.

NOV. 29, 1895

BUILT BY,

AGREEMENT BY CONTRACT.

OWNERSHIP  
MAINTENANCE  
AND  
SUPPLIES

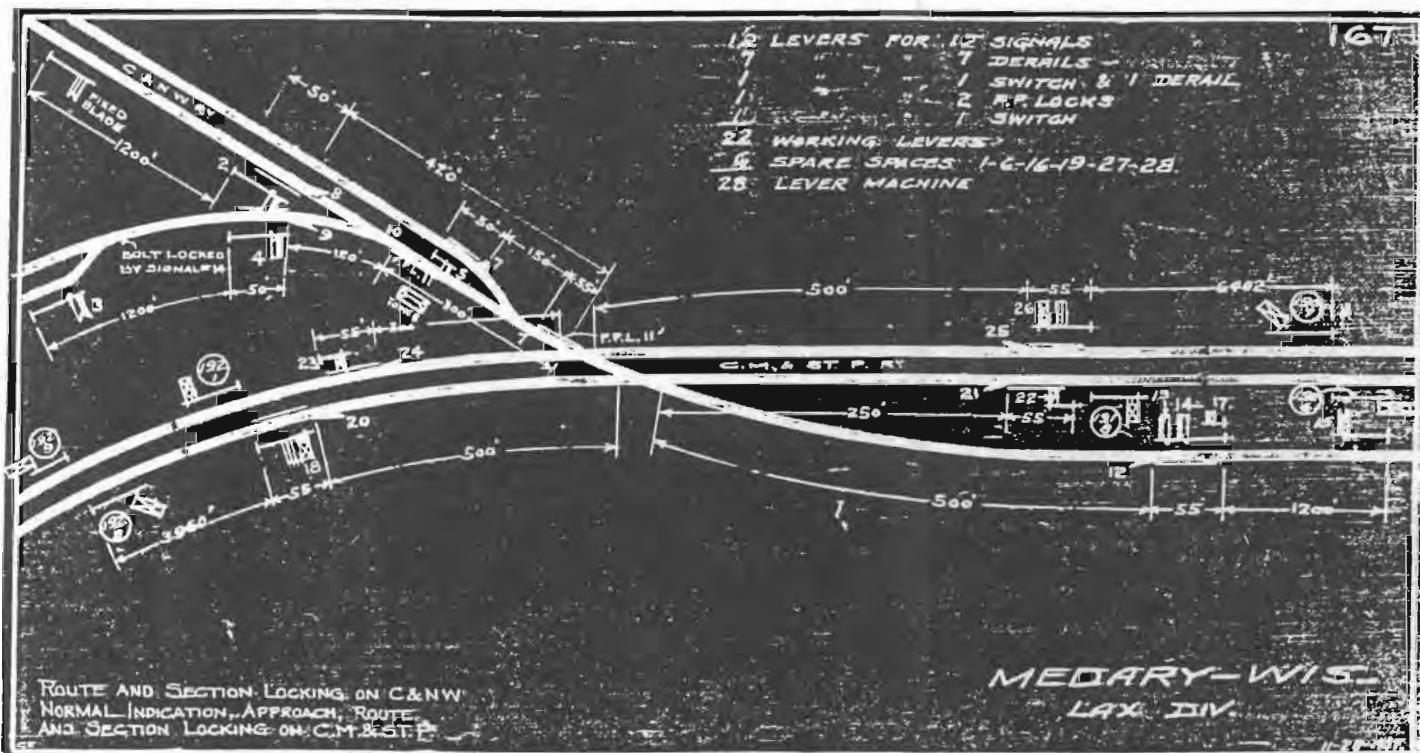
{ C. M & ST P RY.  
C. & N. W. RY.

OPERATION  
FUEL AND  
POWER  
SUPPLIES.

{ C. M & ST P RY. 50%  
C. & N. W. RY. 50%

REPAIRING — C. & N.W.R.Y.

REV. 1921



REV. 1917

# MEDARY INTERLOCKING.

C.M. ST.P&P.R.R. XING C. & N.W.R.Y.

DATE OF CONTRACT  
8-6-92

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE ORIGINAL - 12-7-92  
ENLARGED - 10-31-02 MAINTENANCE EFFECTIVE 4-1-29  
 C.M. ST.P&P.R.R. 54.41%  
 C. & N.W.R.Y. 45.59%

DATE OF STATE COM. PERMIT  
1st - 11-25-92.  
2nd - 10-31-02

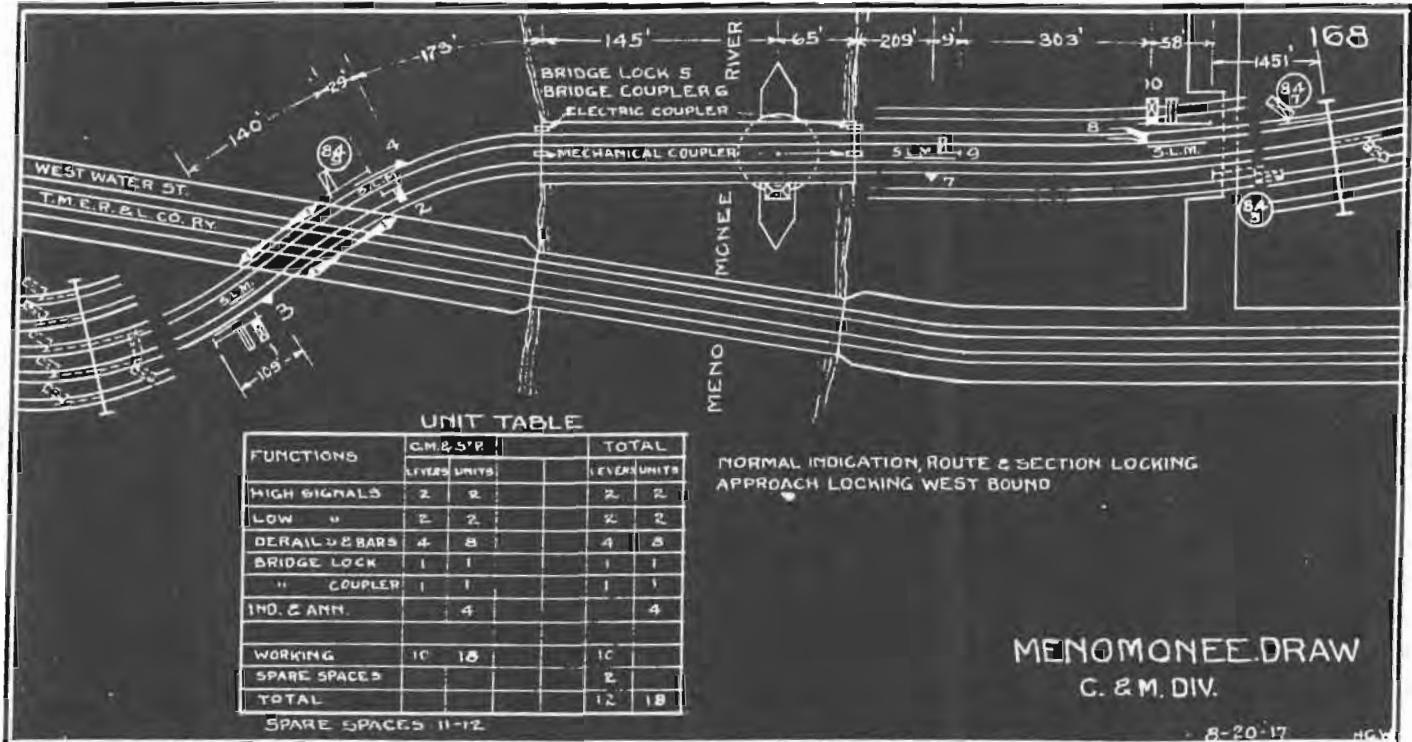
OPERATION  
 C. & N.W.R.Y. 50%  
 C.M. ST.P&P.R.R. 50%

BUILT BY C.M. ST.P&P.R.R.

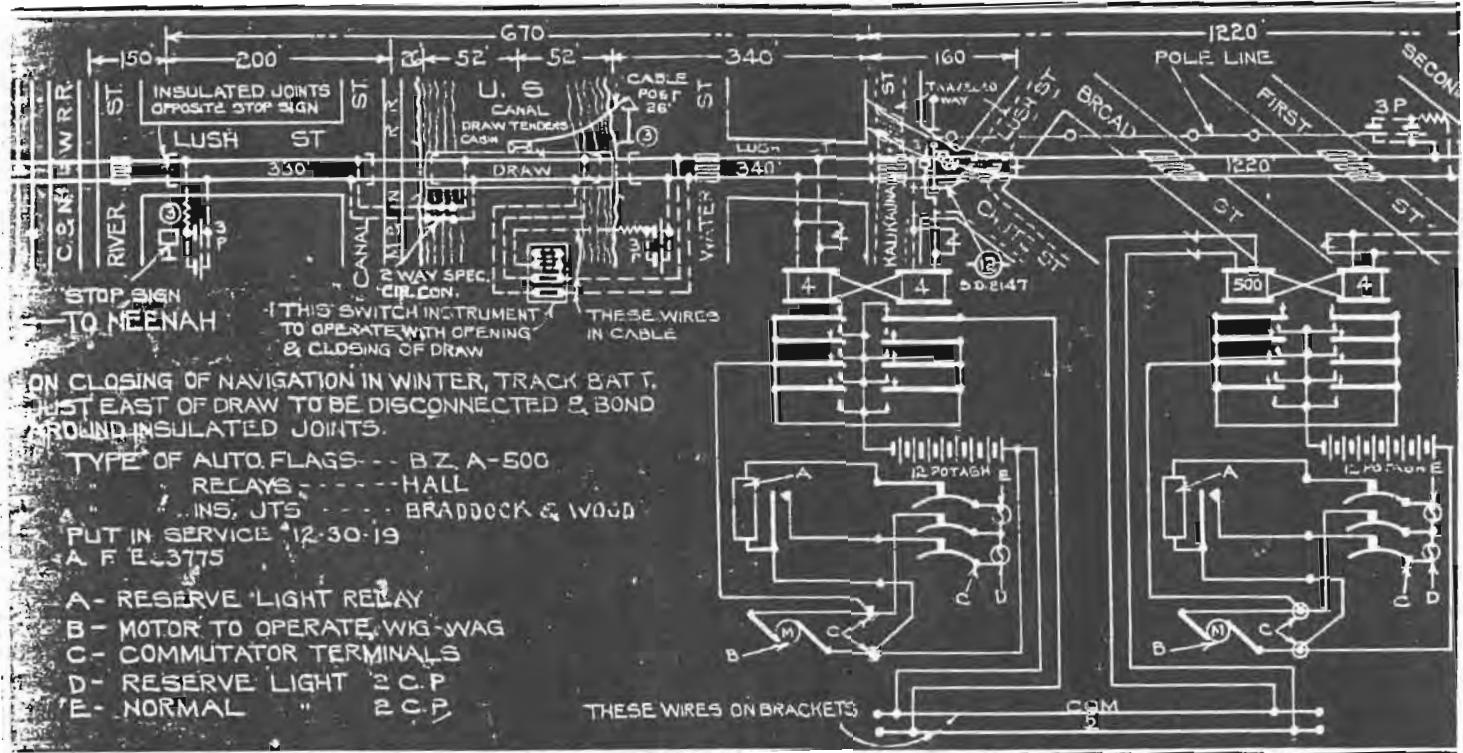
OWNERSHIP SAME AS MAINTENANCE

REPAIRING - C.M. ST.P&P.R.R.

REV. 1930



REV. 1917



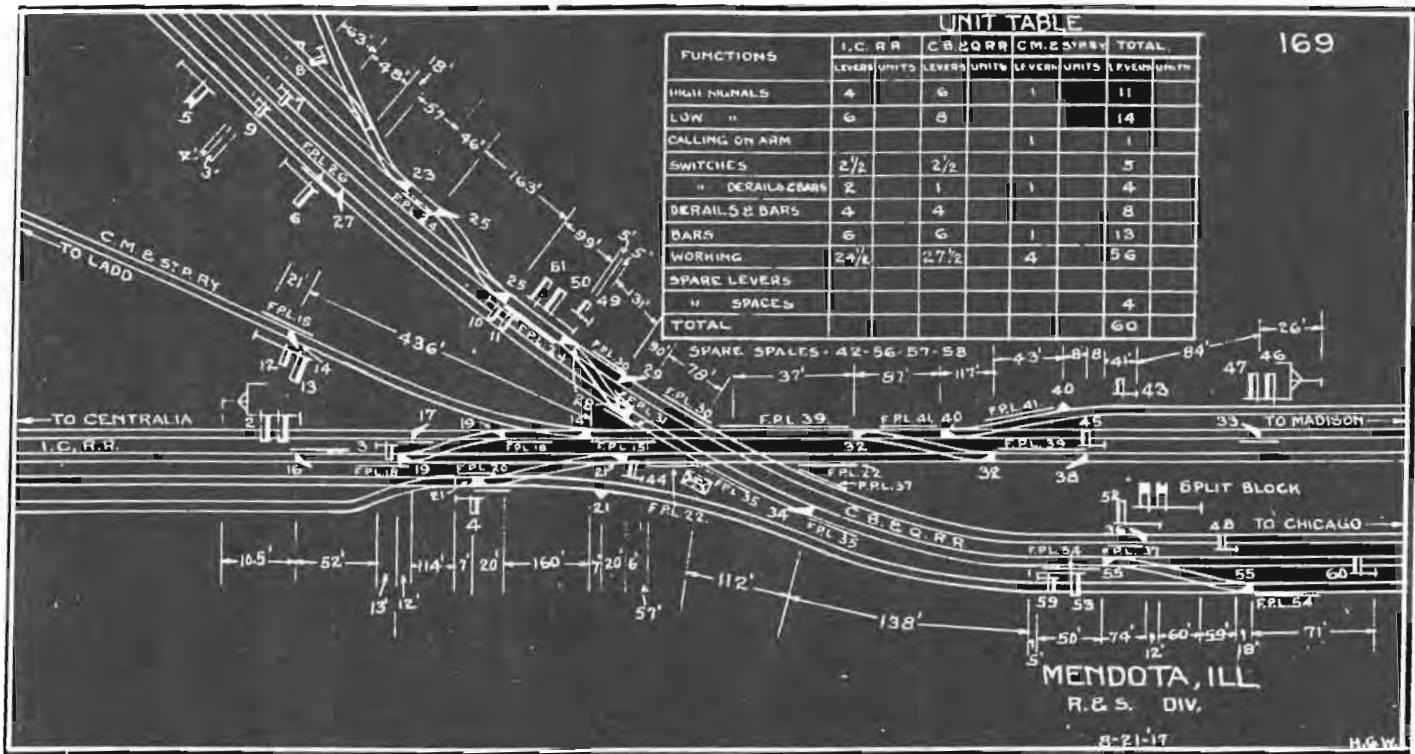
--CONTINUED



--CONTINUED

REV. 1919

105



169A

## MENDOTA INTERLOCKING

C.B.Q.R.R. - ILL. CENT. RY & C.M. & ST.P.R.Y.

DATE OF CONTRACT  
3-23-03

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
FOR CM&STP 3-8-04.

INSTALLATION TO EACH CO.

DATE OF STATE COM. PERMIT  
3-8-04

MAINTENANCE ILL. CENT.RY 33⅓%  
OPERATION AND C.B.&Q.R.Y 33⅓%  
SUPPLIES C.M. & ST.P.R.Y 33⅓%

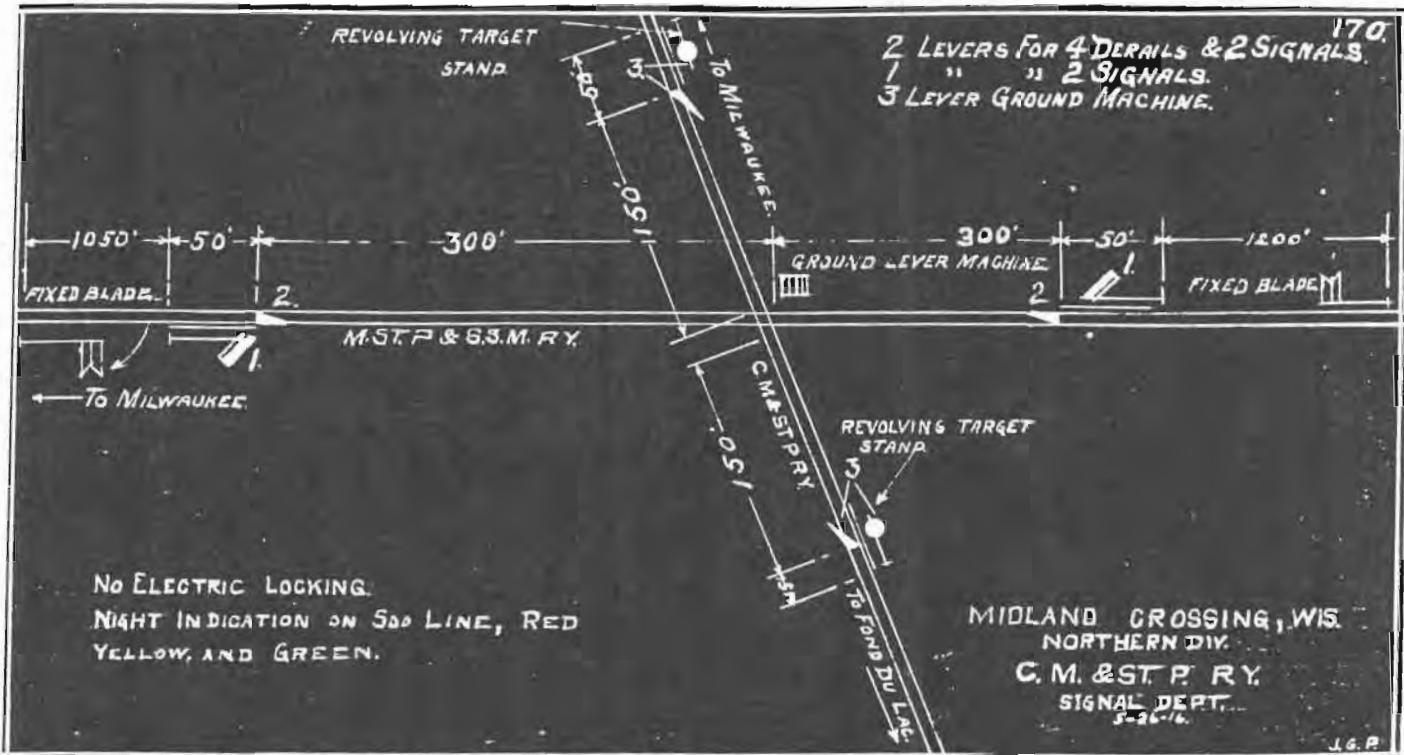
OWNERSHIP SAME AS MAINTENANCE

BUILT BY U.S.&S.CO.

REPAIRING ILL. CENT.RY

5-12-04

REV. 1911



REV. 1916

170-A

## MIDLAND CROSSING INTERLOCKING

CM &amp; STP RY CROSSING SOO LINE RY

DATE OF CONTRACT  
MAR-16-1896

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
MAR-7-1896

INSTALLATION OWNERSHIP — SAME AS MAINTENANCE

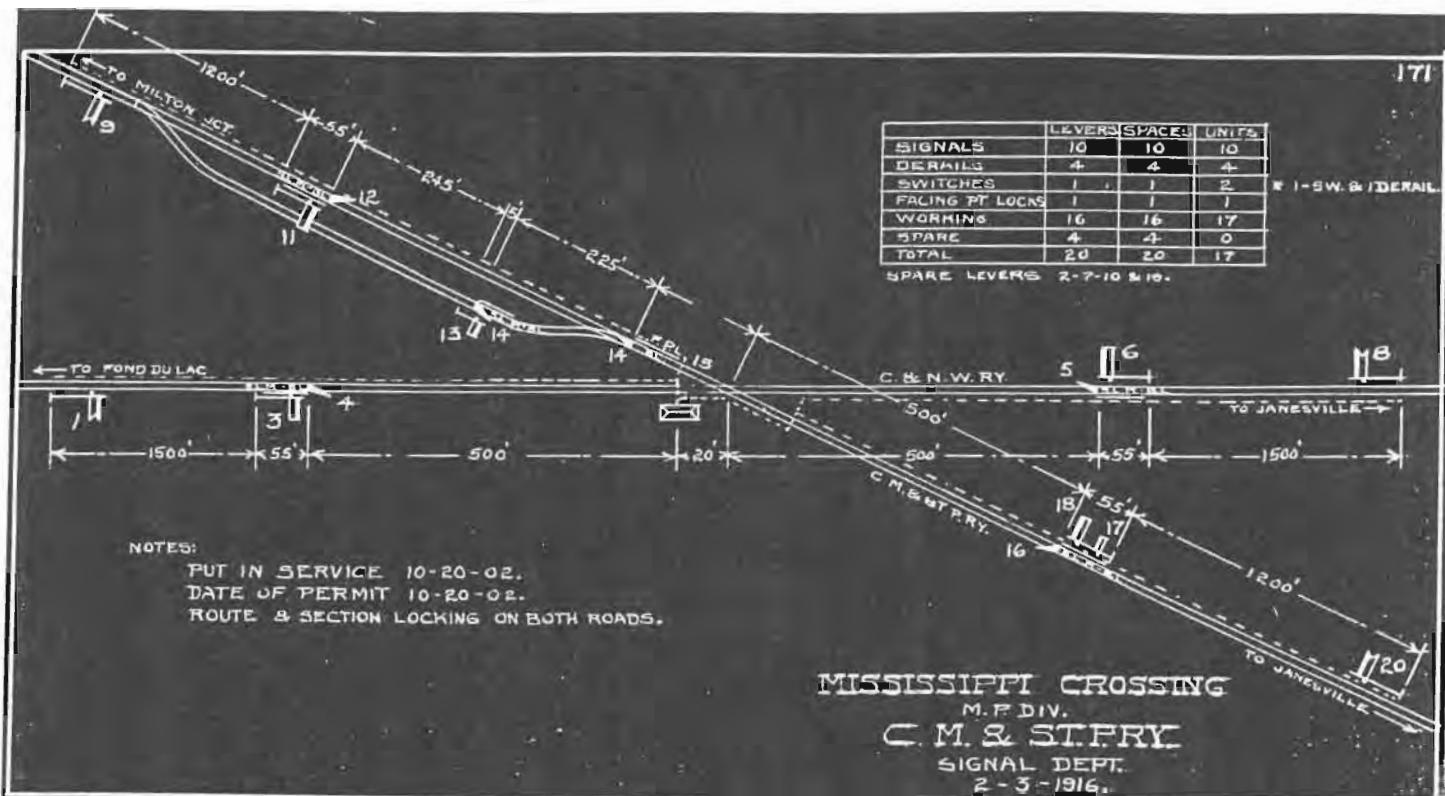
DATE OF STATE COM. PERMIT  
MAR-4-1896MAINTENANCE — { CM & STP RY 50%  
Soo LINE RY 50%  
Except Soo Home Sig  
Soo pays 100%PLANT BUILT BY  
C.M & ST P RYOPERATION — { CM & STP RY 50%  
Soo LINE RY 50%  
Each road takes care  
of own Signal Lights.

REPAIRING

— CM &amp; ST P RY

REV. 1907

B-11-12-00



REV. 1916

171A.

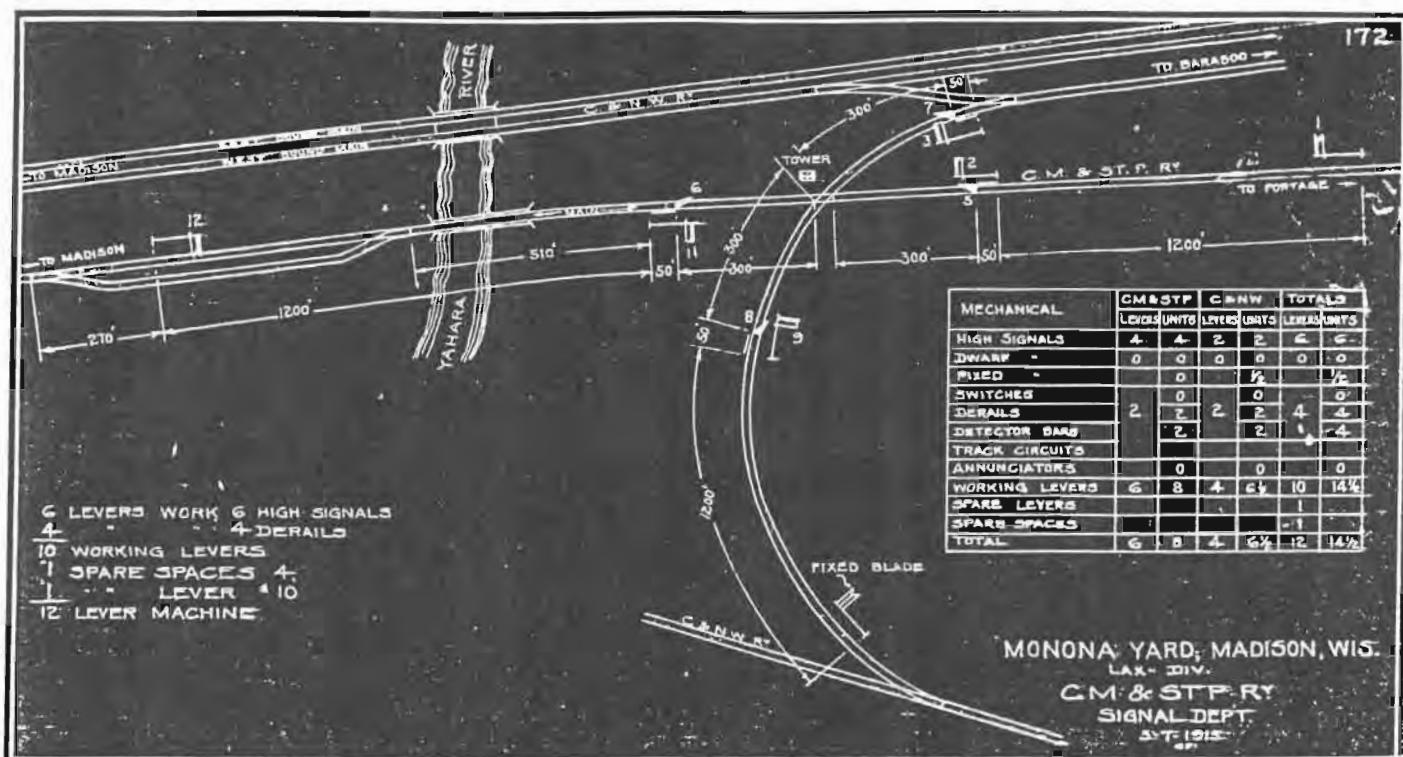
MISSISSIPPI XING. INTERLOCKING.C. M. & S. P. RY XING. C. & N. W. RY.DATE OF CONTRACT4-3-'02AGREEMENT BY CONTRACT.DATE PLANT PUT IN SERVICE10-20-'02.INSTALLATION. { C. M. & S. P. RY 50%  
C. & N. W. RY 50%DATE OF STATE COM. PERMIT10-20-'02.MAINTENANCE { C. M. & S. P. RY 50%  
OPERATION { C. & N. W. RY — 50%  
LAND  
SUPPLIES,BUILT BY U. S. & S. CO.

NOTE - C.M. &amp; S.P. PAY INCREASE IN WAGES ACCT. ONE OPERATOR PUT ON IN FEB-02 FOR THEIR USE EXCLUSIVELY.

REPAIRING. C. & N. W. RYOWNERSHIP SAME AS MAINTENANCE

12-19-02

REV. 1911



REV. 1915

172-A

## MONONA YARD INTERLOCKING

CM &amp; STP RY CROSSING C &amp; NW RY

## DATE OF CONTRACT

9-14-1895

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

3-1-1896

## INSTALLATION OWNERSHIP

CM & STP  
C & NW 100%

## DATE OF STATE COM. PERMIT

## MAINTENANCE

CM & STP  
C & NW 100%

## PLANT BUILT BY C &amp; N.W. Ry.

## OPERATION

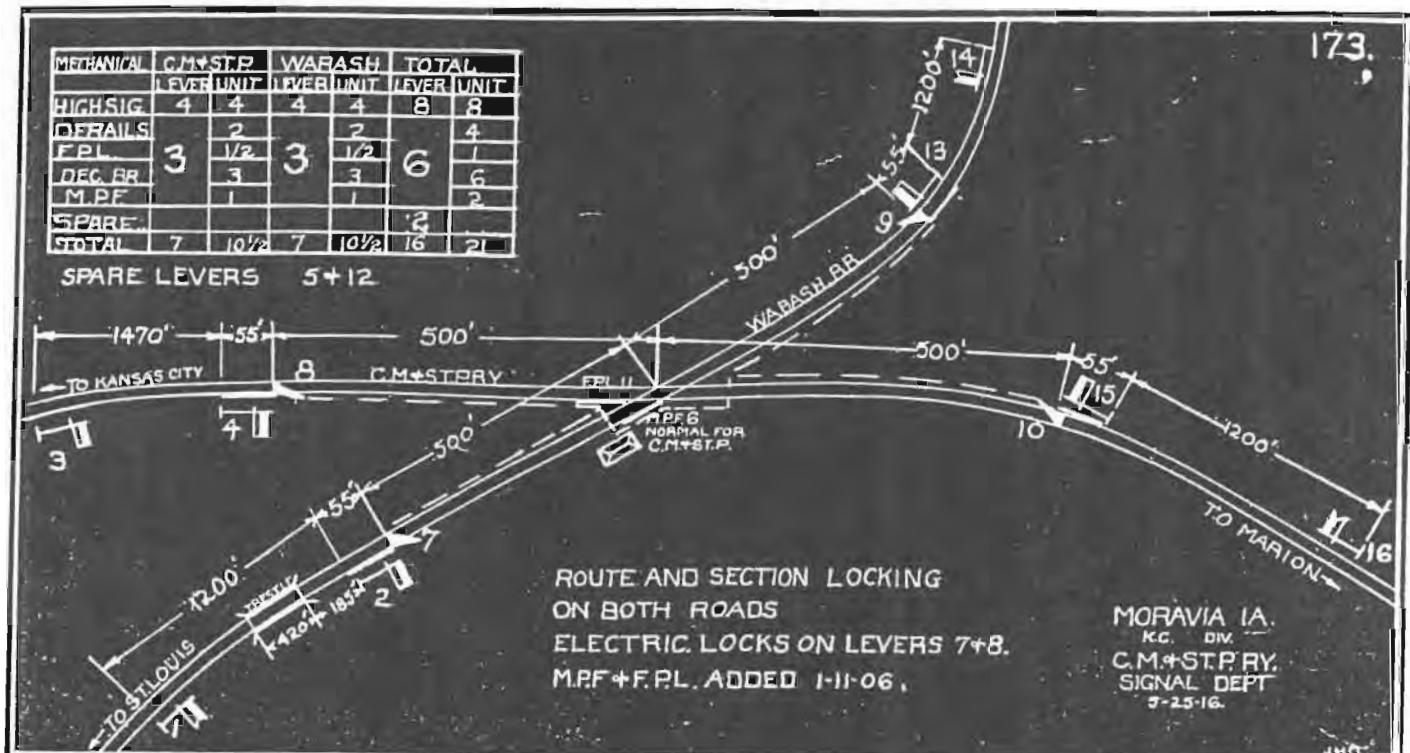
CM & STP  
C & NW 100%

## REPAIRING

C & N.W.

5-7-1915 cr

REV. 1915



REV. 1917

173-A

## MORAVIA INTERLOCKING

WABASH CROSSING G.M. & S.I.P.R.Y.

DATE OF CONTRACT

8-29-99.

DATE PLANT PUT IN SERVICE

3-22-02

DATE OF STATE CCM. PERMIT

3-20-02

BUILT BY U.S. & S. CO.

AGREEMENT BY CONTRACT

INSTALLATION } WABASH R.R. 66 2/3%  
} C.M.+ST.P.RY 33 1/3%

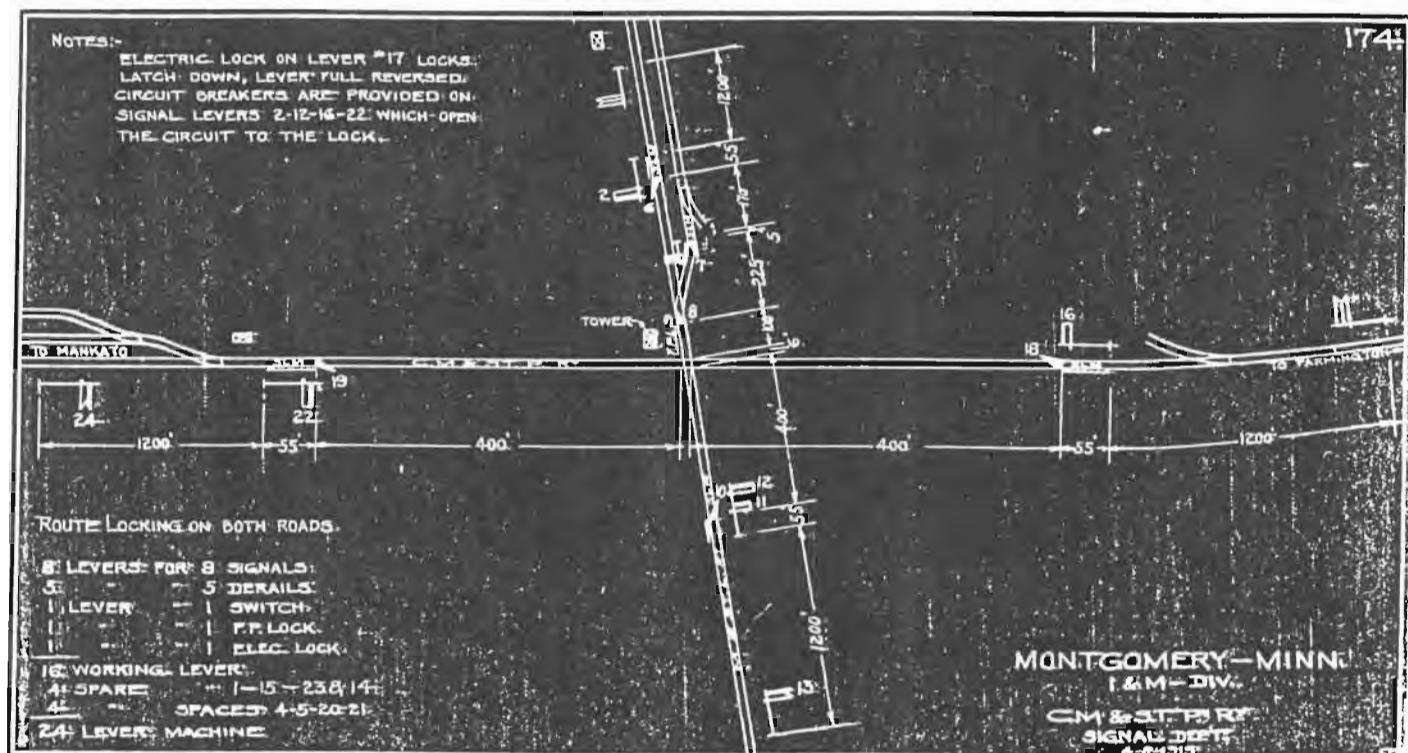
MAINTENANCE } WABASH RR. 66 2/3%  
OPERATION } C.M.+ST.P.RY. 33 1/3%  
AND  
SUPPLIES

OWNERSHIP SAME AS MAINTENANCE

REPAIRING WABASH R.R.

J.W.C.

REV. 1911



REV. 1916

174-A

## MONTGOMERY INTERLOCKING

CM &amp; STP RY CROSSING M &amp; ST. L. RY

## DATE OF CONTRACT

8-15-01

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

11-5-02

INSTALLATION - CM & STP 100%  
OWNERSHIP

## DATE OF STATE COM. PERMIT

11-5-02

MAINTENANCE - CM &amp; STP 100%

## PLANT BUILT BY

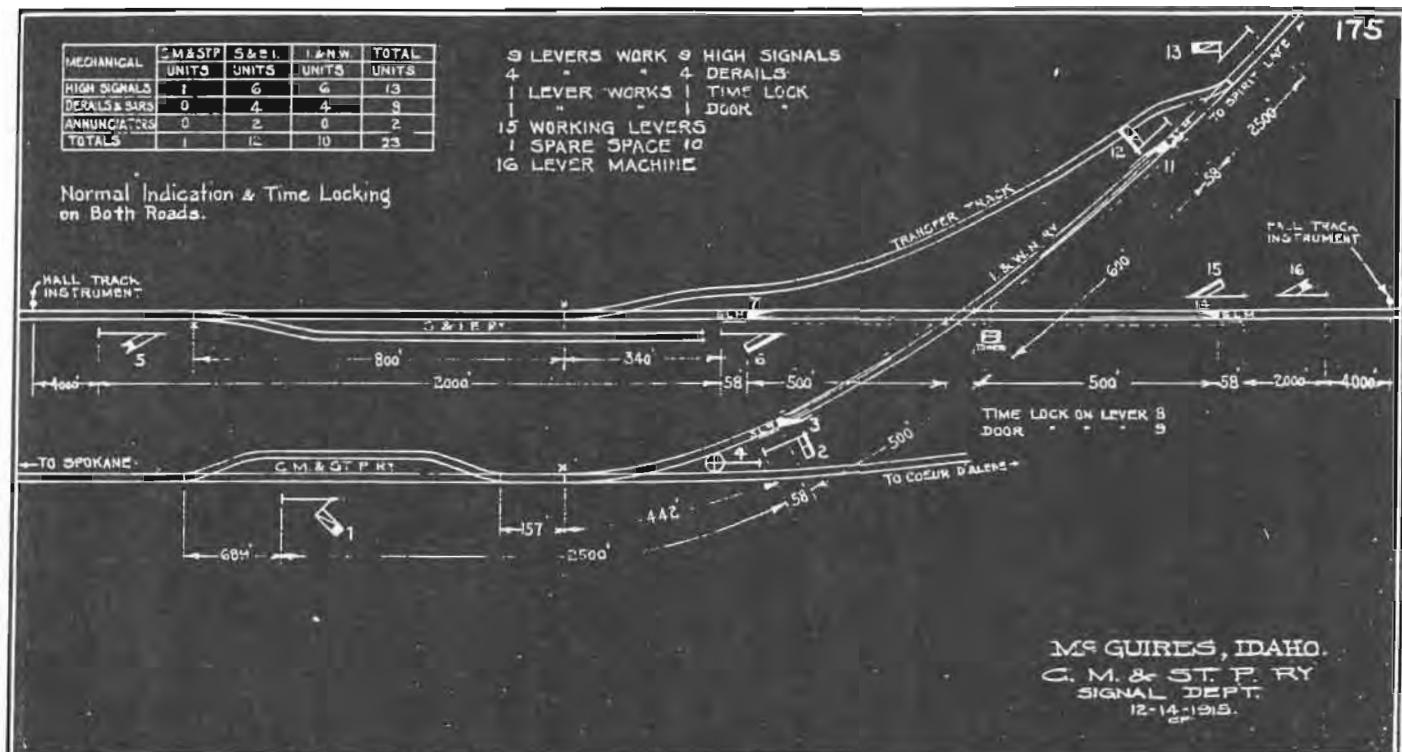
U. S. &amp; S. CO.

OPERATION - CM &amp; STP 100%

REPAIRING - CM &amp; STP

4-8-1915

REV. 1915



REV. 1916

**McGUIRES INTERLOCKING****C.M. & ST.P. S&IERY & I&W.N.R.Y.****DATE OF CONTRACT**

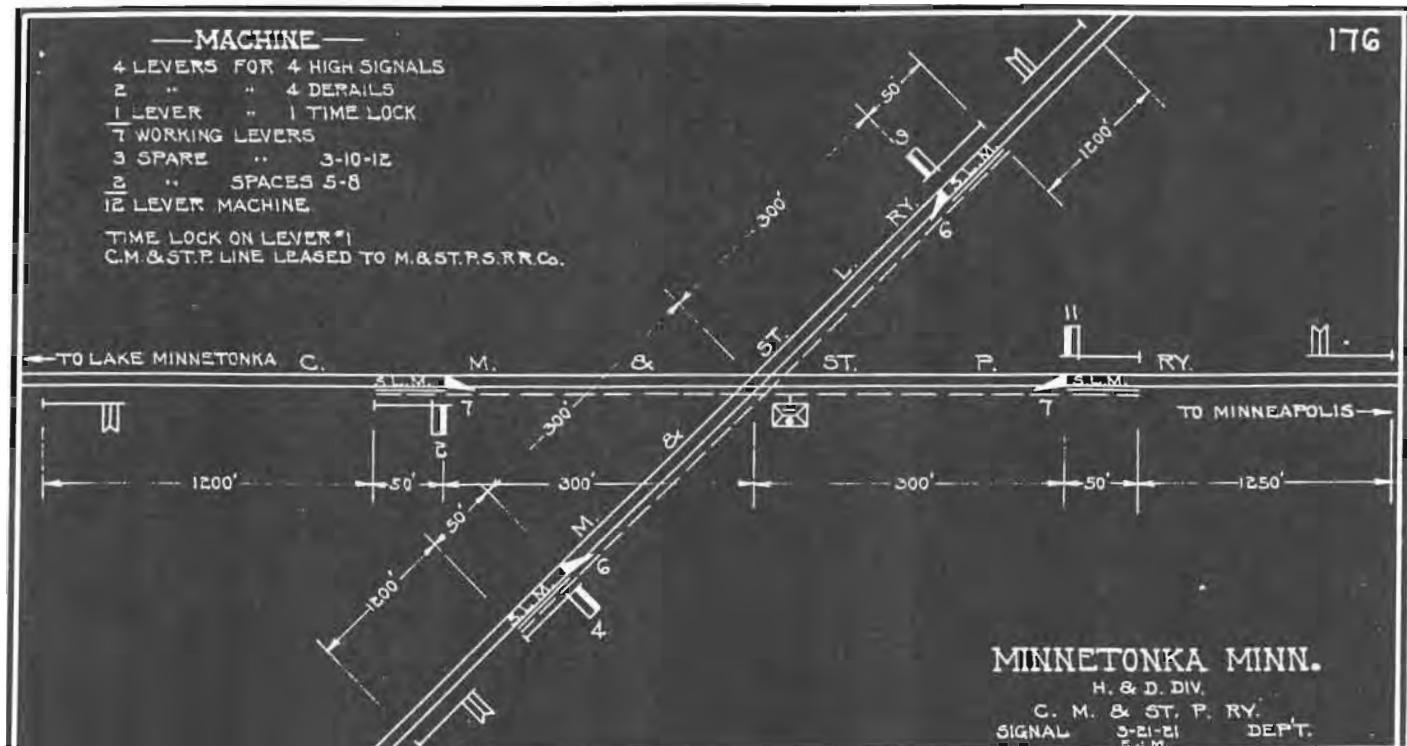
SEPT-16-1910

**AGREEMENT BY CONTRACT****DATE PLANT PUT IN SERVICE**

Feb. 8-1916

**INSTALLATION OWNERSHIP** - I & W.N.R.Y 100%**DATE OF STATE COM. PERMIT****MAINTENANCE** - I & W.N.R.Y 100%**PLANT BUILT BY**  
C.M & ST. P. RY**OPERATION** - I & W.N.R.Y 100%**REPAIRING** - I & W.N.R.Y

REV. 1915



REV. 1921

176-A

## MINNETONKA MINN.

C.M.&amp;ST.P.RY. CROSSING M. &amp; ST.L.RY.

C.M. &amp; ST.P. LEASED TO M. &amp; ST.P.S.RR.CO.

## DATE OF CONTRACT

AUG. 15, 1887  
OCT. 19, 1905

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

AUG. 13-1892

INSTALLATION { C.M. & ST.P. 100%  
M. & ST.L. 0%  
M. & ST.P.S. 0%

## DATE OF STATE COM. PERMIT

OWNERSHIP { C.M. & ST.P. 100%  
M. & ST.L. 0%  
M. & ST.P.S. 0%

## PLANT BUILT BY

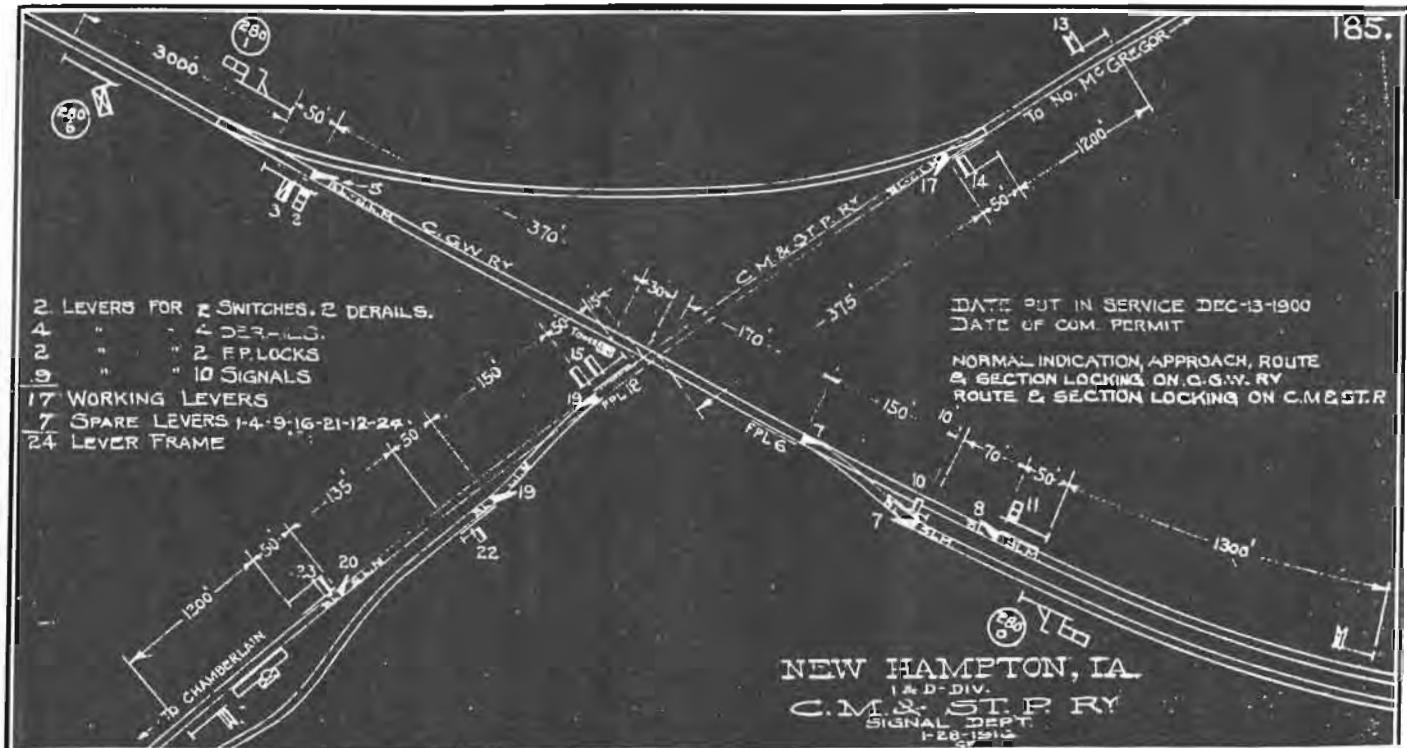
C.M. &amp; ST.P.

MAINTENANCE { C.M. & ST.P. 0%  
M. & ST.L. 0%  
M. & ST.P.S. 100%OPERATION { C.M. & ST.P. 0%  
M. & ST.L. 0%  
M. & ST.P.S. 100%

## REPAIRING

{ M. &amp; ST.P.S.

REV. 1921



REV. 1917

185A

## NEW HAMPTON INTERLOCKING.

C. & G. W. RY. CROSSING C. M. & ST. P. RY.

DATE OF CONTRACT.

MAR-12-00

DATE PLANT PUT IN SERVICE.

DEC. 13-1900

DATE OF STATE COM. PERMIT.

JAN. 8, 1901

BUILT BY C. G. W. RY.

AGREEMENT BY CONTRACT

<u>OWNERSHIP</u>	<u>C. M. &amp; ST. P. RY. — 50%</u>
<u>MAINTENANCE</u>	<u>C. G. W. RY — 50%</u>

<u>OPERATION</u>	<u>C. M. &amp; ST. P. RY. TO PAY 50%</u>
	<u>AFTER DEDUCTING</u>
	<u>.80. FROM TOTAL AMOUNT.</u>

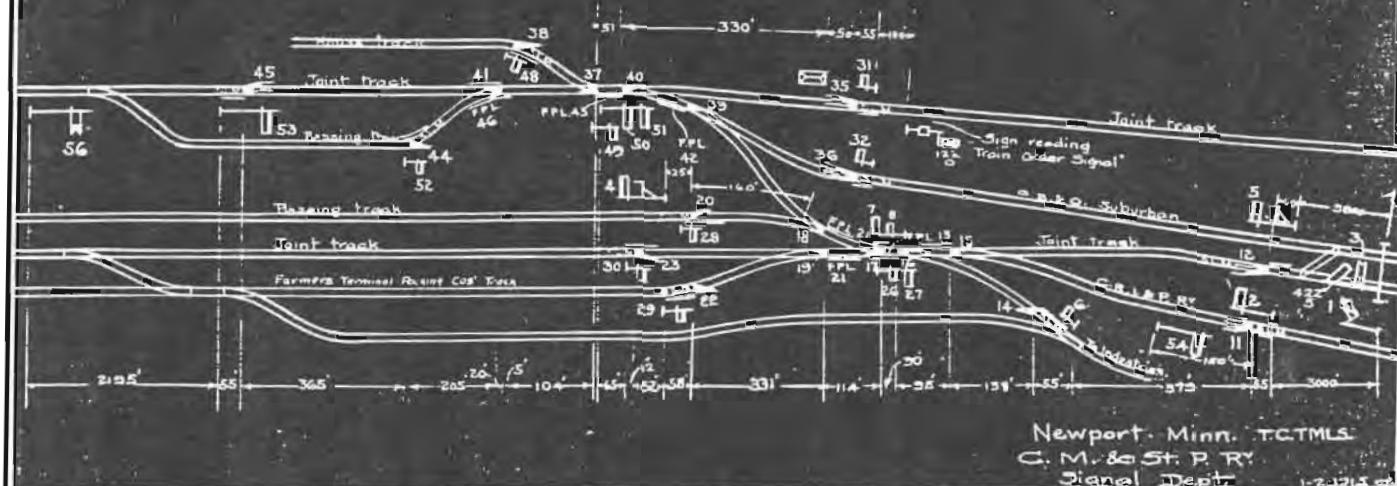
REPAIRING C. G. W. RY.

INSPECTION A JOINT CHARGE.

REV. 1911

23 Levers For 23 Signals  
 11 " " Derails  
 9 " " 9 Switches  
 5 " " 9 F.P. Locks  
 48 Working levers  
 8 Spare Spaces 3-10-24-25-33-34-47-55  
 56 Lever frame

ROUTE LOCKING ON ALL ROADS.



REV. 1917

## NEWPORT INTERLOCKING

C. M. & ST. P. CROSSING C. B. & Q. AND C. R. I. & P.

### DATE OF CONTRACT

### AGREEMENT BY CONTRACT

### DATE PLANT PUT IN SERVICE

1ST - 7-20-1890  
2ND - 2-14-1904

### INSTALLATION OWNERSHIP

$\begin{cases} \text{CM\&STP} & 25 \% \\ \text{CB\&Q} & 25 \% \\ \text{CRI\&P} & 50 \% \end{cases}$

### DATE OF STATE COM. PERMIT

2-10-1904

### MAINTENANCE

$\begin{cases} \text{CM\&STP} & 75 \% \\ \text{CB\&Q} & -25 \% \\ \text{CRI\&P} & -WHEELAGE \end{cases}$

### PLANT BUILT BY

ENLARGED BY C.M. & ST. P. RY

### OPERATION

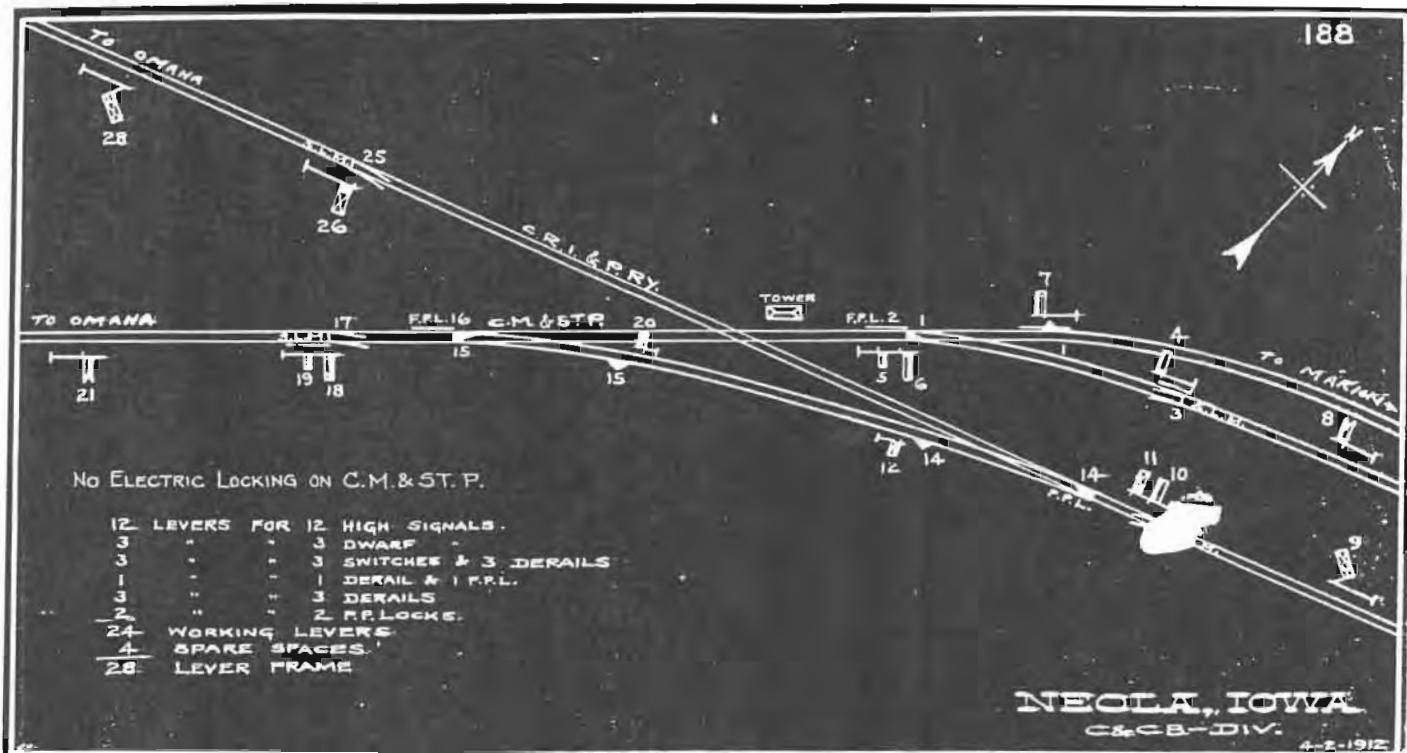
$\begin{cases} \text{CM\&STP} & \frac{1}{2} 50\% - 2 DISPATCHERS \\ & (25\% - \text{OF REST}) \\ \text{CB\&Q} & - REMAINDER \\ \text{CRI\&P} & - WHEELAGE \end{cases}$

### REPAIRING

$\begin{cases} \text{CM\&STP} \end{cases}$

1-2-121-1

REV. 1915



REV. 1912

186

NEOLA INTERLOCKING.C. R. I. & P. RY. CROSSING C. M & S<sup>T</sup>P. RY.DATE OF CONTRACT.JULY 25, 1897.AGREEMENT BY CONTRACT.DATE PLANT PUT IN SERVICE.Nov. 8, 1897. 8-16-11MAINTENANCE.

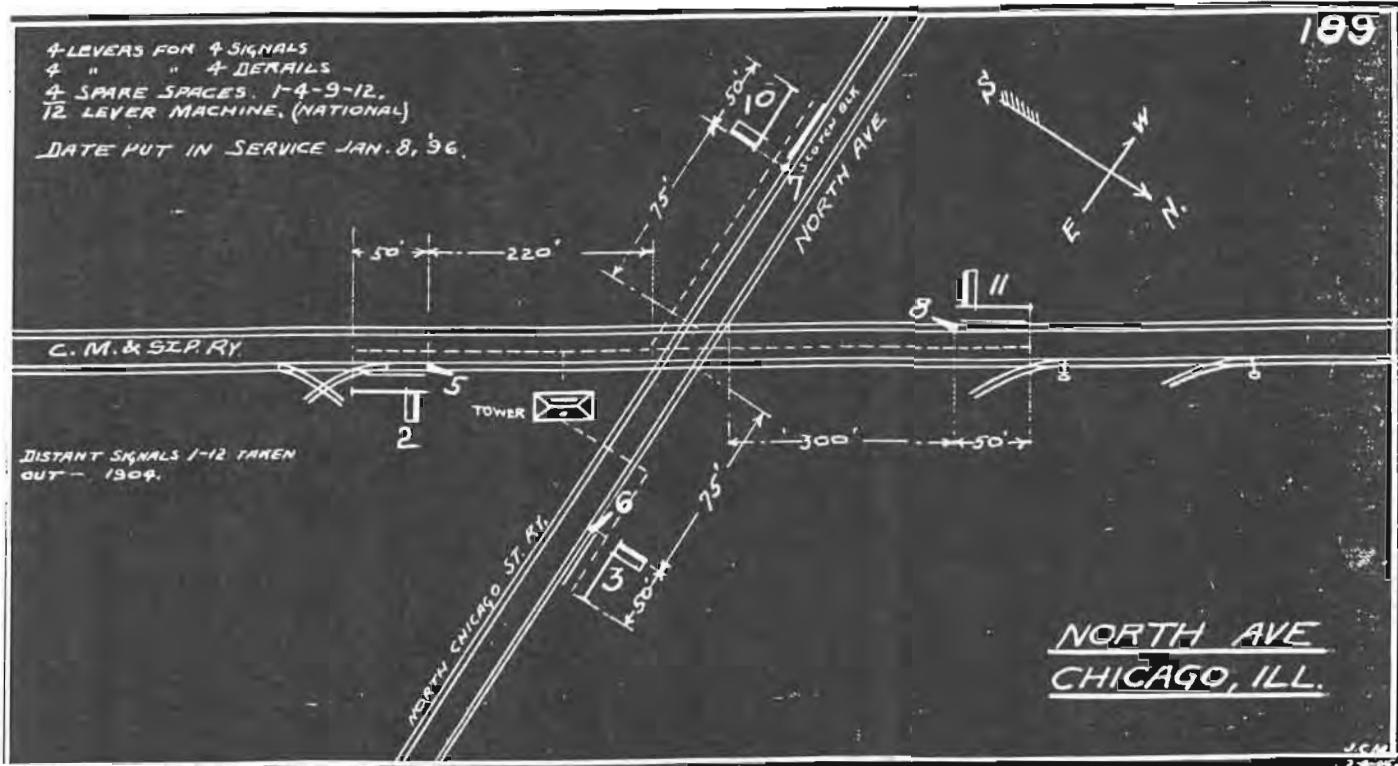
<u>C. R. I. &amp; P. RY. 56.5%</u>	<u>of</u>
<u>C. M &amp; S<sup>T</sup>P. RY. 43.45%</u>	<u>to</u>

DATE OF STATE COM. PERMIT.Nov 5, 1897.REISSUED 8-10-1915.OPERATION.

<u>C. R. I. &amp; P. RY 50 %</u>	<u>of</u>
<u>C. M. &amp; S<sup>T</sup>P. RY 50 %</u>	<u>to</u>

BUILT BY C.R. I. & P. UNION MACH.REBUILT AUG-1911OWNERSHIPSAME AS MAINTENANCEREPAIRING.C. R. I. & P. RY.

REV. 1927



REV. 1911

189-R

NORTH AVE. INTERLOCKINGN. C. ST. R.R. CROSSING C.M. & STP. R.Y.DATE BY CONTRACT

MAY 23-1895

AGREEMENT BY CONTRACT

<u>OWNERSHIP</u>	N.C. ST. R.Y. - 100%
<u>INSTALLATION</u>	

DATE PLANT PUT IN SERVICE

JAN. 8-1896

<u>MAINTENANCE</u>	NORTH CHICAGO ST. R.Y. 100%
--------------------	--------------------------------

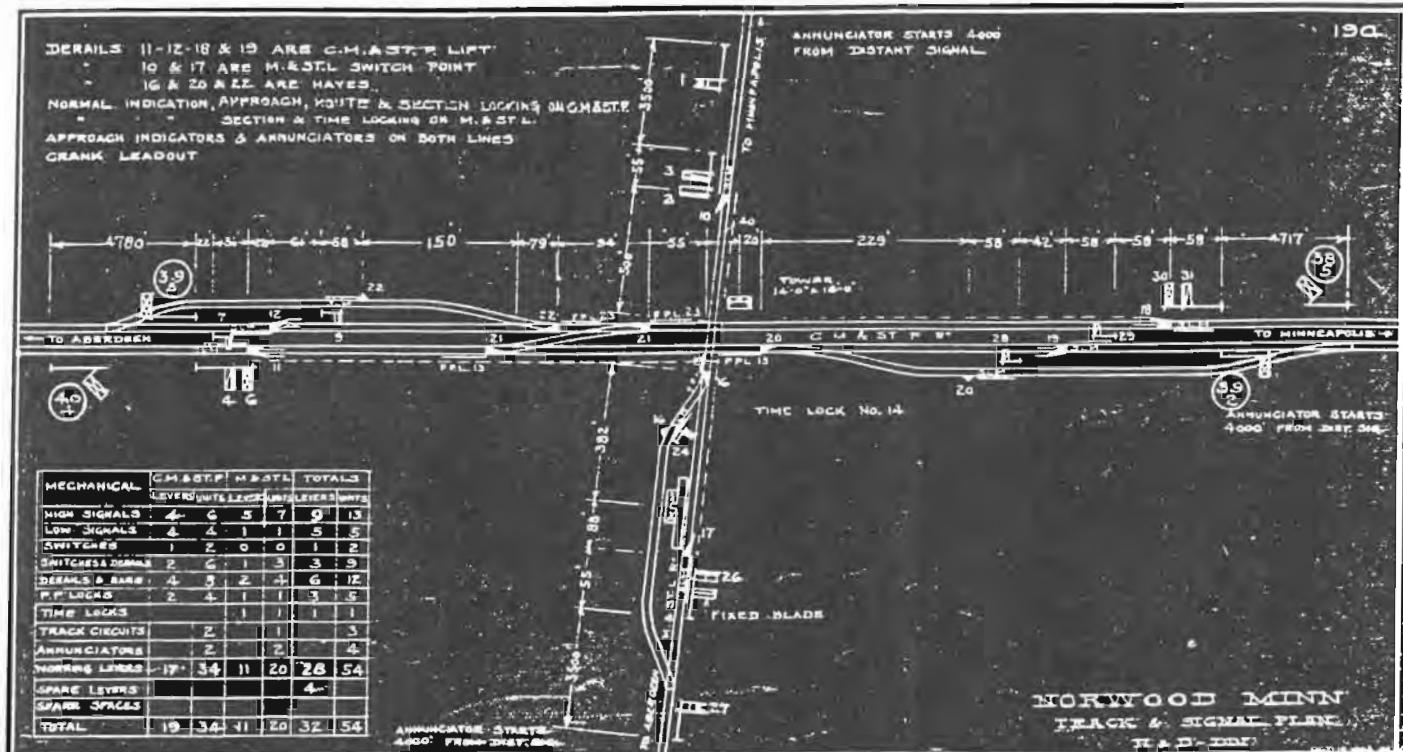
DATE OF STATE COM. PERMIT

<u>OPERATION</u>	C.M. & STP. R.Y. TO PAY SALARIES OF ALL OPERATORS, AND AD EXPENSES. OF OPERAT
------------------	--

BUILT BY N.C. & S. CO.

<u>REPAIRING</u>	C.M. & STP. R.Y.
------------------	------------------

REV. 1911



REV. 1917

190-A

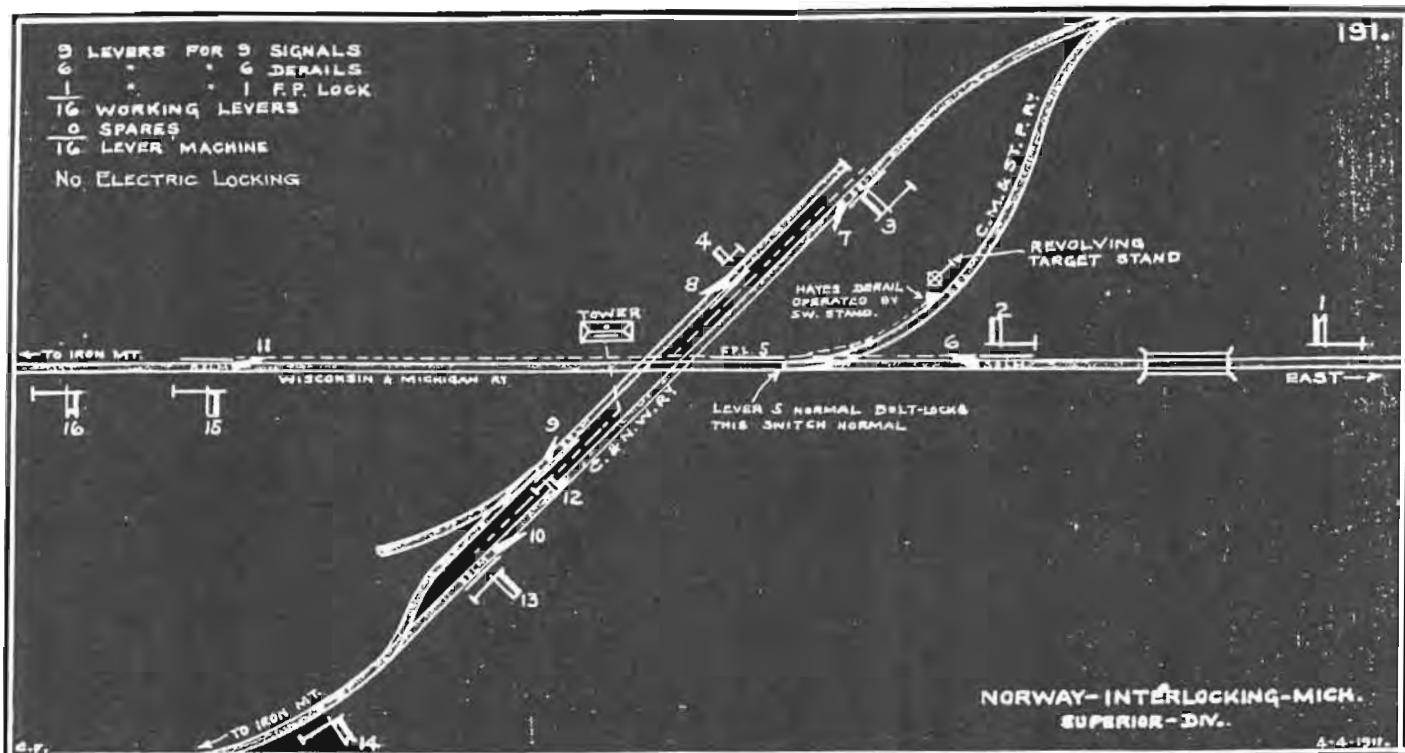
**NORWOOD-MINN. INTERLOCKING.**  
**M & ST.L. RY CROSSING C.M. & ST.P. RY**

<b>DATE OF CONTRACT</b> AUG. 22, 1927.	<b>AGREEMENT BY CONTRACT</b>
<b>DATE PLANT PUT IN SERVICE</b>	<b>INSTALLATION</b> { C.M. & ST.P. 50% M. & ST.L. 50%
<b>DATE PLANT REBUILT</b>	<b>MAINTENANCE</b> { C.M. & ST.P. 50% M. & ST.L. 50%
<b>DATE OF STATE COM. PERMIT</b>	<b>OPERATION</b> { C.M. & ST.P. 50% M. & ST.L. 50%
<b>BUILT BY - C.M. &amp; ST.P. RY</b>	<b>OWNERSHIP</b> Same as Maintenance
	<b>REPAIRING</b> C.M. & ST.P.

REV. 1920

191.

9 LEVERS FOR 9 SIGNALS  
 6 " " 6 DERAILS  
 1 " " 1 F.P. LOCK  
 16 WORKING LEVERS  
 0 SPARES  
 16 LEVER MACHINE  
 NO ELECTRIC LOCKING



REV. 1911

191A

## NORWAY, MICHIGAN

WISCONSIN &amp; MICHIGAN RY - C. &amp; N. W. RY

DATE OF CONTRACT

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE

INSTALLATION } OWNERSHIP } C&amp;N.W. 100%

DATE OF STATE COM. PERMIT

MAINTENANCE - C. &amp; N.W. 100%

BUILT BY

OPERATION - C&amp;N.W. 100%

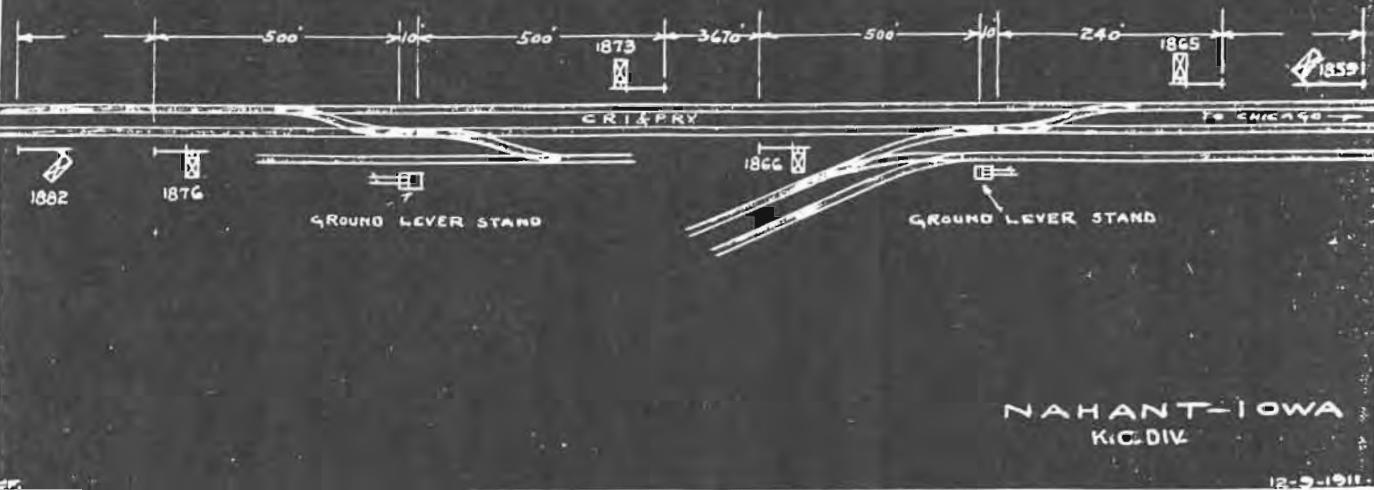
REPAIRING - C&amp;N.W.

REV. 1911

119

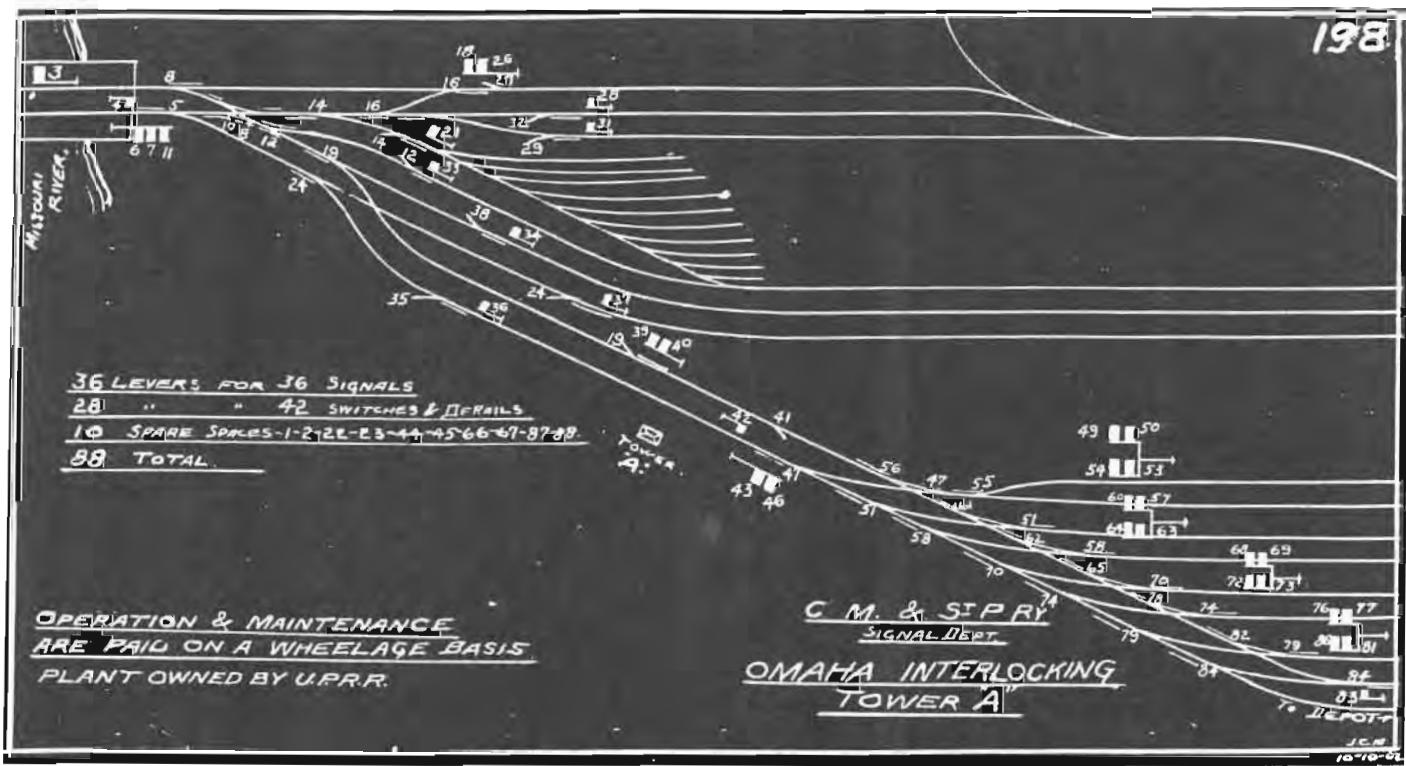
192

EXPENSES DIVIDED ON  
A WHEELAGE BASIS



REV. 1911

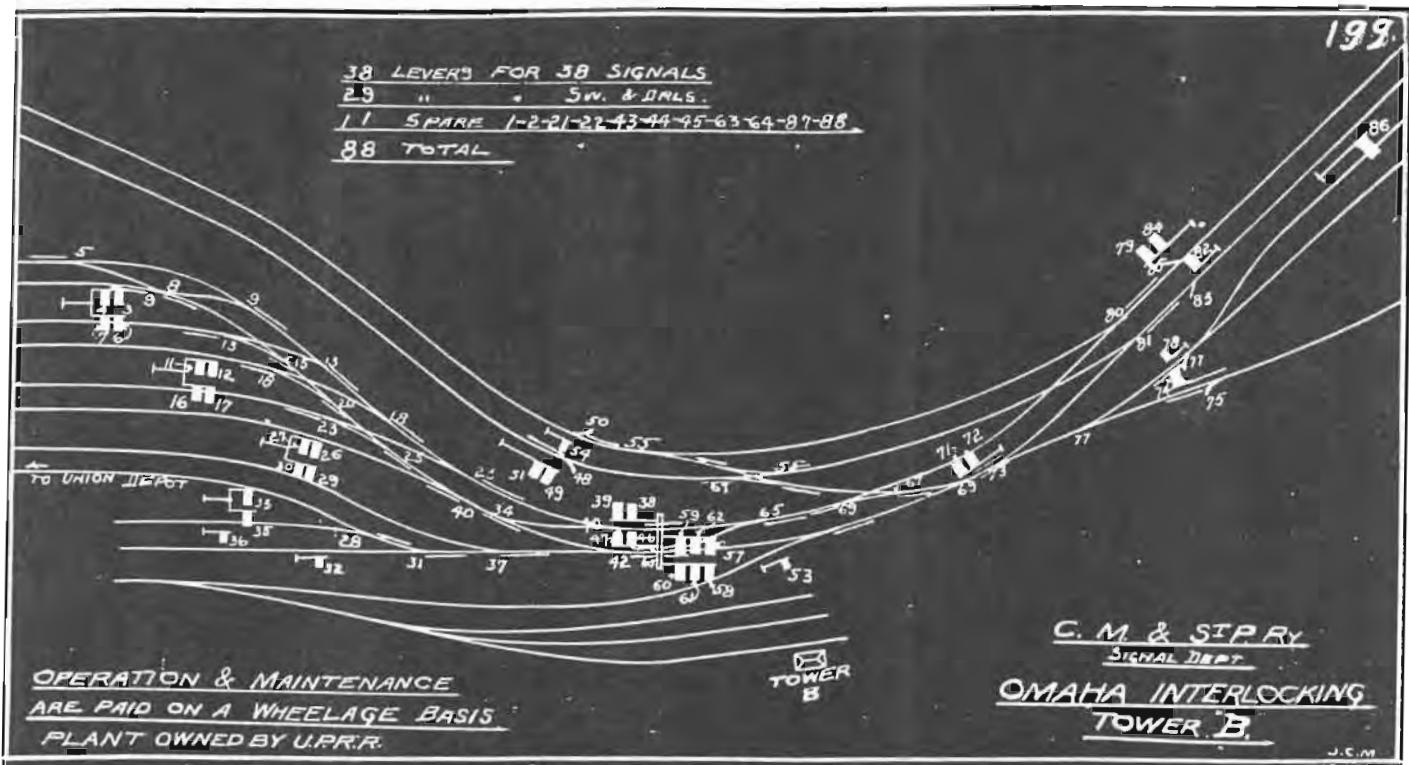
198



REV. 1911

120

199



REV. 1911

200

1 LEVER FOR BRIDGE MOTOR CONTROLLER LOCK  
 10 LEVERS FOR 13 HIGH SIGNALS  
 1 " " 1 LOW "  
 7 " " 7 DERAILS  
5 " " 3 SWITCHES & 2 DERAILS  
 2 " " 1 BRIDGE LOCK  
 26 WORKING LEVERS  
 6 SPARE SPACES 1-6-7-9-25-27-28  
 32 LEVER FRAME

4 SPACE CONTROLS ONE OF 3 DERAILS  
 31 " " 30 "  
 13 " " 21 "  
 22 " " DERAIL WITH 14 SWITCH

JOINT W.C. ← C.M.S.P.R.Y.

FOX RIVER DRIVE

BRIDGE MOTOR CONTROLLER LOCK #23

NIGHT INDICATION RED-YELLOW-GREEN  
 ROUTE AND DETECTOR LOCKING

BUT IN SERVICE 1-8-91  
 TAYLOR ELEC PLANT PUT IN  
 AND PLACED IN SERVICE 8-29-04  
 STATE COM. PERMIT GIVEN 5-24-04

OSKOSH INTERLOCKING  
 FOX RIVER BRIDGE-OSKOSH.  
 C.M. & S.P.R.Y. & WIS. CENT. R.R. C&N.W.  
 H.A. 2-3-04.

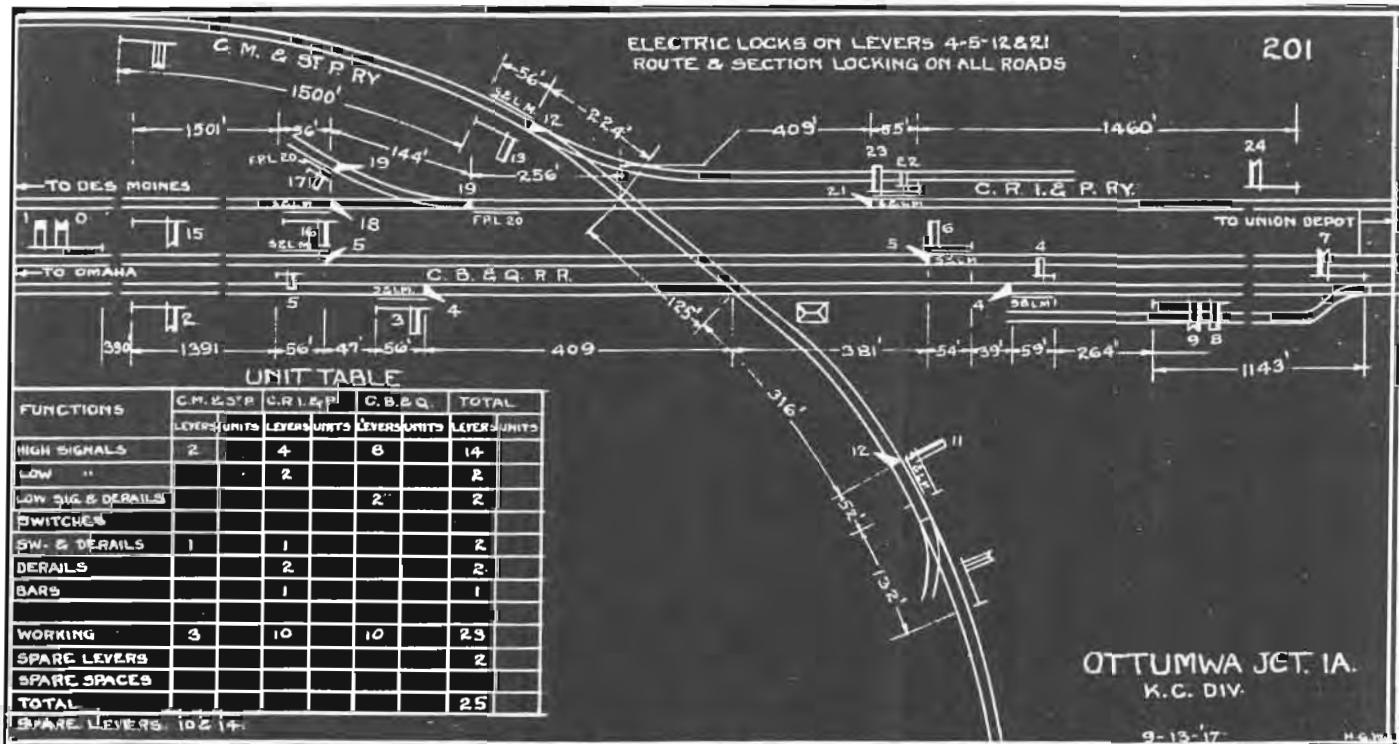
REV. 1917

O.K.  
2-3-05

Approved

OSHKOSH INTERLOCKING.GROSSING OFC. M. & S.P. RY., W.C.RY. AND C. & N.W. RY.Date of ContractAgreement by ContractDate Plant put in service  
JAN-8-91.Maintenance 500 LINE Ry. 50%  
Ownership C.M. & S.P. Ry 50%Date of State Commissioners PermitOperation Wisconsin Central Ry 50%  
C.M. & S.P. Ry. 50%Built by U.S. & S. Co.Repairing: By Agreement with  
Wisconsin Central Ry - Letter Aug 25 91.Cost Complete - \$3940.Repaired by C. & N.W. Ry.

REV. 1905



REV. 1917

A MONTHLY CHARGE OF \$5.50 FOR ELECTRIC LIGHTING OF TOWER TO BE BILLED ACCORDING TO OPERATING PROPORTIONS.

201-A

## OTTUMWA JCT. INTERLOCKING.

C.M. & ST.P.R.Y. CROSSING C.B. & Q AND C.R.I. & P. RYS.

DATE BY CONTRACT

DEC. 31 - 1898

SUPPLEMENTARY AGREEMENT DATED

DATE PLANT PUT IN SERVICE

FEB - 5 - 1899

INSTALLATION

C.R.I. & P.R.Y.	1256.6
C.M. & ST.P.R.Y.	1/2 OF BAL.
C.B. & Q.R.R.	1/2 OF BAL.
C.R.I. & P.	23.19 %
C.M. & ST.P.	38.405 %
C.B. & Q.	38.405 %
C.R.I. & P.	12.87
C.M. & ST.P.	1/2 OF BAL.
C.B. & Q.	1/2 OF BAL.

DATE OF STATE COM. PERMIT

FEB - 5 - 1899

MAINTENANCE

BUILT BY U.S. & S. CO.

OPERATION

NOTE: OWNERSHIP MATERIAL USED WHEN RAILS ARE CHANGED TO BE CHARGED AGAINST ROAD MAKING CHARGE. SEE COPY BILL SEPT. 30.

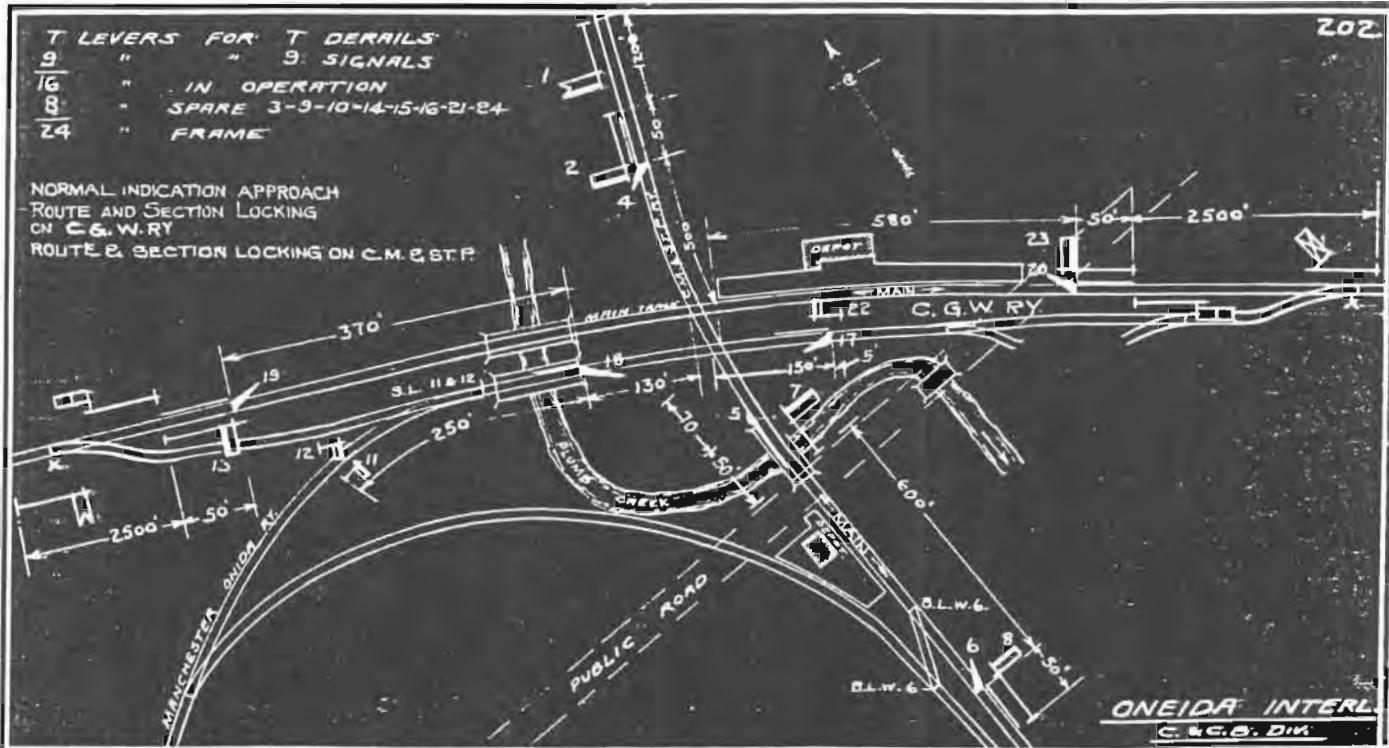
REPAIRING - C.B. & Q.R.Y.

REV. 1911

T LEVERS FOR T DERAILS  
 9 " " 9 SIGNALS  
 16 " IN OPERATION  
 8 " SPARE 3-9-10-14-15-16-21-24  
 24 " FRAME

202

NORMAL INDICATION APPROACH  
 ROUTE AND SECTION LOCKING  
 ON C.G.W.R.Y.  
 ROUTE & SECTION LOCKING ON C.M. & ST.P.



REV. 1917

ONEIDA INTERLOCKING.C.M. & STP CROSSING C.G.W.RYDATE BY CONTRACT.

JUNE 29 - 1906

AGREEMENT BY CONTRACT

<u>OWNERSHIP</u>	<u>C.M. &amp; STP</u> $\frac{1}{3}$
<u>INSTALLATION</u>	<u>C.G.W.RY</u> $\frac{2}{3}$
<u>MAINTENANCE</u>	<u>C.M. &amp; STP</u> $\frac{1}{3}$
<u>C.G.W.RY</u> $\frac{2}{3}$	
<u>OPERATION</u>	<u>C.M. &amp; STP</u> $\frac{1}{3}$
<u>SUPPLIES</u>	<u>C.G.W.RY</u> $\frac{2}{3}$

DATE PLANT PUT IN SERVICE

AUG. 5 - 1907.

DATE OF STATE COM. PERMIT

AUG. 5 - 1907

BUILT BY C.G.W.RYREPAIRING C.G.W.RY

C.G.W. PAY ALL OF SALARY OF  
TWO LEVERMEN. C.M. & STP PAY  
 $\frac{1}{3}$  OF SALARY OF THIRD MAN, WHEN REQUIRED

REV. 1911

203.

NORMAL INDICATION, APPROACH, ROUTE & DETECTOR LOCKING.  
DEFLECTING BAR LEADOUT.

MACHINE

- 1) LEVERS FOR 10 SIGNALS
- 4 " " 5 SWITCHES.
- 2 " " 2 SWITCHES, 2 DERAILS, 1 LOCK
- 2 " " 2 DERAILS.
- 3 " " 3 DERAILS, 3 BLOCKS.
- 6 " " 10 LOCKS.

28 WORKING LEVERS

0 SPARE LEVERS.

4 SPARE SPACES 1-20-22-32

32 LEVER MACHINE.

OAKLAND MINN.  
T.C.T. DIV.

REV. 1931

124

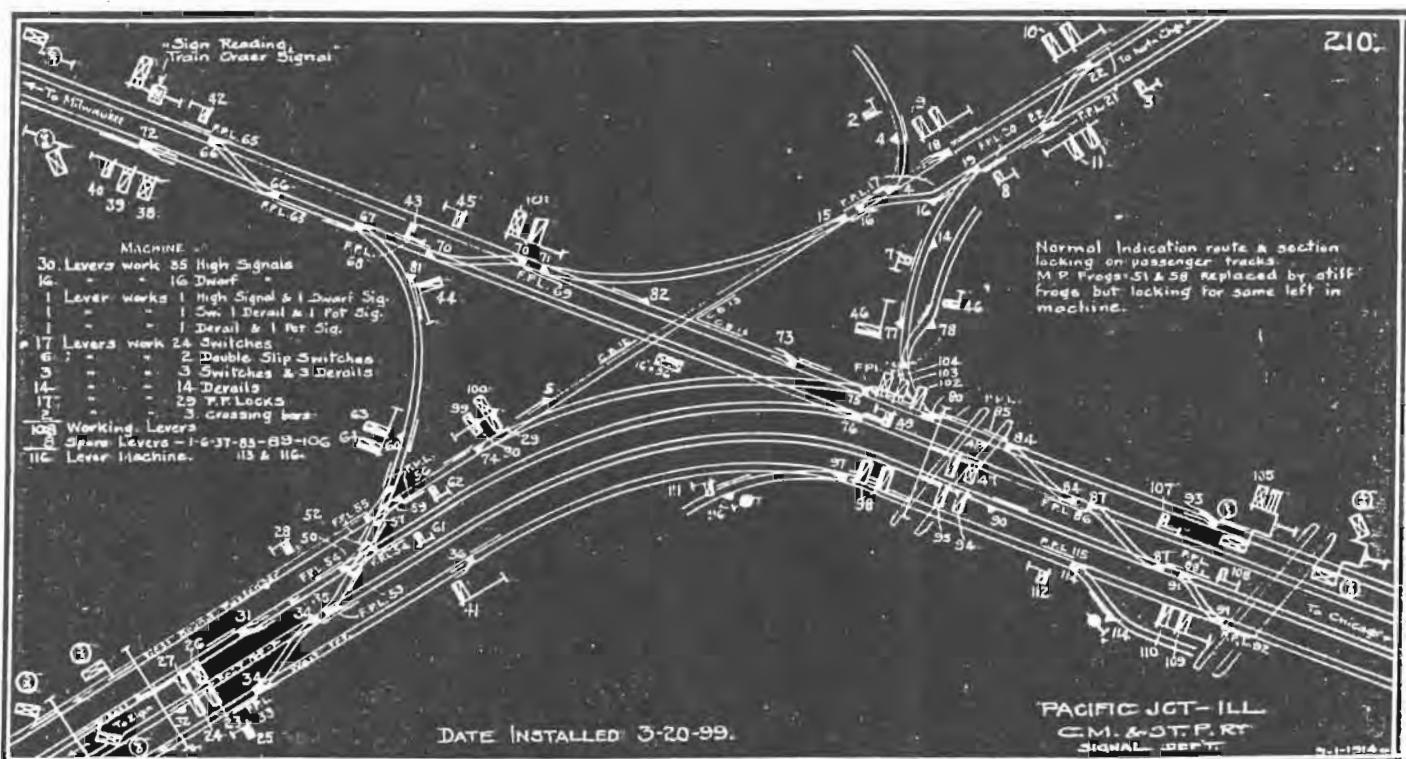
203-A:

OAKLAND, MINNESOTAC.M. ST. P&P RR - C.B. & Q. RR.DATE OF CONTRACT  
2-11-1929.AGREEMENT BY CONTRACTOWNERSHIP { C.M. ST. P&P RR 56.4%  
C.B. & Q. RR 43.6%DATE PLANT PUT IN SERVICE  
3-21-1926.MAINTENANCE { C.M. ST. P&P RR 56.4%  
C.B. & Q. RR 43.6%DATE OF STATE COM. PERMIT  
3-25-1926.OPERATION { C.M. ST. P&P RR 56.4%  
C.B. & Q. RR 43.6%

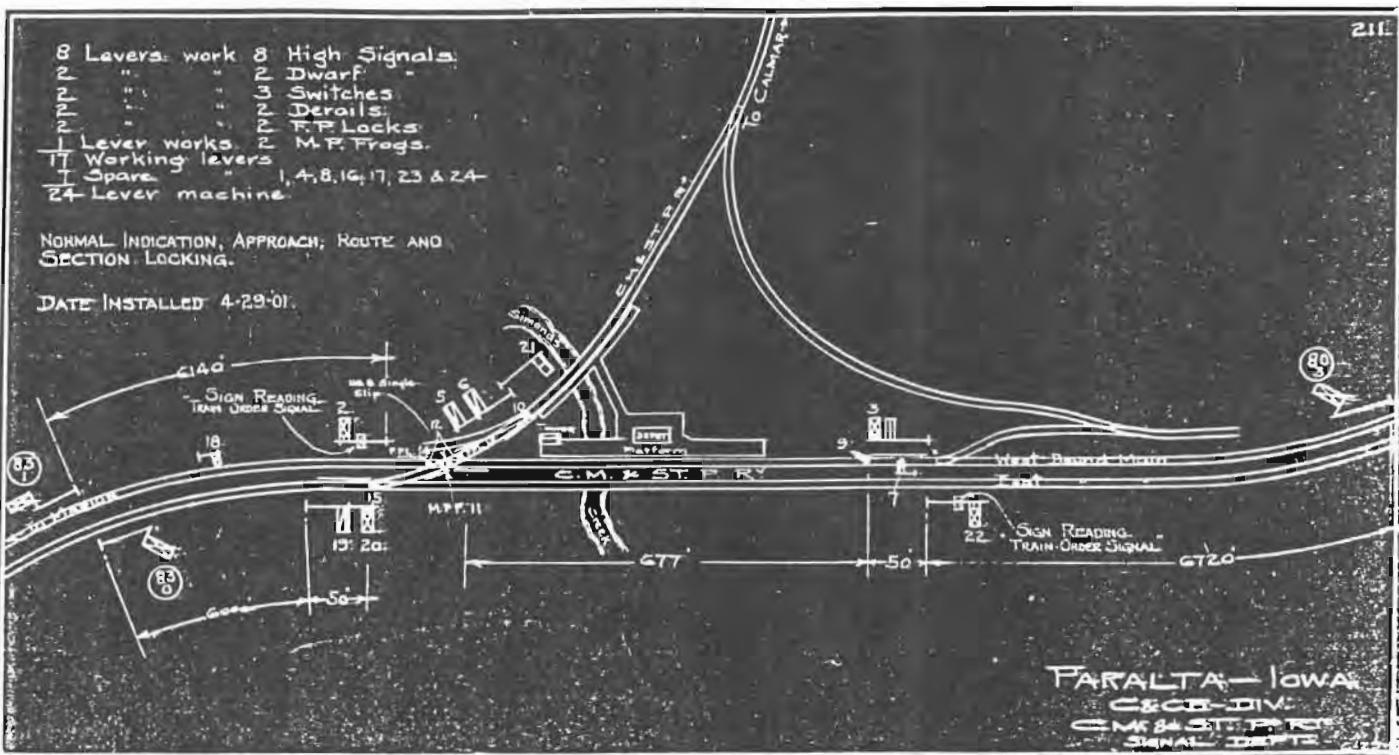
BUILT BY - C.B. &amp; Q.

REPAIRING - C.B. &amp; Q.

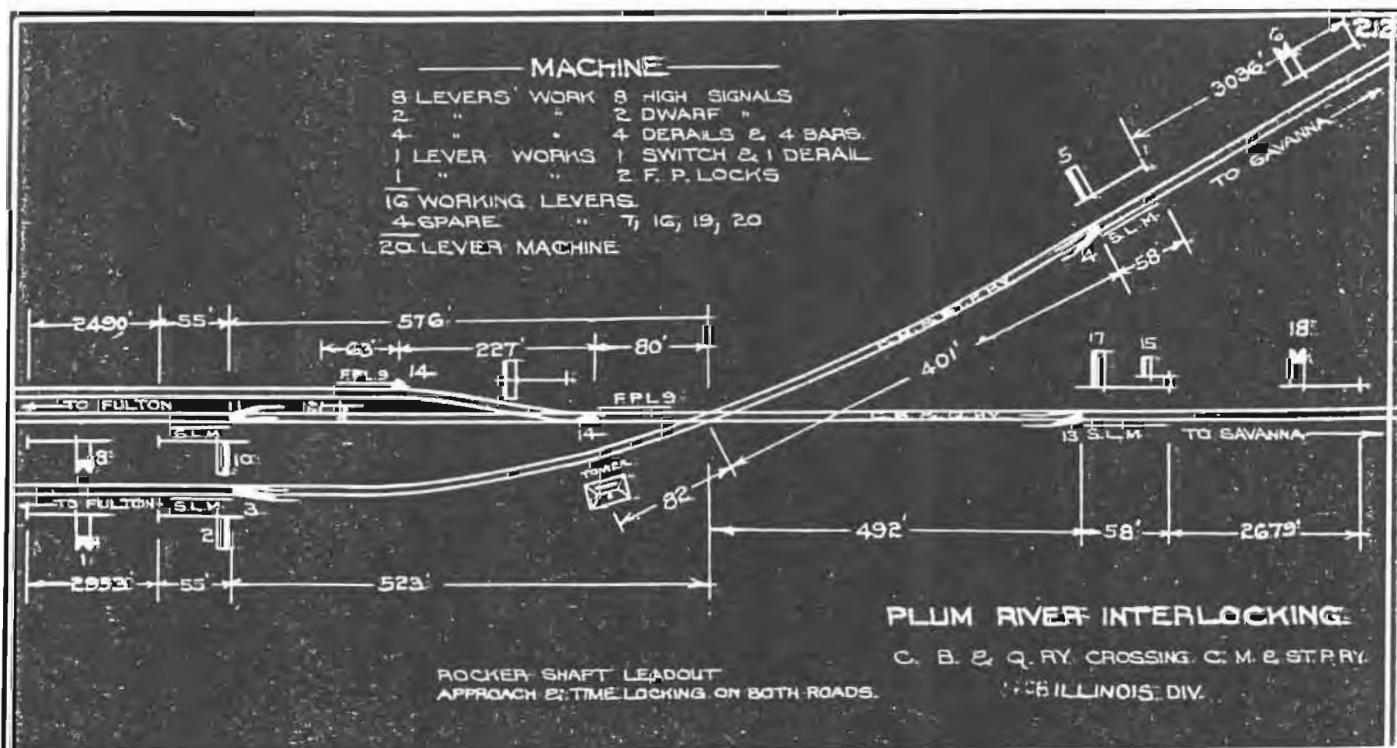
REV. 1931



REV. 1917



REV. 1917



REV. 1917

126

212-A.

PLUM RIVER INTERLOCKING  
C.B&Q.R.Y CROSSING C.M & ST.P.R.Y

DATE OF CONTRACT

10-10-03

DATE PLANT PUT IN SERVICE

1904

DATE OF STATE COM. PERMIT.

3-26-04

AGREEMENT BY CONTRACTOWNERSHIP AND  
INSTALLATION C.B&Q. 100%MAINTENANCE,  
OPERATION AND  
SUPPLIES C.B&Q. 100%BUILT BYREPAIRING C.B&Q.R.Y

A.F.F. 5/2/04

REV. 1911

213.

4 LEVERS FOR  
 4 " "  
 2 " "  
 1 " "  
 11 WORKING LEVERS.  
 9 SPARE SPACES.  
 1 LEVER FRAME

HIGH SIGNALS.  
 DERAILS  
 T.P. LOCKS  
 CROSSING BARS AND  
 ONE TIME RELEASE.  
 1-12-13 G/16.  
 7.

TO SEATTLE

19 SLM C.M &amp; S.Y. STP/R.Y.

SLM

663

610

610

610

120'

2726 + 84' + 58' + 293' + 207' +

500'

500'

58'

5412'

5412'

TIME RELEASE ON LEVER 8.

APPROACH, ROUTE, AND SECTION LOCKING ON  
 C.M & STP AT  
 ROUTE LOCKING ON N.P.R.Y.  
 C.M & STP LIFT TYPE DERAILLE ON BOTH ROADS  
 BIZLOS TRACK INST. ON N.P.R.Y 5280' FROM HOME SIGNALS.

PIED MONT. MONT.  
 ROCKY MT. DIV.  
 C.M & ST.P.R.Y.  
 SIGNAL DEPT.  
 8-2-16.

REV. 1917

127

213-A

## PIEDMONT INTERLOCKING

CM&STP CROSSING N P R Y

**DATE OF CONTRACT**

NOV-3-1907

**AGREEMENT BY CONTRACT**

**DATE PLANT PUT IN SERVICE**

12-10-17 AGE 3520 PS

INSTALLATION } CM & STP-100%  
OWNERSHIP }

DATE OF STATE COM. PERMIT

MAINTENANCE - CM & STP - 100%

**PLANT BUILT BY**

CM & STP

## OPERATION - CM & STP - 100%

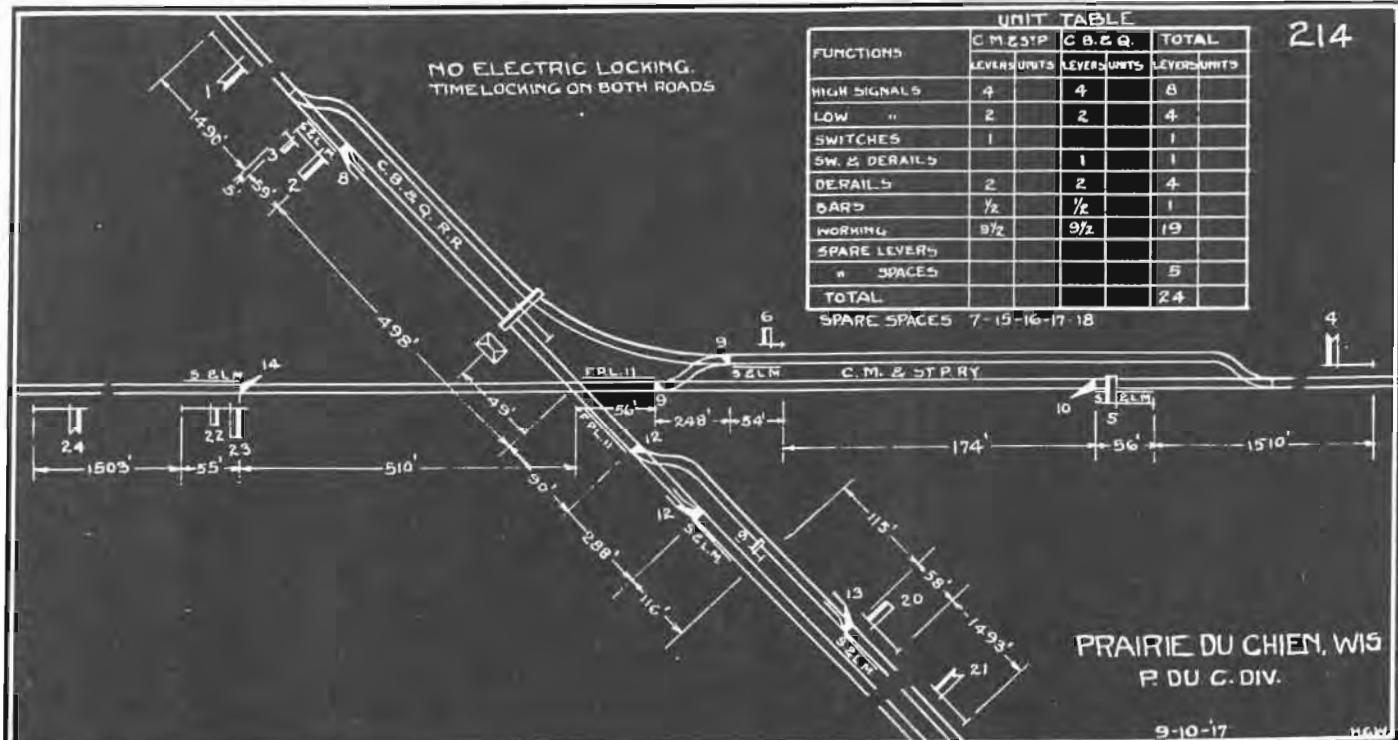
**REPAIRING** - CM & STP-100%

9-10-1917

REV. 1917

UNIT TABLE			
FUNCTIONS	C.M.E.T.P.	C.B.E.Q.	TOTAL
	LEVERS	UNITS	LEVERS
HIGH SIGNALS	4	4	8
LOW "	2	2	4
SWITCHES	1		1
SW. & DERAILS		1	1
DERAILS	2	2	4
BARS	½	½	1
WORKING	9½	9½	19
SPARE LEVERS			
" SPACES			5
<b>TOTAL</b>			<b>24</b>

214



PRAIRIE DU CHIEN, WIS  
P. DU C. DIV.

— 1 —

147

REV. 1917

128

214A

PRAIRIE DU CHIEN INTERLOCKING  
C.B.&Q.RY CROSSING C.M. & S.P.RY

DATE OF CONTRACT  
5-27-03

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
3-26-04

INSTALLATION { C.B.&Q.RY 100%,

DATE OF STATE COM. PERMIT  
3-24-04

MAINTENANCE { OPERATION AND SUPPLIES } C.B.&Q.RY 100%

BUILT BY U.S. & S. CO.

MAINTENANCE BY C.B&Q

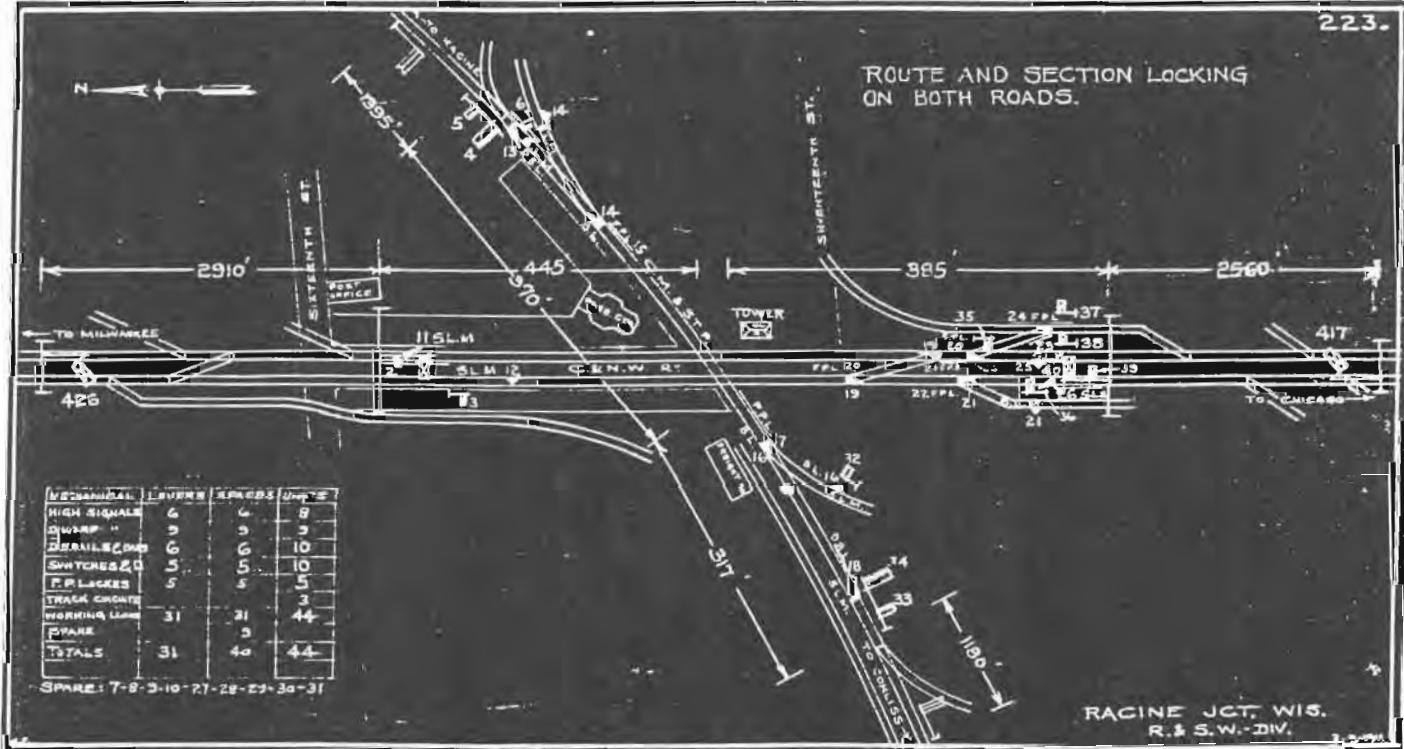
OWNERSHIP SAME AS MAINTENANCE

5-12-04

REV. 1911

223.

ROUTE AND SECTION LOCKING  
ON BOTH ROADS.



REV. 1917

129

223-A

RACINE JCT. INTERLOCKING  
C.M. & ST. P. R.Y. CROSSING C&N.W. R.Y.

DATE OF CONTRACT  
8-6-92. 11-6-1911.

**DATE PLANT PUT IN SERVICE**  
5-15-93 10-1-95  
**REBUILT** 8-12-12

DATE OF STATE COM. PERMIT  
9-20-95

BUILT BY— U. S. & S. CO.

**AGREEMENT BY CONTRACT**

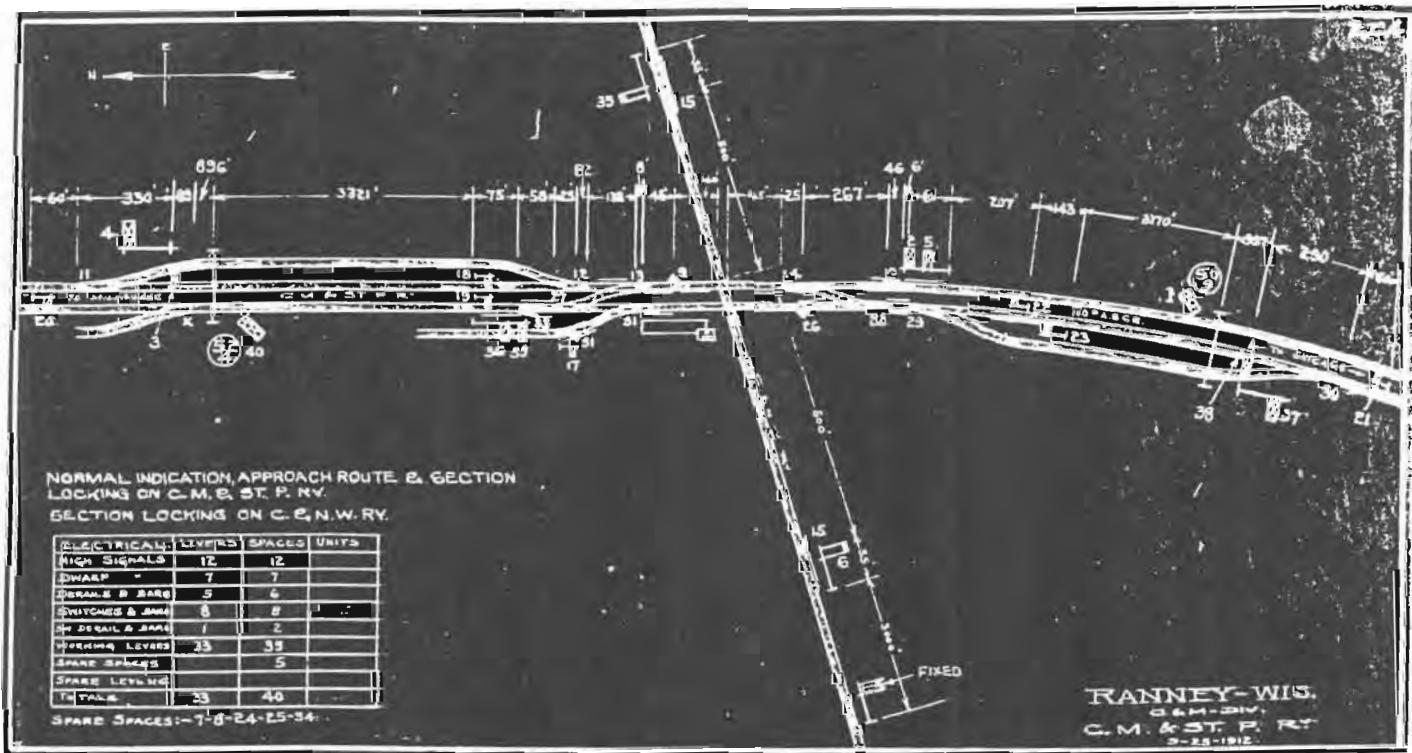
**INSTALLATION** { C.M. & ST. P. 50%  
C&N.W. 50%

Change- 4-22-27 MAINTENANCE { C. M. & ST. P. 46.45%  
{ C. & N.W. 53.85%

**OPERATION** { C. M. & ST. P. - 50%  
C. & N.-W. -- 50%

**OWNERSHIP SAME AS MAINTENANCE  
REPAIRING - C. & N.W. Ry.**

REV. 1911



REV. 1921

130

**RANNEY INTERLOCKING**

C. & N.W. RY XING C.M. & ST. P. RY

**DATE OF CONTRACT**

**AGREEMENT BY CONTRACT**

**DATE PLANT PUT IN SERVICE**

**FIRST INSTALLATION 4-19-1887**

REBUILT & PUT IN SERVICE 12-15-36

DATE OF STATE COM. PERMIT 12-11-'06

## **INSTALLATION**

C. & N.W. 50%

GM & STP 500

CM. & ST. P. BO. 3

卷之三

**52 FOR STA. SERVICE**

**AND THE OF BALANCE  
S. M. M.**

1/2 AFTER DEPUTY  
44  
52 85 74 85

1960-61 - 1961-62

**CML&STRAT**

#### **ANNUAL MAINTENANCE**

**BUILT BY - U.S. & S. CO.**

**MECH. MACH. CHANGED TO ELECTRIC  
REBUILT BY C.M.L.S.T.P. 12-11-'06**

MAINTENANCE

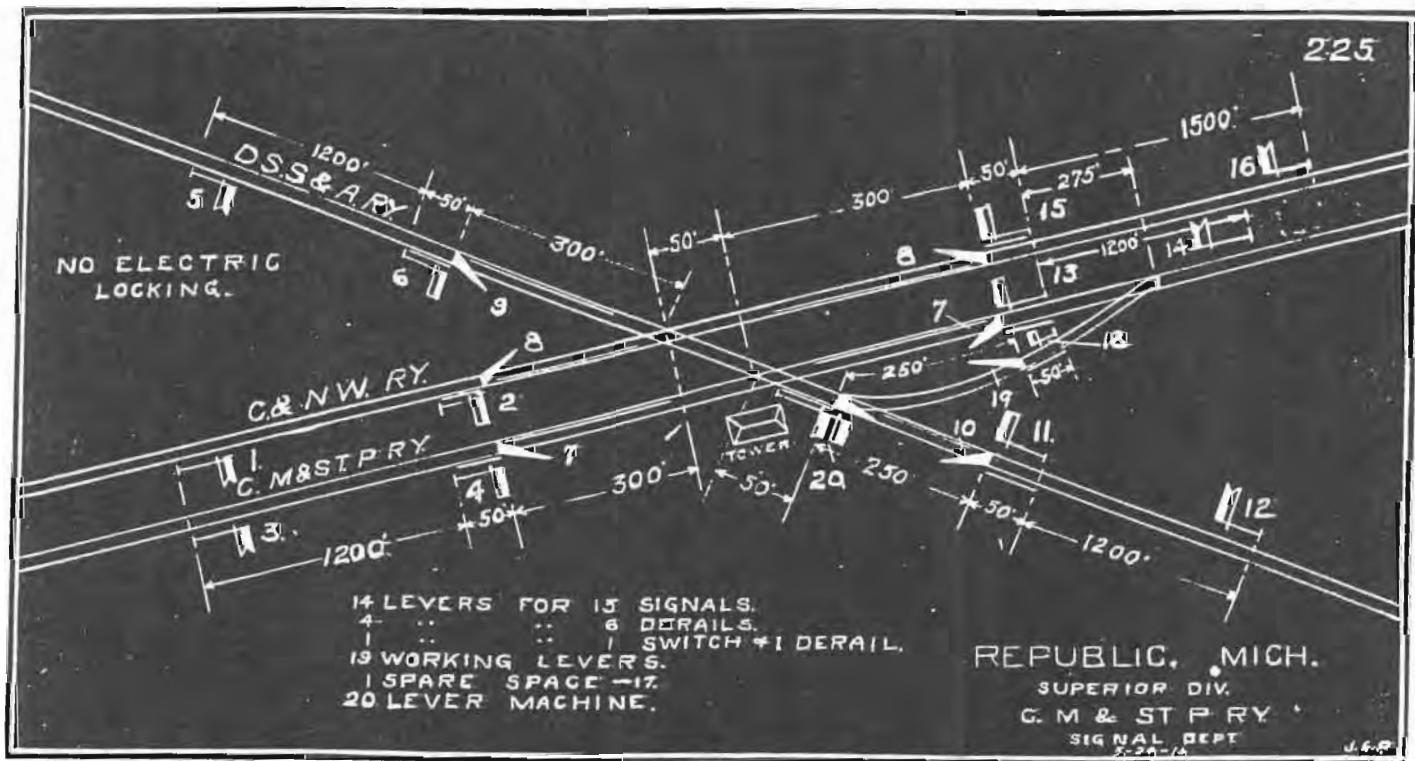
8NP

## **OPERATION**

### **REPAIRING.**

#### **OWNERSHIP**

Rev. 1920



REV. 1916

## REPUBLIC - INTERLOCKING

C. M. &amp; ST. P. AND C. &amp; N. W. RY.

CROSSING D. S. S. &amp; A. RY.

## AGREEMENT OF EXPENSES

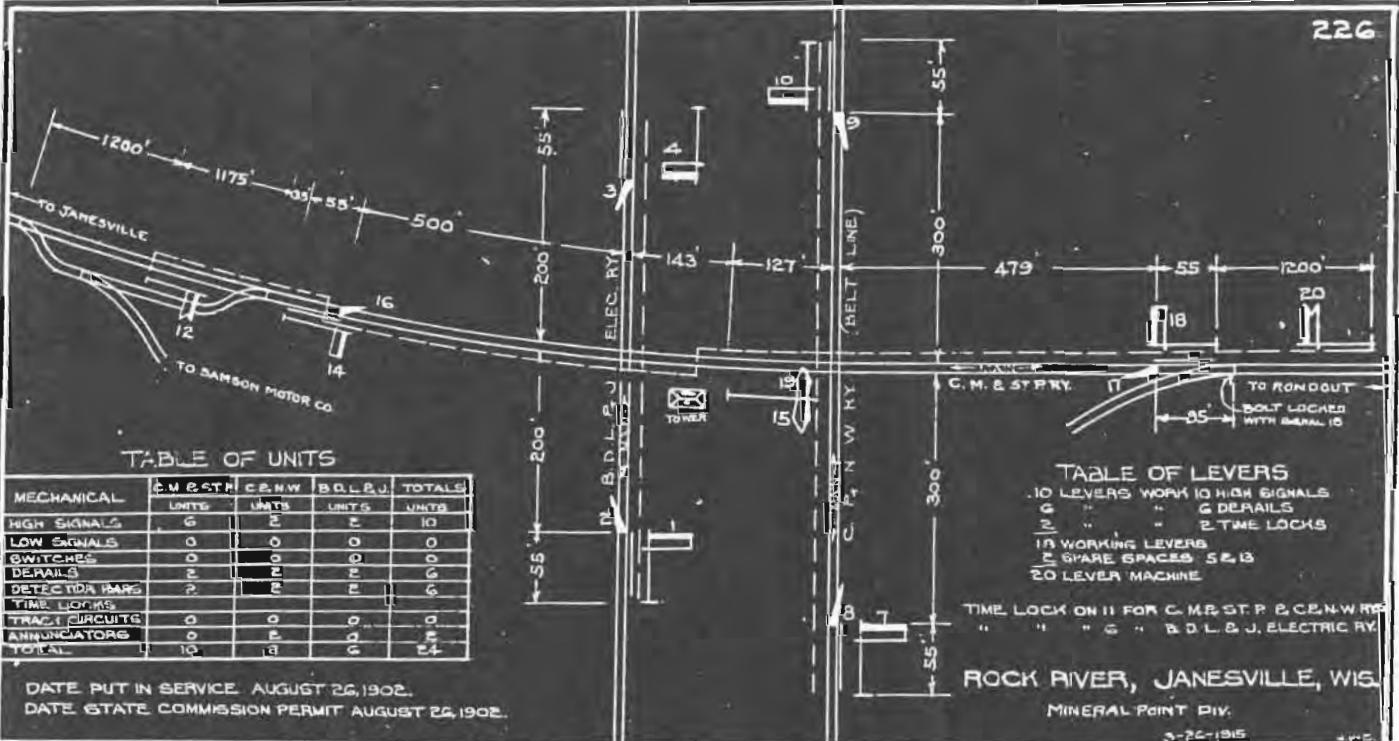
MACHINE
SAYBY & FARMER.
20 LEVER FRAME

MAINTENANCE	SUPPLIES & OPERATION
C M & S T P 57%	C M. & S T P - 50 %
C & N W 43%	C & N W 50 %
OWNERSHIP SAME	
AS MAINTENANCE	
PUT IN SERVICE	ABOUT 1-20-89
DATE OF PERMIT	.. 1-20-89
DATE OF 2 <sup>nd</sup> PERMIT	1-25-1900

CONTRACT.
DATE OF B-1-88
COST OF \$
TOWER \$
BUILT BY U.S. & S. CO.
MAINTAINED BY
C. & N.W. RY.

REV. 1911

A.S.



REV. 1920

132

226A

## ROCK RIVER INTERLOCKING

R. &amp; I. RY. - C. &amp; N.W. RY. - C.M. &amp; ST.P. RY.

## DATE OF CONTRACT

3-8-'02

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

8-26-'02

INSTALLATION OWNERSHIP { R. & I. RY. 50%  
C. M. & ST.P. RY. 50%

## DATE OF STATE COMM. PERMIT

8-26-'02

MAINTENANCE { R. & I. RY. 50%  
C. M. & ST.P. RY. 50%

## PLANT BUILT BY: U.S. &amp; S. CO.

OPERATION { R. & I. RY. 50%  
C. M. & ST.P. RY. 50%

## NOTE:

MAINTENANCE AND OPERATION OF TELEGRAPH, TELEPHONE, CROSSING GATES  
AND SALARY OF THIRD LEVERMAN CHARGED TO C.M. & ST.P.R.Y.

## REPAIRING

C.M. &amp; ST.P. RY.

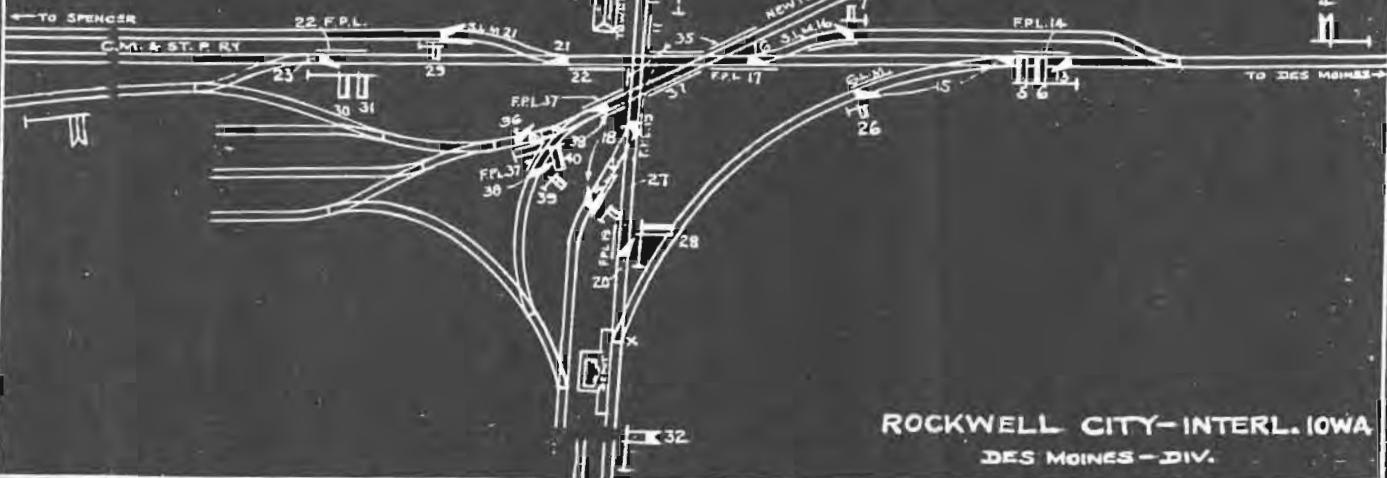
8-23-17 H.G.

REV. 1917

227

18 LEVERS FOR 18 SIGNALS  
 11 " " 5 SWITCHES & // DERAILS  
 6 " " 6 F.P. LOCKS  
 1 " " 1 TIME LOCK & 4 KING BARS  
**36 WORKING LEVERS**  
 4 SPARES, 24, 25, 33, 34.  
**40 LEVER MACHINE**

TIME LOCK ON LEVER 35 FOR ALL ROADS.



REV. 1917

## ROCKWELL CITY - INTERLOCKING

C.M.&amp;ST.P.RY CROSSING I.C.R.R. AND N.&amp;N.W.R.R.

DATE OF CONTRACT  
MAR-1-1899

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
AUG-23-1900

INSTALLATION - I.C. - 100%

OWNERSHIP - I.C. - 100%

DATE OF STATE COM. PERMIT

MAINTENANCE

APRIL 21, 1909

OPERATION

BUILT BY STAND. R.R. SIG.CO.

REPAIRING

I.C.R.R. 100%

4-6-1924

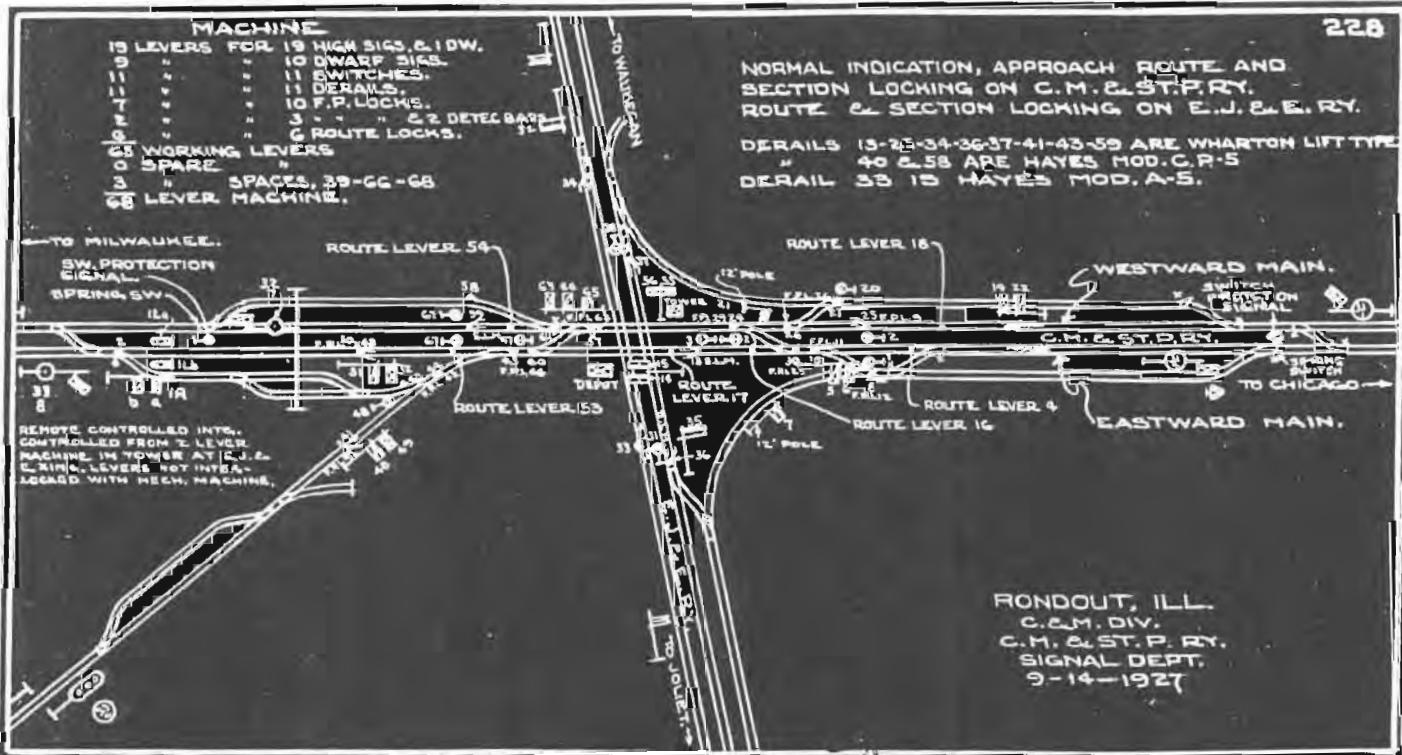
REV. 1911

MACHINE  
 15 LEVERS FOR 19 HIGH SIGS & 1 DW.  
 9 " " 10 DWARF SIGS.  
 11 " " 11 SWITCHES.  
 11 " " 11 DERAILS.  
 7 " " 10 F.P. LOCKS.  
 2 " " 3 " " 2 DETECTORS.  
 6 " " 6 ROUTE LOCKS.  
 68 WORKING LEVERS.  
 0 SPARE "  
 3 " SPACES, 39-66-68  
 68 LEVER. MACHINE.

228

NORMAL INDICATION, APPROACH ROUTE AND  
 SECTION LOCKING ON C.M. & ST.P.R.Y.  
 ROUTE & SECTION LOCKING ON E.J. & E.R.Y.

DERAILS 13-25-34-36-37-41-43-59 ARE WHARTON LIFT TYPE  
 " 40 & 58 ARE HAYES MOD.C.P.S  
 DERAIL 33 IS HAYES MOD.A-S.



REV. 1929

## RONDOUT, ILL. INTERLOCKING

228-A

C.M. &amp; ST.P.R.Y. CROSSING E.J.&amp; E.R.Y.

## AGREEMENT BY CONTRACT

DATE OF CONTRACT

1-20-05

DATES PLANT PUT IN SERVICE  
6-9-93 6-6-00 2-25-05DATES OF PERMIT  
9-30-93 7-3-96  
6-11-00 2-28-05  
6-25-15

BUILT BY C.M. ST.P. &amp; P.R.R.

MAINTENANCE, INCLUDING ELEC.  
FIXTURES AND LAMP RENEWALS  
FOR INTERLOCKING SIGNALS. { C.M. & ST.P. R.Y. CO.  $\frac{35}{54}$  THS OR 64.81%  
E.J. & E. R.Y. CO.  $\frac{19}{54}$  THS OR 35.19%

## OPERATION

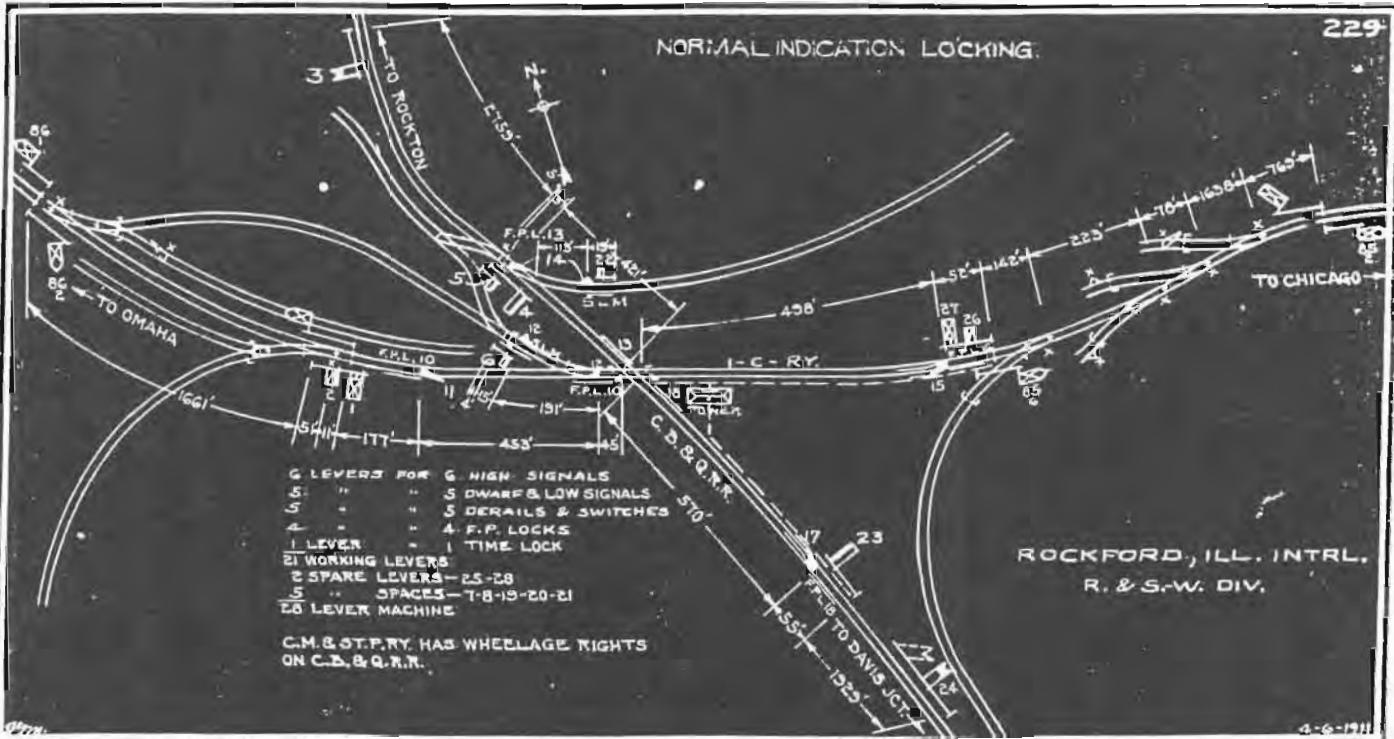
COAL { C.M. & ST.P. 50%  
E.J. & E. 50%LEVERMANS  
WAGES { C.M. & ST.P. \$0 PER MO. +  $\frac{21}{56}$  THS  
OF ALL OVER \$180 PER MO.  
E.J. & E. \$0 PER MO. +  $\frac{19}{56}$  THS  
OF ALL OVER \$180 PER MO.LAMPMANS WAGES AND { C.M. & ST.P.  $\frac{35}{54}$  THS OR 64.81%  
OPERATING SUPPLIES { E.J. & E.  $\frac{19}{54}$  THS OR 35.19%OIL FOR { C.M. & ST.P. 51.95%  
ALL LAMPS { E.J. & E. 48.05%.ELECTRIC  
LIGHTING { E.J. & E. \$1.25 PER MO.

H.G.W. 8-14-24

REV. 1924

229

## NORMAL INDICATION LOCKING.



4-6-1911

REV. 1921

ROCKFORD ILL.

C.M. &amp; ST.P.RY. JOINT WITH C.B.&amp;Q.RY.

## DATE OF CONTRACT

OCT-1-1887

## DATE PLANT PUT IN SERVICE

1889  
APRIL-8-1908  
REBUILT 1917

## DATE OF STATE COM. PERMIT

## PLANT BUILT BY

I.C.R.R.

## AGREEMENT BY CONTRACT

## INSTALLATION

I.C.R.R.	100%
C.B.&Q	0%
C.M.&ST.P	0%

PLANT BUILDINGS

I.C.R.R.	98.39%	100%
C.B.&Q	1.61%	0%
C.M.&ST.P	0%	0%

## OWNERSHIP

I.C.R.R.	100%
C.B.&Q	0%
C.M.&ST.P	0%

## MAINTENANCE

I.C.R.R.	100%
C.B.&Q	0%
C.M.&ST.P	0%

## OPERATION

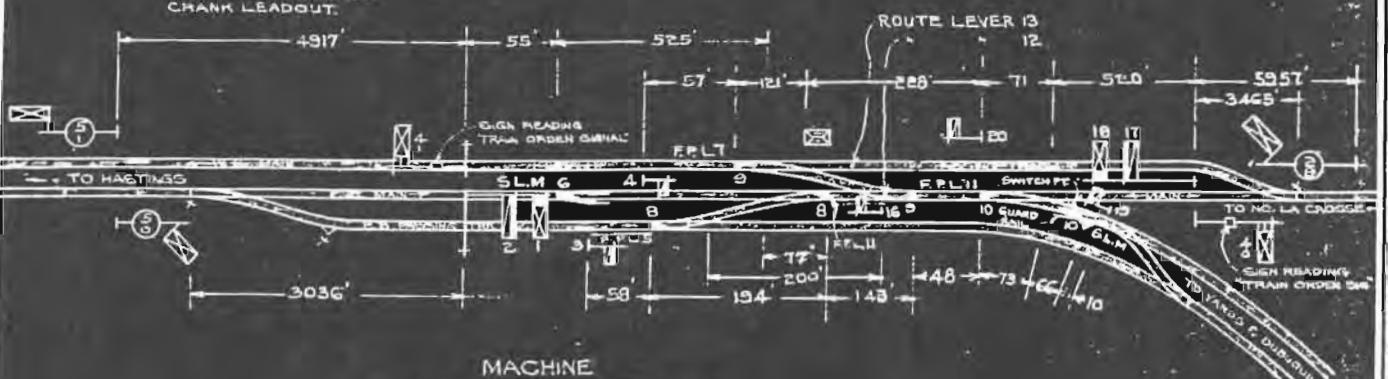
I.C.R.R.	100%
C.B.&Q	0%
C.M.&ST.P	0%

## REPAIRING

I.C.R.R.	100%
C.B.&Q	0%
C.M.&ST.P	0%

REV. 1921

NORMAL INDICATION, APPROACH POINTS BY EJECTION LOCKING.  
 TRAIN ORDER SIGNALS CONTROLLED FROM KNOB SWITCHES IN TOWER  
 DETECTOR BARNS OR SWITCH B. NOT LESS THAN 53' LONG  
 DERAIL C IS A C.M. & ST.P. LIFT  
 10" - HAYES.  
 CHANK LEADOUT.



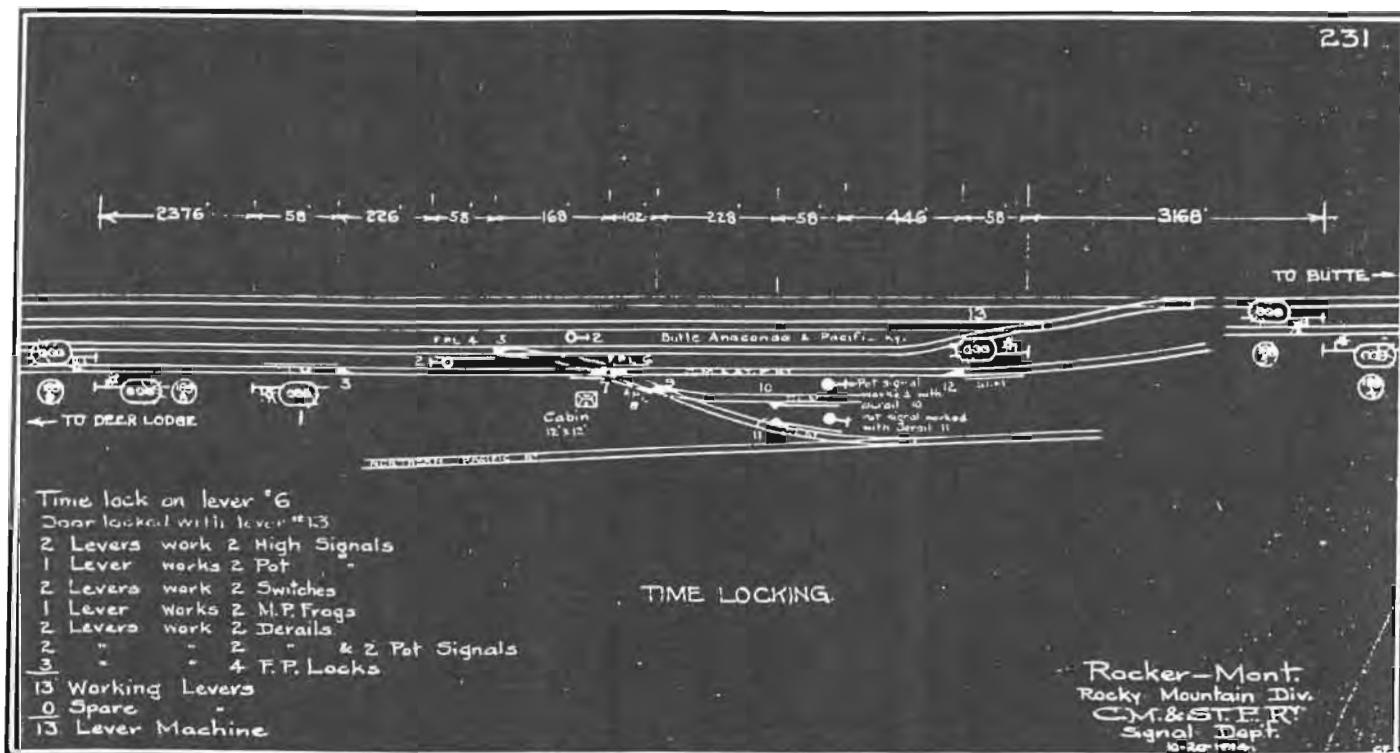
TOWER REBUILT  
A.F.E.  
PUT IN SERVICE  
PUT IN SERVICE 12-22-06  
REBUILT  
PUT IN SERVICE 12-7-15

RIVER JUNCTION, MINN.

RIVER DIVISION

3-3-1915

REV. 1920



REV. 1917

## ROCKER INTERLOCKING

CM &amp; STP RY CROSSING BA &amp; P RY &amp; N. P. RY

## DATE OF CONTRACT

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

## INSTALLATION OWNERSHIP

12-17-1913

{ CM & STP - 100%  
BA & P  
N. P.

## DATE OF STATE COM. PERMIT

## MAINTENANCE

{ CM & STP - 100%  
BA & P  
N. P.

## PLANT BUILT BY

## OPERATION

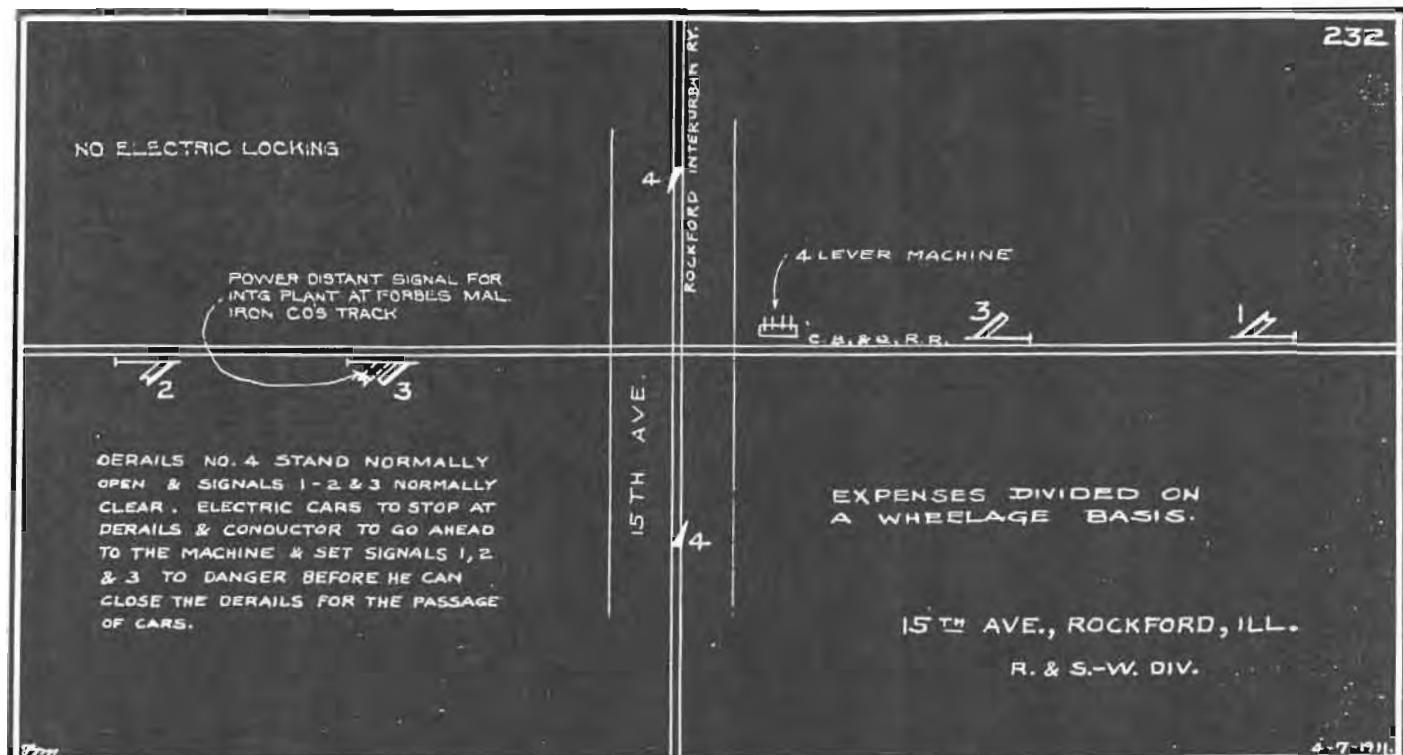
{ CM & STP - 100%  
BA & P  
N. P.

C.M. &amp; ST.P.

## REPAIRING

{ C.M. &amp; ST.P.

REV. 1914

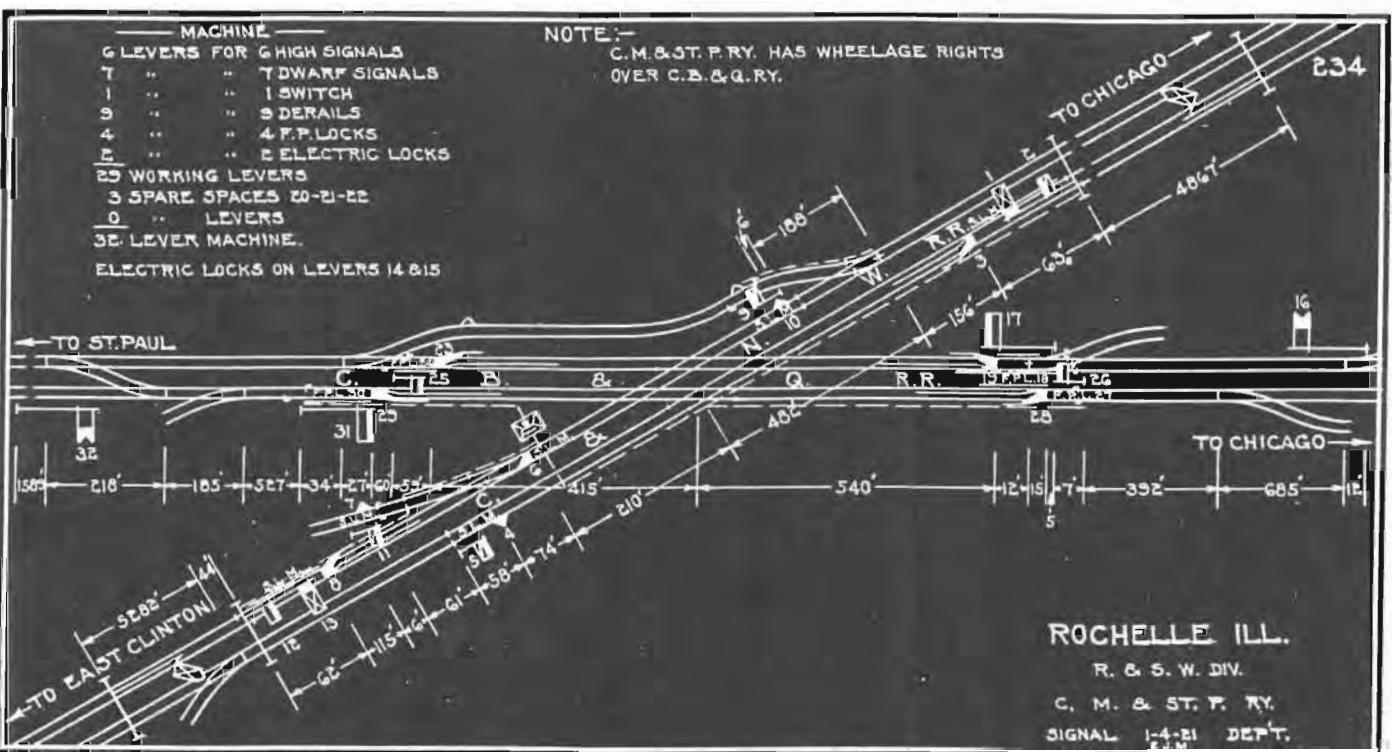
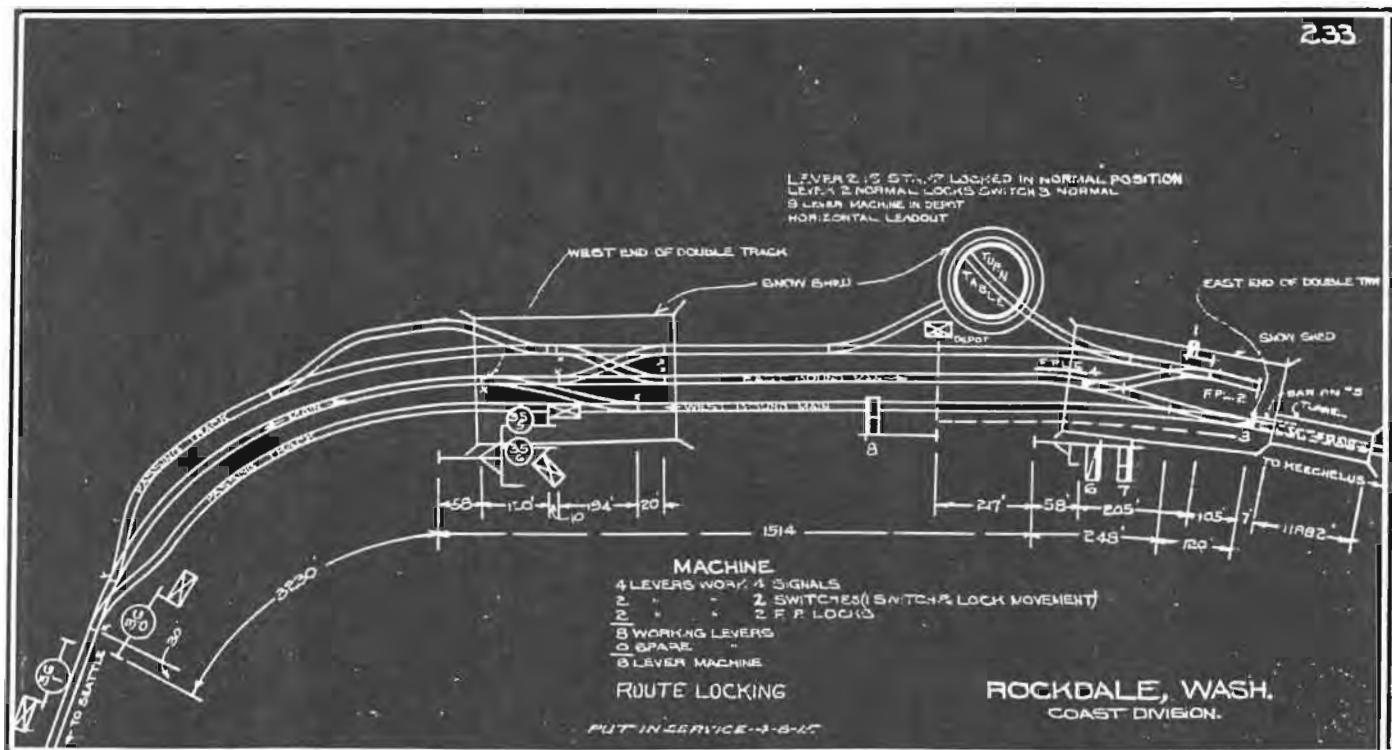


REV. 1917

ROCKFORD ILL.		232-A
15TH AVE. INTERLOCKING.		
C.M. & ST.P.R.Y. JOINT WITH C.B.&Q.R.Y.		
DATE OF CONTRACT	NOV-5-1881 JUNE-1-1906	AGREEMENT BY CONTRACT
DATE PLANT PUT IN SERVICE	FEB-1-1908	INSTALLATION { C.M. & ST.P. 0% C.B.&Q. 0% R.I. 100% }
DATE OF STATE COM. PERMIT		OWNERSHIP { C.M. & ST.P. 0% C.B.&Q. 0% R.I. 100% }
PLANT BUILT BY	C.B.&Q. & G.R.S.Co.	MAINTENANCE { C.M. & ST.P. 0% } JOINT TRACK C.B.&Q. 0% } AGREEMENT R.I. 100%
		OPERATION { C.M. & ST.P. 0% C.B.&Q. 0% R.I. 100% }
		REPAIRING { R.I. }

REV. 1921

E-14-21(A1)



REV. 1921

234-A

## ROCHELLE ILL.

C.M. &amp; ST.P.RY.

JOINT WITH C.B.&amp;Q.RY.

## DATE OF CONTRACT

MARCH-23-1897  
JAN-2-1917

## DATE PLANT PUT IN SERVICE

OCT. 2-1897  
MARCH-20-1916

## DATE OF STATE COM. PERMIT

## PLANT BUILT BY

C.&amp;N.W.

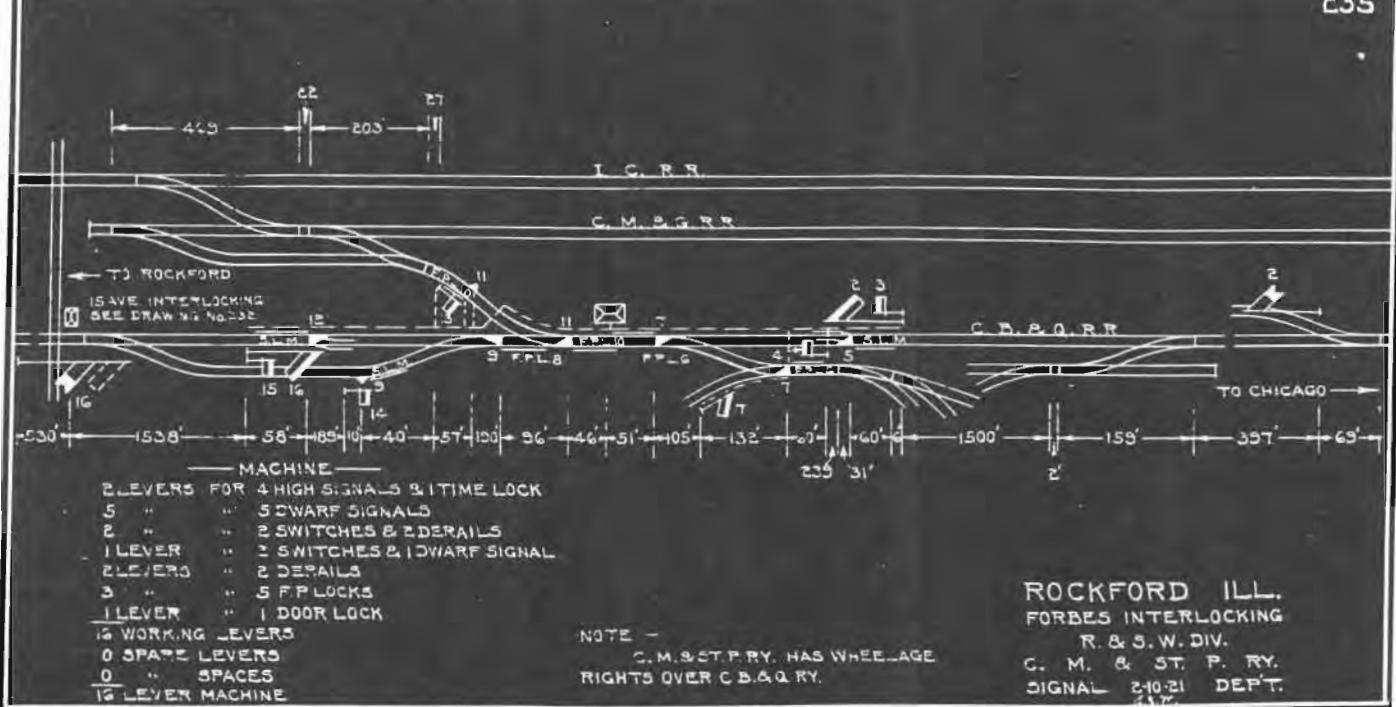
## AGREEMENT BY CONTRACT

INSTALLATION { C.M. & ST.P. 0%  
C. & N.W. 45.34%  
C. B. & Q. 54.06%OWNERSHIP { C.M. & ST.P. 0%  
C. & N.W. 45.34%  
C. B. & Q. 54.06%MAINTENANCE { WHEELAGE BASIS  
C.M. & ST.P. { TO C.B.&Q.  
C. & N.W. 45.34%  
C. B. & Q. 54.06%OPERATION { WHEELAGE BASIS  
C.M. & ST.P. { TO C.B.&Q.  
C. & N.W. 45.34%  
C. B. & Q. 54.06%

REPAIRING { C. &amp; N.W.

REV. 1921

235



REV. 1921

ROCKFORD ILL.  
FORBES INTERLOCKING.

C.M. & ST.P.R.Y. JOINT WITH C.B.&Q.R.Y.

DATE OF CONTRACTS

NOV.-5-1881  
MAY-7-1906  
MAY-8-1906

DATE PLANT PUT IN SERVICE

JULY-29-1907

DATE OF STATE COM. PERMIT

PLANT BUILT BY

I.C.-G.R.S.Co.

AGREEMENT BY CONTRACT

INSTALLATION

C.M. & ST.P.	0%
C.B. & Q.	0%
I.C.	50%
C.M. & G.	50%

OWNERSHIP

C.M. & ST.P.	0%
C.B. & Q.	0%
I.C.	50%
C.M. & G.	50%

MAINTENANCE

C.M. & ST.P.	0} JOINT TRACK
C.B. & Q.	0} OF AGREEMENT
I.C.	50%
C.M. & G.	50%

OPERATION

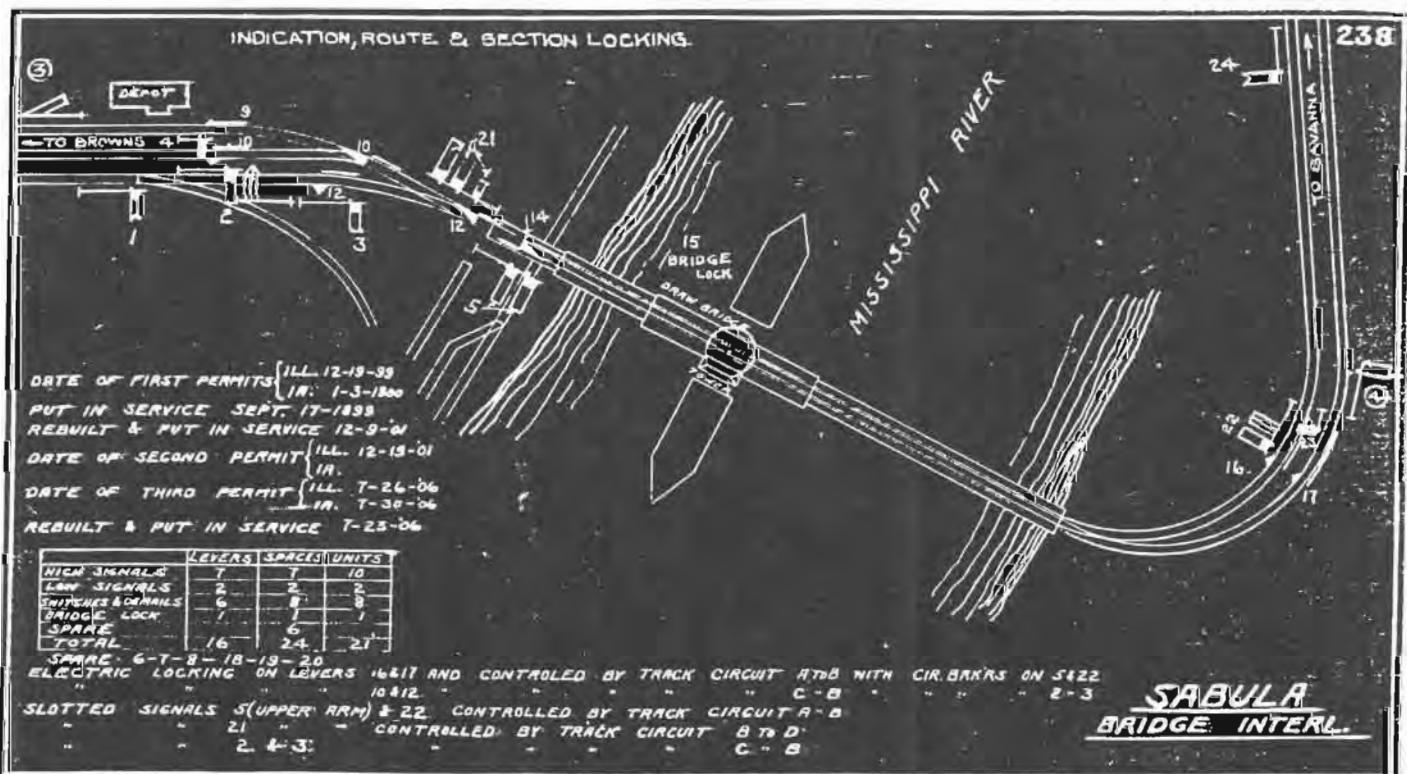
C.M. & ST.P.	0} JOINT TRACK
C.B. & Q.	0} OF AGREEMENT
I.C.	50%
C.M. & G.	50%

REPAIRING

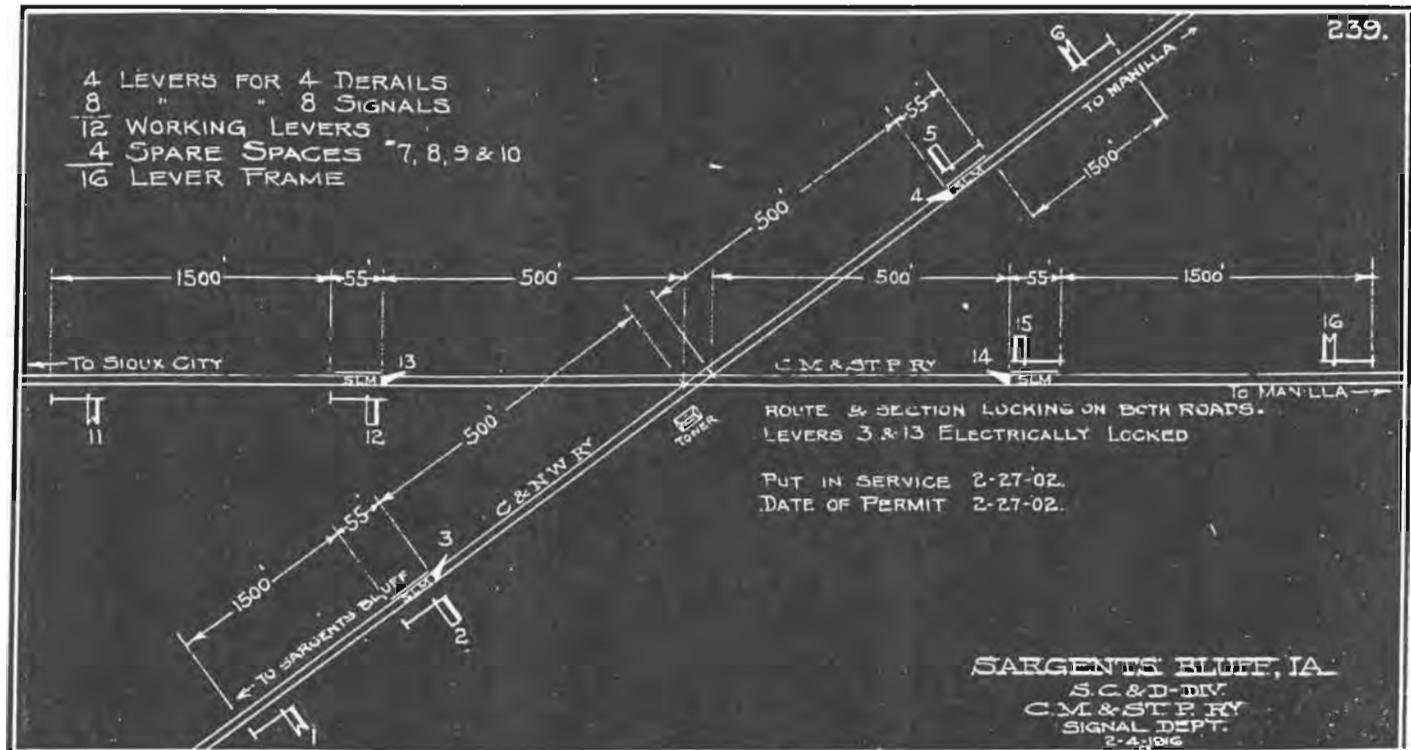
I.C.
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235-A

REV. 1917



REV. 1906



REV. 1916

SARGENTS BLUFF INTERLOCKING

C & N W R Y CROSSING

C. M. & S. T. P. RY.

**DATE OF CONTRACT**

OCT. 11, 1901.

DATE PLANT PUT IN SERVICE

2-27-'02

STATE OF STATE COM. PERMIT

アーティスト

BUILT BY S. S. GO.

**AGREEMENT BY CONTRACT**

<u>OWNERSHIP AND INSTALLATION</u>	{ C.M. & S.I.P.R.Y. $\frac{33}{3}\%$ C. & N.W.R.Y. $\frac{66}{3}\%$
<u>MAINTENANCE OPERATION AND SUPPLIES</u>	{ C.M. & S.I.P.R.Y. $\frac{33}{3}\%$ C. & N.W.R.Y. $\frac{66}{3}\%$

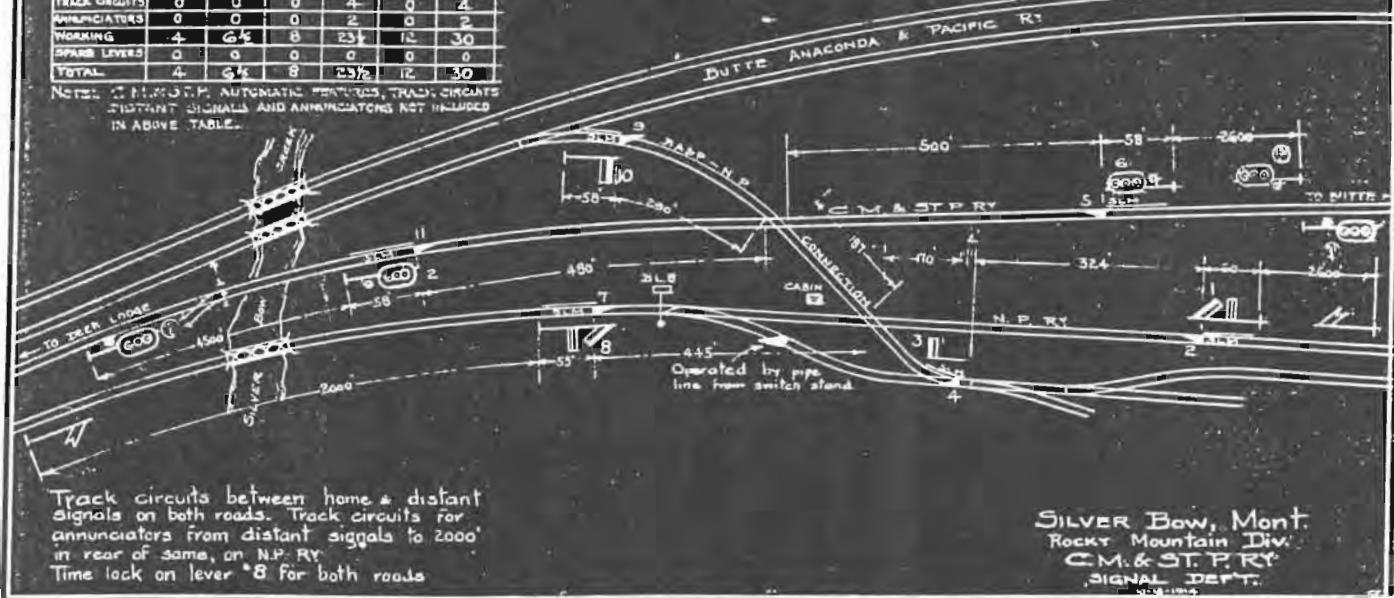
REPAIRING. C & N.W. R.Y.

REV. 1911

142

MECHANICAL	C.M. & S.T.P.		N.P.R.		TOTALS	
	LEVERS	UNITS	LEVERS	UNITS	LEVERS	UNITS
HORN SIGNALS	2	4	3	6	5	11
SHUTTERS & BARS	0	0	1	2	1	2
PARASOL & BARS	2	4	3	6	5	10
TIME LOCKS	0	1	0	2	0	1
TRACK CIRCUITS	0	0	0	4	0	4
AMMUNICATORS	0	0	0	2	0	2
WORKING	4	6 $\frac{1}{2}$	8	23 $\frac{1}{2}$	12	30
SPARE LEVERS	0	0	0	0	0	0
TOTAL	4	6 $\frac{1}{2}$	8	23 $\frac{1}{2}$	12	30

**Note:** C.M. & S.P. AUTOMATIC FEATURES, TRACK CIRCUITS,  
DISTANT SIGNALS AND ANNUNCIATORS NOT INCLUDED  
IN ABOVE TABLE.



REV. 1916

## SILVER BOW INTERLOCKING

CM & ST PRY CROSSING BA & PRY & N. P RY

**DATE OF CONTRACT**

Nov-22-1913

**DATE PLANT PUT IN SERVICE**

10-27-1913

DATE OF STATE COM. PERMIT

PLANT BUILT BY

N. P. ORIGINAL

C.M. & ST.P. ADDITION

**AGREEMENT BY CONTRACT**

CM&STP-56.44  
B&P 43.56

CM & STP - 50%  
BA&P - 50%

CM&STP - 50%  
B&P  
NP 50%

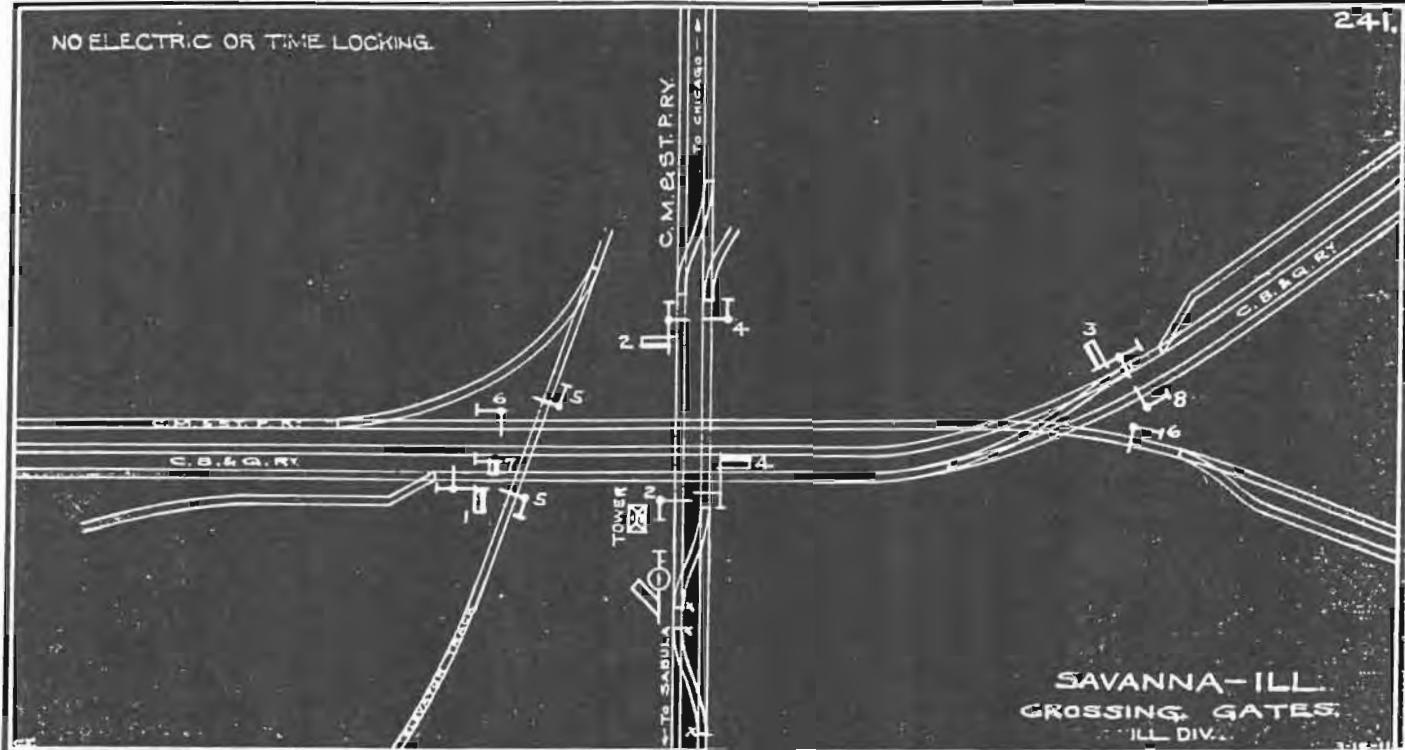
{ C.M. & S.T.P.

REV. 1918

143

**NO ELECTRIC OR TIME LOCKING.**

241



REV. 1917

## SAVANNA INTERLOCKING

C.M. & ST. P. RY CROSSING C. B. & Q. RY

**DATE OF CONTRACT**

**AGREEMENT BY CONTRACT**

**DATE PLANT PUT IN SERVICE**  
10-29-'99. 2-15-'11.

INSTALLATION { C.B. & Q. 50%  
C.M. & S.T.P. 50%

DATE OF STATE COM. PERMIT

MAINTENANCE - C.B&Q 100%

BUILT BY — C.M. & ST. P.

OPERATION - C.B & Q.R. 100%.

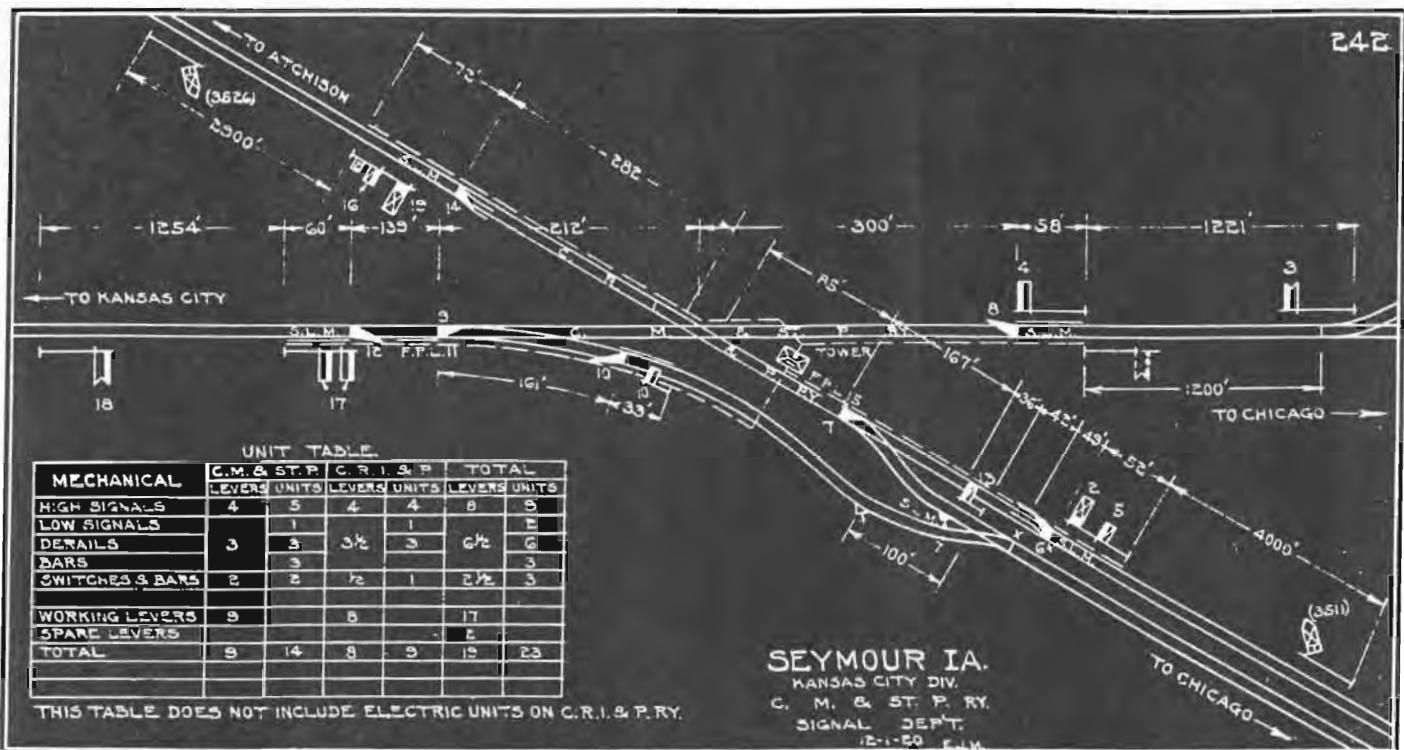
**OWNERSHIP—SAME AS MAINTENANCE.**

OPERATION - CD & Q.R. 100%.

SUPPLIES C.B. & Q. RY. - 100%

**REPAIRING - C.B&Q.R.**

REV. 1917



REV. 1921

## SEYMOUR INTERLOCKING

C. M. & S.T.P. Ry. XING C.R.I. & P. Ry.

DATE OF CONTRACT

OCT 27-1896

AGREEMENT BY CONTRACT

C.R.I. & P. RY. 50%

M A I N T E N A N C E { C.M. & S.T.P. RY. 50%

DATE PLANT PUT IN SERVICE

Dec 10-96

OPERATION.

BUILT BY C.M. & S.T.P. RY

SUPPLIES:- C. R. I. & P. RY. 50%

SUPPLIES:- C. M. & S.T.P. RY. 50%

COST COMPLETE \$4889.02

TOWERMEN'S WAGES: C.M. & S.T.P.RY. 100%

MATERIAL USED WHEN RAILS ARE

OWNERSHIP SAME AS MAINTENANCE

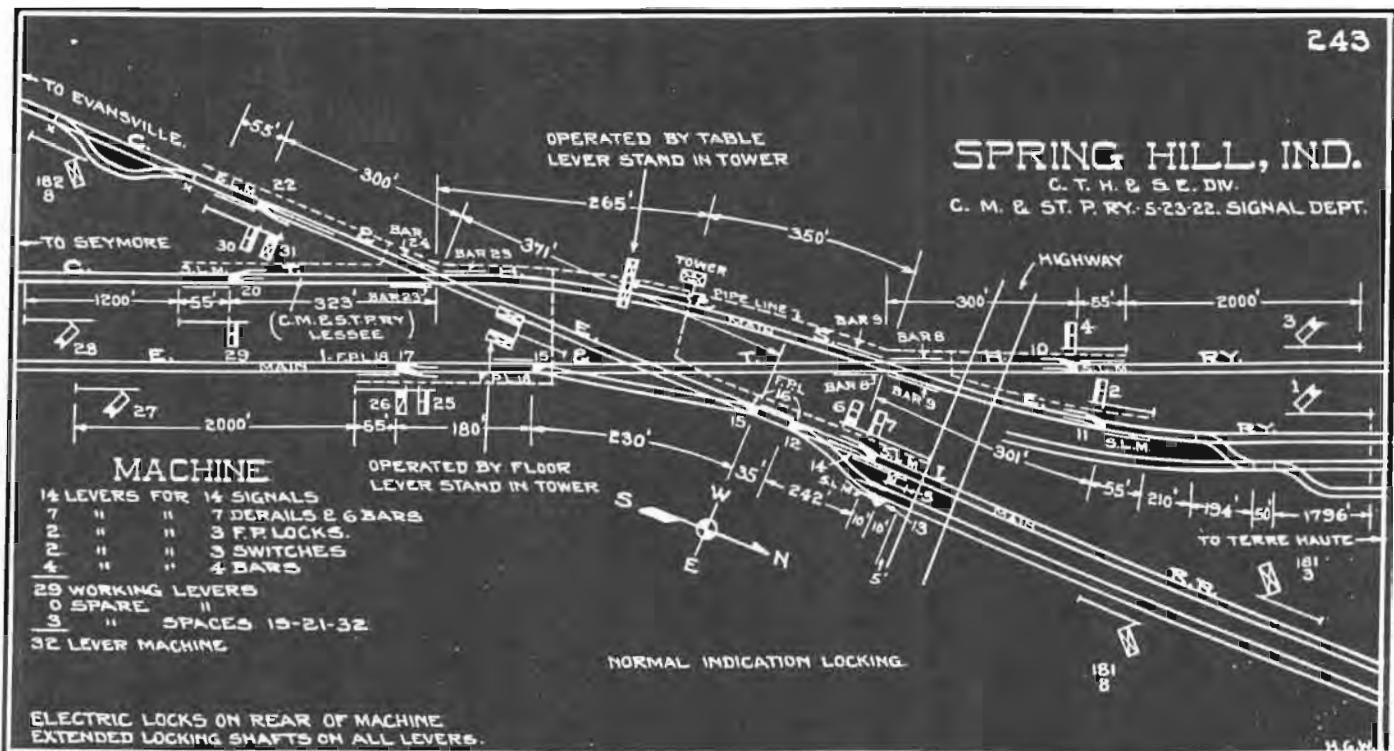
CHANGED TO BE CHARGED AGAINST

REPAIRING:- C.M. & S.T.P. RY.

Road Making Charge.

SEE LETTER GEN'L R.M. CONLEN MARCH 31-1900

REV. 1911



REV. 1922

**SPRING HILL, IND.****C.M. & ST.P.RY. CROSSING E.I. & T.H.RY AND C.&E.I.RY.****DATE OF CONTRACT**

5-11-1900

**AGREEMENT BY CONTRACT****DATE PLANT PUT IN SERVICE**

2-13-1

**DATE OF STATE COM. PERMIT**

**MAINTENANCE** { C. & E.I.RY. 12.50%  
C. M. & ST.P.RY. 87.50%

**PLANT BUILT BY**

U.S. &amp; S. CO.

**OPERATION** { C. & E.I.RY. 15.15%  
C. M. & ST.P.RY. 84.85%

**REPAIRING** ----- C.M. & ST.P.RY.

REV. 1925



SIDNAW - INTERLOCKINGC M & S T P R Y CROSSING D S S & A R Y.

MACHINE
SAXBY & FARMER
8 SIGNAL LEVERS
5 SWITCH LEVERS
3 SPARE SPACES
16 LEVER FRAME

AGREEMENT OF EXPENSES	
MAINTENANCE	OPERATION
C.M. & S T P R Y 100%	C.M. & S T P R Y 100%
INSTALLATION AND OWNERSHIP C.M. & S T P R Y 100%	

CONTRACT
DATE OF
COST OF \$
TOWERS
BUILT BY U.S. & S. Co.
MAINTAINED BY
C.M. & S T P R Y.

PUT IN SERVICE 10-1-93  
DATE OF PERMIT: 8-30-93

AST

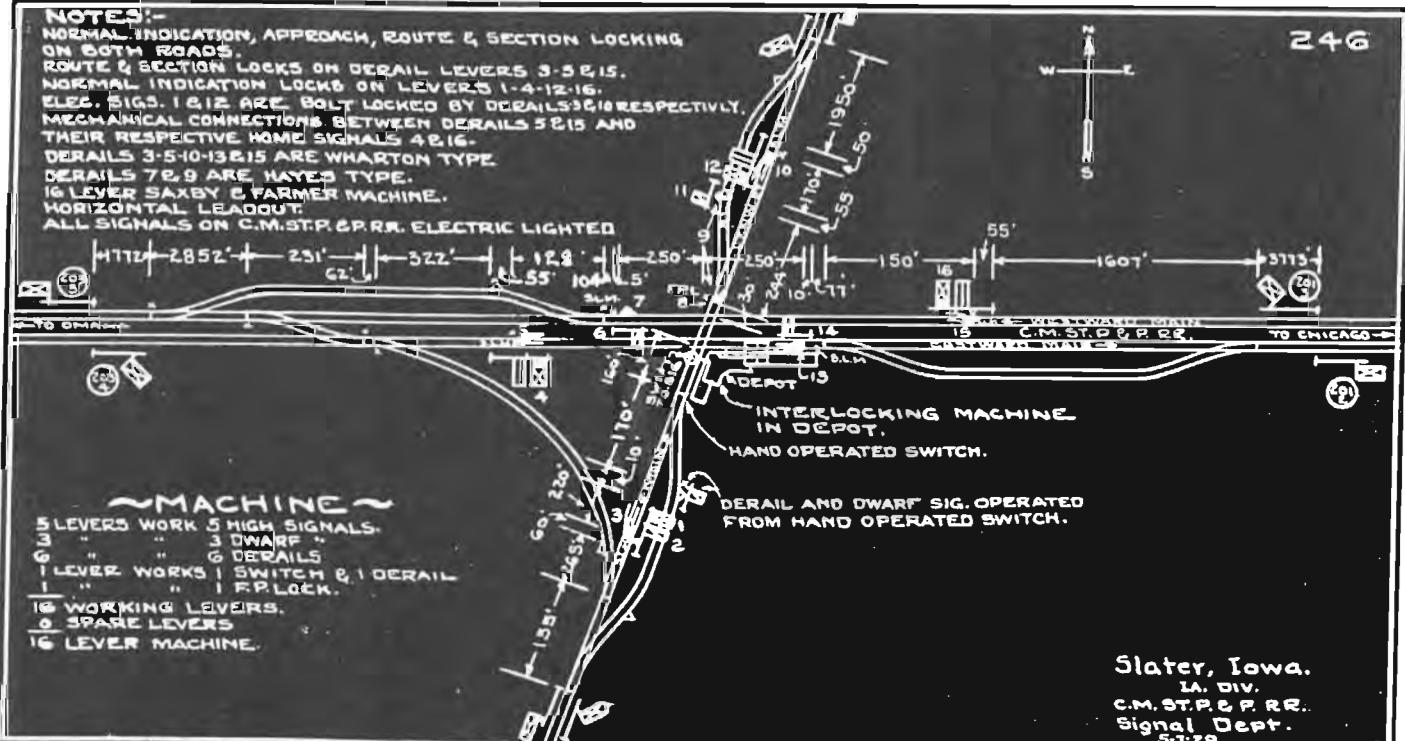
REV. 1911

## NOTES:-

NORMAL INDICATION, APPROACH, ROUTE & SECTION LOCKING  
ON BOTH ROADS.  
ROUTE & SECTION LOCKS ON DERAIL LEVERS 3-5 & 15.  
NORMAL INDICATION LOCKS ON LEVERS 1-4-12-16.  
ELE. SIGS. 1 & 12 ARE BOLT LOCKED BY DERAILS 3 & 16 RESPECTIVELY.  
MECHANICAL CONNECTIONS BETWEEN DERAILS 5 & 15 AND  
THEIR RESPECTIVE HOME SIGNALS 4 & 16.  
DERAILS 3-5-10-13 & 15 ARE WHARTON TYPE.  
DERAILS 7 & 9 ARE HAYES TYPE.  
16 LEVER SAXBY & FARMER MACHINE.  
HORIZONTAL LEADOUT.

ALL SIGNALS ON C.M. S T P R R.R. ELECTRIC LIGHTED

246



Slater, Iowa.  
IA. DIV.  
C.M. S T P R R.R.  
Signal Dept.  
S-T29

REV. 1930

148

246-A

SLATER INTERLOCKING

C. & N. W. CROSSING C.M. ST. P. & P.

DATE OF CONTRACT

JUNE - 1 - 1905

**AGREEMENT BY CONTRACT**

C.M.S.R & R 50%  
C. & N.W. 50%

**DATE PLANT PUT IN SERVICE**

## **INSTALLATION**

FEB-14-1906

AUGUST-22-1925

MAINTENANCE AND OPERATION { C.M.S.T.R. & P. 50%  
C. & N.W. 50%

DATE OF STATE COM. PERMIT:

FEB. 14-1906

AUGUST-23-1929

**BUILT BY C.M.S.T.P. & P.**

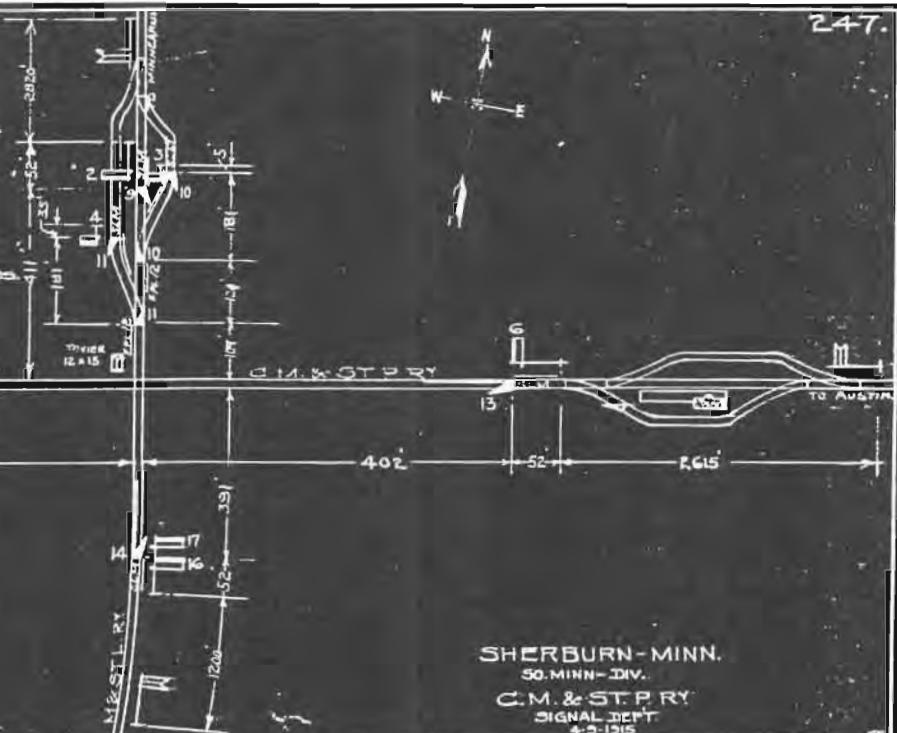
**REBUILT BY G.M. STERLING**

OWNERSHIP      SAME AS MAINTENANCE  
REPAIRING - G.M. ST. REPAIR R.

REV. 1930

MECHANICAL	CHAS P		M&STL		TOTALS	
	LEVERS	UNITS	LEVERS	UNITS	LEVERS	UNITS
HIGH SIGNALS	.2		3	3	5	5
DWARF SIGNALS	0	0	2	2	2	2
SWITCHES		0		2		2
DETAILED	1	2	5	4	6	6
DETECTOR BAMS		2		6		8
TRACK CIRCUITS		7/2		7/2		1
WORKING	3	6 1/2	10	17 1/2	13	24
SAFE SPACES					3	
SAFE LEVERS					4	
TOTAL	3	6 1/2	10	17 1/2	20	24

ELECTRIC LOCKS ON LEVERS 13 & 14.  
ROUTE & SECTION LOCKING ON BOTH



REV. 1916

149

24T-A

# SHERBURN INTERLOCKING CM & ST P RY M & ST L RY

**DATE OF CONTRACT**

AUG-18-1900

**AGREEMENT BY CONTRACT**

#### **DATE PLANT PUT IN SERVICE**

JAN-2-1901

**INSTALLATION — M & S T L R Y 100%  
OWNERSHIP**

**DATE OF STATE COM. PERMIT**

JAN-18-1901

**MAINTENANCE** — M & ST L RY 100%

**PLANT BUILT BY**

**U.S. & S. CO.**

**OPERATION** — M & ST LRY 100%

**REPAIRING** — **CRAFTSMANSHIP**

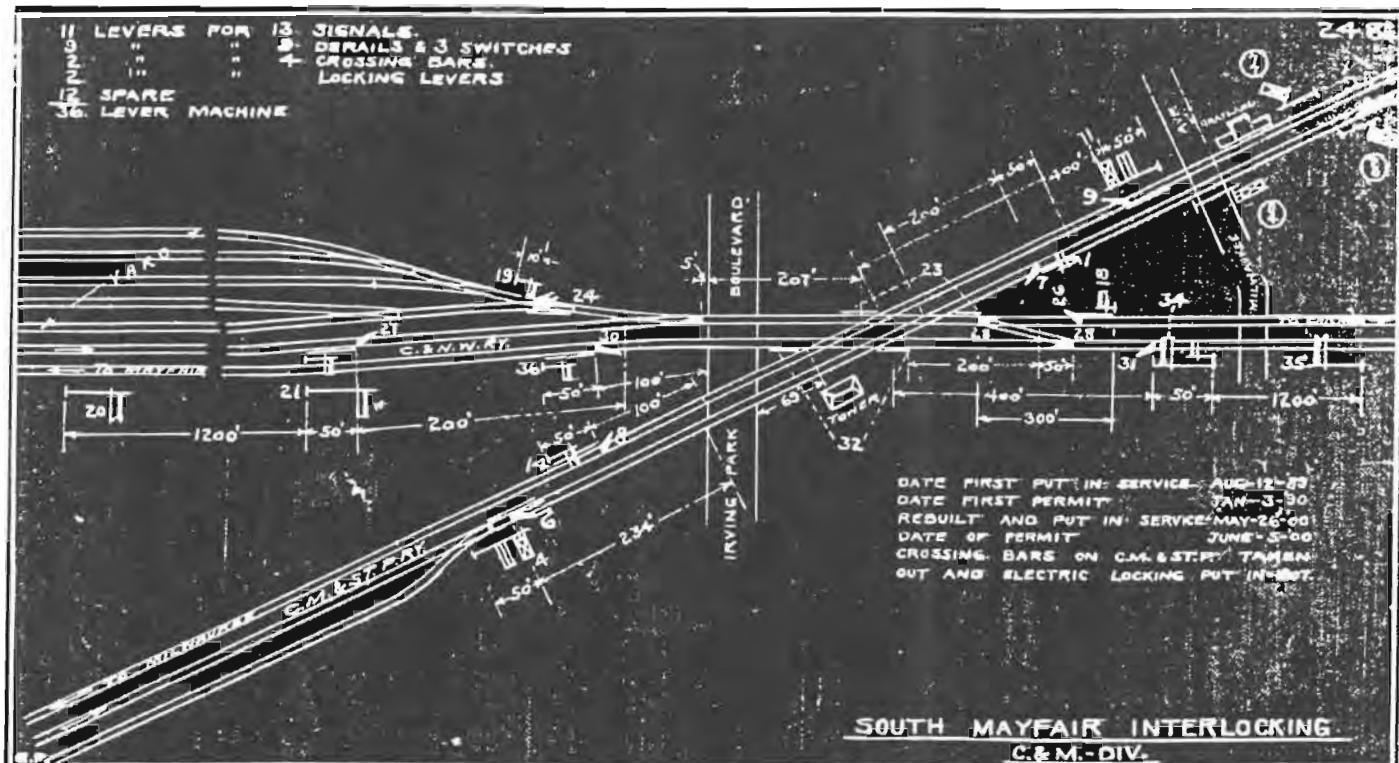
## **REPAIRING**

- CM&ST P RY

## **REPAIRING**

## **REPAIRING — CRAFTSMANSHIP**

REV. 1915



REV. 1917

150

248-A

## SOUTH MAYFAIR INTERLOCKING.

C. M. & STP. RY. CROSSING C. & N. W. RY.

**DATE OF CONTRACT**

AUG. 21. 1899.

**DATE OF PLANT PUT IN SERVICE**

MAY 26, 1900.  
FIRST PUT IN SERVICE AUGUST 1889

DATE OF COM. PERMIT.

JUNE 5, 1900. (SECOND)  
JAN. 3<sup>RD</sup>, 1890 (FIRST)

BUILT BY

**AGREEMENT BY CONTRACT**

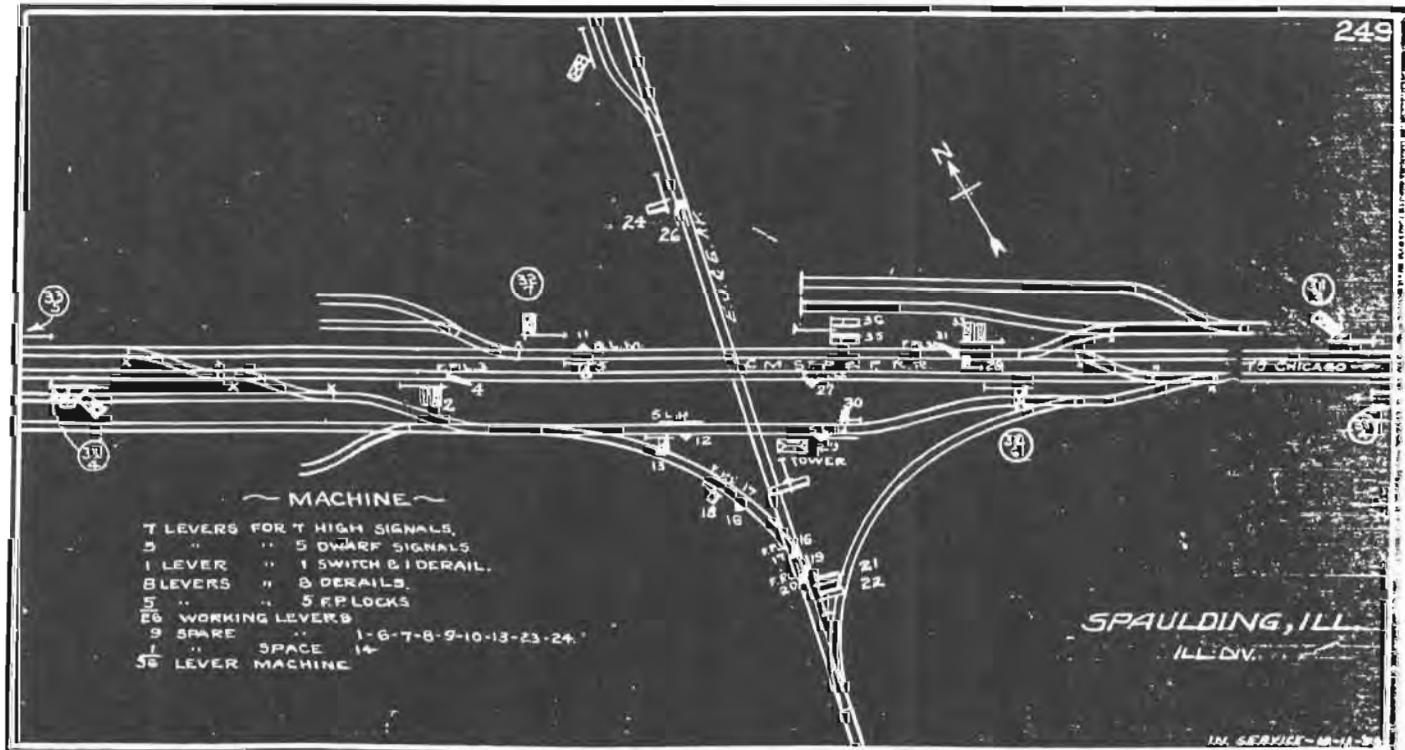
Maintenance { C & N.W. Ry. 48.7%  
C.M. & St.P. Ry. 51.3%

OWNERSHIP    SAME AS MAINTENANCE

OPERATION. { C & N. W. RY. 50%  
C.M & STP. Ry 50%

C.M&STP PAY ANY ADDITIONAL COST ACCOUNT  
TOWERMEN BEING USED AS BLOCK OPERATORS.

REV. 1911



REV. 1929

151

249-9.

## *SPAULDING INTERLOCKING*

C. M. & ST. P. RY. - E. J. & E. RY.

**NOTE:-**

THE G.M.S.T.R.C.P.R.R. MAINTAINS ALL ELECTRICAL APPARATUS IN CONNECTION WITH ITS AUTO-BLOCK SYSTEM THROUGH THE PLANT.

*DATE OF CONTRACT*  
12-30-'08.

**AGREEMENT BY CONTRACT**

*DATE PLANT PUT IN SERVICE*  
10-11-'09.

MAINTENANCE OF } CM.S.T.P.&R-0.0000  
MECHANICAL PLANT } E.J.G.E.-100.00  
EFFECTIVE APRIL 20, 1974

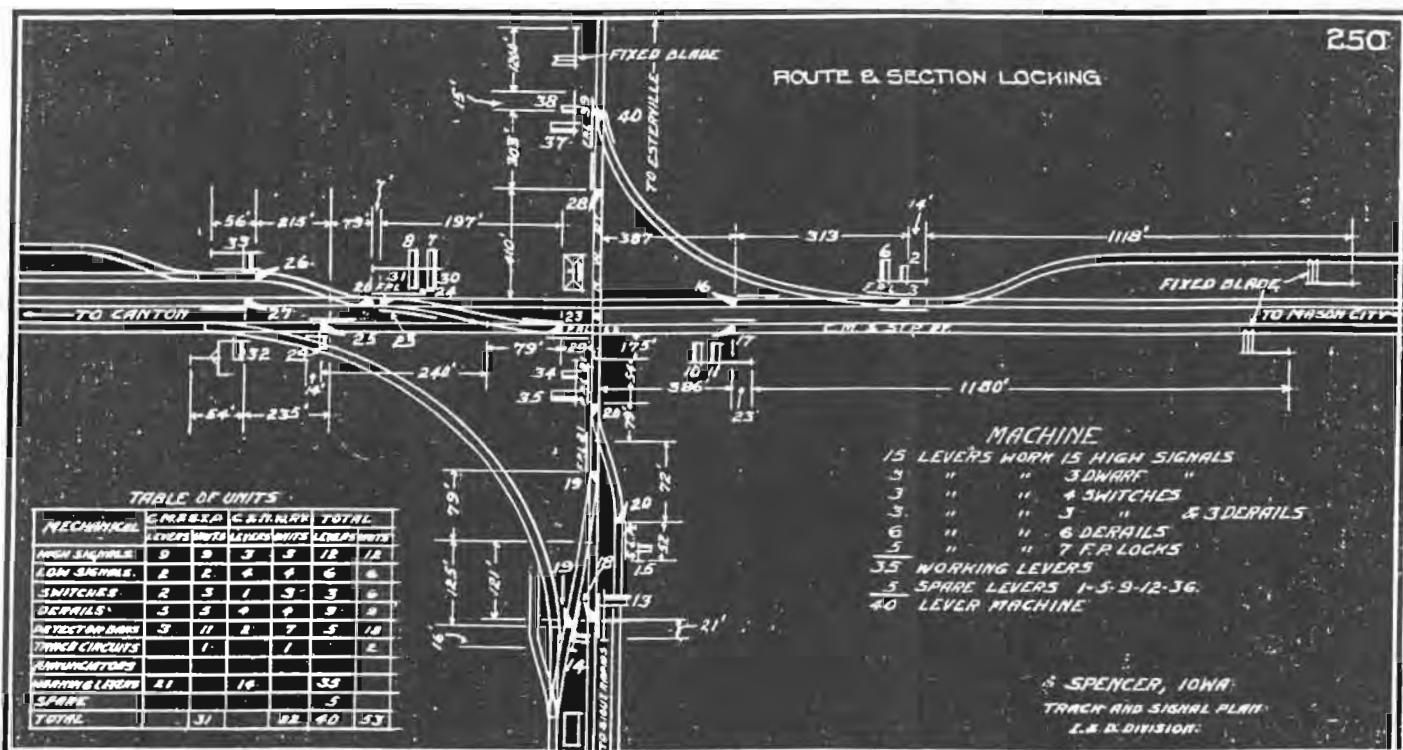
**DATE OF STATE COM. PERMIT**

**OPERATION -** { C.M.S.T.P.C.P. - 20 %  
{ E.J. & E. - 80 %

*BUILT BY - E.J. & E.R.Y.*

**REPAIRING - E.J. & E.R.Y.**

Rev. 1929



REV. 1917

# SPENCER INTERLOCKING.

M. & STL.R.R. CROSSING C.M. & STRY.

DATE OF CONTRACT

7-18-00

DATE PLANT PUT IN SERVICE

DEC. 31-1900

DATE OF STATE COM. PERMIT

JANUARY-1861

BUILT BY U.S. & S. CO.

COST COMPLETED

AGREEMENT BY CONTRACT

OWNERSHIP  
AND  
MAINTENANCE

M. & STL.RY. 100%

OPERATION  
&  
SUPPLIES

M. & STL. RY. 100%

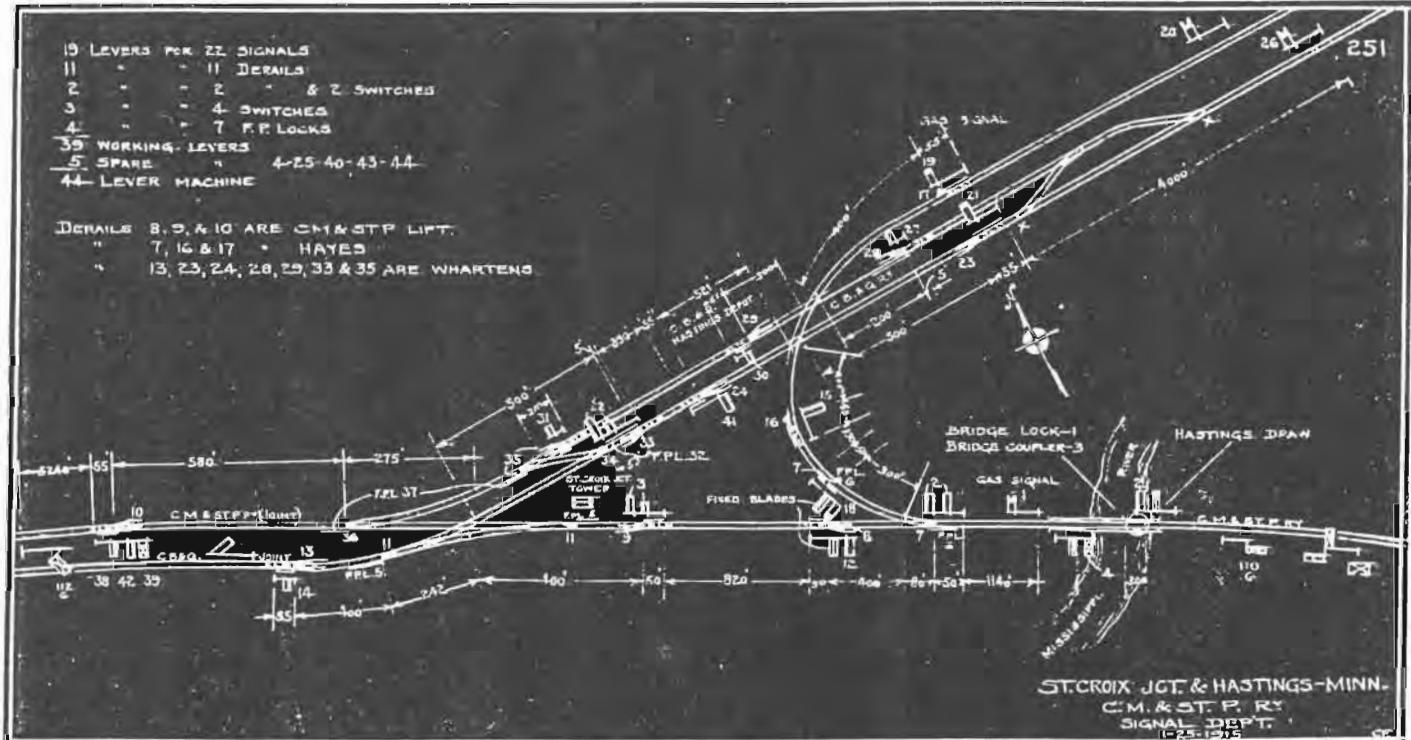
REPAIRING C.M. & STRY.

INSTALLATION M. & STL.RY. 100%

REV. 1911

19 LEVERS FOR 22 SIGNALS  
 11 - - - DERAILS  
 2 - - 2 " & 2 SWITCHES  
 3 - - 4 SWITCHES  
 4 - - 7 F.F. Locks  
 35 WORKING LEVERS  
 5 SPARE " 4-25-40-43-44  
 44 LEVER MACHINE

DERAILS 8, 9, & 10 ARE C.M. & STR. LIFT.  
 " 7, 16 & 17 " HAYES  
 " 13, 23, 24, 28, 29, 33 & 35 ARE WHARTENG



REV. 1915

## ST. CROIX JCT.-HASTINGS INTERLOCKING.

CM &amp; ST P RY CROSSING CB &amp; Q RY

## DATE OF CONTRACT

3-2-1899

## AGREEMENT BY CONTRACT

## DATE PLANT PUT IN SERVICE

1<sup>st</sup> 4-5-19002<sup>nd</sup> 3-1-1904

## INSTALLATION OWNERSHIP

$$\begin{cases} \text{CM & STP} & 50\% \\ \text{CB & Q} & 50\% \end{cases}$$

## DATE OF STATE COM. PERMIT

1<sup>st</sup> 4-5-19002<sup>nd</sup> 3-1-1900

## MAINTENANCE

$$\begin{cases} \text{CM & STP} & 42.5\% \\ \text{CB & Q} & 57.5\% \end{cases}$$

## PLANT BUILT BY

STANDARD SIGNAL CO.  
REBUILT BY C.M. & ST.P.R.Y.

## OPERATION

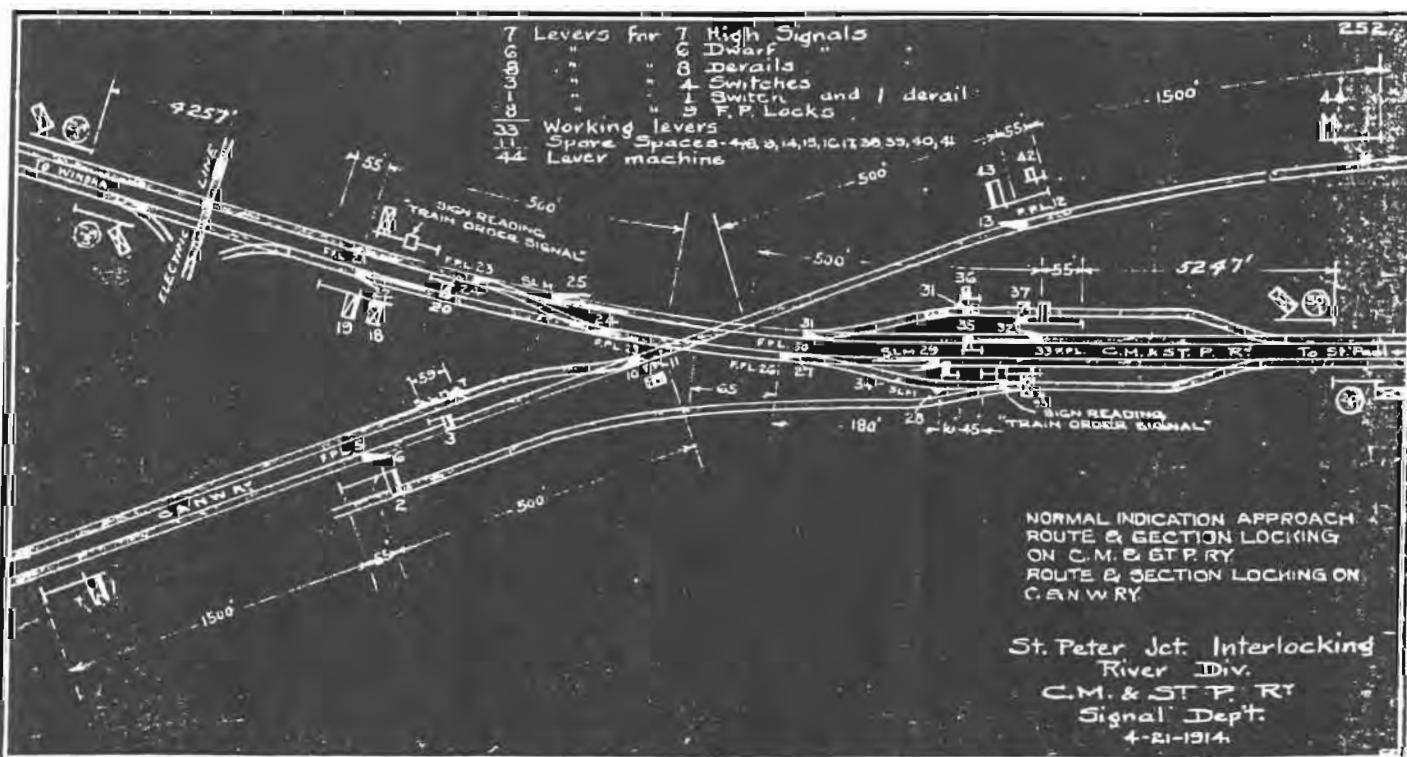
$$\begin{cases} \text{CM & STP} & 50\% \\ \text{CB & Q} & 50\% \end{cases}$$

## REPAIRING

$$\begin{cases} \text{CM & STP} & \\ \text{CB & Q} & \end{cases}$$

I-26-1115-cr

REV. 1915



REV. 1926

ST. PETER JCT. INTERLOCKING.  
C.M. & ST.P. RY CROSSING C. & N.W. RY

DATE OF CONTRACT  
7-25-1892

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
11-14-92  
3-15-11

INSTALLATION

DATE OF STATE COM. PERMIT.  
11-11-92

MAINTENANCE  $\begin{cases} \text{C & N.W. RY } 22.4\% \\ \text{C.M. & ST.P. } 77.58\% \end{cases}$

BUILT BY - U.S. E&S CO.  
REBUILT BY - C&N.W.RY.  
& PUT IN SERVICE 3-15-11

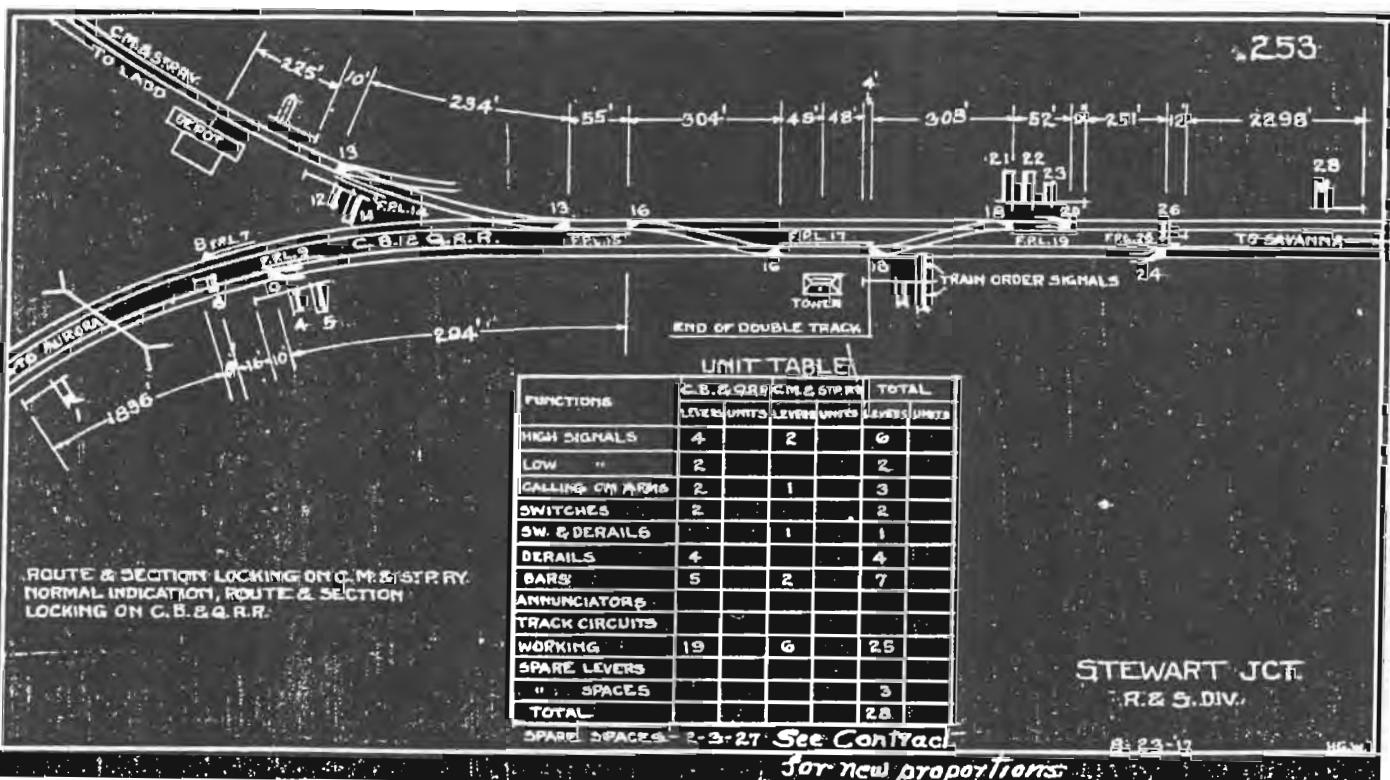
OPERATION  $\begin{cases} \text{C & N.W. RY } 50\% \\ \text{C.M. & ST.P. } 50\% \end{cases}$

NOTE:- C&N.W.RY. ALLOWS CREDIT OF \$1.17  
EACH MONTH TO C.M.&ST.P.RY. IN JOINT BILLS  
AS ITS PROPORTION OF THE COST OF  
ELECTRIC LIGHTING AT THE PLANT AS  
FURNISHED BY THE C.M. & ST.P.RY.

OWNERSHIP — SAME AS MAINTENANCE

REPAIRING — C. & N.W. RY

REV. 1926



253-A

STEWARD JCT. INTERLOCKING.JUNCTION OF C.B.&Q.RY. & ROCHELLE & SOUTHERN RY.DATE BY CONTRACT

{ORIGINAL -

{SUPPLEMENTARY - FEB-20-07

DATE PLANT PUT IN SERVICE

{ORIGINAL - 4-21-04

{ADDITIONAL - T-18-07

DATE OF STATE COM. PERMIT

{ORIGINAL - 4-26-04

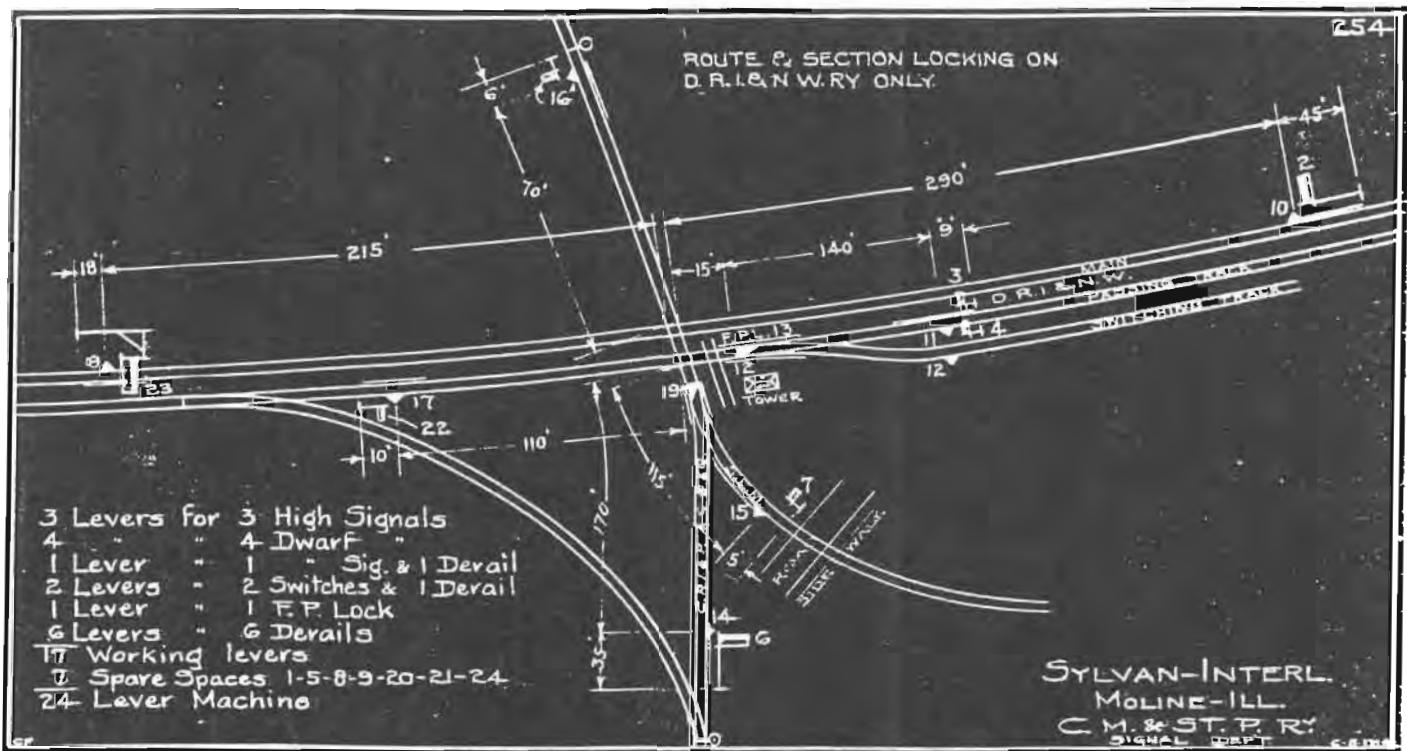
{ADDITIONAL T-18-07

BUILT BY U.S. & S. CO.SUPPLEMENTARY AGREEMENT DATED{ORIGINAL PLANT  
C.M. & ST.P. 100%  
ADDITION TO PLANT BY  
C.B. & Q.R.Y. 100%  
5/35 OY4429%  
C.M. & ST.P.  
C.B. & Q.R.Y.  
30/35-04 85-717INSTALLATIONMAINTENANCE OPERATION SUPPLIESOWNERSHIP

SAME AS MAINTENANCE

REPAIRING - C.B. & Q.R.Y.6842  
2-3-2

REV. 1911



REV. 1917

254-A

## SYLVAN INTERLOCKING

C.M. &amp; ST. P. RY CROSSING D.R.I. &amp; N.W. RY

DATE OF CONTRACT  
JUNE - 9-1899

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
JULY - 31-1906

INSTALLATION } OWNERSHIP } D.R.I. &amp; W. 100%

DATE OF STATE COM. PERMIT  
OCT - 2-1906

MAINTENANCE - D.R.I. &amp; N.W. 100%

BUILT BY

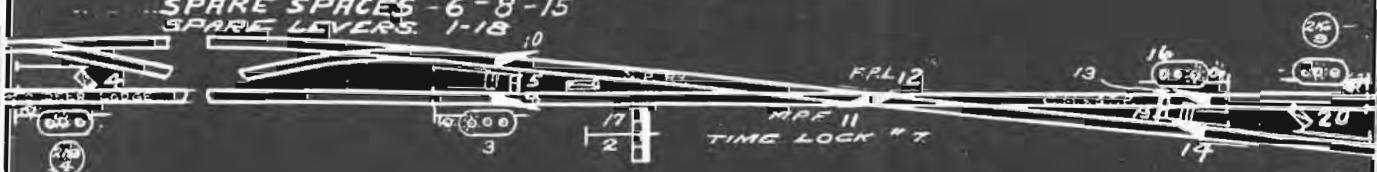
OPERATION -  $\begin{cases} C.B \& Q RY - \frac{1}{3} \\ D.R.I. \& N.W. - \frac{1}{3} \\ C.R.I. \& F - \frac{1}{3} \end{cases}$ 

REPAIRING - C.M. &amp; ST. P. RY

REV. 1914

255.

MECHANICAL	CHESTER	NP	TOTALS
HIGH SIGNALS	4	4	8
TIME RELEASE		1	1
DERAIL SWITCHES	2	2	4
F.P. LOCKS	1		1
M.P. FROGS	1		1
WORKING LEVERS	6	2	15
SPARE LEVERS & SPACES			5
LEVER FRAME			20
UNITS	10	12½	22½

SPARE SPACES - 6-8-15  
SPARE LEVERS 1-18

## SINCLAIR INTERLOCKING

NORMAL INDICATION, TIME, AND ROUTE LOCKING  
ON M.P.R.F.  
APPROACH ROUTER AND SECTION LOCKING ON  
C.M. & ST. P. RY

P.C. EXTENSION

REV. 1917

255-A.

SINCLAIR INTERLOCKINGC.M.&PS - N.P.R.Y.DATE OF CONTRACT

12-27-00.

AGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICE

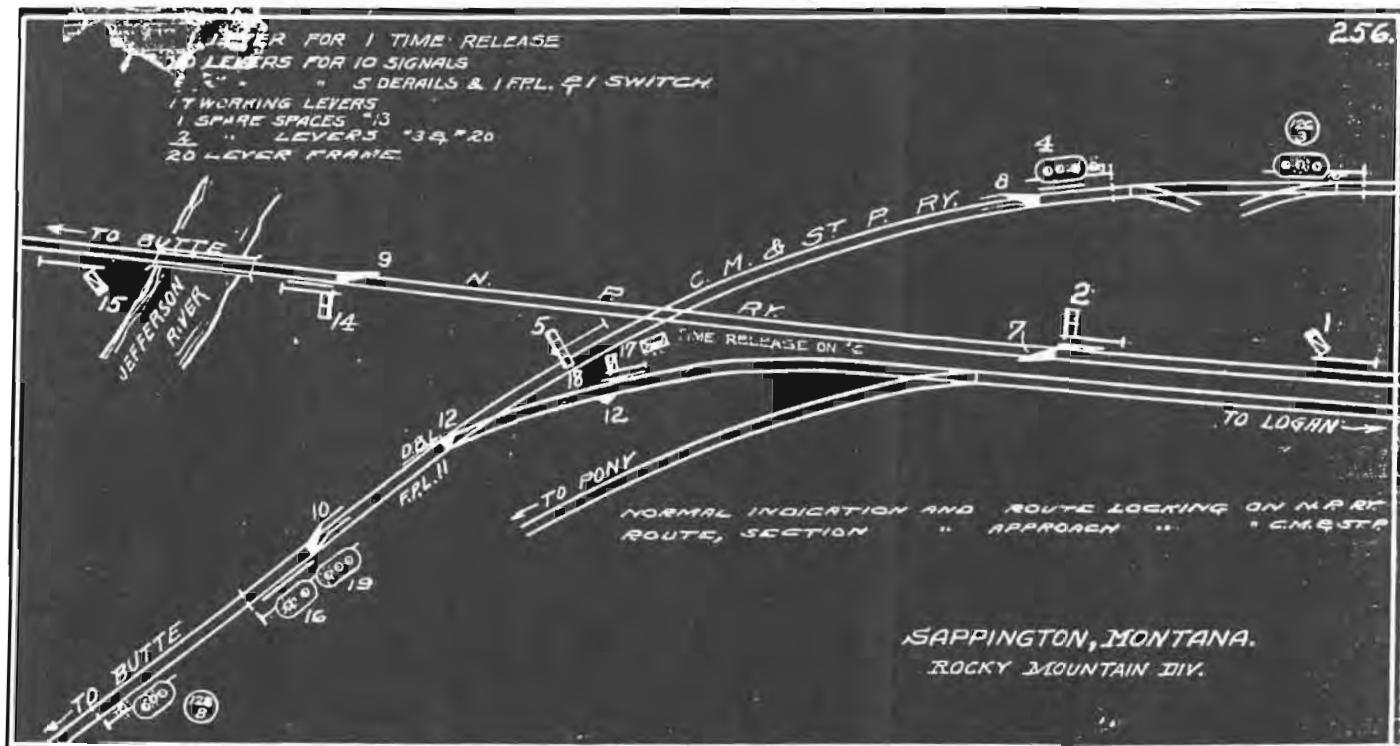
7-1-09.

Revised 12-10-15

INSTALLATION C.M.&PS 100%DATE OF STATE COM. PERMITMAINTENANCEANDC.M.&PS 100%OPERATIONOWNERSHIP SAME AS MAINTENANCEREPAIRING - C.M.&PS 100%

REV. 1911

256.



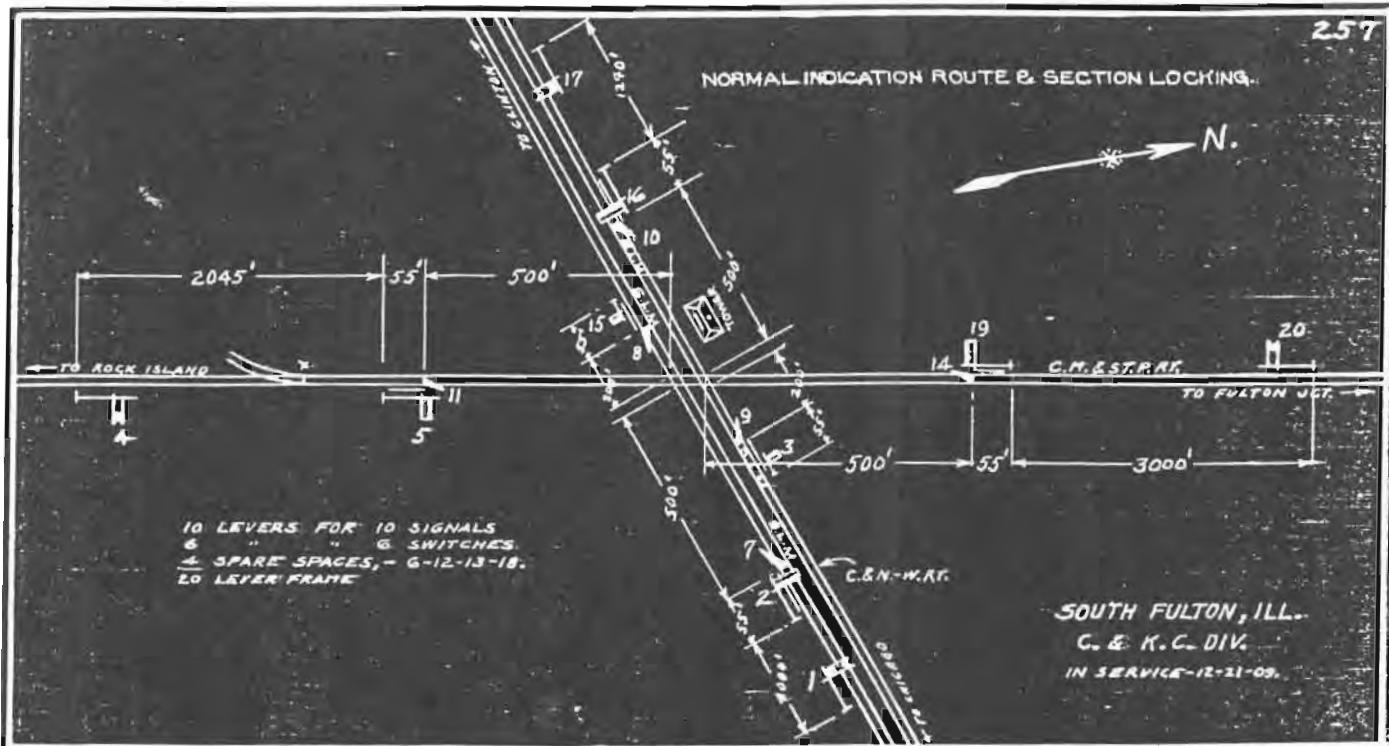
REV. 1917

256-A

SAPPINGTON INTRL.C.M.&P.S.RY.-N.P.RY.DATE OF CONTRACT  
11-13-07.AGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICE  
9-24-'08.  
Revised 12-12-15INSTALLATION — C.M.&P.S. 100%DATE OF STATE COM. PERMIT  
3-5-'08.MAINTENANCE — C.M. & P.S. 100%BUILT BY — C.M. & S.P.R.Y.OPERATION — C.M. & P.S. 100%OWNERSHIP — SAME AS MAINTENANCEREPAIRING — C.M. & P.S. R.Y.

REV. 1911

257



REV. 1917

257-A.

## SOUTH FULTON INTERLOCKING

C.M. &amp; ST.P.RY CROSSING C.&amp;N.-W.RY.

DATE OF CONTRACT

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE

INSTALLATION - C.&amp;N.W. 100%

12-21-09.

DATE OF STATE COM. PERMIT.

MAINTENANCE - C&amp;N.W. 100%

12-21-09

BUILT BY -

OPERATION - C&amp;N.W. 100%

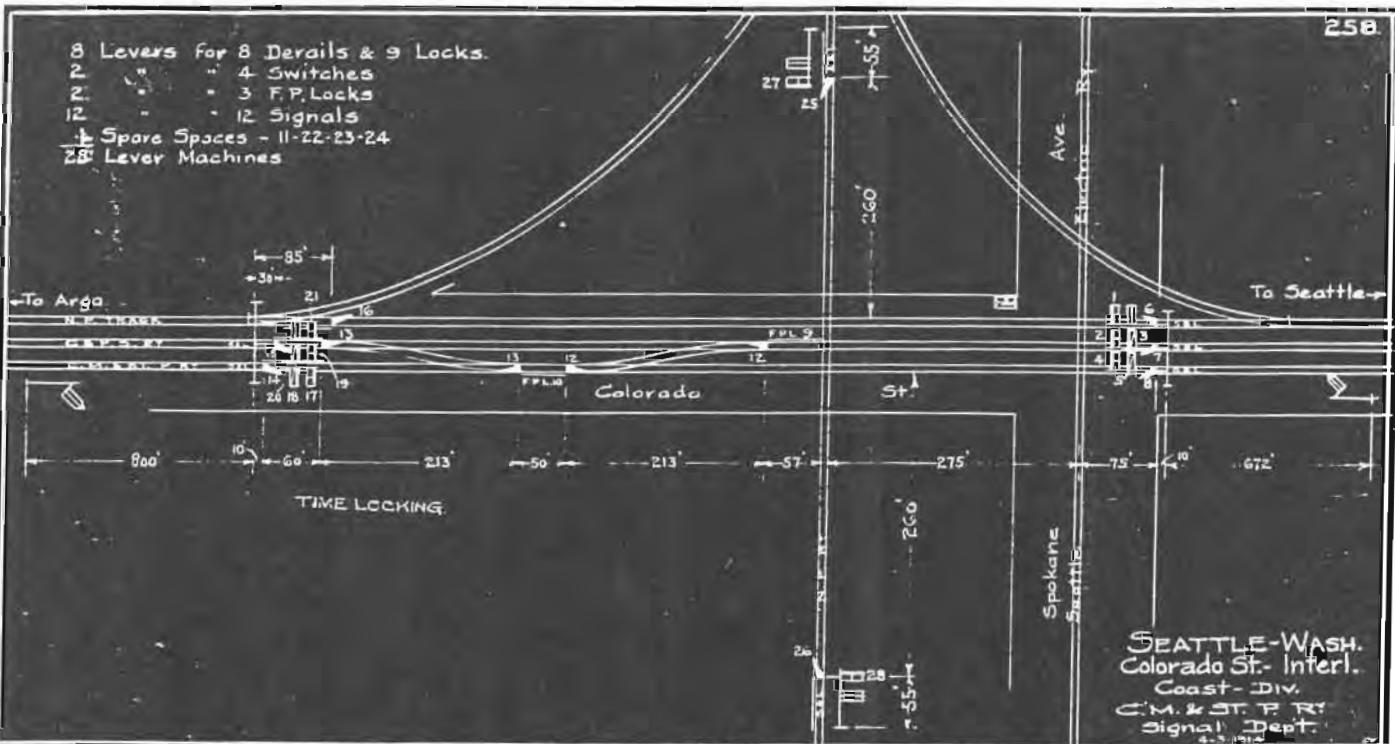
OWNERSHIP - C&amp;N.W. 100%

REPAIRING - C&amp;N.W. RY.

REV. 1909

258.

8 Levers for 8 Derails & 9 Locks.  
 2 " 4 Switches  
 2 " 3 F.P. Locks  
 12 " 12 Signals  
 1 Spare Spaces - 11-22-23-24  
 28 Lever Machines



REV. 1914

# Colorado St. Interl - Seattle-Wash.

C.M. & ST. P. RY CROSSING N. P. RY AND C. & P.S. RY

Date of contract

12-31-10  
10-1-13

Date plant put in service

Feb-8-1914.

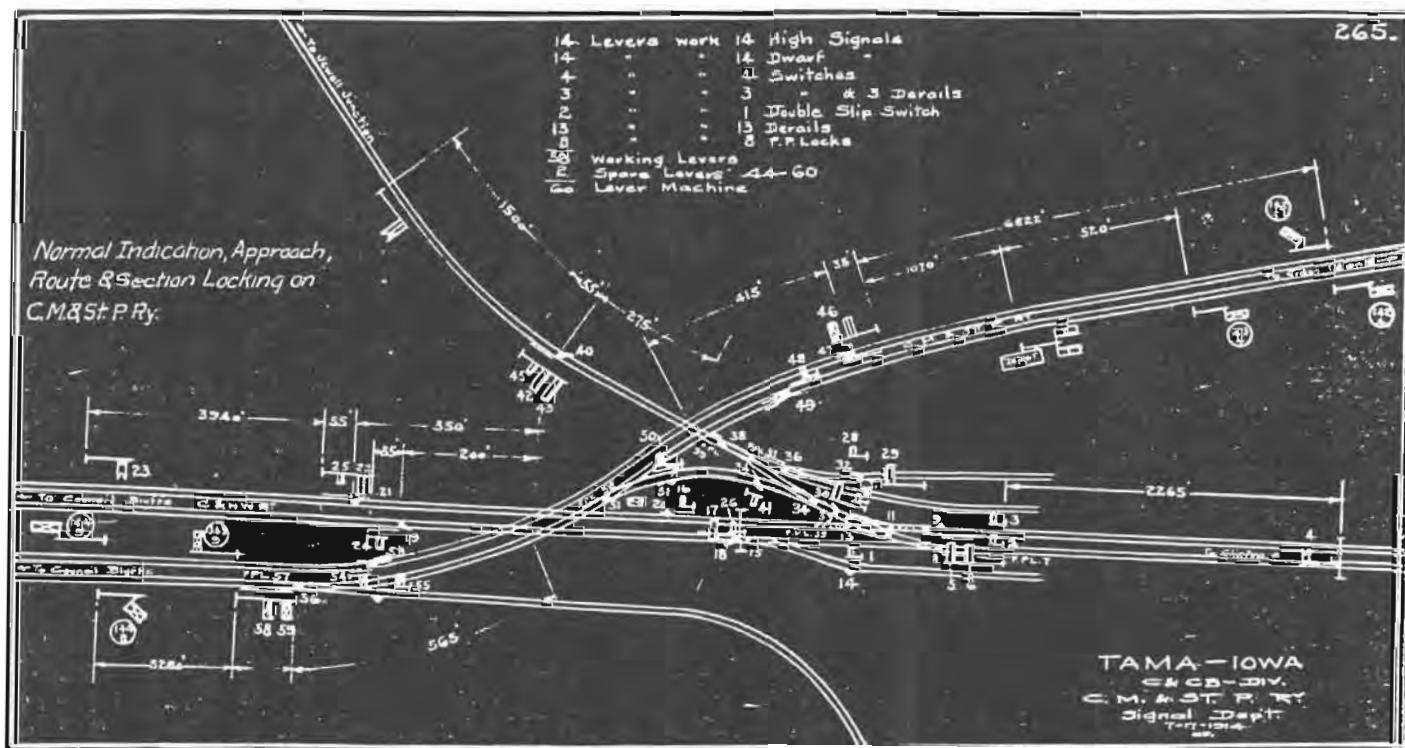
Date of state com. permit

Built by - N.P.Ry.

Agreement by contract

Installation	C.M. & ST. P.
	N. P. RY 100%
Maintenance	C. & P.S.
	C.M. & ST. P.
Operation	C. & P.S.
	N. P. RY 100%
Ownership	C. & P.S. 1/2 Levers & Waves
	C.M. & ST. P. 1/2 "
Repairing	N.P. RY 100%
	N.P.

REV. 1915



REV. 1917

TAMA INTERLOCKINGC.M. & ST.P.RY CROSSING C.&N.W.RYDATE OF CONTRACT

ORIG. PLANT - 4-7-1899

ENLARGEMENT -

ENLARGEMENT { C. & N.W. 77.6%  
1907 C.M. & ST.P. 22.4%DATE PLANT PUT IN SERVICE

ORIG. PLANT FEB-23-1900

ENLARGEMENT SEPT- 6-1907

OPERATORS WAGES { C.&N.W. 79.6%  
C.M.&ST.P. 20.4%DATE OF STATE COM. PERMIT

ORIG. PLANT. FEB - 28-1900

ENLARGEMENT SEPT - 6-1907

R.R. 15.5.160 - DEPOT 10-1913

20-1922

MAINTENANCE { C.&N.W.RY 33.3%  
C.M.&ST.P.RY 26.7%BUILT BY U.S. & S. CO.

REBUILT '07 BY C.N.W.RY.

OTHER OPERATION CHARGES { C.&N.W. 13.3%  
C.M.&ST.P. 26.7%

C.F.

OWNERSHIP SAME AS MAINTENANCE

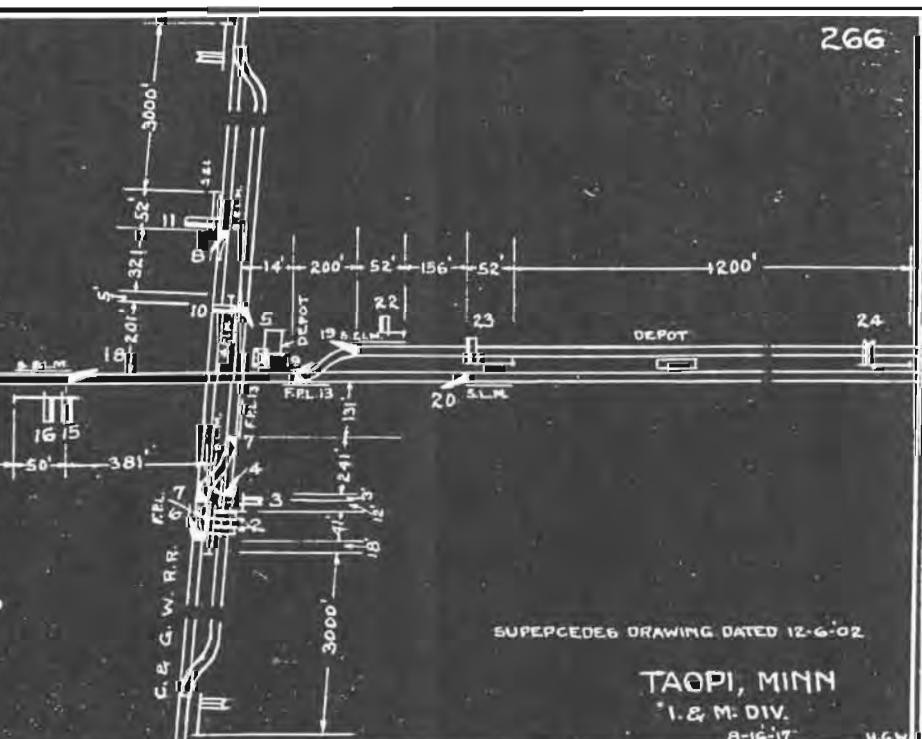
REPAIRING C.&N.W.RY.

REV. 1922

UNIT TABLE

FUNCTIONS	C&G.W.		TOTAL
	LOWER UNITS	UPPER UNITS	
MAN. SIGNALS	2	5	7
LOW "	2	1	3
SWITCHES	1		1
SW. & DERAILS	1	1	
DERAILS	4	2	6
FPL.	1/2	1/2	1
WORKING.	9/2	9/2	18
SPARE LEVERS			
" SPACES		5	
TOTAL			24

SPARE SPACES-1-9-12-17-21



REV. 1917

# TAOPI INTERLOCKING.

C. & G.W.R.Y. CROSSING C. M. & S.T.P. RY.

DATE OF CONTRACT

DATE PLANT PUT IN SERVICE

5-28-01.

ENLARGED AND PUT IN SERVICE

11-28-02.

DATE OF STATE COM. PERMIT.

5-28-01.

DATE OF SECOND PERMIT.

11-28-02.

BUILT BY C.G.W.R.Y.

AGREEMENT BY CONTRACT

MAINTENANCE.

C. G. W. RY 50%  
C. M. & S.T.P. RY 50%

OPERATION.

C. G. W. RY 50%  
C. M. & S.T.P. RY 50%

OWNERSHIP

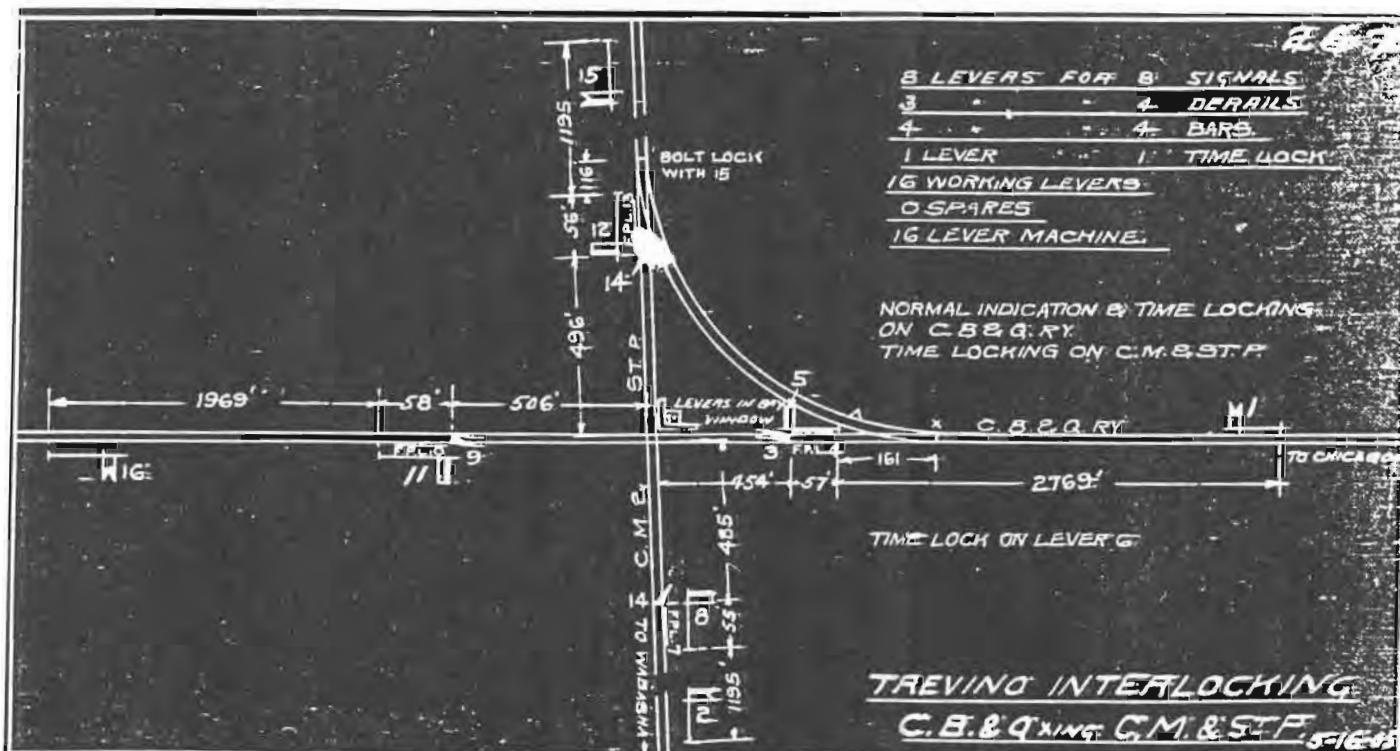
SAME AS MAINTENANCE

REPAIRING

C. G. W. RY

INSPECTION AT JOINT CHARGE

REV. 1911



REV. 1917

267A

# TREVINO INTERLOCKING

C.B. & Q RY CROSSING C.M. & ST. RY.

DATE OF CONTRACT 2-8-04  
PLANT PUT IN SERVICE 10-16-03  
STATE COM. PERMIT GIVEN 10-16-03

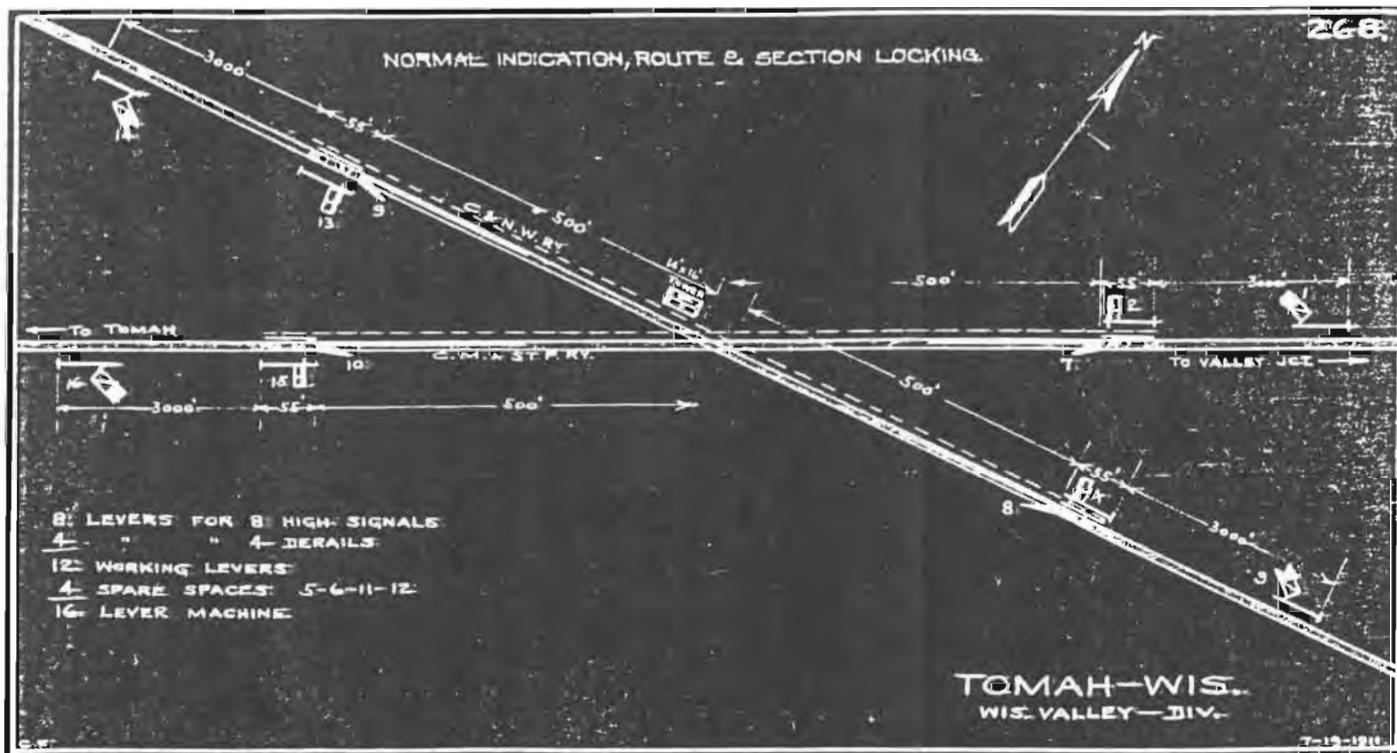
AGREEMENT BY CONTRACTOR  
INSTALLATION C.B. & Q 100%  
MAINT. & OPER C.B. & Q 100%  
C.M. & ST. RY. TO FURNISH ITS OWN PERMITS  
AND TIES.  
OWNERSHIP C.B. & Q 100%

REPAIRING - C.B. & Q

SF-16-6

REV. 1905

268



REV. 1917

## TOMAH - INTERLOCKING

C.M. &amp; ST. P. RY CROSSING M. S. &amp; N.W. RY

DATE OF CONTRACT  
APRIL - 15 - 1910

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE

INSTALLATION - M. S. &amp; N.W. 100%

DATE OF STATE COM. PERMIT

MAINTENANCE - M. S. &amp; N.W. 100%

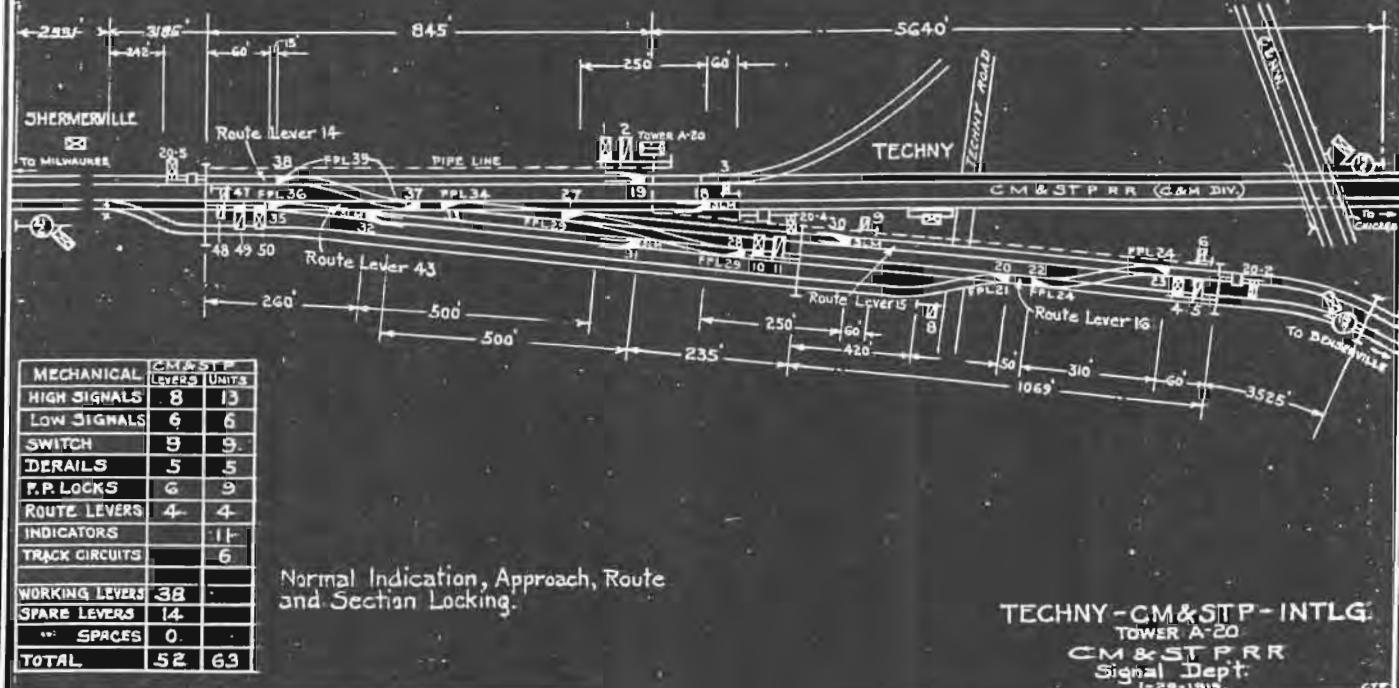
BUILT BY

OPERATION - M. S. &amp; N.W. 100%

OWNERSHIP - M. S. &amp; N.W. 100%

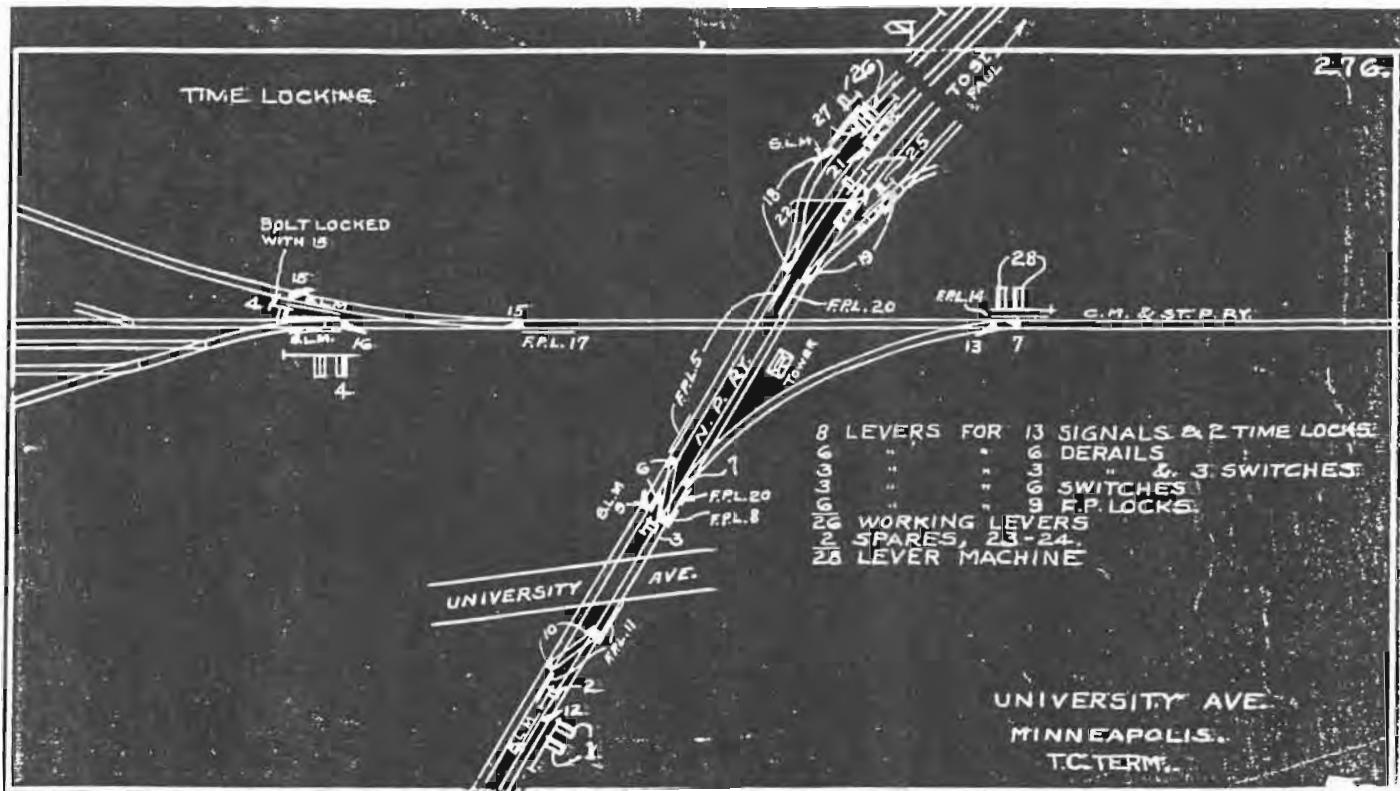
REPAIRING - M. S. &amp; N.W.

REV. 1911



REV. 1920

165



REV. 1917

**UNIVERSITY AVE. INTERLOCKING.**

C. M. & ST P. Ry crossing N. P. Ry.

**DATE OF CONTRACT.**

*AGREEMENT BY CONTRACTOR*

DATE PLANT PUT IN SERVICE

J-2-'97

*INSTALLATIONS NOT PAC BY 122Z*

*DATE OF STATE COM. PERMIT*

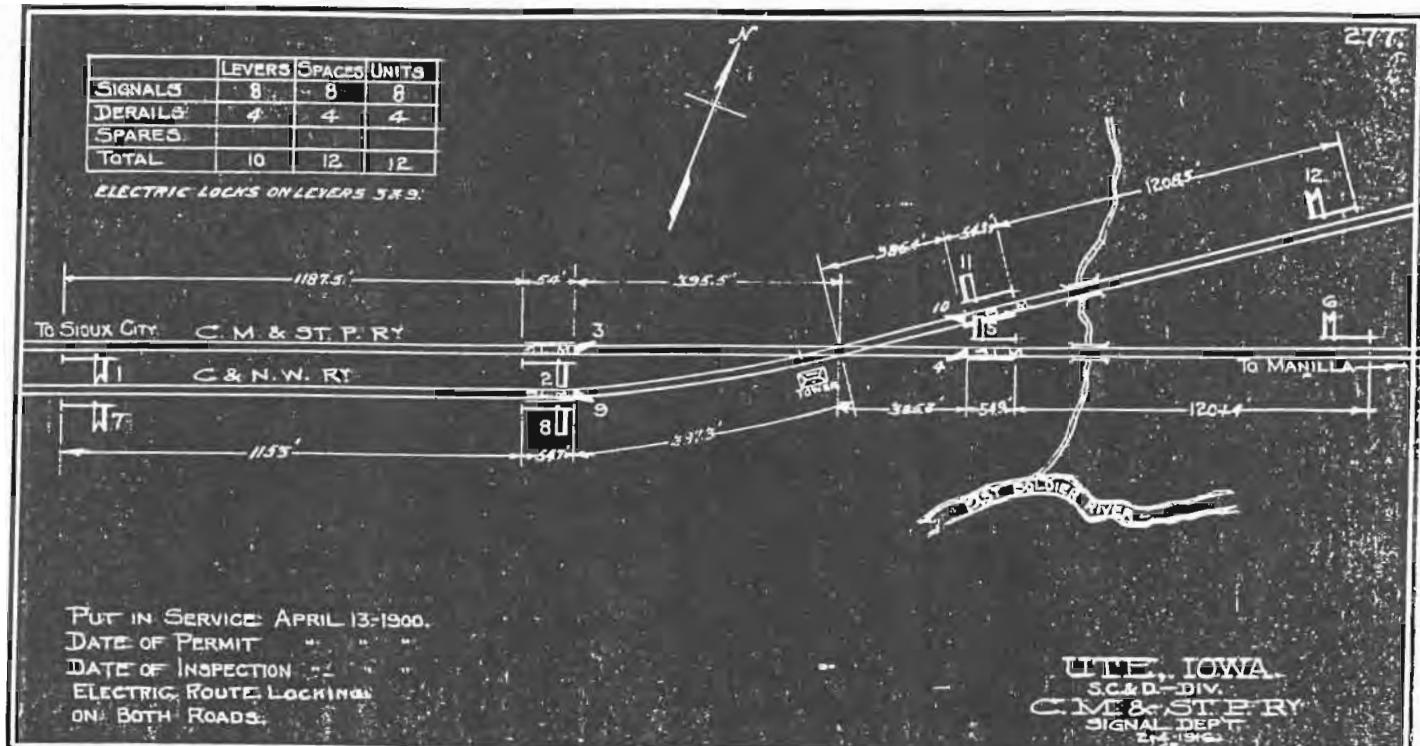
MAINTENANCE { OPERATION AND NOR. PAC. RY. 100%

*BUILT BY*

OWNERSHIP NOR. PAC. RY. 100%  
REPAIRING NOR. PAC. RY.

REV. 1911

166



REV. 1917

272A

## UTE, IOWA INTERLOCKING.

C. M. & ST. P. RY. CROSSING C. & N. W. RY.

DATE OF CONTRACT,

APRIL 6, 1899.

AGREEMENT BY CONTRACT

DATE OF PLANT PUT IN SERVICE,

APRIL 13, 1900.

OWNERSHIP  
Maintenance  
AND  
OPERATION

C. M. & ST. P. RY. 33 1/3 %  
C. & N. W. RY. 66 2/3 %

DATE OF COM. PERMIT,

APRIL 13, 1900.

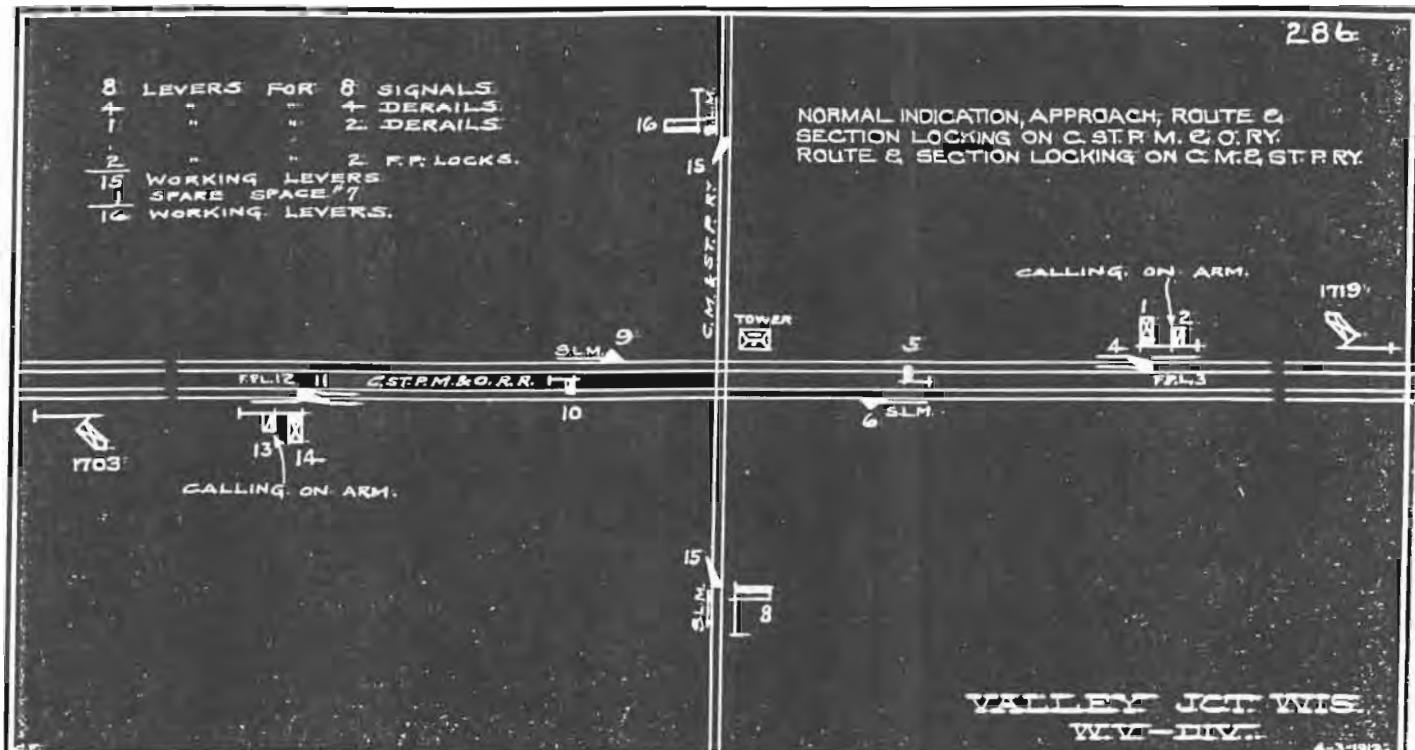
RE-ISSUED 9-10-1915

BUILT BY — U.S. & S. CO.

REPAIRING — C. & N.W.R.Y.

DERAILS & TIES PAID FOR BY C. & N.W.R.Y.

REV. 1911



REV. 1912

## VALLEY JCT- WIS. INTERLOCKING.

C.M. &amp; ST. P. RY XING C.S.T.P.M. &amp; O. RY

DATE OF CONTRACT  
AUG-4-1899

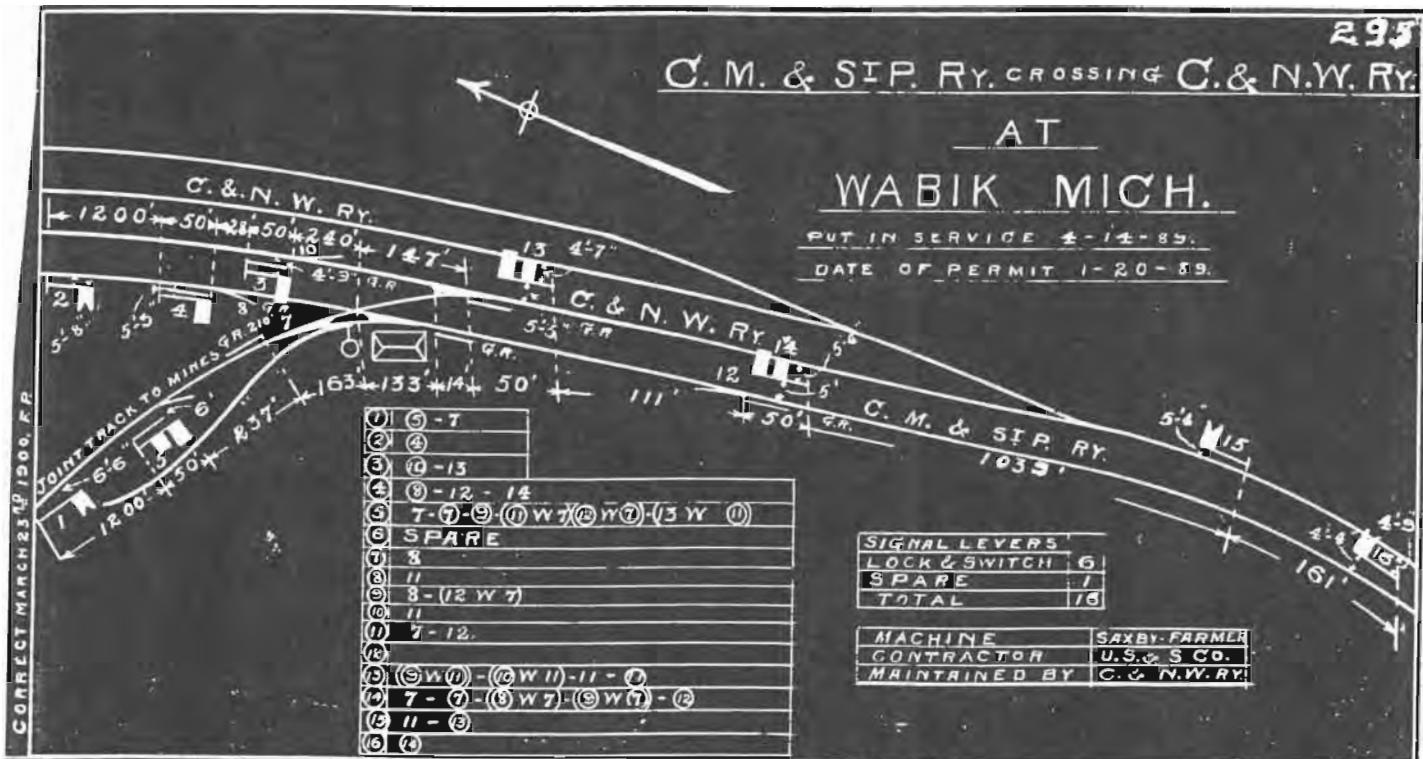
## AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
NOV. 2. 1899  
FEB. 12 1912.INSTALLATION  $\begin{cases} \text{C.M. & S.T.P.} & 50\% \\ \text{C.S.T.P.M. & O.} & 50\% \end{cases}$ DATE OF STATE COM. PERMIT  
AUG. 30-1899  
FEB. 1912.MAINTENANCE  $\begin{cases} \text{C.M. & S.T.P.} & 20\% \\ \text{C.S.T.P.M. & O.} & 80\% \end{cases}$   
AND  
OPERATIONBUILT BY— U.S. & S. CO.  
REBUILT FEB. 1912  
BY. G.R.S. CO.

OWNERSHIP SAME AS MAINTENANCE

REPAIRING— C.S.T.P.M. &amp; O. RY

REV. 1912



WABIK — INTERLOCKING

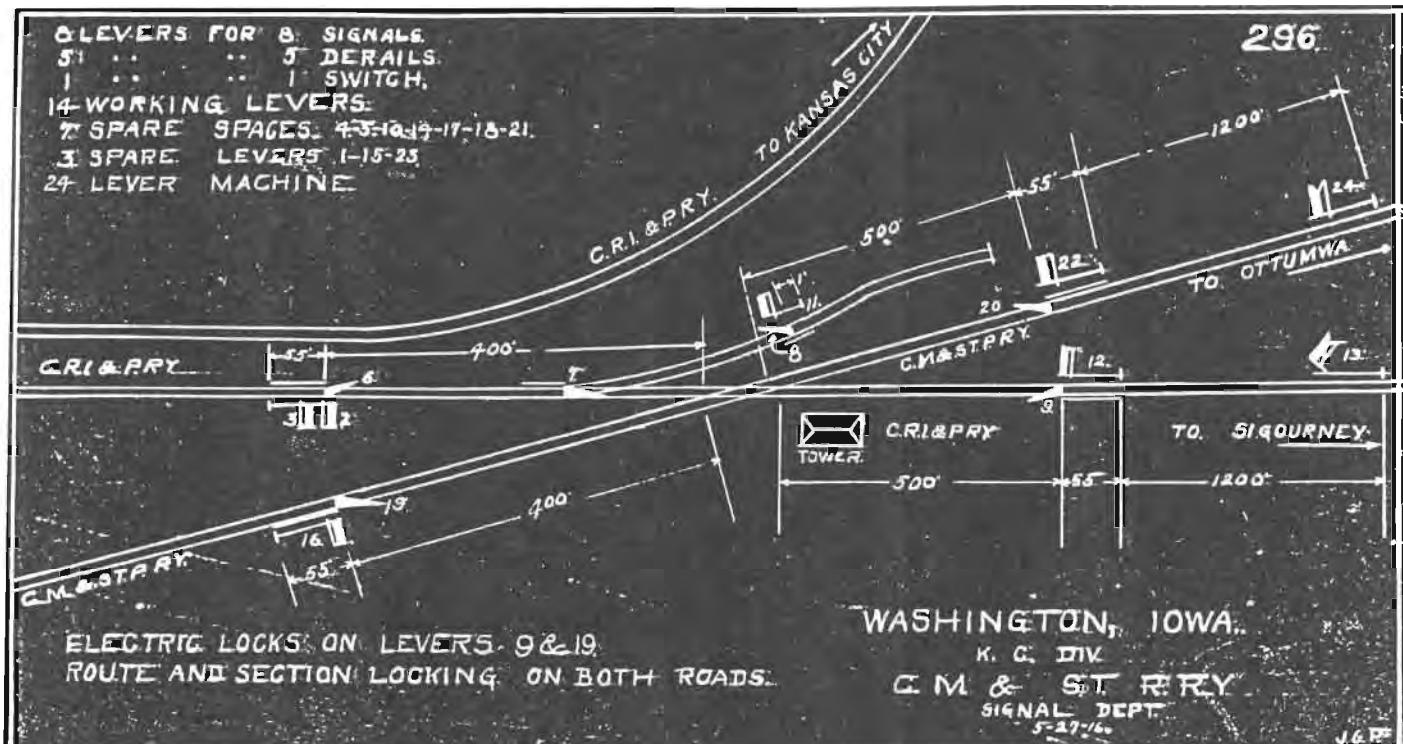
C. & N.W. RY. CROSSING C. M. & S.I.P. RY.

AGREEMENT OF EXPENSES	
<b>MACHINE</b> SAXBY & FARMER	<b>OPERATION.</b>
<b>9 SIGNAL LEVERS</b>	<b>OPERATION.</b>
<b>6 SWITCH LEVERS</b>	<b>OPERATION.</b>
<b>1 SPARE SPACE</b>	<b>OPERATION.</b>
<b>16 LEVER FRAME</b>	<b>OPERATION.</b>
<b>MAINTENANCE.</b>	<b>MAINTENANCE.</b>
C & N.W.RY. 100%	C & N.W.RY. 100%
OWNERSHIP - C & N.W.RY. 100%	

**CONTRACT.**  
DATE OF  
COST OF \$  
TOWER  
BUILT BY U.S. & S CO.  
MAINTAINED BY  
C. & N.W. RY.

**A.S.T.**

**REV. 1911**



REV. 1916

296-A

WASHINGTON INTERLOCKINGC. M. & S. P. RY XING C. R. I. & P. R. Y.DATE OF CONTRACT4-8-02DATE PLANT PUT IN SERVICE5-20-03DATE OF STATE COM. PERMIT5-25-03BUILT BYAGREEMENT BY CONTRACT

<u>OWNERSHIP</u>	<u>C. M. &amp; S. P. RY 66<math>\frac{2}{3}</math>%</u>
<u>MAINTENANCE &amp; INSTALLATION</u>	<u>C. R. I. &amp; P. RY 33<math>\frac{1}{3}</math>%</u>

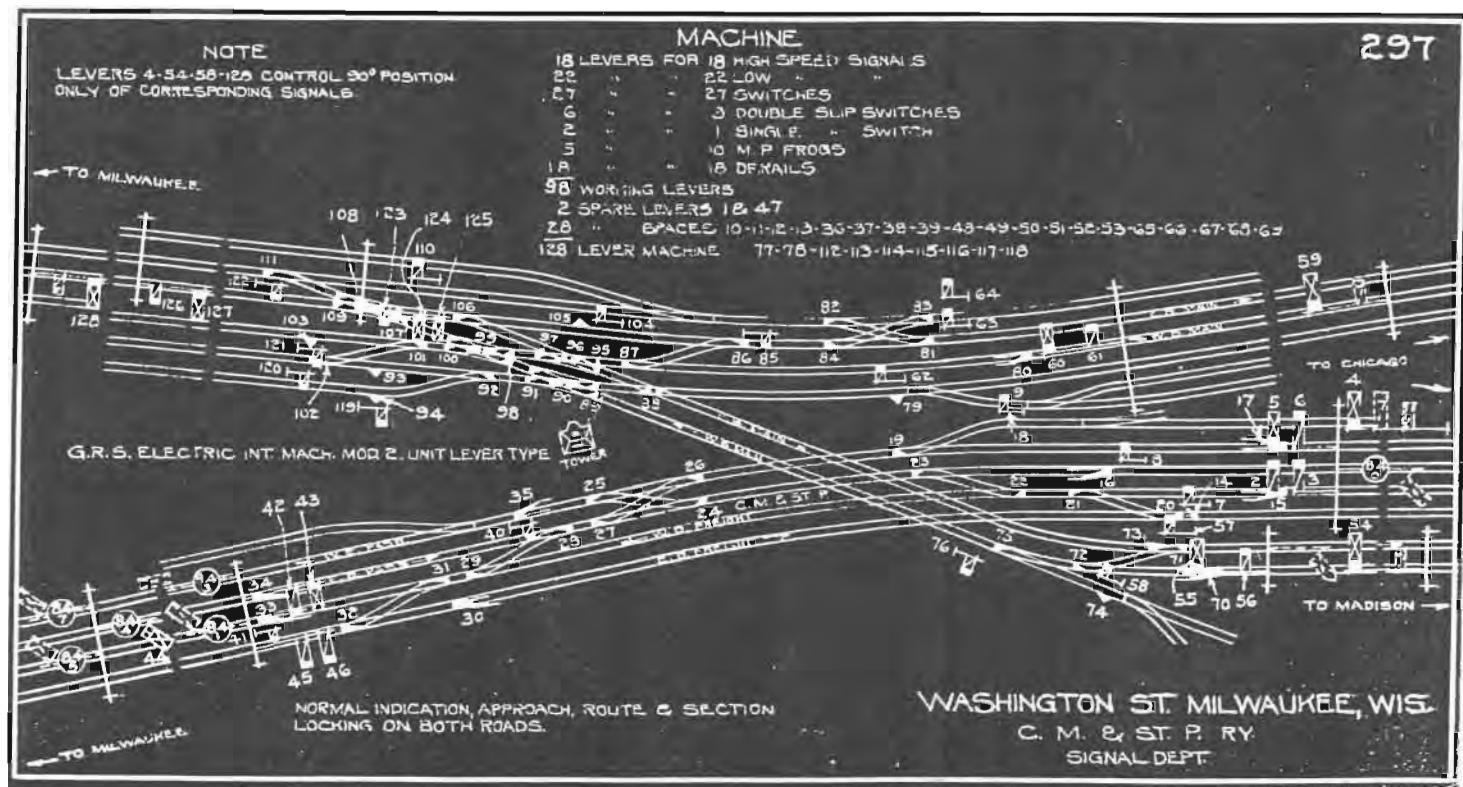
<u>OPERATION &amp; SUPPLIES</u>	<u>C. M. &amp; S. P. RY 66<math>\frac{2}{3}</math>%</u>
	<u>C. R. I. &amp; P. RY 33<math>\frac{1}{3}</math>%</u>

REPAIRING C. M. & S. P. RY

5-27-66

REV. 1911

170



REV. 1917

297A

WASHINGTON STREET INTERLOCKING  
MILWAUKEE WIS.

C. M. & ST. P. RY. CROSSING C. & N. W.

DATE OF CONTRACT

12-31-1894  
10-18-1915

DATE PLANT PUT IN SERVICE

5-6-1888  
5-20-1903  
5-1-1917

DATE OF STATE COM. PERMIT

1-14-1888  
5-25-1903  
4-28-1917

PLANT BUILT BY

U. S. & S. CO.

PLANT REBUILT BY

C. M. & ST. P. RY. 1903  
G. R. S. CO. 1917

AGREEMENT BY CONTRACT

INSTALLATION &  
OWNERSHIP

{ C. M. & ST. P. 37.90 %  
C. & N. W. 62.10 %

MAINTENANCE

{ C. M. & ST. P. 37.60 %  
C. & N. W. 62.40 %

OPERATION

{ C. M. & ST. P. 37.90 %  
C. & N. W. 62.10 %

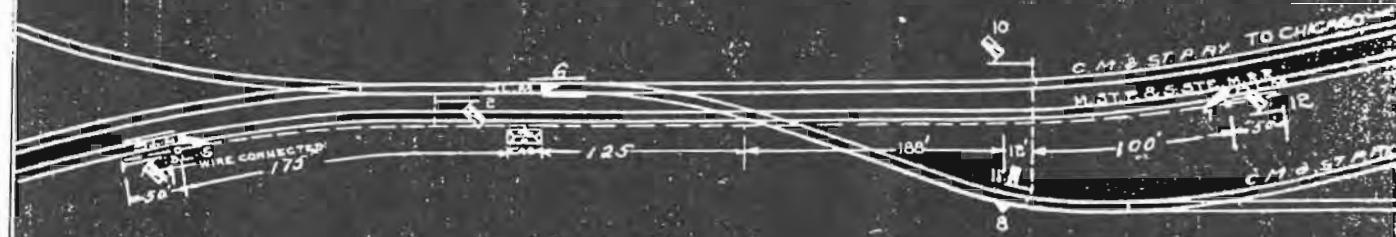
LEVERMANS WAGES

{ C. M. & ST. P. 25.00 %  
C. & N. W. 75.00 %

REPAIRING

C. & N. W.

REV. 1920



Levers 8-10-5-7-12 & 1 Stand in reverse position when no one is in the lower. Locked reversed by door.

5 Levers for 5 signals

3 " " 3 Derails

1 " " 1 switch

9 working levers

12 Lever frame. 3 SPARE SPACES - 3-4-9

Saxby & Farmer Machine

Date of State Commissioners Permit

Plant put in service 6-11-04

NOTE -

ELECTRIC LOCK ON LEVER 1 CONTROLLED BY POSITION OF TOP ARM OF W.D. SIG. AT DRAW BRIDGE PLANT ALSO THE TRACK CIRCUIT BETWEEN SIGNALS 5 AND 6 IS 10

SIGNALS WIRE CONNECTED  
" HAVE DWARF MECHANISMS ON GPX X3 POLES  
ROUTES ON MAIN TRACK NORMALLY LINED UP, LEVERS REVERSED. LOCKING SHEET & DOG CHART SHOWS LEVERS IN NORMAL POSITION.

WARREN ST. INTERLOCKING  
OSKOSH WIS.

REV. 1917

WARREN ST. INTERLOCKING.

OSKOSH WIS.

C. M. & ST. P. RY. — WIS. CENT. RY.

DATE OF CONTRACT 4-16-03

- PLANT PUT IN SERVICE 6-11-04.

" OF STATE COM. PERMIT.

INSTALLATION WIS. CENT. 100%

MAINTENANCE 500 LINE 100%

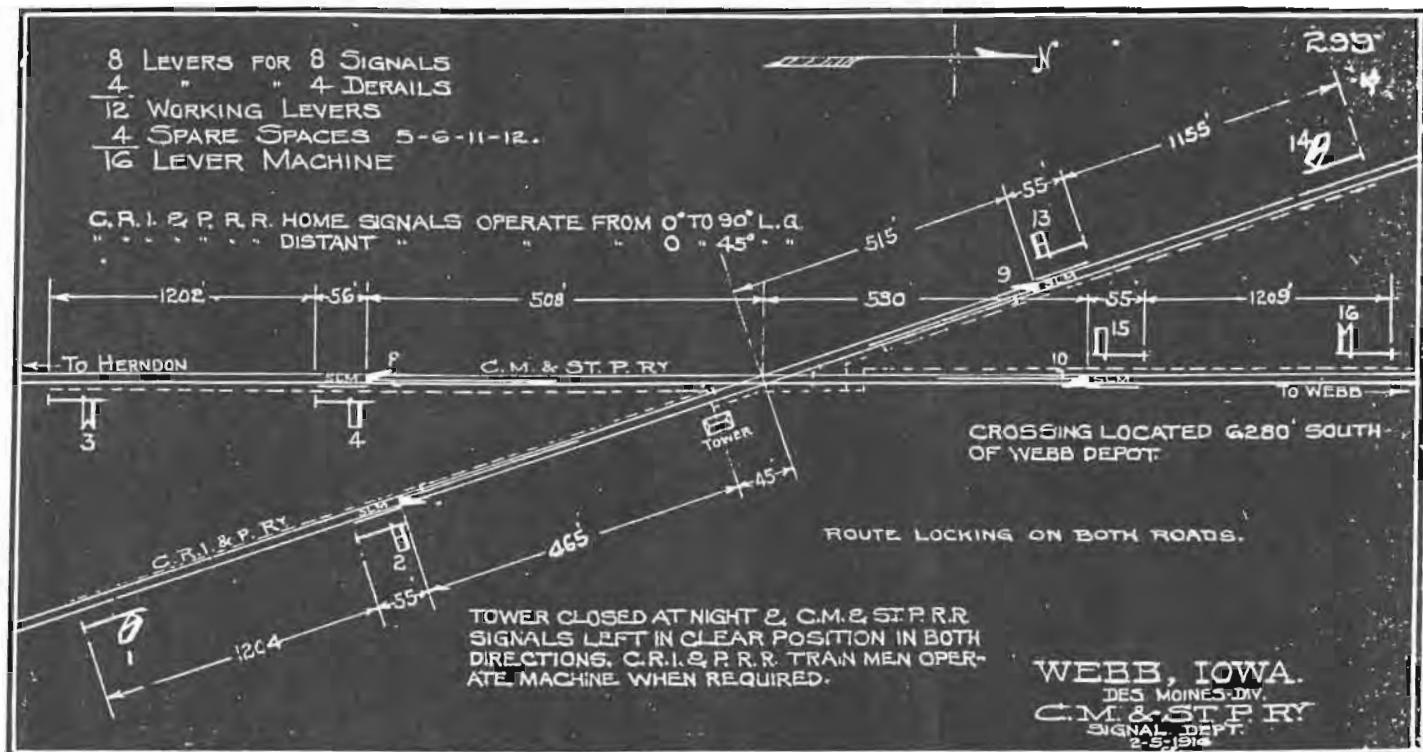
TO BE OPERATED BY C.M. & ST.P.

TRAINMEN.

REPAIRING 500 LINE

OWNERSHIP 500 LINE 100%

REV. 1911



REV. 1919

299-A

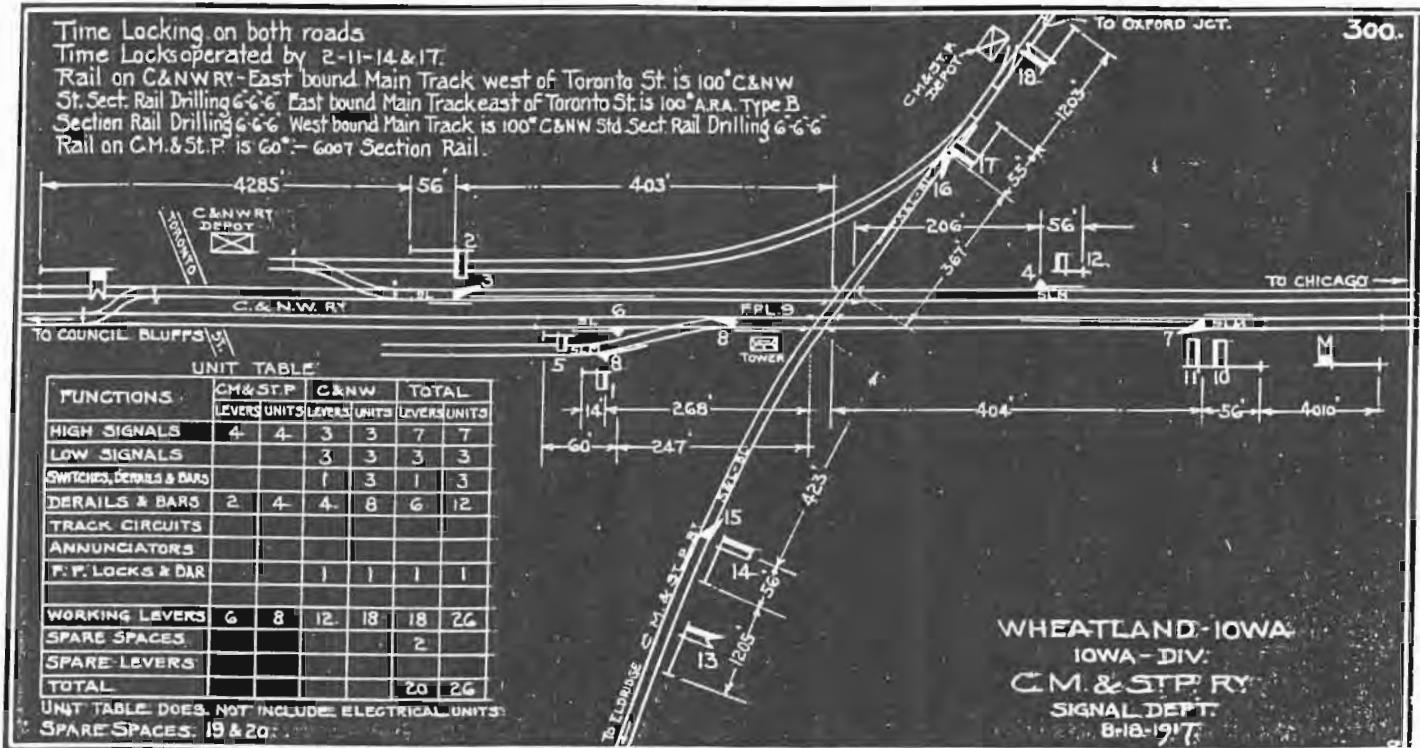
## WEBB INTERLOCKING

### C.R.I. & P.R.Y. CROSSING C. M. & ST. P.R.Y.

<u>DATE OF CONTRACT</u>	<u>AGREEMENT BY CONTRACT</u>
6-30 <sup>th</sup> -1900.	
<u>DATE PLANT PUT IN SERVICE</u>	<u>MAINTENANCE</u>
6-19-02	C.R.I. & P.R.Y. 66 $\frac{2}{3}\%$ C.M. & ST.P.R.Y. 33 $\frac{1}{3}\%$
<u>DATE OF STATE COM. PERMIT</u>	<u>INSTALLATION</u>
	C.R.I. & P.R.Y. 66 $\frac{2}{3}\%$ C.M. & ST.P.R.Y. 33 $\frac{1}{3}\%$
<u>BUILT BY</u>	<u>OPERATION &amp; SUPPLIES</u>
	C.R.I. & P.R.Y.
	<u>REPAIRING</u>
	C.R.I. & P.R.Y.

REV. 9-24-02

REV. 1911



REV. 1917

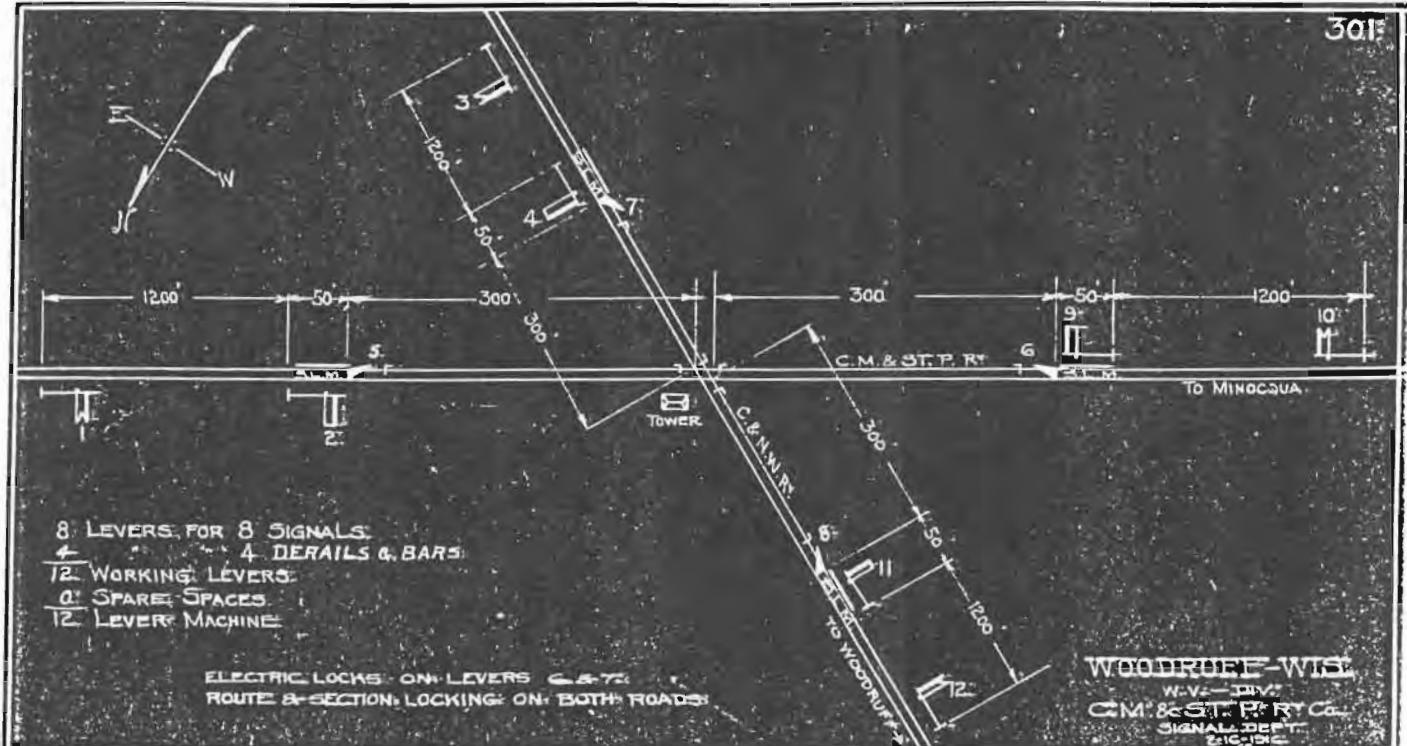
## WHEATLAND INTERLOCKING

C.&N.W.RY. CROSSING C.M. & ST.P.

<u>DATE OF CONTRACT</u>	<u>AGREEMENT BY CONTRACT</u>
<u>5-18-'00</u>	
<u>DATE PLANT PUT IN SERVICE</u>	
<u>NOVEMBER 10-1900.</u>	
<u>DATE OF STATE COM. PERMIT</u>	
<u>RE-ISSUE-SEPT-10-1915. 1-25-17</u>	
<u>NOVEMBER 10-1900.</u>	
<u>BUILT BY U.S. &amp; S. CO.</u>	
<u>OWNERSHIP</u>	<u>C.&amp;N.W.RY. 100% C.M. &amp; ST.P. RY 100%</u>
<u>INSTALLATION</u>	
<u>MAINTENANCE</u>	<u>C.&amp;N.W.RY. 100% C.M. &amp; ST.P. RY 100%</u>
<u>OPERATION</u>	
<u>AND SUPPLIES</u>	
<u>REPAIRING</u>	<u>C.&amp;N.W.RY.</u>

REV. 1911

174



REV. 1917

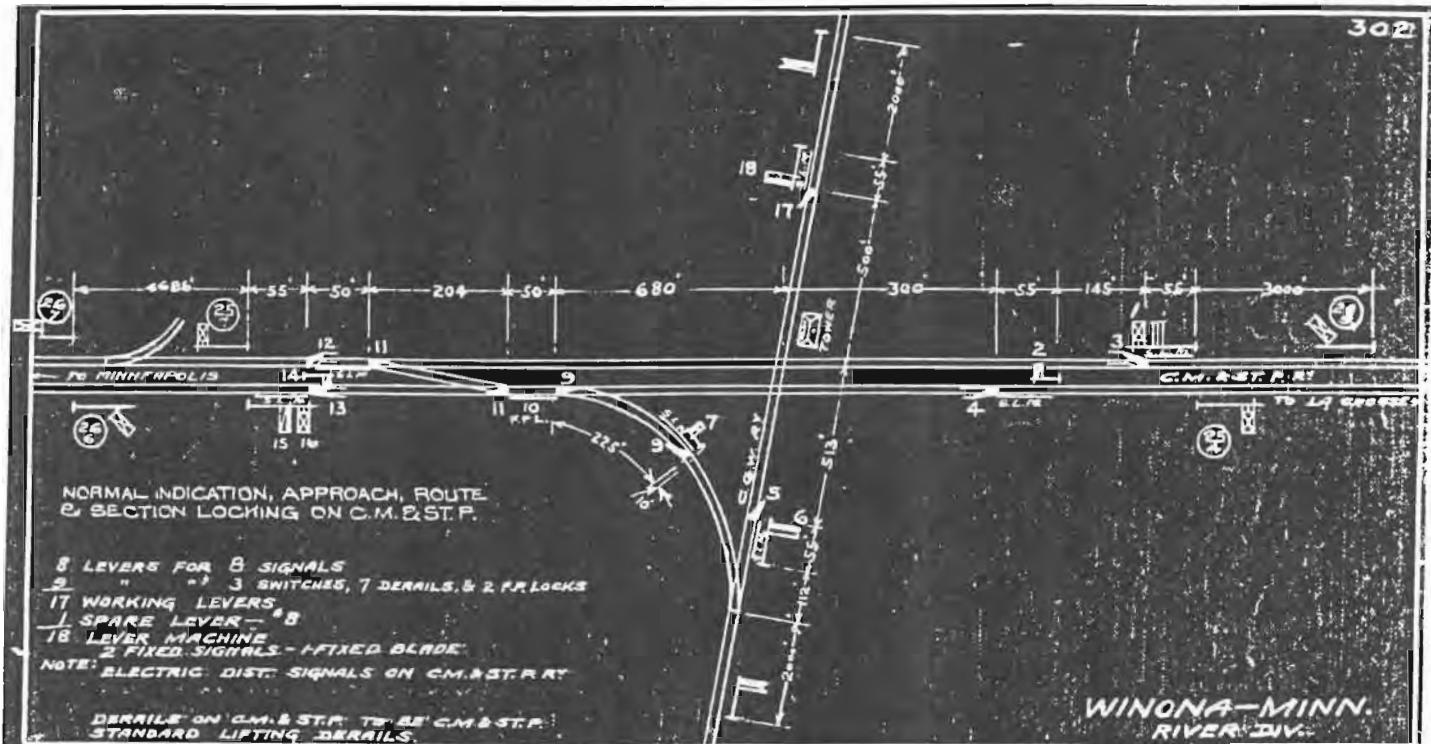
# WOODRUFF INTERLOCKING.

C. M. & ST. P. R. Y. CROSSING C. & N. W. R. Y.

MACHINE  
SAXBY & FARMER.  
8 SIGNAL LEVERS  
2 SWITCH LEVERS  
2 SPARE SPACES  
12 EVER FRAME

CONTRACT  
DATE OF  
COST OF \$  
TOWER & 635  
BUILT BY C.M. & S.P.R.Y.  
Maintained by  
C.M. & S.P.R.Y.  
MAT. #1408.05  
LABOR #424.13  
TOTAL 1832.18

REV. 191)



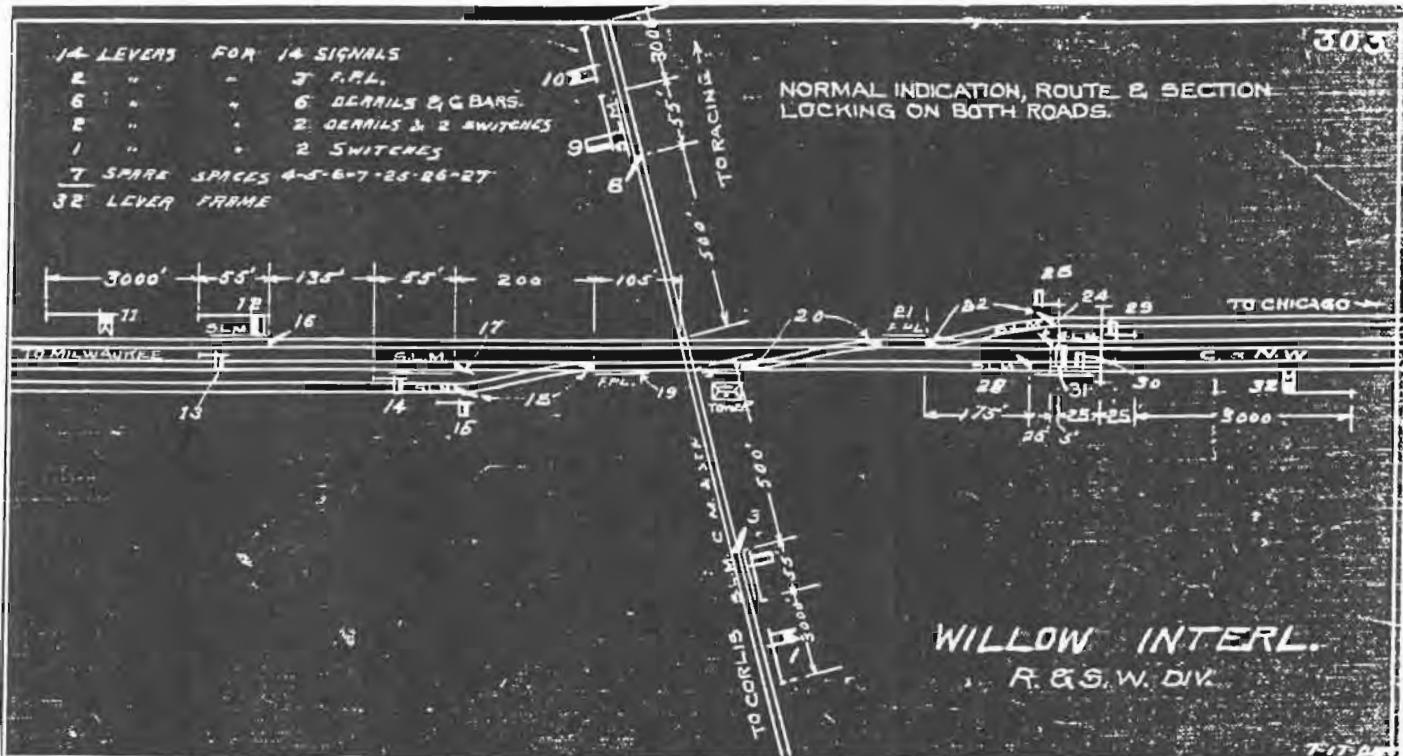
REV. 1917

302-A.

WINONA INTERLOCKINGC.G.W.R.Y. CROSSING C.M.&ST.P.R.Y.DATE OF CONTRACTAGREEMENT BY CONTRACTDATE PLANT PUT IN SERVICE7-15-91.  
1-16-12INSTALLATION OWNERSHIP } C.G.W. 100%DATE OF STATE COM. PERMIT7-24-91.  
2-21-12MAINTENANCE - C.G.W. 100%BUILT BY U.S. & S. CO.REBUILT BY C.G.W.OPERATION — C.G.W. 100%REPAIRING - C.G.W.

REV. 1917

303



REV. 1917

303A

## WILLOW INTERLOCKING

### C&N.W. CROSSING C.M. & ST. P.

DATE OF CONTRACT  
 APRIL - 29 - 1905

AGREEMENT BY CONTRACT

DATE PLANT PUT IN SERVICE  
 MAY - 3 - 1906

INSTALLATION - C&N.W. 100%

DATE OF STATE COM. PERMIT.

OWNERSHIP - C&N.W. 100%

BUILT BY - C&N.W. RY.

MAINTENANCE

AND

OPERATION

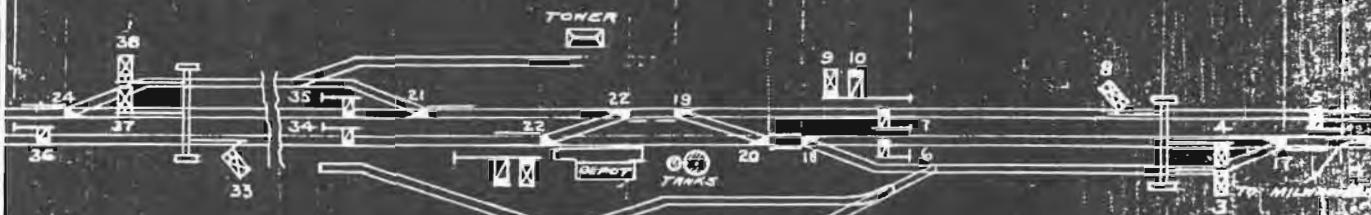
C&N.W. 100%

REPAIRING - C&N.W. RY.

REV. 1911

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← 55 → 420 ← 3796' ← 192 → 80 ← 55' ← 292 ← 145 ← 292 ← 50 ← 285 ← 3306' ← 425 ← 55 →



NORMAL INDICATION, APPROACH, ROUTE & SECTION LOCKING.

	LEVERS	SPACES	UNITS
HIGH SIGNALS	10	10	10
LOW SIGNALS	6	6	6
SWITCHES & BARS	6	8	16
DRACK CIRCUITS		8	
INTERLOCKING		2	
SPARE	16		
TOTAL	22	49	48
SPARE SPACES	1-2-11-12-13-14-15-16-25-26-27-28-29-30-31-40		

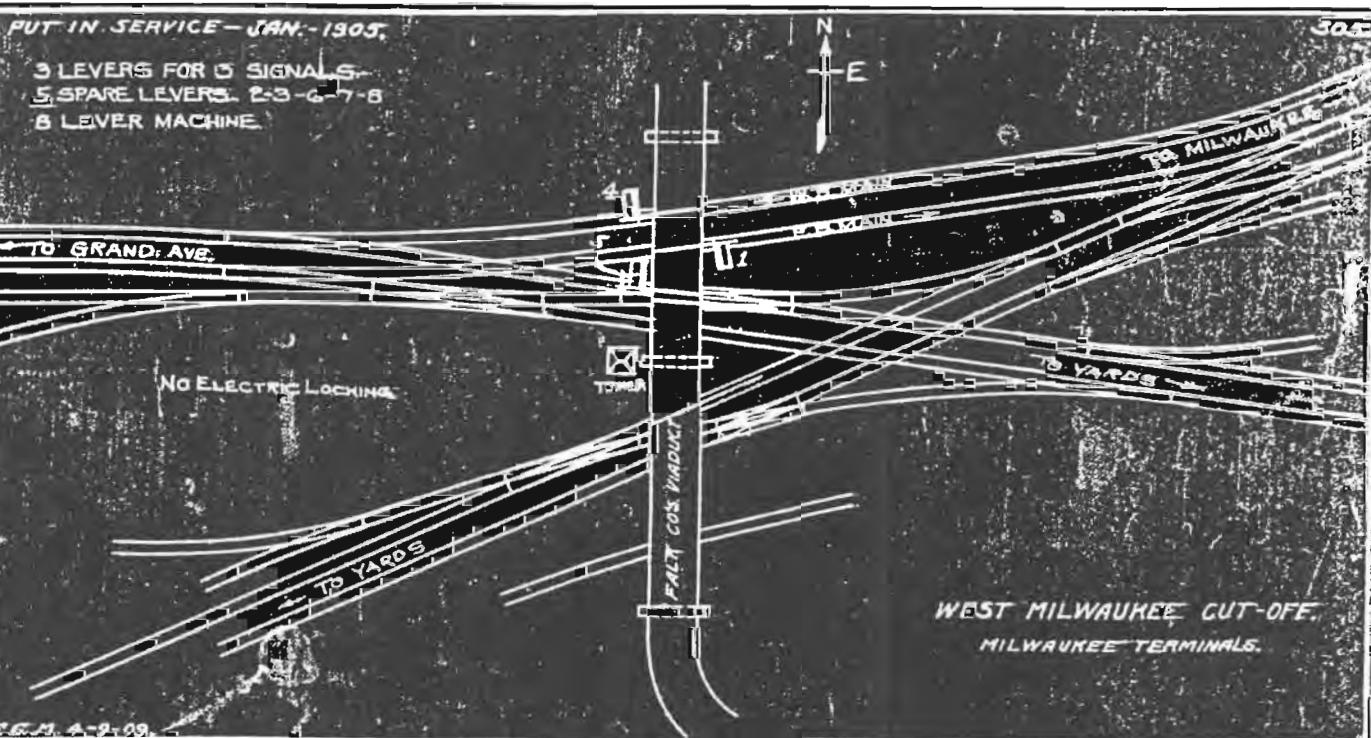
WADSWORTH INTERL.  
C. & M. DIV.

REV. 1911

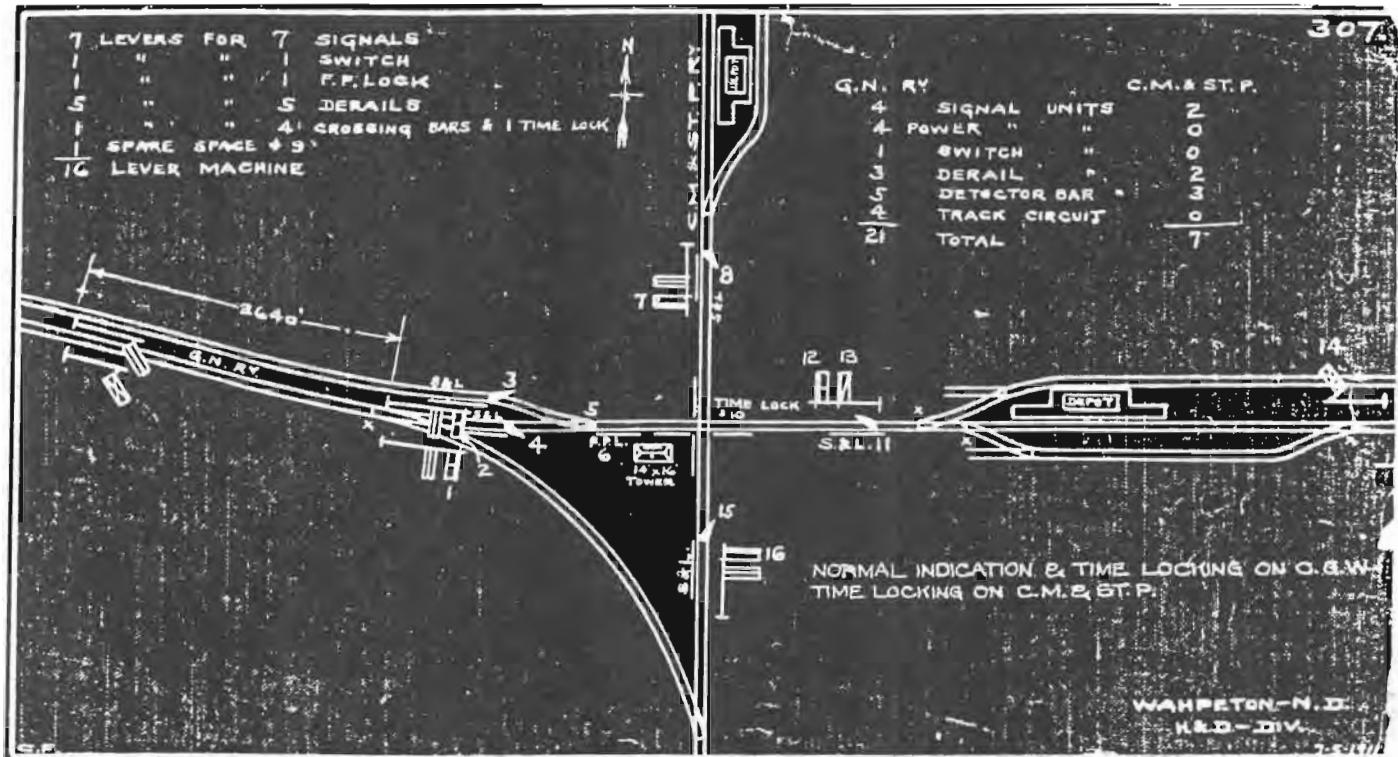
PUT IN SERVICE - JAN. - 1905.

3 LEVERS FOR 15 SIGNALS.  
5 SPARE LEVERS. 2-3-6-7-8  
8 LEVER MACHINE.

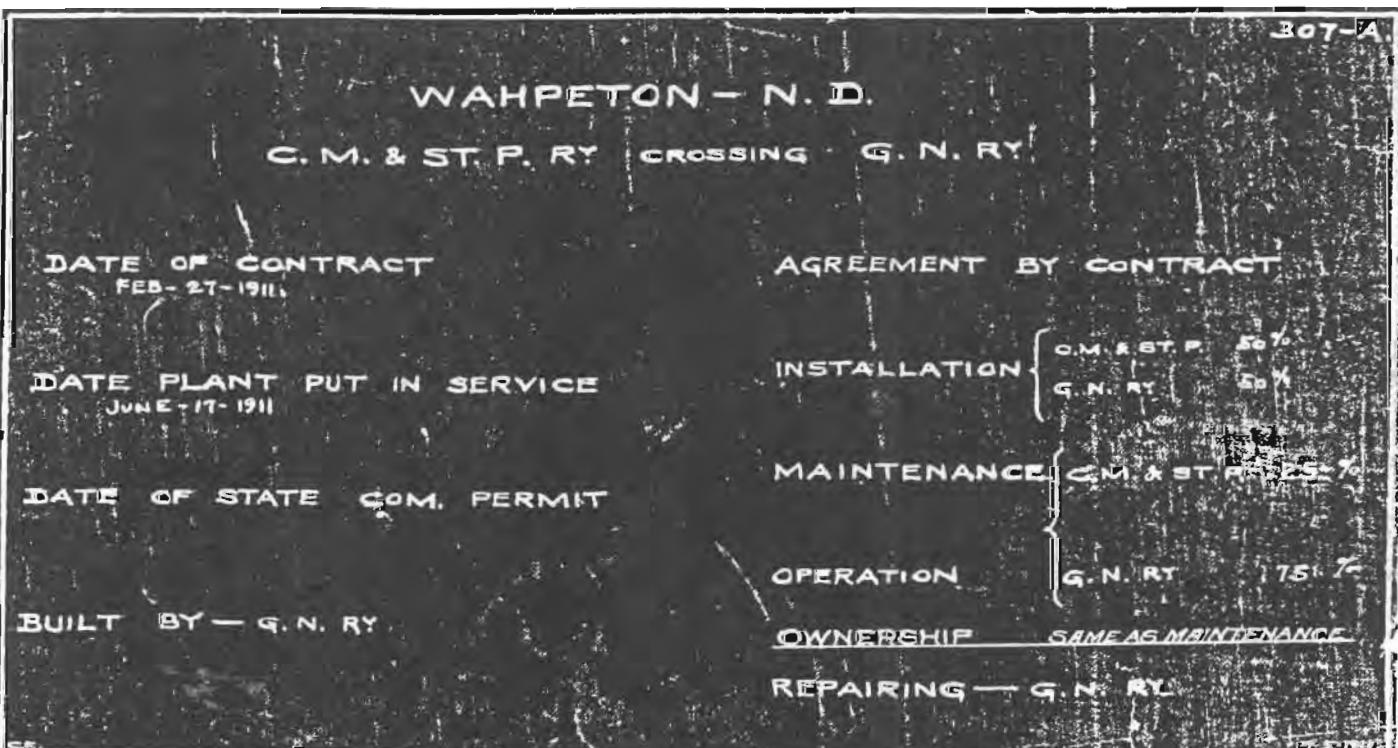
304



END - 178



REV. 1911



REV. 1911