

SOUTHERN PACIFIC COMPANY

(PACIFIC LINES)

TIME TABLE

FOR THE

SACRAMENTO DIVISION

154

To Take Effect Sunday, February 2, 1936, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employees only.

A. T. MERCIER,
General Manager.

W. B. KIRKLAND,
Superintendent of Transportation.

L. U. MORRIS,
Assistant General Manager.

W. L. HACK,
Superintendent.

J. W. FITZGERALD,
District Superintendent.



EASTWARD

SACRAMENTO SUB-DIVISION

Time Table No. 154
February 2, 1936

Capacity of Sidings in Car Lengths	THIRD CLASS				FIRST CLASS						Distance from San Francisco
	490	488	486	482	28	30	606	14	318	210	
	Freight	Freight	Freight	Freight	San Francisco Overland Limited	Advance San Francisco Overland Limited	Mixed	Pacific Limited	Passenger	Sierra	
Term. Yard	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Mon., Wed., Fri.	Leave Daily	
BKTWOPY	9.00 PM	4.00 PM	12.30 PM	3.00 AM	11.59 PM	11.35 PM		11.50 AM		1.15 AM	106.6
Yard P										f 1.22 AM	110.6
					12.15 AM	11.51 PM		12.06 PM		See Page 3	115.5
84 WP	9.40	4.40	1.10	3.40	12.24	12.01 AM		f 12.20		s 1.50 AM	120.2
78 WP					f 12.35	f 12.10		f 12.32		s 2.03	124.2
68 P					12.44	12.18		12.40		2.12	129.1
P											131.4
78 W					12.53	12.27		12.51		2.20	134.3
75 P					1.00	12.33		12.58		f 2.26	137.7
Yard YPWBK	10.30	5.50	2.00	4.30	s 1.15	s 12.45		s 1.10		s 2.45	141.7
60 P					1.27	12.57		1.22		2.58	146.0
125 PWOY	11.15 PM	6.45	2.45	5.15	1.40	1.10		1.35		s 3.13	152.2
6 P Spur								f			154.1
4 P Spur											156.0
5 Spur P											156.8
					1.54	1.24		1.50		f 3.29	159.6
75 P					2.07	1.37		2.03		3.43	160.7
78 WP	1.10 AM	9.00	5.00	7.30	2.18	1.48		2.14		3.55	164.8
PTW										f	165.5
86 Yard IPTW					2.40	2.06		f 2.33		s 4.20	166.6
82 PW	2.10	9.40	5.50	8.20	2.55	2.20		2.48		4.37	171.8
PWT								f 2.55		s 4.45	177.9
67 PW					3.12	2.37		3.08		4.58	180.3
P								f		f	185.5
130 KPTWBI	2.51	11.00 PM	7.00	9.30	3.26	2.51		f 3.23		s 5.15	192.0
											196.3
PT											197.7
72 PW	3.46				3.46	3.11		3.43		5.37	200.6
Yard PWTYOBK	4.30	12.20 AM	8.15	10.50 AM	s 4.00	s 3.25		s 3.58		s 5.55	202.9
P					4.16	3.41		4.14		6.15	208.0
99 P					4.20	3.45		4.18		6.20	216.3
68 PW					4.28	3.52		4.25		6.30	218.1
No Siding WP											222.4
131 P	6.15	1.30	10.00	12.10 PM	4.44	4.08		4.41		6.52	228.5
Yard P					s 5.00	s 4.25	7.00 PM	s 4.58	7.40 AM	s 7.15	232.4
Yard					5.10	4.35		5.10		7.35	242.9
Term. Yard OWTBK	7.15 AM	2.35 AM	10.45 PM	1.05 PM	s 5.25 AM	s 4.50 AM	s 7.12 PM	s 5.25 PM	s 7.52 AM	s 7.50 AM	245.5
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Mon., Wed., Fri.	Arrive Daily	246.2
	(10.15)	(10.35)	(10.15)	(10.05)	(5.26)	(5.15)	(0.12)	(5.35)	(0.12)	(6.35)	
	13.38	12.95	13.38	13.60	25.23	26.11	15.23	25.29	16.50	22.53	

STATIONS

TO-R ROSEVILLE	4.0
ROCKLIN	4.9
LINCOLN AV., PENBYN	4.7
TO-R NEWCASTLE	4.0
AUBURN, NEVADA ST	4.9
BOWMAN	2.3
CLIPPER GAP	2.9
EAST APPLGATE	3.4
N. E. MILLS	4.0
TO-R OOLFAX	4.3
CAPE HORN	6.2
TO GOLD RUN	1.9
DUTCH FLAT	1.9
ALTA	0.8
TOWLE	2.8
AMERICAN	1.1
MIDAS	4.1
KNAPP	0.7
BLUE CANON	5.2
TO EMIGRANT GAP	6.1
CRYSTAL LAKE	2.4
OISCO	5.2
TROY	4.9
SODA SPRINGS	1.6
TO NORDEN	4.3
EDER	2.9
ANDOVER	2.3
STANFORD	5.1
TO-R TRUCKEE	8.3
BOCA	1.8
HINTON	4.3
FLORISTON	6.1
CALVADA	3.9
VERDI	10.5
RENO	2.6
SPARKS (PSGR. STA.)	0.7
TO-R SPARKS (DSP.OFF.)	

Eastward inferior trains may run ahead of Nos. 318 and 606 Reno to Sparks.

Eastward regular trains originating at Reno will not be required to obtain clearance at that station.



ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
210	Any Station	Receive	Ogden	
28	Any Station	Receive Revenue Passengers	Ogden	
30	Any Station	Receive Revenue Passengers	East of Sparks	

Time as indicated by time table schedules for first-class trains will apply at passenger station Emigrant Gap.
Time in train orders Emigrant Gap will apply at siding.

Additional Stations:

Lander, 139.0	Tamarack, 183.7	Wickes, 221.5
Magra, 148.5	Spruce, 187.8	Farad, 224.7
Forebay, 163.0	Polaris, 211.1	Mystic, 225.5
Smart, 173.3	Union Mills, 213.5	Fleish, 229.8
Yuba Pass, 176.1	Prosser Creek, 215.0	Mogul, 235.8
	Iceland, 220.9	Lawton, 237.1

(137.1)
Time over District
Average Speed per Hour

EASTWARD

Time Table No. 154

February 2, 1936

210
Sierra
Leave Daily
f 1.22AM
s 1.31
s 1.40
s 1.50AM

STATIONS

TO-R ROSEVILLE	4.0
ROCKLIN	3.3
TO LOOMIS	2.7
PENRYN	3.0
TO-R NEWCASTLE	4.0
FLINT	0.9
TO AUBURN	3.9
BOWMAN	2.5
CLIPPER GAP	3.0
WEST APPLGATE	3.2
N. E. MILLS	5.0
TO-R COLFAX	4.3
CAPE HORN	6.2
TO GOLD RUN	1.9
DUTCH FLAT	2.7
TOWLE	2.8
AMERICAN	1.1
MIDAS	4.1
KNAPP	0.7
BLUE CANON	5.2
TO EMIGRANT GAP	4.3
YUBA PASS	2.2
CRYSTAL LAKE	2.0
OISCO	5.5
TROY	4.9
SODA SPRINGS	1.3
TO NORDEN	1.0
SUMMIT	3.2
DONNER	1.5
EDER	2.9
ANDOVER	2.3
STANFORD	5.1
TO-R TRUCKEE	8.3
BOCA	1.8
HINTON	4.3
FLORISTON	6.0
CALVADA	3.9
VERDI	10.4
BENO	2.6
SPARKS (PSGR. STA.)	0.7
TO-R SPARKS (DSP.OFF.)	

A. B. S.

A. F. C.

A. B. S.

Arrive Daily

SACRAMENTO SUB-DIVISION

WESTWARD

Distance from Sparks	FIRST CLASS						THIRD CLASS		Capacity of Siding in Car Lengths	Term. Yard TOWYBPBK
	289 Sierra Arrive Daily	21 Pacific Limited Arrive Daily	605 Mixed Arrive Daily Ex. Sunday	317 Passenger Arrive Tues., Thurs., Sat.	27 San Francisco Overland Limited Arrive Daily	9 Fast Mail Arrive Daily	533 Freight Arrive Daily	535 Freight Arrive Daily		
138.9	s 5.33PM	s 5.56PM			s 4.22AM	s 3.21AM	10.00AM	3.40AM	P 94	
134.9					f				P 51	
131.6	f 5.16	5.42			s 4.03	3.09			WP 58	
128.9	f				f 3.54				P 73	
125.9	s 4.58	5.29			s 3.45	2.56		2.56	WP 50	
121.9									P 73	
121.0	s 4.45	5.17			s 3.30	2.44			P 58	
117.1	4.32	5.08			f 3.14	2.35			P 51	
114.6					f				Spur P 57	
111.6	f 4.19	4.56			f 2.58	2.23			YWPBK Yard	
108.4	f 4.12	4.49			f 2.49	2.16			P 62	
103.4	s 4.00	f 4.37			s 2.35	f 2.04	8.00	1.30	WOYP 65	
99.1	3.46	4.26			2.15	1.50			SPUR P 6	
92.9	f 3.32	4.13			f 2.00	1.36	7.15	12.45AM	P Spur 5	
91.0	f				f				P 75	
88.3	f 3.20	4.03			1.47	1.25			P 78	
85.5									PTW	
84.4	f 3.10	3.54			1.35	1.16			WPI Yard 80	
80.3	3.01	3.45			1.25	1.06			Summer 69 P	
79.6	f								PW 82	
74.4	f 2.47	3.32			f 1.10	12.52	6.15	11.45PM	PT	
70.1	2.37	3.22			12.58	12.42			PW 56 Summer 68	
67.9	2.32	3.17			12.52	12.37			P	
65.9	f 2.27				f 12.47				KIPTBW 79	
60.4	2.15	3.02			12.34	12.21			P (Upper) 56 (Lower) 71	
55.5	s 2.04				f 12.22				P 91	
54.2	s 2.00	2.48			s 12.17	12.07AM	4.30	10.00	PT	
53.2									WP 72	
50.0	1.46	2.36			12.01AM	11.54PM			Yard PWTYOBK	
48.5									P 53	
45.6									P 64	
43.3	1.28	2.18			11.43PM	11.37			WP	
38.2	s 1.15	s 2.05			s 11.25	s 11.25	2.45	8.15	Yard P	
38.0	f 12.56	1.47			f 10.45	11.02			Yard P	
29.7	f 12.52	1.43			f 10.40	10.58			Yard	
27.9	f 12.45	1.36			f 10.32	10.50			Term. Yard OWTBPK	
23.6	f 12.27	1.18			f 10.12	10.33				
17.6	s 12.10PM	s 1.00	s 7.00PM	s 7.25PM	s 9.50	10.15				
13.7	s 11.53AM	f	f 6.50	s 7.15		9.55				
3.3	11.50AM	12.40PM	6.45PM	7.10PM	9.35PM	9.40PM	1.00AM	6.30PM		
0.7	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Tues., Thurs., Sat.	Leave Daily	Leave Daily	Leave Daily	Leave Daily		
0.0										
(138.9)										
(5.43)	(5.16)	(0.15)	(0.15)	(6.47)	(5.41)	(9.00)	(9.10)			
24.29	26.37	13.20	13.20	20.48	24.44	15.43	15.15			

Time over District
Average Speed per Hour

SACRAMENTO SUB-DIVISION

EASTWARD

Time Table No. 154

February 2, 1936

Lake Tahoe Branch

STATIONS

Capacity of Siding in Car Lengths	Distance from San Francisco	STATIONS	Distance from Lake Tahoe
	208.0	TO-R TRUCKEE	14.7
	212.1	4.1	
	213.6	HEADLAND	10.6
	213.7	1.5	
		DENVALE	9.1
		0.1	
		McPHETRES	9.0
		1.0	
18 P	214.7	BIG CHIEF	8.0
		1.0	
	215.7	BULLS HEAD	7.0
		1.0	
	216.7	SQUAW CREEK	6.0
		0.9	
	217.6	OLD ROAD	5.1
		0.9	
	218.5	DEER PARK	4.2
		2.0	
	220.5	RAMPART	2.2
		1.5	
	222.0	MOSS HILLS	0.7
		0.7	
Term. Yard P	222.7	R LAKE TAHOE	0.0
		(14.7)	
		Time over District.....	
		Average Speed per Hour.....	

No. 210 will use No. 4 track Rocklin to Loomis.
Water at Mystic on No. 1 track only.
Westward passenger trains from Sparks should take water at Truckee in preference to other water stations.
Time as indicated by time table schedule, or train order, for eastward trains will apply at passenger station Loomis.
Time as indicated by time table schedules for first class trains will apply at passenger station Emigrant Gap.
Time in train orders at Emigrant Gap will apply at siding.
Westward freight trains arriving Truckee ahead of No. 9 and No. 27, will head in and use what is known as the ice track.
Westward trains receiving orders at or east of Newcastle moving eastward from Loomis to Newcastle on No. 1 track, must not pass east crossover switch at Newcastle until opposing trains on No. 1 track have arrived.
Westward trains must stop east of east crossover switch at Newcastle unless they receive a train-order signal permitting them to proceed.
Eastward trains authorized to use No. 1 track Loomis to Newcastle, may proceed on No. 1 track to first crossover switch, east of station building at Newcastle.

Additional Stations:

Lawton, 237.1.	Iceland, 220.9.	Smart, 173.3.
Mogul, 235.7.	Prosser Creek, 215.0.	Forebay, 163.4.
Fleish, 229.8.	Union Mills, 213.5.	Alta, 156.0.
Mystic, 225.5.	Polaris, 211.1.	Magra, 148.5.
Farad, 224.7.	Spruce, 187.8.	Lander, 139.0.
Wickes, 221.5.	Tamarack, 183.7.	

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
27	Any Station	Discharge Discharge Revenue Passengers		Ogden
21	Any Station			East of Sparks
289	Alta	Discharge		Sparks and East
289	Any Station			

EASTWARD

SACRAMENTO SUB-DIVISION

WESTWARD

Capacity of Sidings in Car Lengths	SECOND CLASS				FIRST CLASS					Distance from San Francisco	Time Table No. 154 February 2, 1936										Distance from Gerber
	THIRD CLASS	514 Local Freight	496 Manifest	510 Mixed	512 Mixed	20 Klamath	18 Cascade	8 Shasta	16 West Coast		292 Passenger	19 Klamath	7 Shasta	293 Passenger	291 Mixed	17 Cascade	15 West Coast	511 Mixed	497 Manifest	513 Mixed		515 Local Freight
Term. Yard	Leave Daily Ex. Sunday	Leave Daily	Leave Tues. and Sat.	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Sundays and Holidays Only	STATIONS	Arrive Daily	Arrive Daily	Arrive Sundays and Holidays Only	Arrive Daily Ex. Sundays & Holidays	Arrive Daily	Arrive Daily	Arrive Mon. and Fri.	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
100 P	4.05 AM			4.00 AM	11.50 PM	9.15 PM	8.32 PM				TO-R DAVIS 5.1	4.55 AM	7.13 AM	9.35 AM	10.25 AM	4.10 PM				11.10 AM	4.30 PM
17					11.57 PM	9.22	8.39				MERRITT 2.5	4.46	7.02	9.25	10.15	4.01					4.15
BKIPW Yard 107	4.40			4.20 AM	12.10 AM	9.29	8.47				TO-R WOODLAND S. N. R. R. Crossing 5.0	4.40	6.55	9.15	10.07	3.55				10.50 AM	3.55
25 P	5.15				12.17	9.35	8.54				TO YOLO 5.9	4.29	6.44	9.03	9.57	3.43					3.00
29 P					12.23	9.41	9.00				TO ZAMORA 2.2	4.21	6.37	8.52	9.48	3.35					2.40
17 P											BRETONA 5.2			f	f						
36 WP	6.28				12.31	9.49	9.08				TO DUNNIGAN 3.2	4.13	6.28	8.42	9.38	3.26					2.15
40 P											HERSHEY 1.9			f	f						
118 119 YP					12.37	9.55	9.14				HARRINGTON 5.2	4.07	6.22	8.34	9.31	3.20					1.45
44 P	7.00				12.46	10.01	9.20				TO ARBUCKLE 4.1	4.01	6.16	8.24	9.23	3.14					1.30
30 P					12.52	10.06	9.26				GENEVRA 0.9	3.55	6.10	8.14	9.15	3.08					12.45
11											MAOY 5.7			f	f						
50 P	8.05				1.02	10.14	9.34				TO WILLIAMS 4.9	3.47	6.02	8.05	9.06	3.00					12.20 PM
45 P	8.27				1.08	10.19	9.40				CORTENA 3.9	3.41	5.55	7.52	8.56	2.52					
59 WP	8.50				1.15	10.23	9.45				TO MAXWELL 5.3	3.37	5.50	7.46	8.50	2.47					11.35 AM
39 P					1.22	10.29	9.51				DELVAN 3.8	3.31	5.43	7.37	8.41	2.40					
34					1.26	10.33	9.55				NORMAN 2.2			f	f						
31 P											LOGANDALE 5.6	3.25	5.37	7.28	8.32	2.32					
64 BKWOYP	10.00 AM				1.42	10.42	10.07				TO-R WILLOWS 3.3	3.19	5.30	7.20	8.24 8.10	2.25					11.00 AM
10											LYMAN 3.6			f	f						
44 P					1.52	10.51	10.17				ARTOIS 3.9	3.10	5.18	7.03	7.54	2.14					
50					1.56	10.55	10.21				GRAPT 1.3	3.06	5.13	6.57	7.46	2.09					
33 P											GREENWOOD 3.4			f	f						
Yard 41 KPW			7.15 AM		2.06	11.01	10.29				TO-R ORLAND 1.6	3.00	5.07	6.50	7.39	2.03					1.35 PM
39 PY			7.20 AM								WYO 2.0	2.57	5.01	6.41	7.32	1.58					1.25 PM
11											MALTON 4.4			f	f						
26 P					2.17	11.10	10.39				KIRKWOOD 5.1	2.50	4.54	6.32	7.23	1.51					
47 P					2.29	11.16	10.46				TO CORNING 3.1	2.44	4.48	6.25	7.15	1.45					
44 P					2.40		10.50				RICHFIELD 4.7	2.40	4.40	6.12	7.01	1.39					
120 YP		9.30 AM			2.48	11.25	10.58	1.43 PM	5.26 AM		R TEHAMA 2.1	2.34	4.34	6.05	6.50 AM	1.34	2.55 PM			7.05 AM	
Term. Yard BKWOYP		9.40 AM			2.55 AM	11.30 PM	11.05 PM	1.50 PM	5.35 AM		TO-R GERBER	2.30 AM	4.30 AM	6.00 AM		1.30 PM	2.50 PM			6.55 AM	
	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Tues. and Sat.	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Sundays and Holidays Only		(112.8)	Leave Daily	Leave Daily	Leave Sundays and Holidays Only	Leave Daily Ex. Sundays & Holidays	Leave Daily	Leave Daily	Leave Mon. and Fri.	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	(5.55) 12.56	(0.10) 12.60	(0.05) 19.20	(0.20) 27.90	(3.05) 36.58	(2.15) 50.13	(2.33) 44.24	(0.07) 18.00	(0.09) 14.00		Time over District.....	(2.25) 46.68	(2.43) 41.52	(3.35) 31.48	(3.35) 30.89	(2.40) 42.30	(0.05) 25.20	(0.10) 9.60	(0.10) 12.60	(0.20) 27.90	(5.30) 13.51
											Average Speed per Hour.....										

Schedule time and train orders will apply at the Junction Switch at Tehama.

HOLIDAYS INDICATED ARE:
New Year's, Washington's Birthday, Decoration Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas.

Additional Stations:
Dufour, 92.1
Ronda, 93.7
Delphos, 126.8
Ris, 146.0

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS				
Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
8	Any Station between Davis and Dunsmuir	To receive Revenue Passengers	East of Dunsmuir where Nos. 18 and 8 scheduled to stop.	
8	Woodland Williams Willows Orland Corning	Discharge		Davis and West
20 293 291	Any Station Dufour Ronda	Discharge Receive or Discharge		Davis
7 7	Arbuckle Any Station	Receive Discharge	Richmond and West	Black Butte
17	Arbuckle	Receive (Pags. M & E)	Davis	

EASTWARD

SACRAMENTO SUB-DIVISION

WESTWARD

Capacity of Sidings in Car Lengths	THIRD CLASS		SECOND CLASS		FIRST CLASS					Distance from San Francisco	Time Table No. 154 February 2, 1936		Distance from Tehama	FIRST CLASS					SECOND CLASS		THIRD CLASS	
	494	496	28	30	14	16	290	292	210		STATIONS			9	27	289	21	15	471	501	497	495
	Local Freight	Manifest	San Francisco Overland Limited	Advance San Francisco Overland Limited	Pacific Limited	West Coast	Mixed	Passenger	Sierra		TO-R SACRAMENTO	Fast Mail		San Francisco Overland Limited	Sierra	Pacific Limited	West Coast	Oakland Freight	Local Freight	Manifest	Local Freight	
Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday & Holidays	Leave Sun. & Holidays Only	Leave Daily		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday			
Term. Yard BKWOTYP			11.20 PM	10.55 PM	11.10 AM	10.10 AM	1.20 AM	1.05 AM	12.35 AM	89.0 89.4 88.9	TO-R SACRAMENTO 2.9	4.00 AM	5.05 AM	6.20 PM	6.35 PM	7.00 PM	7.15 PM					
Yard IYP			11.27	11.02	11.17	10.17	1.35	1.12	12.42	91.8	ELVAS 1.7	3.51	4.56	6.08	6.26	6.48	7.00					
Yard PW										93.5	SWANSTON 1.4			f								
South 92 Yard P Center 86			11.32	11.07	11.23	10.22	1.42	1.17	12.47	94.9	BENALI 7.9	3.46	4.50	6.01	6.21	6.33						
60 Yard P			11.41	11.16	11.34	10.32	1.54	1.27	12.56	102.8	ANTELOPE 3.8	3.38	4.40	5.52	6.13	6.24						
Term. Yard BKOPTWY		6.00 AM	11.51 PM	11.26 PM	11.43 AM	10.42	2.10	1.37	1.06 AM	106.6	TO-R ROSEVILLE 6.2	3.29 AM	4.30 AM	5.40 PM	6.04 PM	6.15	6.30 PM	8.45 PM	12.35 PM			
111 P						10.51	2.20	1.47		112.8	WHITNEY 4.2					6.02			12.05 PM			
134 PW		6.30				10.58	2.35	1.55		117.0	TO LINCOLN 4.0					5.55		8.00	11.55 AM			
38 P										121.0	EWING 1.1											
106 P		6.40				11.05	2.43	2.02		122.1	BROOK 2.7					5.43		7.15	11.05			
32						11.09	f	f		124.8	SHERIDAN 3.3				f	5.38						
138 PW		6.50				11.14	2.55	2.12		128.1	TO WHEATLAND 6.1					5.32		6.40				
101 P		7.00				11.22	3.06	2.22		134.2	OSTROM 5.6					5.21		6.15	10.45			
										139.8	DANTONI JOT. 1.0											
Yard BKIYOWP	7.30 AM	7.10				11.35	3.25 3.50	2.32 2.55		140.8	TO-R MARYSVILLE 1.0					5.10		6.00 PM	10.30	1.20 PM		
										141.8	W. P. R. R. Crossing 2.9											
112 WP		7.20				11.41	3.57	3.01		144.7	BERG 3.0					4.53			10.10	1.05		
43						11.46	4.03	3.06		147.7	LOMO 2.1					4.49						
13										149.8	SUNSET 1.7											
64 IP	8.00	7.30				11.53 AM	f 4.15	f 3.12		151.5	TO LIVE OAK S. N. R. R. Crossing 6.5					4.44			9.55	12.50		
108 P	8.25	7.40				12.05 PM	s 4.35	s 3.25		158.0	TO GRIDLEY 3.4					4.32			9.40	12.05 PM		
49 WP	8.40	8.00				12.15	s 4.47	s 3.33		161.4	TO BIGGS 6.0					4.25			9.30	11.39 AM		
49 P		8.10				12.25	s 5.00	s 3.43		167.4	RIOHVALE 4.1				f	4.13						
97 P	9.10	8.20				12.31	s 5.09	s 3.49		171.5	NELSON 6.6				f	4.06			9.10			
96 P	9.40	8.30				12.40	s 5.22	s 4.00		178.1	TO DURHAM 6.1					3.56			8.55	11.20		
Yard BKYWOP	10.00 AM	8.40				12.55	s 5.35 5.55	s 4.10 4.35		184.2	TO-R OHIO S. N. R. R. Crossing 7.1					3.45			8.40	11.00 AM		
29 P		8.50				1.05	6.07	4.45		191.3	NORD 2.3				f	3.29						
122 P		8.55				1.09	6.12	4.50		193.6	ANITA 2.4					3.26			7.50			
16						1.13				196.0	OANA 7.0											
130 WP		9.15				1.25	f 6.27	f 5.05		203.0	TO VINA 1.6					3.13			7.30			
15										204.6	COPELAND 5.1											
48 P		9.25				1.37	f 6.39	f 5.18		209.7	TO LOS MOLINOS 2.0					3.02						
120 PY		9.30 AM				f 1.43 PM	s 6.44 AM	s 5.26 AM		211.7	R TEHAMA					2.55 PM			7.05 AM			
	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday & Holidays	Arrive Sun. & Holidays Only	Arrive Daily		(122.7)	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily Ex. Sunday		
	(2.30) 17.36	3.30 30.03	(0.31) 34.07	(0.31) 34.07	(0.33) 32.00	(3.33) 34.56	(5.24) 22.72	(4.21) 28.21	(0.31) 34.07			(0.31) 34.07	(0.35) 30.17	(0.40) 26.40	(0.31) 34.07	(4.05) 30.05	(0.45) 23.47	(2.45) 12.44	(5.30) 19.11	(2.20) 18.60		

HOLIDAYS INDICATED ARE:

New Year's, Washington's Birthday, Decoration Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas.

Schedule time and train orders will apply at the Junction Switch at Tehama. At Roseville, schedule time and train orders for eastward trains on Roseville-Tehama line, applies at west switch of crossover, leading from No. 2 to No. 1 tracks, 400 feet west of Lincoln Street crossing.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
15	Any Station	Receive	Lincoln	Gerber
15	Any Station	Discharge		Martinez and West
16	Sheridan	Discharge		
16	Any Station	Receive	Klamath Falls	

Additional Stations:

- Walerga, 99.4
- Clayton, 118.4
- Jester, 126.0
- Rupert Spur, 138.9
- Binney Junction Tower, 141.8
- Sullivan, 146.4
- Fagan, 155.9
- Riceton, 164.1
- Faulkner, 181.9
- Gimbal, 189.1
- Soto, 198.3
- Ensign, 207.1
- Bohemia, 208.0

Capacity of Sidings and Spurs in Car Lengths	SECOND CLASS					FIRST CLASS					Distance from San Francisco via Marysville	Time Table No. 154 February 2, 1936	Distance from Dunsmuir	FIRST CLASS				THIRD CLASS		
	620					18 8 16 20								7 17 15 19				637 639 641		
	Manifest	Leave Daily				Cascade	Shasta	West Coast	Klamath	Shasta				Cascade	West Coast	Klamath	Manifest	Local Freight	Freight	
Term. Yd WOYPBK	11.55 AM					11.40 PM	11.15 PM	2.00 PM	3.10 AM	218.8	TO-R GERBER	108.8	s 4.20 AM	s 1.20 PM	s 2.40 PM	s 2.20 AM	6.15 AM	10.25 AM	11.15 PM	
85 P	12.03 PM					11.48	11.23	2.09	3.18	218.9	PROBERTA	106.8			f					
Yard 49-49 P	12.12					11.55 PM	11.30	s 2.22	s 3.29	228.4	RAWSON	103.2	4.12	1.11	s 2.32	2.12	6.05	10.10	11.05	
81 P	12.22					12.03 AM	11.38	2.33	3.38	228.9	TO RED BLUFF	98.7	s 4.05	1.04	s 2.22	2.05	5.58	10.00	10.58	
80 P	12.30					12.10	11.44	f 2.40	3.47	233.6	BLUNT	98.2	3.55	12.56	2.10	1.56	5.49	9.40	10.49	
74 WP	12.41					12.18	11.52	s 2.50	s 3.57	240.4	HOOKE	88.5	3.47	12.50	2.04	1.50	5.41	9.25	10.40	
76 P	12 49					12.22	11.57 PM	2.55	4.02	244.2	TO COTTONWOOD	81.7	s 3.30	12.41	s 1.50	1.37	5.29	9.10	10.28	
70 P	12 56					12.26	12.02 AM	s 3.01	s 4.07	247.1	OULP	77.9	3.25	12.37	1.46	1.33	5.23	8.55	10.20	
91 P	1.12					12.33	12.09	3.09	4.16	253.5	TO ANDERSON	75.0	s 3.20	12.33	s 1.42	1.29	5.18	8.45	10.15	
Yard 95 WP I	1.28					12.40	12.16	s 3.19	s 4.32	258.2	GIRVAN	68.6	3.10	12.26	1.34	1.21	5.08	8.30	10.05	
63 P	1.41					12.55	12.27	3.30	4.43	268.9	TO REDDING	63.9	s 3.03	12.20	s 1.28	1.15	5.00	8.20 AM	9.57	
No Siding P										267.2	KESWICK	58.2	2.47	12.08 PM	1.14	12.55	4.43		9.38	
49 P	1.51					1.06	12.40	3.40	4.52	268.0	TO MATHESON	54.9			s					
81 P	1.59					1.13	12.51	3.47	4.59	271.0	MOTION	54.1	2.37	11.59 AM	1.05	12.40	4.27		9.21	
85 P	2.11					1.23	1.02	f 3.58	5.10	275.7	OORAM	51.1	2.30	11.52	12.58	12.28	4.17		9.10	
57 P	2.18					1.29	1.08	f 4.04	5.16	278.8	KENNET	46.4	2.20	11.42	f 12.48	12.17	4.02		8.56	
83 YWPO	2.23					1.34	1.13	4.09	5.21	280.2	PITT	43.8	2.14	11.36	f 12.42	12.11	3.54		8.48	
45 P	2.32					1.42	1.21	f 4.17	5.29	283.8	MORLEY	41.9	2.09	11.31	12.37	12.06 AM	3.48		8.42	
82 P	2.42					1.50	1.29	f 4.25	5.37	287.6	ELMORE	38.3	2.01	11.23	f 12.29	11.58 PM	3.36		8.30	
75 P	2.51					1.58	1.40	4.33	5.45	291.1	POLLOCK	34.5	1.50	11.15	f 12.21	11.50	3.24		8.19	
81 WP	3.12					2.13	2.00	s 4.49	6.02	296.7	SMITHSON	31.0	1.40	11.07	12.13	11.42	3.12		8.08	
40 P	3.23					2.21	2.08	f 4.58	6.11	300.2	TO DELTA	25.4	1.25	10.55	f 12.01 PM	11.30	2.54		7.50	
71 P	3.33					2.30	2.17	5.07	6.21	304.0	LAMOINE	21.9	1.18	10.48	f 11.53 AM	11.23	2.42		7.39	
72 P	3.39					2.35	2.21	5.13	6.27	306.0	GIBSON	18.1	1.09	10.39	11.44	11.14	2.30		7.27	
70 WP	3.50					2.44	2.29	f 5.21	6.36	309.4	FISHER	16.1	1.04	10.34	11.39	11.09	2.21		7.20	
81 P	4.01					2.52	2.38	f 5.30	6.46	313.1	SIMS	12.7	12.56	10.26	f 11.31	11.01	2.09		7.09	
56 P	4.07					2.57	2.44	f 5.36	6.52	315.3	CONANT	9.0	12.48	10.18	f 11.23	10.53	1.58		6.58	
86 P	4.15					3.04	2.52	f 5.43	7.01	318.3	CASTELLA	6.8	12.43	10.13	f 11.18	10.48	1.50		6.50	
Term Yard PBK	4.25 PM					3.11	3.00	5.50	7.10	321.2	CASTLE CRAG	3.8	12.36	10.06	f 11.11	10.41	1.41		6.41	
Term Yd WOTPBK						s 3.15 AM	s 3.05 AM	s 5.55 PM	s 7.15 AM	322.1	DUNSMUIR YARD	0.9	12.29	9.59	11.04	10.34	1.30 AM		6 30 PM	
	Arrive Daily					Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(108.3)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	

A. B. S.

(4.30)	(3.35)	(3.50)	(3.55)	(4.05)	Time over District	(3.55)	(3.25)	(3.40)	(3.50)	(4.45)	(2.05)	(4.45)
24.06	30.02	28.25	27.65	26.52	Average Speed per Hour	27.65	31.69	29.53	28.25	22.61	21.31	22.61

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS					
Train	At	Receive or Discharge	To (or Beyond)	From (or Beyond)	Frequency
15 & 16	Antler MP 290.5	Receive and Discharge	Any Station	Any Station	
15 & 16	Sweet Briar MP 31.8	Receive and Discharge	Any Station	Any Station	
15 & 16	Castle Rock MP 316.4	Receive and Discharge	Any Station	Any Station	
7	Bet. Dunsmuir & Redding	Discharge	Any Station	East of Dunsmuir	
19	Redding and Red Bluff	Receive Revenue	Berkeley	(and beyond)	
8	Red Bluff and Redding	Discharge		Davis and beyond	
8	(Any Station Between Davis and Dunsmuir)	Receive Revenue	East of Dunsmuir	where Nos. 18 and 8 scheduled to stop.	
7	Castella	Receive	Richmond	and beyond	
17	Redding	Receive	Points west of Gerber	where train scheduled to stop	
	Red Bluff	Discharge	Klamath Falls	or points east	

Additional Stations:
 Jessup Industrial Track M. P. 249.2
 Middle Creek M. P. 261.0
 Antler Spur M. P. 290.5
 Flume Spur M. P. 311.8
 Dirigo Industrial Tracks M. P. 316.1

EASTWARD

BLACK BUTTE SUBDIVISION

WESTWARD

Capacity of Sidings and Spurs in Car Lengths	THIRD CLASS		SECOND CLASS	FIRST CLASS				Distance from San Francisco via Marysville	Time Table No. 154 February 2, 1936	Distance from Klamath Falls	FIRST CLASS				THIRD CLASS			
	624	640	622	16	20	18	8				17	15	19	7	633	623	635	
	Freight	Local Freight and Logger	Manifest	West Coast	Klamath	Cascade	Shasta				Cascade	West Coast	Klamath	Shasta	Freight	Freight	Manifest	
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily				
Term. Yd PBK	7.30 PM		6.20 PM					321.2	DUNSMUIR YARD	108.0					4.05 PM	9.00 PM	10.15 PM	
Term. Yd WOTPBK	7.40		6.25		6.05 PM	7.35 AM	3.30 AM	3.20 AM	322.1	TO-R DUNSMUIR (Pass Sta)	107.1	s 9.45 AM	s 10.50 AM	s 10.20 PM	s 12.10 AM			
P							f	325.4	SHASTA SPRINGS	103.8			f					
86 P	7.55		6.37		6.15	7.47	3.41	3.32	326.1	SMALL	103.1	9.34	10.39	10.10	11.59 PM	3.48	8.40	9.53
86 P	8.01		6.42		6.20	7.52	3.46	f 3.36	327.6	CANTARA	101.6	9.29	10.34	10.05	11.55	3.43	8.35	9.48
84 P	8.20		7.00		6.32	8.04	3.58	f 3.48	331.4	MOTT	97.8	9.17	10.20	9.53	11.43	3.30	8.20	9.35
87 P	8.30		7.07		6.37	8.10	4.03	f 3.54	333.5	AZALEA	95.7	9.12	10.15	9.48	11.38	3.23	8.00	9.28
108 WYP	8.45		7.20		s 6.48	s 8.25	4.13	s 4.04	336.7	TO MOUNT SHASTA	92.5	9.04	f 10.07	s 9.40	f 11.30	3.13	7.35	9.18
93 P	9.13		7.25		6.53	8.30	4.17	f 4.08	339.1	UPTON	90.1	8.59	10.02	9.32	11.25	3.07	7.25	9.13
80 YP	9.28		7.30		6.57	8.35	4.21	f 4.13	342.0	DEETZ	87.2	8.55	9.58	9.28	11.21	3.01	7.18	9.07
M-77 E-80 Yd W-111 WYP	9.40 PM	4.05 AM	7.52		f 7.05	8.48	4.28	s 4.20 AM	345.0	TO-R BLACK BUTTE	84.5	8.48	f 9.51	s 9.20	11.11 PM	2.52	7.05 PM	8.57
82 P		4.30	8.12		7.17	9.05	4.40		352.2	HOTLUM	77.3	8.35	9.37	9.05		2.30		8.37
113 P		4.49	8.24		7.27	9.15	4.49		357.2	BOLAM	72.3	8.27	9.29	f 8.55		2.16		8.24
83 P		5.01	8.32		7.33	9.24	4.54		360.7	ANDESITE	68.8	8.22	9.24	8.48		2.07		8.13
83 P		5.14	8.42		7.39	9.32	5.00		364.8	COUGAR	64.7	8.17	9.19	8.42		1.46		8.00
Spur 202									366.6	POMEROY	62.9							
125 WYP		5.30	9.02		f 7.45	9.40	5.07		368.5	TO GRASS LAKE	61.0	8.12	9.14	f 8.36		1.31		7.45
58 P		5.43	9.12		7.52	9.47	5.14		373.1	ERICKSON	56.4	8.06	9.08	8.27		1.09		7.20
81 P		5.52	9.19		7.58	9.52	5.19		377.2	PENYOYAR	52.3	8.01	9.03	f 8.21		12.54		7.10
No siding YP					s 8.04	f 9.57	5.24		380.6	TO LEAF	48.9	7.57	f 8.58	s 8.15				
91 WP		6.30	9.27		s 8.08	10.01	5.26		381.9	BRAY	47.6	7.55	8.56	f 8.08		12.39		7.00
80 P		6.45	9.34		8.13	10.06	5.31		386.0	KEGG	43.5	7.49	8.50	f 7.58		12.24		6.50
60 P		6.54	9.41		8.18	10.11	5.36		390.0	JEROME	39.5	7.44	8.45	7.51		12.14		6.43
96 101 WY P		7.15	9.55		s 8.25	10.16	5.41		394.0	MT. HEBRON	35.5	7.39	8.40	f 7.45		12.01 PM		6.36
61 P		7.25	10.00		s 8.30	10.19	5.44		396.7	TO MACDOEL	32.8	7.36	8.37	s 7.41		11.45 AM		6.31
80 P		7.34	10.03		8.33	10.22	5.46		398.3	SOMERSET	31.2	7.34	8.35	7.36		11.42		6.28
61 P		7.45	10.11		8.38	10.27	5.51		402.6	MAY	26.9	7.29	8.30	7.31		11.34		6.21
96 P		8.24	10.19		s 8.45	f 10.32	5.56		407.1	TO DORRIS	22.4	7.24	f 8.24	s 7.25		11.26		6.14
61 P		8.34	10.27		8.52	10.38	6.02		411.6	CALOR	17.9	7.18	8.18	7.16		11.16		6.06
82 P		8.42	10.34		8.57	10.43	6.07		415.6	WORDEN	13.9	7.13	8.13	f 7.11		11.07		5.59
61 P		8.48	10.39		9.02	10.47	6.11		418.2	ADY	11.3	7.10	8.10	7.06		11.01		5.53
60 P		8.56	10.46		9.07	10.52	6.17		422.3	MIDLAND	7.2	7.05	8.05	f 7.01		10.52		5.46
82		9.05	10.53		9.12	10.57	6.22		426.2	TEXUM	3.3	7.00	8.00	6.55		10.45		5.40
Term. Yd WYOTPBK	9.20 AM		11.00 PM		s 9.20 PM	s 11.05 AM	s 6.30 AM		429.5	TO-R KLAMATH FALLS	0.0	6.55 AM	7.55 AM	6.50 PM		10.30 AM		5.30 PM
Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(108.0)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	
(2.10)	(5.15)	(4.40)	(3.15)	(3.30)	(3.00)	(1.00)	.....Time over District.....	(2.50)	(2.55)	(3.30)	(0.59)	(5.35)	(1.55)	(4.45)				
10.84	16.09	23.14	32.95	30.60	35.70	22.60	.....Average Speed per Hour.....	38.39	36.72	30.60	22.98	19.34	12.26	22.77				

At Black Butte schedule time and train orders of Cascade Line trains apply at the train-order signal. Schedule time and train orders of trains going to or coming from the Siskiyou Line apply at the Junction switch. Cascade Line trains going to or coming from the Cascade Line at Black Butte, including extra trains whose running orders terminate there, may occupy the main track between their initial switch and the train-order signal, but must not pass the junction switch going east or the east water column going west unless the main track is seen to be clear between those points.

First class trains of Cascade Line, with orders to meet or pass at Black Butte, use middle Siding, except when order states that order received by the westward train at Black Butte.

The schedule time and train orders of first-class trains at Klamath Falls apply at passenger station. Water Supply—Three quarter mile east of Cantara.

Additional Stations: Pioneer Spur M. P. 335.1
Barnard Spur M. P. 335.4
Graham Industrial Track M. P. 356.0
Ivan Spur M. P. 413.6

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS				
Train	At	Receive or Discharge	To (or Beyond)	From (or Beyond)
7 & 8 20	Shasta Retreat . MP 323.8 (Grass Lake, Bray, Mt. Hebron, Macdoel)	Receive and Discharge Discharge Receive	Any Station Eugene	Any Station Gerber and west

Capacity of Sidings and Spurs in Car Lengths	SECOND CLASS			FIRST CLASS			Distance from San Francisco via Marysville	Time Table No. 154 February 2, 1936	Distance from Crescent Lake	FIRST CLASS			SECOND CLASS				
		626	386		16	20				18	17	15	19	621	387	647	
		Manifest	G. N. Ry. Freight		West Coast	Klamath				Cascade	Cascade	West Coast	Klamath	Manifest	G. N. Ry. Freight	Freight	
		Leave Daily	Leave Daily		Leave Daily	Leave Daily	Leave Daily			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	
Term. Yd. WOTYPBK		1.00AM	12.10AM		9.30PM	11 15AM	6.45 AM	429.5	TO-R KLAMATH FALLS	99.1	s 6.45AM	s 7.40AM	s 6.40PM		9.00AM	2.30PM	3.45PM
63 P		1.10	12.16		9.35	11.20	6.50	431.9	CHELSEA	96.7	6.40	7.35	6.35		8.52	2.21	3.37
66 P		1.15	12.22		9.40	11.25	6.55	434.1	WOCUS	94.5	6.37	7.32	6.30		8.46	2.15	3.31
110 P		1.23	12.30		s 9.47	11.33	7.01	438.9	TO ALGOMA	89.7	6.31	7.25	s 6.23		8.37	2.05	3.22
62 P		1.30	12.39		9.52	11.38	7.06	442.6	OUXY	86.0	6.26	7.19	f 6.16		8.30	1.55	3.15
82 P		1.40	12.48		f 9.59	11.45	7.11	447.2	TO MODOC POINT	81.4	6.21	7.11	s 6.10		8.20	1.45	3.05
67 P		1.50	12.57		10.05	11.52AM	7.16	451.8	LOBERT	76.8	6.16	7.03	6.03		8.10	1.35	2.55
170 Yard WYPK		2.00	1.06		s 10.14	f 12.01PM	7.23	456.7	TO OHIOQUIN	71.9	6.10	f 6.57	s 5.56		8.00	1.25	2.45
87 Yard P		2.04	1.10		f 10.17	12.04	7.25	458.0	PINE RIDGE	70.6	6.08	6.53	f 5.49		7.53	1.17	2.29
63 P		2 12	1.17		10.22	12.09	7.30	461.1	BRAYMILL	67.5	6.04	6.49	5.44		7.46	1.10	2.23
85 P		2.25	1.30		10.28	12.14	7.35	465.3	OALIMUS	63.3	5.59	6.44	5.39		7.35	1.00	2.15
122 Yard WYP		2.40	1.43		s 10.35	12.20	7.41	470.3	KIRK	58.3	5.53	6.38	f 5.33		7.25	12.49	2.04
102 P		2.47	1.54		10.41	12.25	7.46	474.5	FUEGO	54.1	5.48	6.33	f 5.26		7.16	12.40	1.57
102 P		2.55	2.03		10.47	12.30	7.51	478.6	CHINCHALO	50.0	5.43	6.28	f 5.20		7.07	12.30	1.48
102 WP		3.10	2.15		10.53	12.35	7.56	483.4	LENZ	45.2	5.38	6.23	f 5.14		6.54	12.15	1.32
102 P		3.20	2.25		10.59	12.40	8.01	488.2	MAZAMA	40.4	5.33	6.18	5.08		6.46	12.01PM	1.24
102 P		3.27	2.35		11.05	12.45	8.06	492.6	YAMSAY	36.0	5.28	6.13	f 5.03		6.38	11.45AM	1.16
102 P		3.36	2.45		11.12	12.51	8.12	498.0	DIAMOND LAKE	30.6	5.22	6.07	f 4.57		6.29	11.30	1.07
102 PBK		3.45	2.55AM		f 11.20	f 12.58	8.18	503.3	TO-R CHEMULT	25.3	5.16	f 6.01	s 4.50		6.20	11.20AM	12.58
102 YP		3.51			11.26	1.03	8.23	507.2	PAUNINA	21.4	5.11	5.56	f 4.44		6.14		12.49
102 P		4 03			11.37	1.13	8.32	514.8	MOWIOH	13.8	5.03	5.48	f 4.34		6.01		12.36
102 P		4.10			11.46	1.20	8.38	519.5	KOTAN	9.1	4.57	5.42	4.28		5.53		12.28
102 P		4.17			11.54PM	1.27	8.43	524.0	UMLI	4.6	4.51	5.36	f 4.22		5.45		12.20
Term. Yd. WOYPBK		4.25AM			s 12.05AM	s 1.35PM	8.50AM	528.6	TO-R ORESCENT LAKE	0.0	4.45AM	5.30AM	4.15PM		5.35AM		12.10PM
		Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily	Arrive Daily		(99.1)		Leave Daily	Leave Daily	Leave Daily		Leave Daily	Leave Daily	Leave Daily

(3.25)	(2.45)	(2.35)	(2.20)	(2.05)	.....Time over District.....	(2.00)	(2.10)	(2.25)	(3.25)	(3.10)	(3.35)
29.00	26.83	38.36	42.48	47.57	.....Average Speed per Hour.....	49.55	45.74	41.00	29.00	23.30	27.66

The schedule time of Nos. 386 and 387 at Klamath Falls applies at Telegraph Office.
 The schedule time and train orders of first-class trains at Klamath Falls apply at passenger station.

At Crescent Lake Sacramento Division first-class schedules and train orders referring to such schedules apply at the west switch of the passenger siding. Portland Division first-class schedules and train orders referring to such schedules apply at the east switch of the passenger siding. The main track at Crescent Lake between the east and west switches of the passenger siding may be used by any first-class train if track is known to be clear. Passenger siding is track between main track and station building.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS				
Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
20	Any Station	Discharge		Davis
20	{ Algoma Modoc Point Pine Ridge Kirk	{ Discharge Receive	Eugene	Gerber and west
18	Chiloquin	{ Receive Revenue Pags.	Eugene and beyond	
18	Chiloquin	{ Discharge Revenue Pags.		Davis and west

EASTWARD

BLACK BUTTE SUBDIVISION

WESTWARD

Capacity of Sidings and Spurs in Car Lengths	Time Table No. 154 February 2, 1936		Distance from Ashland	FIRST CLASS		THIRD CLASS	
	THIRD CLASS	FIRST CLASS		7	640	623	
	624	8		Shasta	Local Freight and Logger	Freight	
	Freight	Shasta					
	Leave Daily	Leave Daily		Arrive Daily	Arrive Daily	Arrive Daily	
M-27 E-82 Yd W-113 WYP	9.50 PM	4.21 AM	345.0	TO-R BLACK BUTTE 2.0	s 11.10 PM	3.50 AM	6.40 PM
No Siding P Spur			347.0 345.8	IGERNA 2.6			
56-109 Yard WOYPH	10.53	s 4.38	348.4	TO-R WEED 5.0	s 10.53	3.30 AM	6.00
50 WYP	11.10	s 4.52	353.4	TO EDGEWOOD 3.7	s 10.40		4.50
No Siding			357.1	METCALF 3.9			
71 P	11.40	s 5.10	361.0	TO GAZELLE 8.1	s 10.25		4.20
61 P	11.59 PM	s 5.22	369.1	TO GRENADA 6.4	s 10.11		3.50
60 Yard P	12.18 AM	s 5.38	375.5	TO MONTAGUE 5.2	s 10.00		3.30
68 YP	12.30	f 5.47	380.7	SNOWDON 5.5	f 9.50		2.35
55 P	12.50	s 5.59	386.2	AGER 2.2	s 9.38		2.15
No Siding P			388.4	THRALL 2.1			
No Siding		f	390.5	KLAMATHON 2.6	f		
79 Yard WOYP	1.30	s 6.25	393.1	TO HORN BROOK 2.5	s 9.22		1.45
No Siding P			395.6	PILOT 1.9			
70	1.50	f 6.39	397.5	ZULEKA 4.3	f 9.09		1.10
61 P	2.10	s 6.52	401.8	TO HILT 1.0	s 8.58		12.50
No Siding			402.8	COLE 0.8			
No Siding WP			403.6	ORCAL 3.8			
80 P	2.45	f 7.06	407.4	GREGORY 2.6	f 8.44		12.15 PM
60 P	2.55	7.12	410.0	WHITE POINT 2.2	8.37		11.50 AM
101 TP	3.15	s 7.20	412.2	SISKIYOU 1.9	s 8.30		11.35
No Siding P			414.1	VIADUCT 1.5			
No Siding			415.6	WALL CREEK 1.3			
No Siding P			416.9	FOLIAGE 2.4			
69 WP	3.55	f 7.42	419.3	STEINMAN 3.6	f 8.09		10.50
73 P	4.20	f 7.52	422.9	MISTLETOE 2.6	f 8.00		10.30
No Siding P			425.5	CLAWSON 3.6			
Term. Yd WOTPBK	4.45 AM	s 8.10 AM	429.1	TO-R ASHLAND	7.45 PM		10.00 AM
	Arrive Daily	Arrive Daily		(85.3)	Leave Daily	Leave Daily	Leave Daily
	(6.55) 12.43	(3.49) 22.34		.....Time over District.....	(3.25) 24.96	(0.20) 13.80	(8.40) 9.84
				.....Average Speed per Hour.....			

At Black Butte schedule time and train orders of Cascade Line trains apply at the train-order signal. Schedule time and train orders of trains going to or coming from the Siskiyou Line apply at the Junction switch. Cascade Line trains going to or coming from the Cascade Line at Black Butte, including extra trains whose running orders terminate there, may occupy the main track between their initial switch and the train-order signal, but must not pass the junction switch going east or the east water column going west unless the main track is seen to be clear between those points.

At Ashland Sacramento Division first-class schedules and train orders referring to such schedules apply at the west switch of siding. Portland Division first-class schedules and train orders referring to such schedules apply at the east switch of siding. The main track at Ashland between the east and west switches of the siding may be used by any first-class train if track is known to be clear. Siding is first track to right of main track going east and extends from switch opposite 7th Street 262 feet east of section house to switch 150 feet east of freight house.

Water supply one quarter mile east of Grenada.

ADDITIONAL FLAG STOPS TO RECEIVE AND DISCHARGE PASSENGERS				
Train	At	Receive and Discharge	To (or Beyond)	From (or Beyond)
7 and 8	Colestin MP 409	Receive and Discharge	Any Station	Any Station

EASTWARD

MERRILL SUBDIVISION

WESTWARD

Capacity of Sidings and Spurs in Car Lengths	Time Table No. 154 February 2, 1936		Distance from San Francisco	FIRST CLASS		SECOND CLASS	
	628	318		629	631		
	Northwest Special	Passenger		Mixed	Local Freight		
	Leave Daily	Leave Mon., Wed., Fri.		Arrive Tues., Thurs., Sat.	Arrive Daily	Arrive Daily	
Term. Yd WOYPBK		2.50 PM	457.9	R ALTURAS YARD 0.9	97.9	12.10 PM	
Yard P		2.55 PM	458.8	TO-R ALTURAS 0.9	98.8	12.05 PM	
Term. Yd WOYPBK	10.15 AM		457.9	ALTURAS YARD 2.0	97.9		8.00 PM
66	10.20		459.9	JUNIPER 10.7	95.9		7.53
76 P	10.45		470.6	FLETCHER 7.1	85.2		7.25
81 WYP	11.00		477.7	TO CANBY 7.7	78.1		7.05
79 YP	11.25		485.4	AMBROSE 4.4	70.4		6.25
77 P	11.35		489.8	BOLES 3.8	66.0		6.00
85 Yard WYP	11.45 AM		493.6	HAOKAMORE 7.2	62.2		5.35
77 P	12.05 PM		500.8	MEARES 5.3	55.0		4.50
84 WYP	12.20		506.1	PEREZ 2.8	49.7		4.35
No Siding			508.9	DRY LAKE 6.5	46.9		
77 P	12.55		515.4	CORNELL 8.9	40.4		4.00
77 WP	1.15		524.3	STRONGHOLD 1.1	31.5		3.35
I No Siding			525.4	Great Northern Ry. Crossing 4.3	30.4		
32 P	1.55		529.7	TO TULE LAKE 3.5	26.1		3.25
No Siding P	2.04		533.2	HATFIELD 2.8	22.6		3.10
No Siding	2.15		536.0	MALONE 1.9	19.8		3.02
77 P	2.55		537.9	TO MERRILL 5.9	17.9		2.55
No Siding	3.15		543.8	HOSLEY 3.3	12.0		2.30
77 P	3.25		547.1	STUKEL 8.7	8.7		2.23
Term. Yd WOTPBK	4.00 PM		555.8	TO-R KLAMATH FALLS	0.0		2.00 PM
	Arrive Daily	Arrive Mon., Wed., Fri.		(98.8)		Leave Tues., Thurs., Sat.	Leave Daily
	(5.45) 17.02	(0.05) 10.80		.....Time over District.....	(0.05) 10.80	(6.00) 16.31	
				.....Average Speed per Hour.....			

Schedule time and train orders first class trains Alturas Yard apply at junction switch Lakeview Branch.

Capacity of Sidings and Spurs in Car Lengths	Time Table No. 154 February 2, 1936		Distance from San Francisco	SECOND CLASS		SECOND CLASS	
	632	630		629	631		
	Local Freight	Mixed		Mixed	Local Freight		
	Leave Tues., Thurs., Sat.	Leave Mon., Wed., Fri.		Arrive Tues., Thurs., Sat.	Arrive Mon., Wed., Fri.	Arrive Daily	Arrive Daily
Yard P	1.25 PM	3.10 PM	457.8	TO-R ALTURAS 1.9	54.5	s 11.00 AM	12.05 PM
		f	459.7	MATTES 7.2	52.6	f	
Spur 6		f	466.9	SURPRISE 11.7	45.4	f	
26-P	2.15	s 4.00	478.6	DAVIS CREEK 2.7	33.7	s 9.40	10.35 AM
Spur 24		f	481.3	GARRET 9.9	31.0	f	
10-P	2.45	s 4.30	491.2	TO WILLOW RANCH 3.9	21.1	s 8.55	10.05
Spur 2		f	495.1	JOFFRE 2.7	17.2	f	
See Note 23-P	3.35	s 5.20	497.8	FAIRPORT 5.7	14.5	s 8.25	9.25
Spur 1		f	503.5	SNELLING 8.8	8.8	f	
Term. Yd WOTPBK	4.45 PM	s 6.30 PM	512.3	TO-R LAKEVIEW	0.0	7.45 AM	8.45 AM
	Arrive Tues., Thurs., Sat.	Arrive Mon., Wed., Fri.		(54.5)		Leave Tues., Thurs., Sat.	Leave Mon., Wed., Fri.
	(3.20) 16.35	(3.20) 16.35		.....Time over District.....	(3.15) 16.76	(3.20) 16.35	
				.....Average Speed per Hour.....			

Water Supply Whittier Tank MP 485.8 Siding at Fairport located 1525 feet East of Station. Schedule Time and Train Orders apply at Siding.

SACRAMENTO SUB-DIVISION

EASTWARD

WESTWARD

Time Table No. 154
February 2, 1936

Table with columns for Capacity of Sidings in Car Lengths, Second Class (512 Mixed), Distance from San Francisco, Stations (Knights Landing and Oroville Branches), Third Class (513 Mixed), and Distance from Oroville. Includes stations like Woodland, Gario, Peart, Courtis, Knights Landing, Grace, ByPass, Chandler, Marcuse, Tudor, Abbott, Oswald, Bogue, Yuba City, Marysville, Ramirez, Honcut, Hearst, Palermo, Villa Verona, and Oroville.

Additional Stations:
Laugenour, 89.4
Saccarus, 89.7
Coranco, 92.4
Cunard, 96.1
Vernon, 98.7
Coulter, 101.8
Lee, 102.7
Wilson, 109.2
Messick, 114.5
Binney Junction Tower, 122.7
Mello, 126.5
Mission, 131.8
Coxlane, 139.2
Baggett, 146.5

Additional Flag Stops to Receive or Discharge Passengers:
Nos. 512 and 513
Laugenour Coulter
Saccarus Lee
Coranco Wilson
Cunard Messick
Vernon

EASTWARD

SACRAMENTO SUB-DIVISION

WESTWARD

Time Table No. 154
February 2, 1936
Placerville Branch

Table with columns for Capacity of Sidings in Car Lengths, Second Class (518 Local Freight), First Class (300 Motor, 298 Motor), Distance from San Francisco, Stations (Sacramento, Jot. Switch, R Street, Sacramento, Brighton, Perkins, Manlove, Mayhew, Routier, Mills, Mather, Citrus, Nimbus, Alder Creek, Natoma, Folsom, Nagle, White Rock, Latrobe, Dugan, Bullard, Shingle Springs, El Dorado, Diamond Springs, Placerville), Distance from Placerville, and First/Third Class (299 Motor, 519 Local Freight). Includes stations like Sacramento, Jot. Switch, R Street, Sacramento, Brighton, Perkins, Manlove, Mayhew, Routier, Mills, Mather, Citrus, Nimbus, Alder Creek, Natoma, Folsom, Nagle, White Rock, Latrobe, Dugan, Bullard, Shingle Springs, El Dorado, Diamond Springs, and Placerville.

EASTWARD

SACRAMENTO SUB-DIVISION

WESTWARD

Time Table No. 154
February 2, 1936
Fair Oaks Branch

Table with columns for Capacity of Sidings in Car Lengths, Stations (Fair Oaks), Distance from Fair Oaks, and First/Third Class (299 Motor, 519 Local Freight). Includes stations like Fair Oaks.

Additional Stations:
Ramona, 95.5
Brown, 97.0
Alden, 98.0
Bradshaw 99.8
Boyd, 100.3
Soudan, 103.7
Salsbury, 105.2
Prattrock, 111.4
Malby, 119.4
Harvey, 121.7
Cochrin, 123.1
Swift, 127.8
Brela, 128.1
Brandon, 129.8
Bennett, 134.0
Apex, 147.7

Additional Flag Stops to Receive or Discharge Passengers:
Nos. 298, 299 and 300
Brown Salsbury Soudan Crossing
Malby Alden Cochrin 141-C
Harvey Prattrock Bryants Flonellis
Bradshaw Ramona Crossing Brela
Brandon
Bennett
Cummings
and Apex

EASTWARD

Capacity of Sidings in Car Lengths		FIRST CLASS 520 Mixed Leave Mon., Friday	Distance from San Francisco
Yard PY		9.10AM	108.3
40	f		112.3
33	f		116.0
101	W s	9.45	120.8
30	f		124.4
35	f		128.8
97	s	10.30	133.0
50	f		143.2
39	W s	11.10	145.9
33	s	11.30AM	150.4
64	f		155.6
40	f		162.1
33	f		165.9
84	W s	12.50PM	170.0
42	PY s	1.25PM	180.4
		Arrive Mon., Friday (4.15) 16.64	

Time Table No. 154
February 2, 1936

Colusa Branch

STATIONS

	Distance from Wyo	FIRST CLASS 521 Mixed Arrive Tues., Saturday
R HARRINGTON	4.0	s 11.00AM
COLLEGE CITY	3.7	f
GRAINO	4.8	f
TO GRIMES	3.6	s 10.25
SYCAMORE	4.4	f
DOLAN	4.2	f
TO COLUSA	10.2	s 9.50
STEGEMAN	2.7	f
PRINCETON	4.5	s 9.00
ODORA	5.2	s 8.45
GLENN	6.5	f
ORDBEND	3.8	f
ROTAVELE	4.1	f
TO HAMILTON	10.4	s 7.50
WYO	0.0	7.20AM
		Leave Tues., Saturday (3.40) 19.67
.....Time over District.....		
.....Average Speed per Hour.....		

WESTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
P	96.5
30 P	96.9
33	98.4
39 WP	100.4
33 P	101.7
55 P	105.1
33	107.2
55 P	109.3
51 P	111.2
YP	111.8
44	113.3
15 (Spur)	115.2
24	117.3
35 (Spur)	

EASTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
P	96.5
30 P	96.9
33	98.4
39 WP	100.4
33 P	101.7
55 P	105.1
33	107.2
55 P	109.3
51 P	111.2
YP	111.8
44	113.3
15 (Spur)	115.2
24	117.3
35 (Spur)	

Time Table No. 154
February 2, 1936

Sutter Basin Branch

STATIONS

	Distance from Josephine
R GRACE	0.4
MARCHANT	1.5
MAOKERT	2.0
ROBBINS	1.3
SEYMOUR	3.4
SUBACO	2.1
PELGER	2.1
EVERGLADE	1.9
HINSDALE	0.6
SHEFFIELD	1.5
TISDALE	1.9
PROGRESS	2.1
JOSEPHINE	0.0
(20.8)	
.....Time over District.....	
.....Average Speed per Hour.....	

WESTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
P	96.5
30 P	96.9
33	98.4
39 WP	100.4
33 P	101.7
55 P	105.1
33	107.2
55 P	109.3
51 P	111.2
YP	111.8
44	113.3
15 (Spur)	115.2
24	117.3
35 (Spur)	

EASTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
Term. Yard WOTYPBK	88.8
Yard	89.3
Yard P	89.6
Yard	91.8
60	94.2
60	97.5
60 P	105.3
55	107.9
44	111.2
Yard 61 PWY	113.4
Yard PWBY	121.2

Time Table No. 154
February 2, 1936

Walnut Grove Branch

STATIONS

	Distance from Isleton
TO-R SACRAMENTO	0.5
S. N. R. R. Crossing	0.3
JOT. SWITCH, R STREET	2.2
BATHS	2.4
DEL RIO	3.3
FREPORT	7.8
HOOD	4.0
LAMBERT	3.3
MOFUBA	2.2
TO WALNUT GROVE	7.8
TO-R ISLETON	0.0
(32.4)	
.....Time over District.....	
.....Average Speed per Hour.....	

WESTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
TO-R SACRAMENTO	0.5
S. N. R. R. Crossing	0.3
JOT. SWITCH, R STREET	2.2
BATHS	2.4
DEL RIO	3.3
FREPORT	7.8
HOOD	4.0
LAMBERT	3.3
MOFUBA	2.2
TO WALNUT GROVE	7.8
TO-R ISLETON	0.0
(32.4)	
.....Time over District.....	
.....Average Speed per Hour.....	

Additional Stations: Oak Flat 125.4, Moda 175.2 and Cory 178.6.
Additional Flag Stops to Receive or Discharge Passengers: Nos. 520 and 521, at road-crossing 300 feet west of M.P. 139. 148 f. Moda and Cory.

Additional Stations: Charles Mile Post 93.0, Pocket 96.4, Content 98.9, Cronin 100.1, Mosher 100.9, Acacia 102.6, Rosebud 103.3, Locke 112.6.

EASTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
7	143.0
17	144.2

Time Table No. 154
February 2, 1936

Dantoni Branch

STATIONS

	Distance from Dantoni Jct.
DANTONI JOT.	3.2
LINDA	1.2
DANTONI	0.0
(4.4)	

WESTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
30 P	96.9
26	97.6
5 P	99.4

EASTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
64 WOYBKP	149.9
7 Spur	152.3
20	155.8
10	159.6
9	163.6
19 PT	166.9

Time Table No. 154
February 2, 1936

Fruto Branch

STATIONS

	Distance from Fruto
TO-R WILLOWS	2.4
LOSA	3.5
KURAND	3.8
MILLSHOLM	4.0
ATHENA	3.3
R FRUTO	0.0
(17.0)	
.....Time over District.....	
.....Average Speed per Hour.....	

WESTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
Spur 16	93.5
22	96.3
Spur 68	99.2
19Y	102.4
Spur 14	106.1
	107.3

Time Table No. 154
February 2, 1936

River Farms Branch

STATIONS

	Distance from Boyer
KNIGHTS LDG. JOT.	2.8
EASTHAM	2.9
AYRSHIRE	3.2
TYNDALL	3.7
JIMENO	1.2
BOYER	0.9
END OF TRACK	
13.8	

WESTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
Spur 16	93.5
22	96.3
Spur 68	99.2
19Y	102.4
Spur 14	106.1
	107.3

EASTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
Yard OYWBKP	184.2
	186.6
f	189.3
18 f	192.6
21 WP s	198.2
12 s	203.2
3 P s	206.2
10 (Spur) WP s	210.0
PY Yard s	215.4
Arrive Mon., Friday (2.45) 11.35	

Time Table No. 154
February 2, 1936

Stirling City Branch

STATIONS

	Distance from Stirling City
TO-R OHIO	2.4
S. N. R. R. Crossing	2.7
DREDGE	3.3
OROUGH	5.6
PARADISE	5.0
MAGALIA	3.0
APPLETON	3.8
DOON	5.4
R STIRLING CITY	0.0
(31.2)	
.....Time over District.....	
.....Average Speed per Hour.....	

WESTWARD

Capacity of Sidings in Car Lengths	Distance from San Francisco
TO-R OHIO	2.4
S. N. R. R. Crossing	2.7
DREDGE	3.3
OROUGH	5.6
PARADISE	5.0
MAGALIA	3.0
APPLETON	3.8
DOON	5.4
R STIRLING CITY	0.0
(31.2)	
.....Time over District.....	
.....Average Speed per Hour.....	

Additional Flag Stops to Receive or Discharge Passengers: Nos. 526, 527, Barber (Chico yard), Oakdale Farms, Ostrander, Wagstaff, Optimo, Bush and Luce.
Additional Stations: Barber 185.1, Oakdale Farms 196.6, Ostrander 199.6, Wagstaff 200.2, Optimo 202.2, Bush 203.9, Luce 207.1.
Emergency water supply, Stirling City.

SACRAMENTO SUBDIVISION

SACRAMENTO YARD—OUTBOUND, VIA ELVAS									SACRAMENTO YARD—INBOUND, VIA ELVAS								
Terminal Yard	SECOND CLASS			FIRST CLASS					Distance from San Francisco	Time Table No. 154 February 2, 1936	Distance from End of Division	FIRST CLASS				THIRD CLASS	
	518 Local Freight	15 West Coast	235 Passenger	300 Motor	237 Passenger	298 Motor	231 Passenger	299 Motor				16 West Coast	232 Passenger	282 Passenger	519 Local Freight		
	Leave Daily Ex. Sunday	Leave Daily	Leave Sun. & Holidays	Leave Saturday Only	Leave Daily Ex. Sundays & Holidays	Leave Daily Ex. Saturday	Leave Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Monday					
Yard		7.30 PM	5.10 PM	4.05 PM	3.20 PM	2.40 PM	8.20 AM	88.8									
Yard	5.30 AM							89.8				12.15 PM					
Yard I	5.40	7.40	5.20	4.15	3.30	2.50	8.30	91.8		8.10	8.45	12.40	9.10	12.01 PM			
Yard I	5.50 AM	7.45 PM	5.25 PM	4.22 PM	3.35 PM	2.55 PM	8.35 AM	94.8		8.05 AM	8.40 AM	12.35 PM	9.05 PM	11.50 AM			
I								95.8									
	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Sun. & Holidays	Arrive Saturday Only	Arrive Daily Ex. Sundays & Holidays	Arrive Daily Ex. Saturday	Arrive Daily			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Monday			

Time Table No. 154
February 2, 1936

STATIONS

TO-R SACRAMENTO (Passenger Station) 1.0	Double Track	7.0	8.20 AM	8.55 AM	12.50 PM	9.20 PM
R SACRAMENTO (12th Street) 2.0		6.0				
ELVAS 3.0		4.0	8.10	8.45	12.40	9.10
BRIGHTON 1.0		1.0	8.05 AM	8.40 AM	12.35 PM	9.05 PM
END OF SAC TO DIV. (7.0)		0.0				

Trains moving from Brighton to Elvas are Eastward, and Elvas to Sacramento, Westward.
Trains moving from Sacramento to Elvas are Eastward, and Elvas to Brighton, Westward.

Holidays indicated are;
New Year's, Washington's Birthday, Decoration Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas.

Brighton is register station for scheduled trains to and from Placerville only.
No. 16 will stop on flag at Brighton on Sundays only.

SPECIAL INSTRUCTIONS



RULE 2. Watch Inspectors.
San Francisco, S. A. Pope, Manager of Time Service, 65 Market St.
Sacramento, H. T. Harger 1022 K St.
Roseville, H. T. Harger
Sparks, W. R. Adams & Son
Placerville, Leo C. Burger
Willows, Robt. E. Boyd
Orland, L. Schnell
Oroville, R. A. Williams
Marysville, Milton Haney
Chico, J. R. Dupen

RULES 10 (G) and 10 (H). On double track between Sparks and east end of tunnel No. 41, signals, except fixed signals used by trackmen, will be placed on right of track in direction of movement.

RULE 14. Light engines arriving Dunsmuir from East, desiring to enter roundhouse lead, will sound whistle signal as follows: "Short, long, two short."

RULE 14 (d). As specified below, four long one short sounds of whistle will be indication that flagman may return from west as prescribed by Rule 99.

Tehama on Davis-Gerber Line.
Siskiyou Line trains to recall flagman between Junction Switch Black Butte and Weed, and Modoc Line trains to recall flagman between Stukel and Klamath Falls.

RULE 14 (e). As specified below, six long sounds of whistle will be indication that flagman may return from east as prescribed by Rule 99.
Roseville on Roseville-Tehama Line.
Brighton on Sacramento-Placerville Line.
Davis on Davis-Gerber Line.
Oroville on Swayne Lumber Co. Logging Road.

Siskiyou Line trains to recall flagman between Junction Switch Black Butte and Weed, and Modoc Line trains to recall flagman between Stukel and Klamath Falls.

RULES 17 and 19. Night signals will be displayed through tunnels and sheds.

RULE D-71 and RULE 72. Trains between Elvas and Sacramento, and between Elvas and Brighton, and eastward trains via Elvas from Brighton to Roseville will move irrespective of time-table superiority when moving with the current of traffic.

RULE S-72. Westward trains are superior to trains of the same class in the opposite direction.

RULE 83. Westward second class and extra trains passing Sacramento will not comply with Rule 83. A proceed signal from switch-tender at Front Street, Sacramento, green flag by day or green light by night and in addition a clear indication in Signal No. S. A. 887, located at east end of bridge, will indicate that all first-class overdue trains have left.

RULE 83 (A). At the following stations, only the trains indicated will register.
Newcastle No. 210.
Truckee—First class trains and trains originating and terminating.
Colfax
Chico
Marysville
Harrington
Willows
Orland
Chemult
Trains originating and terminating.

Alturas Yard.—Trains originating and terminating, except Nos. 317 and 318 will register at Alturas.
Woodland—Except No. 19.
Sacramento, 12th St.—Trains Terminating. (Information to be telephoned to operator Sacramento Passenger Station).

RULE 83 (B). At open train-order offices, trains may register by ticket as follows:
Nos. 7, 8, 17 and 18 at Woodland.
Truckee—First-class trains.
Roseville Pass Station—First-class trains.
Klamath Falls—Westward Great Northern R.R. trains.
Crescent Lake—No. 17.
Black Butte
Folsom.—Register at Junction Switch, Folsom. Trains required to go to Folsom or trains originating or terminating at Folsom will on return to the Junction register the same information as shown on register at Folsom.

RULE 83 (D). Western Division trains, except first-class trains, originating Roseville, will be cleared on separate Sacramento and Western Division clearances and will receive their train orders applying to Western Division at yard office Roseville and it will not be necessary to comply with Rule 83 (D) before leaving Sacramento.

Eastward extra trains and trains originating obtain clearance at Sacramento General Telegraph Office located on second floor of passenger station.

RULE 83 (E). A train, when authorized by train order, may check the register against an extra train and proceed if such extra train appears on the register with the number and date of its restricting order registered in column captioned "Signals".

When a train is so authorized to check the register, it must register and place the restricting order number and date in column captioned "Signals".

RULE 93. Yard limits are established at:
Truckee Willows Red Bluff Ashland
Emigrant Gap Orland Redding Mt. Hebron
Colfax Folsom Black Butte Kirk
Newcastle Placerville Weed Crescent Lake
Oroville Walnut Grove Montague Hackamore
Chico Isleton Hornbrook Lake View
Woodland

Sacramento Yard—Between a point 1,000 feet east of Benali to a point ¼ mile west of west switch Mikon to a point 1,000 feet west of west switch at Polk on Stockton Line, to a point 1,000 feet east of Junction switch Brighton on Placerville Line, to a point 3½ miles east of Junction switch, R Street, on Walnut Grove Line.

Roseville Yard—Between a point 4,000 feet west of west switch Antelope, to a point one mile east of Junction switch on Roseville-Tehama Line, to a point 1,000 feet east of east switch at Rocklin, on No. 4 track and to a point 1,000 feet east of crossover on Nos. 1 and 2 tracks.

Eastward freight trains approaching Roseville will not pass Dry Creek to enter Roseville Yard without receiving a green signal (green flag by day, green light by night).

Trains and engines, except scheduled passenger trains, arriving Roseville from the east via Sparks-Roseville line will not pass Lincoln Street, Roseville, without receiving green signal (green flag by day, green light by night).

Trains and engines, except scheduled passenger trains, arriving Roseville from the east via Tehama-Roseville line, will not pass Lincoln Street, Roseville, without receiving yellow signal (yellow flag by day, yellow light by night).

Auburn—Yard limits on No. 1 track extend from a point one mile east of east switch Auburn to a point 3,200 feet west of west switch Flint.

Tahoe Yard—From a point 1,000 feet west of west switch Moss Hills.
Marysville Yard—Between a point 1,000 feet west of Rupert Spur, and including Dantoni Branch, to a point 1,000 feet east of 143-D, to a point 9,240 feet east of Binney Jct. switch on Woodland-Oroville Line, to a point 1,000 feet west of west switch of cannery track Yuba City. This includes E and A Street cut-off.

Gerber Yard—Between a point 80 feet east of east switch of house track at Tehama and a point 1,340 feet east of east switch Proberta.

Sparks Yards (Salt Lake Div.)—Between a point one and one-half miles west of Reno to a point 2,700 feet east of east switch Sparks.

Ordinarily, freight trains from Sacramento Division will enter Sparks freight yard at crossover switch just west of 17th Street and will approach this switch prepared to stop unless route lined and signals indicate proceed.

Klamath Falls Yard—Between a point 1,004 feet west of west switch siding Texum on Cascade Line and a point 200 feet east of M.P. 552 on Modoc Line and a point 1,185 feet east of east switch siding Chelsea.

Movements of Great Northern R.R. trains and engines at Klamath Falls between initial switch east end of yard and Junction switches of Great Northern R.R. will be directed by yardmaster.

Dunsmuir Yard—Between a point 637 feet west of west switch siding Castle Crag and a point 1,604 feet east of east switch siding Small.

Westward trains, except first-class, will not pass switch located at signal 3225 east end of Dunsmuir; eastward trains, except first-class, will not pass switch located at signal 3202 west end of Dunsmuir yard; and westward trains, except first-class and trains originating at Dunsmuir, will not pass switch located at signal 3213 just east of yard office east end of Dunsmuir yard without instructions from Yardmaster or proceed signal from yardman.

Alturas Yard—Between a point 2,766 feet west of west switch Paola and a point 3,482 feet east of east switch siding Juniper to a point 2,084 feet east of east switch siding Mattes on Lakeview Branch.

Chiloquin—Pine Ridge Yard—Between a point 5,000 feet west of west switch Chiloquin and a point 5,000 feet east of east switch Pine Ridge.

RULE D 97 (A). Will apply between Sacramento and Sparks.

RAILROAD CROSSINGS AT GRADE AND DRAWBRIDGES NOT INTERLOCKED

RULE 98. Sacramento River at Knights Landing. Trains must not stop on drawbridge or within 200 feet of bridge before crossing.

Sacramento River at Tehama.

Southern Pacific trains will approach Western Pacific R. R. crossing at Front and R Streets, Sacramento, with caution, expecting to find crossing occupied. Southern Pacific yard engines must stop and ascertain that crossing is clear before proceeding.

Trains and yard engines must ascertain that all switch and industry track crossings in the vicinity of Front and R Streets are clear before using.

Trains must stop within 200 feet of Sacramento Northern R. R. crossing Front and R Streets Sacramento before crossing.

Movements of trains, engines or cars in switching over crossing of the Southern Pacific tracks and the electric lines at Front and M Streets, Sacramento, will be governed as follows:

Southern Pacific trains moving on Front St., Sacramento and yard engines switching on Front Street must stop before reaching the crossings at Front and M Streets, and proceed on hand signals from flagman on the ground at the crossing, flagman using a green flag by day and a green light by night. Sacramento Northern trains will stop before reaching the crossing and proceed on signal from the flagman on platform of watchman's shelter. Flagmen using a yellow flag by day and yellow light by night.

Trains and engines will stop before crossing Sacramento Northern tracks at 31st and "R" Streets, Sacramento.

Trains must stop within 200 feet of Sacramento Northern crossing at Yuba City.

Trains will pass over Southern Pacific crossing at Grace with caution.

Trains will pass over Sacramento Northern crossing 9th Street, Chico, with caution.

Trains must stop within 200 feet of Sacramento Northern R. R. crossing on Chico-Stirling City line before crossing.

RULE 99. When torpedoes are used between Blue Canon and Stanford, each torpedo placed will be duplicated on opposite rail.

RULE 102. The following rules will govern the handling of a passenger train which has parted on grades between Black Butte and Ashland: On ascending grade, when train has parted, angle cock must be closed at opening, and immediately all hand brakes must be set on detached portion starting at rear and head end, turning up retainers on all cars as hand brakes are being set. Air brakes must immediately be fully charged on detached portion by using air hose carried in baggage car for that purpose. If for any reason detached portion cannot be recharged immediately, or if necessary to leave rear portion standing, rear truck of detached portion must be chained to the rail in such manner as to derail cars should they start. Attempt must not be made to couple to detached portion until brake pipe has been fully charged and chain removed. After the train has been coupled, air must be applied from engine before hand brakes and retainers are released.

RULE 103 (A). Trains and engines must stop and be preceded by flagman before crossing highway at

- Clayton.
- Isleton Wharf.
- Old Cannery Track—4th St., Marysville.
- Wilson Road, Wilson.
- Main St., House track, Woodland.

RULE 104. The normal position of switches at end of double track and at junctions will be as follows:

- Jet. Switch R St. For Walnut Grove Branch.
- Verdi Crotch switch at east end of Verdi center siding will be mechanically locked by the derail which must be open before crotch switch can be operated.
- Black Butte Junction switch 1200 feet west of train-order office, for Cascade line. Switch on Siskiyou Line Main track 443 feet east of Junction switch is for track leading to west siding.
- Klamath Falls Great Northern R. R. Junction switch M.P. 428.4—2773 feet east of west switch of yard, for Southern Pacific main track. Cascade line and Modoc line Junction switch 1000 feet west of M.P. 428, for Cascade line. Modoc line main track parallels south side of Cascade line main track from a point at Cascade line M.P. 427.023 and Modoc line M.P. 553.2 to Cascade line M.P. 427.786.
- Chemult Junction switch Great Northern R. R. in siding 130 feet east of west switch, for Southern Pacific track.
- Alturas Yard Junction switch of Lake View Branch and Modoc line main track 480 feet west of M.P. 458 for Modoc line.

RULE 105. Following tracks are designated for use as sidings:
 Weed—Siding located east of station building on opposite side of main track.

Black Butte—Track extending from connection at east end of east leg of wye to east end of yard will be known as East siding. Track extending from west end of yard to connection with Siskiyou Line main track, 1,000 feet east of Train Order Office, will be known as West siding. Track extending from connection at east end of east leg of wye to connection with Siskiyou Line main track, 800 feet east of east water column, will be known as Middle siding.

Westward freight trains taking siding at Grass Lake, stop east of west switch house track. East and west house track switches Grass Lake will be normally lined for legs of wye.

When a westward train is holding main track at Siskiyou to meet an eastward train and switch is open for train to enter siding, conductor of train holding main track will arrange to protect the eastward train against light engines or other trains occupying siding, and will give the eastward train sufficient room to avoid stopping engines in tunnel.

Westward trains receiving an order to meet an opposing train on track known as turntable lead at Siskiyou (this track is on south side of main track used by helper engines moving to and from turntable) will not pass signal 4125 until it is known that opposing train has passed signal 4112 at west end of tunnel 13.

Eastward engines or trains will leave turntable lead at east switch located 200 feet west of Signal 4124.

Normal position west switch siding at Midas lined for lead to No. 1 track.

Eastward freight trains with helpers to cut at Norden will take siding. Westward freight trains with helpers to cut at Summit will take upper siding.

Westward trains via Brighton having cars to set out at Elvas will use east end of center siding, using crossover switch near road crossing.

Eastward trains from Brighton having cars to set out at Elvas will use west end of center siding and set cars in at crossover switch near road crossing.

Harrington—West end of siding west of cross-over is westward siding and east end east of cross-over is eastward siding. Junction switch at cross-over.

Wyo.—Track 2 of the two tracks paralleling main track, is siding.

Eastward trains taking siding at Marysville, will use cross-over just west of west water column.

RULE D-152. Does not apply between 15th Street and Sacramento River Bridge, Sacramento, between Yosemite Street first road crossing east of Roseville passenger station and crossover at Dry Creek west of Roseville.

RULE 206 (A). Clearance dated at Dunsmuir will authorize second class and inferior trains at Dunsmuir Yard.

Clearance dated at Alturas will authorize No. 628 from Alturas Yard.

RULE 220. Third paragraph of rule will be complied with by Nos. 623 and 624 at Weed.

RULE 221. Train order signal at Emigrant Gap and Norden are light type signals identified by an illuminated sign (Train Order Signal) on the signal mast.

When a train reaches a point approximately 200 feet from signal, if no train orders, light will change from "stop" to "proceed."

If signal is first seen in "Proceed" indication, clearance must be obtained.

Light will not be displayed in train order signal at Willow Ranch except when train orders are to be delivered.

Trains must obtain clearance at Redding.

Trains must obtain a clearance before leaving Folsom and Fair Oaks when such stations are open train-order offices. Extra trains not routed via Folsom or Fair Oaks will not go to or obtain a clearance at those stations.

Train Order Office Hours—Folsom 7 20 a. m. to 4 20 p. m., daily except Sunday.

Fair Oaks—8 00 a. m. to 9 45 a. m. and 1 15 p. m. to 5 00 p. m., daily except Sunday.

RULE 221 (A). It is unnecessary for dispatchers to O. K. a clearance and operators to transmit the address and order numbers from clearance to the train dispatcher, unless requested to do so by train dispatcher, nor will they complete that portion of clearance reading:

"OK at M. Chief Train Dispatcher," all provided that said orders affect movement of a train wholly within block system or signal dispatching limits.

If the orders affect movement, either wholly or in part, outside of the block system or signal dispatching limits, operators must repeat address and order numbers and obtain dispatcher's OK before the orders are delivered.

RULE 825. Outfit cars must not be left in front of warehouses, storehouses, lumber yards, or other buildings.

Track between station and Stirling City main track, must be kept clear of cars.

INSTRUCTIONS FOR SETTING HAND BRAKES AT:

DUNSMUIR AND DUNSMUIR YARD

- Passenger Trains {Two brakes on east end.
Three brakes on west end.
- Freight Trains {Ten brakes on west end.
Ten brakes in center of train.
Five brakes on east end.

ASHLAND

- Passenger Trains {Two brakes on east end.
Five brakes on east end.
- Freight Trains {Five brakes on west end.

KLAMATH FALLS

- Passenger Trains {Two brakes on west end.
Two brakes on east end.
- Freight Trains {Five brakes on west end.
Five brakes on east end.

Hand brakes on freight trains must be set with the assistance of a brake club after train has stopped. Any employee releasing any of these brakes, must set as many others to replace them.

SPECIAL INSTRUCTIONS

Engines must not be cut off freight trains at Dunsmuir, Dunsmuir Yard, Klamath Falls or Ashland until sufficient hand brakes are set to secure train and yard air must not be coupled into train until engine is cut off.

On arrival at Siskiyou, on westward trains, hand brakes must be set ahead of helper engine before cutting off and on rear portion of train when backing down to cut out helper.

RULE 829. Westward freight trains when stopping at Chico to perform switching or to take water, must stop east of Sacramento Avenue, or cut train at that point to permit the passage of traffic over tracks.

RULE 834. Open-top cars loaded with rail, pipe, structural steel, lumber, poles or mounted wheels, when such lading projects above sides and end walls of the car, must not be placed in train next to cab of mallet engines.

RULE 836. Cars will not be handled ahead of engine at any point between Stirling City and Chico on westward trip.

RULE 869. Descending Steep Grades.

This applies between Edgewood and Black Butte. Snowden and Ashland. Grass Lake and Delta. Ambrose and Canby.

Rear brakemen on freight trains descending grades between Black Butte and Edgewood, Snowden and Ashland, Grass Lake and Dunsmuir will observe track from rear of caboose so train may be stopped in event of derailment. Dietz lantern placed on rear of caboose will be used at night to assist in observing track. On four brakemen trains, fourth brakeman will be stationed near emergency hose on train, swing brakeman will ride cupola of caboose to watch train and for signals. This will not interfere with other assignment of brakemen by Conductor should necessity require it. In the absence of brakeman in cupola, Conductor must devote as much time as possible to watch train.

Freight brakemen are not required to be on top of their train descending grade between Andover and Emigrant Gap.

On freight trains ascending and descending grade between Emigrant Gap and Andover member of train crew must observe track from rear of caboose, that train may be brought to stop promptly in event of derailment.

AUTOMATIC BLOCK SYSTEM

RULE 509. A train or engine, when backing out of a siding or other track in block system limits, will, unless backed to clear block signal, proceed as if signal be in stop position.

The two center tracks, for entering and leaving Sacramento passenger station, are equipped with automatic signals between 6th and 7th Street switchtender's stations. Rule 509 as applied to single track governs. Signal 889 will display green indication for direct movement to 6th Street switchtender's station, and yellow indications for crossover movement to 6th Street switchtender's station.

Main tracks 1 and 2, between Signal 890 and 891 at 7th Street and interlocking signals at 2nd Street, are not protected by automatic block signals. All trains will proceed with caution.

On No. 1 track between Newcastle and Loomis and on No. 4 track between Rocklin and Loomis, Rule 509, single track will apply.

Signal arrangement west end Sparks yard will govern as follows: Signal 2452 on bridge governs main track movements on eastward main track. Dwarf signal 2452 on signal mast governs diverging route movements from eastward track across westward track into freight yard. Dwarf light signals 2453 and 2459 govern main track movements on westward main track. Light signal 2455 governs movement from engine lead to eastward main track.

Trains or engines stopped by signals 2134 or 2141 Gerber; 3208, 3209 or 3210 at Dunsmuir Yard; 3216, 3218, 3222 or 3223 at Dunsmuir; 4288, 4293 and 4297 at Ashland; 4292, 4293 and 4295 at Klamath Falls may proceed with caution, not exceeding 12 M.P.H.

Routing arm in proceed position on signal 4112 west of Siskiyou, authorizes train to proceed and enter siding.

RULE 509 (e). When necessary to send flagman through tunnel 13, at Siskiyou, train must wait until flagman calls on telephone from opposite end of tunnel.

RULE 516. Overlap posts are located at:

Eastward Trains—Dunsmuir Yard—515 feet west of signal 3210.

White Point—1,000 feet west of signal 4104.

Viaduct—Fouling point west end of siding.

Wall Creek—Fouling point west switch.

Leaf—Fouling point west switch.

Texum—Near middle of yard.

Live Oak—100 feet west of Station.

Tehama—2,000 feet east of junction switch.

Westward Trains—Wall Creek—Fouling point west switch.

Pine Ridge—Near middle of yard.

Somerset—Middle of yard.

Wyo—1,000 feet west of east switch of siding.

SPECIAL SIGNALS

Following block signals have included in their control limits special protective device. When these signals indicate stop, careful inspection must be made of track or structure and known safe for passage before proceeding.

ROSEVILLE—SPARKS EASTWARD TRAINS

Signal 1438—Track opposite rock detector fence around Tunnels 33 and 34.

Signal 1780—Track opposite slide fence between old highway crossing and east switch Crystal Lake.

Signal 1994—Track opposite slide fence between west end Tunnel 13 and west end of snowshed west of Tunnel 13.

Signal 1996—Track opposite slide fence between west end Tunnel 13 and west end of snowshed west of Tunnel 13.

Signal 2220—Track opposite slide fence west of Floriston station.

WESTWARD TRAINS

Signal 2239—Track opposite slide fence west of Floriston station.

Signal 2003—Track opposite slide fence between west end Tunnel 13 and west end snowshed west of Tunnel 13.

Signal 2005—Track opposite slide fence west end Tunnel 13 and west end of snowshed west of Tunnel 13.

Signal 1789—Track opposite slide fence between old highway crossing and east switch Crystal Lake.

DUNSMUIR—KLAMATH FALLS

Eastward Trains—Signal 3528 } M.P. 353.35 Dry

Westward Trains—Signal 3547 } Canyon Bridge.

Light signals governing movement against current of traffic on No. 2 track from crossover Emigrant Gap to west limits Norden interlocking plant and from east limits Norden interlocking plant to Andover. On No. 1 track from Andover to east limits Norden interlocking plant and from west limits Norden interlocking plant to crossover Emigrant Gap, mile post 171.5.

When these signals indicate "stop," trains moving against current of traffic on No. 1 or No. 2 tracks Rule No. 509, single track, will apply.

Additional light signals mounted on the masts of the following interlocking signals at Norden.

Light type dwarf signals and switch indicators governing westward movement from center sidings to No. 1 track are located at

West End Center Siding Troy (Signal 1857).

" " " " Crystal Lake (Signal 1879).

" " " " Midas (Signal 1603).

Normal indications of these signals dark. Stop indication will be displayed after derails are closed. Proceed indication will be displayed when derails and switches are lined for movement and block is unoccupied.

Should these signals fail to indicate proceed wait four minutes for time element relay to function, which will be effective when main track approach circuit is occupied. After operation of time element relay if signals fail to indicate proceed, Rules 509 and 99 apply.

Disc signals located at west switch Colfax, controlled by operators, will govern movement of trains as follows:

When showing yellow disc or yellow light; take siding.

When showing white disc or green light, proceed, if train orders or schedule permits.

Light signal on mast of signal 1427 east of Colfax, controlled by operators. Indications are given by illuminated letters and figures as follows:

M—Hold main track.

X—Use crossover to roundhouse.

3—Take No. 3 siding at crossover east of road crossing.

4—Take No. 4 siding at east switch.

No light—Proceed, on time table or train order authority.

Light signal at yardman's station opposite yard office Roseville is used by yardman to give proceed signal to westward freight trains from Sparks-Roseville line to enter yard. Indications as follows:

No light—Stop and stay clear of Yosemite Street crossing.

Flashing yellow light—Proceed into yard.

Light signals and switch indicators governing movements from Great Northern connections and Modoc Line main track to Cascade Line main track are located as follows:

Junction of Great Northern Railway to Modoc Line (Signal 4276).

Junction of Modoc Line to Cascade Line (Signal 4280).

Junction of Great Northern Railway to Cascade Line (Signals 4284-4283).

Normal indication of these signals stop. Proceed indication will be displayed after switches and derails are lined for movement and block unoccupied. Should these signals fail to indicate proceed after switches are lined wait four minutes for time element relay to function, which will be effective when approach circuit to junction switch is occupied. After operation of time element relay, if signals fail to indicate proceed, Rules 509 and 99 apply.

Normal position of signal 5031, governing movement from Great Northern Railway connection at Chemult, and signal 5025, governing movement from interchange track Chemult, stop. Proceed indication will be displayed after switches and derails are lined for movement if block unoccupied. Should these signals fail to indicate proceed after switches are lined, rules 509 and 99 apply.

Signal 3218 at Dunsmuir governs movement from work track through crossover and on main track to signal 3222. Dwarf light signal 3214 at derail east end of drill track Dunsmuir Yard governs movement from drill track to work track and will indicate proceed only when both derail and switch to work track are lined for movement to main track and track is unoccupied. Signal 3222 at Dunsmuir governing eastward trains is located on left side of main track.

OIL BUFFER SPRING SWITCHES

When a block signal in advance of a facing point oil buffer spring switch indicates "Stop", careful examination of switch must be made before passing over it.

When making trailing point movement and train is stopped on switches, a reverse movement must not be made, nor the slack taken until the switch has been thrown by hand. When movement has been completed through switch, reverse movement must not be made until point closes.

Running switches are prohibited and sand, blow-off cocks, and injectors must not be used nor boosters started while passing over these switches.

Spring switch located at M.P. 107.38 Roseville normally lined for main track. Eastward trains moving from drill track will run through this switch when in normal position. To avoid making reverse movement through switch when leaving drill track trains will stop at clearance point on drill track when signal 1074 located 350 feet east of switch is in stop position. Eastward trains moving from drill track and trailing through this switch will not exceed 15 M.P.H. Westward movement on main track must not be made over this switch without first stopping and inspection made of switch.

Junction switch Tehama equipped with spring switch normally lined for movement via Willows.

Interlocking limits established over junction switch extending from Signal SA-2119 to Signal SA-2116 on Davis line and to Signal SA-2118 on Roseville line. Interlocking rules apply.

Eastward trains stopped by Signal SA-2116 or SA-2118 will send flagman to operate clock work time release located on Signal SA-2116.

Time release must not be operated when trains or engines are within interlocking limits or seen approaching on opposite line.

To operate clock work time release turn knob to right to extreme position, hold in this position and push button for line on which train is standing, release knob. After four minutes signal should change from stop to proceed (or caution).

If signal does not change to proceed after operating release, train will not proceed (Rules 663-672) until inspection is made of spring switch and see that switch is properly lined for movement.

Eastward trains from Roseville line trailing through spring switch will not exceed 30 M.P.H.

Westward trains stopped by Signal SA-2119 will inspect spring switch before passing over it.

Westward trains moving to Roseville line will not exceed 20 M.P.H. while moving over junction switch.

INTERLOCKING

Sacramento River Drawbridge—Extends eastward on No. 1 track to westward home signal three hundred fifty feet east of Front Street crossing and eastward on westward freight track to westward home signal three hundred fifty feet east of crossing.

Derails, operated by switchtender, in Front Street tracks and drill tracks seventy-five feet from crossing.

Trains, engines and cars approaching Front Street crossing or junction of freight tracks with No. 1 and No. 2 tracks, will be governed by hand signal from switchtender, green flag by day and green light by night.

Nineteenth Street, Sacramento—At crossing of R Street track with Western Pacific R. R.

Yard engines desiring to use industry spurs will give following signal from push button located on home signal 400 feet west of crossing.

To Valley Grocery spur—One short, two long.

To Bekins spur—One long, one short, one long.

Elvas—Limits on Sacramento-Roseville line extend from interlocking home signal 1,400 feet west of tower to automatic home Signal 920.

On Elvas-Polk line extend to interlocking home light signal at west switch to siding at Polk and to home interlocking light signal 600 feet east of Junction switch to Placerville line.

Following switches and derails within interlocking limits are hand operated and must not be thrown until permission has been obtained from Signal Operator

American Can Company spur switch and derail. Derail is electrically locked.

Meister's spur switch and derail. Derail is electrically locked.

Permission must be obtained for each movement into or out of American Can Company and Meister spurs.

Hand signals as required by Rule 628 may be given from the tower instead of from the ground.

Whistle Signals governing routes as follows:

To Roseville, one long, four short.

To Sacramento, three long, one short.

To Polk, two long, three short.

To Elvas Siding, three short, two long.

To Third Track, two short, two long.

To American Can Spur, one long, one short, one long.

To Meister's Spur, one short, two long.

Eastward passenger trains will not be required to make running test approaching interlocking plant at Elvas, except when brake pipe has been separated.

To operate a dual control switch by hand, trainman must secure permission from the Signal Operator. When permission, including the time and working limits, is granted, he must first move selector lever to the "hand-throw" position and lock it in that position. When the time limit has expired or work is completed, the selector lever must be restored to the "switch machine" position, selector lever and hand-throw lever locked, and so reported to the Signal Operator; at the same time he must report the location of train or engine. If the main track is cleared and selector lever restored to "switch machine" position before expiration of the time limit new authorization must be obtained before again using the dual control.

The selector and hand-throw levers must never be forced. They will move easily when properly in mesh, although some manipulation of first one and then the other may be necessary to get them in proper mesh. If the switch was lined for siding when dual control use was started, it must be again lined for siding before selector lever is restored to "switch machine" position.

When selector lever is placed in the "hand-throw" position, all signals immediately adjacent to the switch governed will indicate "stop." Under these conditions the train or engine authorized to use switch may pass these signals without stopping and make movements over the switch within the limits authorized as necessary during the time the selector lever is in the "hand-throw" position and locked. Trainman must notify engineer when the selector lever is in the "hand-throw" position, and also notify him when it is returned to the "switch-machine" position, so he may know when to be governed by the interlocking signals adjacent to the switch.

Emigrant Gap—Limits as follows:

On No. 1 Track from interlocking signal located 100 feet west of house track spur at Emigrant Gap, to signal 1711, 500 feet west of turntable.

On No. 2 Track from clearance of crossover to signal 1716, 60 feet east of east switch of crossover.

Electrically operated derail located 60 feet west of interlocking signal west of house track spur switch on No. 1 Track.

East switch of crossover equipped with electric lock.

Derail located at clearance on east lead of turntable and equipped with electric lock.

Trains passing interlocking signals as provided by rule 663-B will be preceded by a flagman to next home signal or clear distant signal.

When instructed to operate derail by hand, be governed by instructions on sign at derail.

Trainmen or enginemen will not unlock or throw the west switch of crossover, when making crossover movement, until the east switch of crossover has been lined.

Trainmen or enginemen will not unlock or throw switch to east lead of turntable until derail has been closed.

Westward movement from west lead of turntable or from fire-train crossover will not be made until permission is given by operator.

Norden—Limits as follows:

No. 1 Track from interlocking home signal at west switch of siding Donner to signal bridge 775 feet west of Norden office.

No. 2 Track from signal bridge 775 feet west of Norden office to westward interlocking home signal opposite signal 1975 west of crossover Eder.

Fire Train Spur—Switch and derail hand operated, derail electrically locked and must not be thrown until permission has been obtained from signal operator.

Run-around Tracks—Enginemen on helpers left on run-around track, must obtain permission from signal operator before lining switch to siding.

Spur track switches must not be lined for movement to siding without first obtaining permission from signal operator.

Trains passing interlocking signals as provided by Rule 663-B will be preceded by a flagman to next home signal or clear distant signal.

When permission is given by signal operator to eastward trains to pass interlocking signals located on main track and on siding east end of Norden, will wait ten minutes and then be preceded by flagman according to rules and follow flagman 10 minutes to next home signal or clear distant signal.

Georgiana Slough-Drawbridge.

Snodgrass Slough-Drawbridge.

9th and K Streets Tower, Marysville.

Following switches and derails on Western Pacific R. R. within interlocking limits are hand operated and electrically locked, and must not be thrown until permission has been obtained from Towerman when on duty:

Switch and derail, Western Pacific-S. P. transfer track.

Switch and derail, Western Pacific high line track.

Derail on Western Pacific stock corral track.

During hours towermen are off duty, trains desiring to move on Western Pacific main track from transfer track, high line and corral track, will first proceed to derail, electric lock, and unlock the door. After door has been opened, and no trains are seen approaching on the Western Pacific track, signal 4 located on Western Pacific track 464 feet west of crossing, and signal 15, 2 arm signal located on Western Pacific track 1624 feet east of crossing will immediately go to stop position, releasing electric locks. Electric locks are released when indicator in lock is in proceed position. You will then move lever directly below indicator to the right which will permit operation of switches. When switches are again restored to normal position, lever should be moved to left position before closing door.

Western Pacific switch key will be found in hand release box on pole near junction switch.

If it is necessary to make this movement when a train is approaching on Western Pacific main track, opening the door of any electric lock will not put signals in stop position, but electric lock can be released by first proceeding to junction switches and operating time hand release located in box on pole, marked hand release, which will automatically put signals in stop position. After time hand release has been restored to normal position, a white light will indicate electric locks are released.

Switches and derails must be immediately returned to normal position after train has passed over them.

Trains desiring to cross Western Pacific tracks on Knights Landing Branch, when towermen are off duty, will call Chief Dispatcher at Sacramento and be governed by his instructions.

Blinney Junction Tower—Junction with Woodland-Oroville line and crossing Western Pacific R. R.

Whistle signals governing routes as follows:

Main track to or from Gerber, one long, four short.

Main track to or from Oroville, two short, two long.

Siding to or from Gerber, one short, three long.

Siding to or from Oroville, three long, one short.

Siding to or from west leg of wye, three short, two long.

Main track to or from west leg of wye, two long, three short.

Main track to or from east leg of wye, one short, one long.

To Spur, one short, two long.

Switches to east and west legs of wye hand thrown. Normal position of switch for Knights Landing line.

Woodland—Crossing Sacramento Northern R. R.

Whistle signals governing routes as follows:

For Tehama to or from siding, one long, four short.

For Tehama to or from house track, three long, one short.

For Knights Landing to or from siding, one short, three long.

Hand signals as required by Rule 628 may be given from the tower instead of from the ground.

Switch and derail will be lined up for movement on main track and Knights Landing branch.

Interlocking signals and derails on Sacramento Northern R. R. will be set to protect movement on Southern Pacific tracks. When train is stopped by interlocking signal Rule 663 will govern.

During hours towermen are off duty, trains having switching to perform will use west switch to house track.

AUTOMATIC INTERLOCKING

When trains are stopped by signals governing the use of automatic interlocking plants, flagman must be sent to crossing to operate clock-work time release. Release must not be operated when trains are between home signals or seen approaching on intersecting line.

After release has been operated, a red indicator light should be displayed over release and home signal should indicate proceed or red indicator on home signal must be displayed. Trains may then proceed.

If red indicator lights are not displayed, trains may proceed over crossing as provided by Rule 663.

Instructions for operating clock-work time release are posted on door of box.

Speed of engines must not exceed 20 M.P.H. between home signal and crossing.

Live Oak—Crossing Sacramento Northern R. R. one-half mile east of Live Oak.

Stronghold—Crossing Great Northern R. R. one-half mile east of Stronghold.

Redding Remote Control—Cross-over switches east end siding controlled by operator at telegraph office.

Trains passing interlocking signals as provided by Rule 663-B will be preceded by flagman through interlocking limits.

When instructed to operate switches by hand, be governed by sign on relay housing opposite west switch of cross-over.

TRAIN AND AIR INSPECTION

Freight trains, and light engines not equipped with tire coolers, except Mallets, on descending grade will stop ten minutes between switches at following stations to permit wheels to cool and trainmen will make careful inspection of all cars and engine men inspect engine:

Stanford (Engine to be stopped west of culvert 202-E 1879 feet west of west switch.)

Summit (On No. 1 Track.) Troy. Yuba Pass. Knapp (exception—Five minutes) Midas. Gold Run. Colfax.

Flint—Train to clear highway crossing at West End (Except, westward freight trains that stop at Auburn, inspect at Auburn instead of Flint.)

Norden (On No. 2 Track.)

Truckee (Exception—Five minutes.)

Doon. Paradise. Crouch. Latrobe.

Passenger trains stop at Paradise five minutes to cool wheels.

Mallet engines running light on descending grade stop sufficient length of time to inspect engine.

Light engines equipped with tire coolers descending grade, stop at Emigrant Gap, Truckee and Colfax to inspect engine.

At points between Roseville and Sparks where freight trains stop for inspection, engine men will drain water from main reservoirs on engines.

Freight trains descending grade will stop as indicated below for inspection of and for heat of wheels to equalize.

Steinman or Foliage.....	10 minutes
Gregory or White Point.....	10 minutes
Orcal or Hilt.....	5 minutes
Weed or Edgewood.....	10 minutes
Mott or Azalea.....	5 minutes
Cougar or Andesite.....	10 minutes
Bolam (If stop not made at Andesite).....	5 minutes
Canby.....	10 minutes

In addition to the designated stops for inspection no freight train will make a continuous run of more than fifty miles without a stop for inspection, except freight trains on Roseville-Tehama line may go to Biggs and eastward freight trains to Lenz if an additional stop can be avoided.

Trains handling logs must stop and inspection made by crew of load and chains before passing through tunnels and over Sprague River Bridge west of Chiloquin, Dry Canyon Viaduct between Hotlum and Bolam, Klamath River Bridge east of Klamathon, and all crossings except 2nd, 4th, 5th, 14th, 15th, 17th and 18th, over Sacramento River.

Two Dietz lanterns must be placed on rear of caboose after dark so that crew may observe track from rear door of caboose in order to enable them to detect any logs which may have fallen from train.

Where train handling logs takes siding to meet an opposing train or allow a following train to pass, such train must be thoroughly inspected to see that proper clearance exists to insure safe movement for the expected train, and no movement of train on siding attempted until train to be met has passed.

Light engines descending grade between Hornbrook and Ashland, stop sufficient time at established freight train inspection stations for inspection of engine and to permit heat of tires to equalize.

AIR BRAKE RULE 11. Air brake inspection at points where no car inspectors are on duty, and motive power and/or engine crew or train crew is changed on a freight train, shall be made as follows:

After the train is made up and the engine attached, the engineer will apply the brakes with a 20 pound service reduction and leave them applied. The trainmen will then pass along the train to determine that the brake is applied on each car. The numbers of any cars found with inoperative air brakes must be reported on Form 2809 and such cars assembled and switched to the rear of the train, next ahead of the caboose before leaving that station. After this inspection has been made, brakes have been released, and trainmen have noted that normal brake pipe pressure has been restored as indicated on caboose gauge, and have given signal to engineer, the latter must comply with last part of Rule 11 to avoid brakes sticking from an over-charge of the brake system, etc. If it is necessary to switch any cars to the rear account brakes being inoperative, Rule 17 must be complied with before departure.

Rule 34 must be observed to determine by rolling inspection that each brake releases properly.

Attention is directed to the Safety Appliance Act which requires that whenever any train is operated with power on train brakes, not less than 85 per cent of the cars of such train shall have their brakes used and operated by the engineer of the engine drawing such train; and all power-brake cars in every such train which are associated together with the 85 per cent., shall have their brakes so used and operated.

AIR BRAKE RULE 13.

At layer-over points for passenger equipment, where there are no car inspectors, crews must make air brake test before starting on initial trip, as follows: Brake pipe must be fully charged, engineer then apply air brake; trainmen must examine each car to see whether all brakes are applied. If all brakes apply, trainmen must give Signal 16-E from rear car, examine each car in train to see that all brakes release, and report condition to the engineer.

AIR BRAKE RULES 16 and 17.

Running air brake test must be made:

Snowden.....	Eastward passenger trains.
Black Butte.....	Siskiyou Line passenger trains.
Grass Lake.....	Westward passenger trains.
Ambrose.....	Westward passenger trains.

Rear End Test must be made:

Siskiyou.....	All trains.
Grass Lake.....	Westward freight trains.
Hornbrook.....	Eastward trains.
Black Butte.....	Siskiyou Line freight trains.

Eastward trains which have made rear end test at Mount Shasta or Deetz need not do so at Black Butte.

Ambrose..... Westward freight trains.

Westward passenger trains on No. 1 Track will make running test just before entering Tunnel No. 6.

Rear End Test must be made:

Summit.....	Westward freight trains.
Norden.....	Eastward and westward freight trains.
Stirling City.....	All trains.
Placerville.....	All trains.

This test must be made immediately before departure from above stations.

Westward freight trains will make brake pipe test at Truckee and Summit.

AIR BRAKE RULE 54.

Emergency hose must be used on freight trains between Sparks and Roseville.

Trains of 50 cars or less 2 emergency plugs will be used located approximately 20th and 40th cars from engine.

Trains of 50 to 71 cars 3 plugs located approximately between 20th, 40th and 60th cars from engine.

Trains of 71 to 100 cars 4 plugs located approximately 20th, 40th, 60th and 80th cars from engine.

Trains of 100 to 124 cars 4 plugs located approximately on the 20th, 40th, 60th and 100th cars from engine.

On westward freight trains plugs will be fastened on east end of car and on eastward freight trains on west end of car. Emergency hose will be handled by carmen at Sparks, but must be applied and removed when necessary by trainmen at intermediate stations.

AIR BRAKE RULE 56.**Passenger Trains**

Siskiyou to Ashland.....	All retainers.
Siskiyou to Orcal.....	All retainers.
Mile Post 400 to Hornbrook.....	All retainers.
Black Butte to Edgewood.....	Accessible retainers.
Azalea to east switch Dunsuir.....	Accessible retainers.
Ambrose to Canby.....	Accessible retainers.

Retainers on head end cars must be left turned up from Orcal to M. P. 400 but should be turned down momentarily if stop is made at Hilt.

Accessible retainers will be turned down after passing Yard Limit sign at Ashland.

Retainers may be turned down if stop is made at Shasta Springs or west.

In operating retainers, they should be turned up commencing at the head end, and when turned down, commencing at the rear end.

When passenger train has stopped, engine man will release air brakes and retainers must be turned down and engine man notified by one sound of air signal.

Freight Trains

Speed of freight trains will be reduced at points where trainmen are required to handle retainers.

Where retainers are used, speed of freight trains on any grade of over one per cent will not exceed 25 M. P. H., and on grades of this character, more than five miles long, for the first five miles the time consumed in traveling any one mile shall not be less than three minutes. This will not be authority to exceed specified speed restrictions.

On grades retainers will be used as follows:

Retainers will be turned up solid on head end of train in such number, depending upon the total weight of train, one operative retainer for the amount of Ms shown below:

Norden to Truckee.....	One retainer for each 120 Ms.
Norden to Yuba Pass.....	One retainer for each 140 Ms.
Yuba Pass to Loomis.....	One retainer for each 100 Ms.
Stirling City to Mile Post 188.....	One retainer for each 80 Ms.
Placerville Branch—From MP-148 to MP-146 and from MP-145 to MP-138 one retainer for each 120 Ms.	
From MP-136 to MP-130 and from MP-129 to MP-122, one retainer for each 140 Ms.	
From MP-117 to MP-112, one retainer for each 150 Ms	
Siskiyou to Ashland.....	One retainer for each 90 Ms.
Siskiyou to Hornbrook.....	
Azalea to Dunsuir Yard.....	One retainer for each 100 Ms.
Black Butte to Edgewood.....	
Ambrose to Canby.....	One retainer for each 150 Ms.
Snowden to Hornbrook.....	
Grass Lake to Azalea.....	
Dunsuir Yard to Gibson.....	One retainer for each 250 Ms.

Example: A train consisting of 80 cars 7,000 Ms Grass Lake to Azalea requires 47 retainers and from Azalea to Dunsuir Yard 70 retainers.

Additional retainers will be turned up on instructions of engine man if in his judgment it is necessary.

Sufficient retainers will be turned up, in the judgment of engine man, to properly control trains of logs descending grade between Kirk and Chiloquin.

Retainers must be turned down momentarily ascending grade Orcal to Hilt. Retainers must be turned down if stop is made between Thrall and Hornbrook. The maximum retaining pressure must be used from Siskiyou to Ashland and Siskiyou to Hornbrook on loaded cars, except refrigerators, equipped with the 10-20 and 15-30 pound retainers.

Freight trains consisting of not more than 60 cars and not more than 65 Ms per operative brake may be handled Snowden to Hornbrook and Grass Lake to Azalea with no retainers provided engine men can properly control speed of train and charge brake pipe to standard pressure between applications. If necessary to use retainers to control speed of train, engine man will instruct train crew number of retainers required.

The tonnage of any freight train between Hornbrook and Ashland must not exceed 100 Ms per operative brake when handled on descending grade by AC, Mallet, 2-10-2 or SP type engines. When other class engine used 90 Ms per operative brake will govern. Westward trains must not be moved out of Ashland in excess of this tonnage per operative brake. The tonnage of any freight train descending grade between Mount Shasta and Dunsuir, and between Ambrose and Canby must not exceed 120 Ms per operative brake.

The tonnage of freight trains between Stirling City and Chico must not exceed 80 Ms per operative brake, between Placerville and Folsom and between Summit and Loomis, 100 Ms per operative brake, and between Norden and Truckee 120 Ms per operative brake.

MISCELLANEOUS

1 Water columns at stations listed below are equipped with locking devices which hold column (when not in use) parallel to track.

Mount Shasta, Black Butte, Grass Lake, Bray, Mt. Hebron, Pine Ridge, Kirk, Lenz, Stronghold, Perez, Hackamore, Canby, Alturas Yard, Lakeview, Lawton, Emigrant Gap.

After taking water, firemen must push column around until locking device engages, which will be known by fact that column cannot then be moved in either direction unless it is unlocked by engaging tank hook in unlocking lever located just above outer end of column spout.

Engines of freight trains on descending grades of one per cent or over, also westward at Cottonwood, Chiloquin and Lenz, must be detached to take water. Engines of freight trains, except eastward at Morley, must be detached to take oil.

Helper engines coupled in middle or rear of train must be cut off from forward portion before taking water, and where head engine cannot handle forward portion without assistance of helper, latter must not be cut off until forward portion has been pushed beyond water tank.

Do not take water at Orcal or Hackamore unless necessary, then sufficient to make next tank.

When an engine has been spotted to take oil or water, reverse lever must be placed in center, throttle valve closed, cylinder cocks opened and independent air brakes applied.

Leading and helper engines must not cut off from head and rear portion of train at the same time at Steinman when taking water. When leading engine is coupled to train, after taking water, engineer will place automatic brake valve on lap, then sound one long whistle signal. Helper engineer will then make fifteen pounds reduction of brake pipe pressure, leading engineer noting fall of brake pipe pressure will release brakes and after brake pipe has been charged, helper engine may then be cut off. Trainmen will not cut off helper engine until advised by helper engineer that brake pipe has been recharged.

In Valley territory engines may take oil and water without cutting off train at all points, except Marysville.

On ascending grades between Roseville and Sparks, engines may take oil and water without cutting off train at all stations except Gold Run.

4 Not more than one 2-10-2, AC or Mallet class engine shall be placed on head end of freight trains, nor more than two Consolidations or one Mikado and one Consolidation. 2-10-2, AC or Mallet class engines must not be coupled ahead of engines smaller than Consolidation, when tonnage behind such engines is in excess of its rating as shown in time-table.

Trains picking up Colfax helpers for movement to Emigrant Gap or Norden, must cut same in ahead of the Roseville helper.

4a Pushing Trains Out of Yards: Pusher engine will not be placed behind wooden underframe cabooses or other wooden frame cars and 4000 and 4100 class engines will not be used in pusher service behind steel underframe cabooses.

Switch engines regularly assigned to pusher service must be equipped with Russel-Jordan device to prevent coupler pin from dropping and avoid necessity for yardmen uncoupling pusher engine to detach it from train. Knuckle must not be removed or closed, or cutting lever fastened in release position as a means to prevent coupling. Unless local conditions require, trains need not be stopped to detach pusher engines.

Air will not be coupled through pusher engines while in service pushing trains out of yards.

8 At points where engine is to be changed or cars set out or picked up on passenger trains, rear brakeman will open steam valve on rear of train at station one mile board and engineer will shut off steam one-half mile from station.

9 Westward freight trains having pick up or set out at Colfax will, whenever possible, leave train east of east crossover while work is being performed.

S. P. track to Swayne Lumber Co. Yard at Oroville passing under W. P. trestle will not be used or switching performed thereon during time W. P. trains are passing over trestle.

10 5000 Class Engines will not clear umbrella sheds of Sacramento passenger station and must not be used on Tracks 2, 3, 4, 5, 6 and 7.

4100 Class Engines on west side of valley between Davis and Gerber will not use the following tracks account light rail:

Merrit..... Warehouse track.
Mullen..... Siding.
Woodland..... Team track, Middle track, siding 565 feet opposite depot House track.
Hershey..... Warehouse track.
Harrington..... Short siding.
Dunnigan..... Standard Oil.
Arbuckle..... Warehouse track.
Genevra..... Siding.
Macy..... Spur.
Cortena..... Siding, Warehouse track, House track.
Maxwell..... House and corral track, Loading and warehouse.
Delavan..... Siding, Warehouse track.
Norman..... Siding, Warehouse spur and corral track.
Logandale..... Siding.
Riz..... Spur.
Willows..... Union Oil, Union Ice, Team and warehouse track, Pump house track, Engine spur, Setout track.

Lyman..... Spur.
Artois..... Siding, House track, Warehouse track.
Gravit..... Siding.
Greenwood..... Siding.
Orland..... Engine spur, Oil spur.
Wyo..... No. 1 yard track, No. 2 yard track, East Leg wye.
Malton..... Spur.
Corning..... Heinz spur.
Tehama..... House track, Beet spur, Warehouse track.

Mallet, 2-10-2, 4-10-2, AC, Mt. GS-1 and Mikado engines, must not be operated over the following tracks:

Rocklin, siding and house track.
Penryn, fruit spurs west of station.

Newcastle, tracks 3 and 4 (either from crossover leading from main track to No. 3 or from crossover from siding).

Flint, Standard Oil spur.
Auburn, high line.
Auburn, Nevada St., spurs.
Clipper Gap, team track east of road crossing.
W. New England Mills, spur, west of tool house.
W. Applegate, spur.
Colfax, material spur in west yard.
Magra, spur.
Towle, spur.
Blue Canon, dump spur, oil spur and Greek spur east of oil column.
Eder, spur switch.
Summit, lumber spur switch.
Spruce, spur switch.
Cisco, Outfit spur switch. Campbell Spur, east of corral chute.
Crystal Lake, spur on south side of No. 2 track.
Yuba Pass, spur switches.
Donner, six car lengths back of Frog.
Andover, outfit spur, 3 car lengths back of frog.

5000 and 4100 class engines must not use following tracks in Colfax Yard:

Corral track west of corral.
Bunk track.
House track and house track lead east of freight house.
Team track beyond east end of freight house platform.
4100 class engines must not use scale track at Colfax.
Engines larger than consolidation type must not use spur track serving Stockton Fire Brick Co., across highway at Clayton.

Sidings at Nord and Lomo and team track, mill spur and Earl Fruit spur Marysville must not be used by Mikados, Mallets, SP, AC, Mt, GS-I, or 2-10-2 type engines.

Engines must not operate over Rio Grande Oil Spur off "E" Street, Marysville. Use reach in handling cars on this spur.

Engines larger than Consolidation type must not be operated between Dantoni Junction and Dantoni.

Weber spur leading off main track east of Placerville Fruit Growers, in Placerville yard, cannot be used by consolidation engines.

Flint hoppers and box cars must not be placed on spur serving El Dorado Lime and Mineral Company at Bullard to or beyond rock chute which does not clear this class of equipment.

Trains and engines must not exceed 10 M.P.H. on Bullard spur from Bullard Junction to Lime Quarry. Engines must not pass a point 60 feet east of bunker switch.

Two engines must not be coupled on Stirling City Branch. Helper engines must be cut back in train.

Engines heavier than Consolidation 225 Ms on drivers must not pass over Trestles 97-A and 97-E on Knights Landing Branch.

Engines larger than Consolidation type must not use No. 7 track at Newcastle beyond end of curve or switch leading to lumber spur Newcastle yard.

When using Wye track at Barber, tangent track, continuation of Wye, must be used and at no time use the Diamond Match Company's track.

Engines must not use spur at Riz east of west end of warehouse and cars must not be placed beyond sixth door of warehouse from west end.

Trains or yard engines moving on Track No. 3, Dunsmuir, will move with caution approaching roundhouse, and will stop before passing turntable if engine is being turned with draw heads extending over end of turntable.

Engines heavier than 210 Ms on drivers must not be operated over the following switches: If any cars to be set out or picked up on these tracks, sufficient cars must be coupled to engine while doing work.

Red Bluff..... Pioneer Fruit Spur.
Redding..... Hoefers and Sterling Lumber Co. Spurs.
Kennet..... Bridge over High Line Spur.
Pollock..... Spur.
Lamoine..... Little Slate Creek Bridge.
Gibson..... Spur.
Castella..... Dirigo Industrial Tracks north side of main track.
Igerma..... Spur.

Weed: Tracks of the Long Bell Lumber Co. at Weed as follows:

Dock 1 and 2 in lumber shed and shed spur. Block spur. Factory 2.
Factory 3. Track No. 6 in lumber yard.

Engines must not use crossovers to S. V. and E. Ry. or storage track east of owner's post at Pitt.

AC 4, 5 and 6 class engines must not be operated on Pacific Fruit and Produce Company's spur or on house track beyond west end of freight platform, Mount Shasta.

SPECIAL INSTRUCTIONS

Deetz. AC and MC class engines may use stem of Wye leading to rock crusher at Deetz as far as Highway crossing but must not go on curved portion of balloon track.

Engines must not operate over following Industrial Tracks:

- Ager.....Spur beyond signal just east of road crossing.
- Thrall.....Former siding, except west two hundred feet. Tracks of California-Oregon Power Co.
- Penoyar.....Extension to spur.
- Algoma.....Spur leading to Algoma Lumber Company machine shop.
- Perez.....Spur.
- Stronghold Pit. Spur.

Engines heavier than 210 Ms on drivers must not be operated on industrial tracks between Bray and Klamath Falls and must use cars when necessary to do work except consolidation, 4000 and 4200 class engines may use lumber spur back of stock corral Macdoel. Box Factory spur Bray and all spurs Dorris.

When necessary to occupy McCloud River R.R. Company's tracks at Mount Shasta, including the west leg of wye, it must be under protection of flag. Trackage arrangements with McCloud River R.R. Company prohibit Southern Pacific trains or engines using their main track from clearance with interchange track east end of yard to point opposite station building.

Engines heavier than 210 Ms on drivers must not be operated on industrial tracks between Klamath Falls and Kirk, except engines not heavier than 275 Ms on drivers may operate over the following:

- Algoma.....Log Spur and industrial track to box factory switch Modoc Point...Lamm Lumber Co. Spur.

MAIN TRACKS

11 Tracks between Sacramento and Roseville numbered and will be used as follows:

- No. 1 Track, by westward trains.
- No. 2 Track, by eastward trains.

Tracks between Roseville and Sparks numbered and will be used as follows:

- No. 1 Track, via Auburn, by westward trains.
- No. 2 Track, Eastward track via Auburn Nevada Street, by eastward trains.
- No. 4 Track, between Rocklin and Loomis; diverges from No. 2 track at Rocklin and runs on south side of No. 1 track, one-half mile east of Rocklin to Loomis, connecting with No. 1 track at Loomis.

At Chico, Stirling City Branch main track originates at switch on Stirling City Branch leading to engine house at Chico. Trains to and from Stirling City Branch use yard tracks between passenger station and Stirling City Branch main track.

At Marysville, trains to and from Oroville Branch, use Marysville siding. Normal position of switch of Woodland-Oroville main track is for Knights Landing Branch.

At Willows, Fruto Branch main track originates at yard limit board on Fruto Branch. Trains to and from Fruto Branch use yard tracks between passenger station and Fruto main track.

At Woodland, Knights Landing Branch main track originates at switch at east end of siding 150 feet east of cattle guard 85-A. Normal position of switch for Knights Landing Branch. Trains to and from Knights Landing Branch use Woodland siding.

12 Engines equipped with pilot plows must not use tracks on "E" Street, Marysville.

Engines equipped with pilot plows must not be operated beyond log landings.

14 Enginemen will not blow off Engines while passing over steel bridges except from May 1 to November 1 sprinklers will be placed in service on line between Roseville and Sparks, departure of westward freight trains and light engines Norden to Loomis and Eastward freight trains and light engines Norden to Truckee.

Eastward passenger trains will operate sprinklers Norden to Truckee and westward passenger trains from first stop west of Norden.

On Shasta District use sprinklers on engines so equipped and blow off on engines not equipped with sprinklers when passing through all tunnels over second crossing Sacramento River west of Elmore, and over all steel bridges in Sacramento Canyon from Lamoine to Cantara.

Sprinklers are to be kept open while train is in motion, where long stops are made they will be closed temporarily to avoid waste of water.

15 Trains and engines must not pass the switch tenders stations at east end Sacramento River Bridge, Sixth Street and Seventh Street, Sacramento, without receiving a signal from switch tender to proceed, green flag by day and green light by night, and will move with caution between switch stations enumerated above.

17 Storage tanks of Standard Oil Company near tracks at M. P. 107.9 between Roseville and Rocklin, flues of engines must not be sanded until after engine has passed this point.

Underground gasoline tanks installed opposite house track at a point 300 feet west of station Colusa. Engines must not be stopped in front of unloading spot when oil or gasoline cars are being unloaded.

20 Handling of freight cars in trains behind passenger cars carrying passengers prohibited. The term "freight car" does not include a baggage, express, or mail car, or a caboose. Baggage, express, mail, refrigerator or other head end cars must not be handled on rear of passenger trains unless trainmen can pass through them.

Club cars handled in head end of main line passenger trains must be of all steel construction.

24 Minimum Clearances for Rotary Plows, Blue Canon East

Push cars in shed district must be placed between posts providing for proper clearance.

Tunnels 3 and 4 shed posts 8 to 10 inch clearance.

Tunnel 5, 8 inches clearance.

East and west of mile post 195, stone walls clear 6 inches. Water trough east of tunnel 10 clears 5 inches.

East end of tunnel 11 clears 8 inches.

Rotary plow on an 8 or 10 degree curve will swing approximately 7 inches from center.

Crews handling plows through district where standard clearance is not provided must reduce speed to six M.P.H. through tunnels and at rock walls.

OPERATION OF TURNABLES

26 Yellow light signals on leads to turntable at Norden. These signals will indicate route to be used from turntable. If no indication visible when engine is ready to leave turntable, telephone signal operator at Norden for instructions.

Remove rail locks before attempting to move table.

Properly line table and reset rail locks before moving engine on or off table.

Release brake before moving turntable and do not apply brake unless control handle is in the "off" position.

To Move Turntable: Turn controller handle around to the third or fourth point allowing about one second on each point.

To Stop Turntable: Turn controller rapidly to "off" position.

Allow turntable to come to stop before reversing motor.

In case of trouble notify operator at Norden office, who will call maintainer.

Turntable must be left lined and locked for east lead to eastward track.

Normal position turntables on Truckee District will be as follows:

- Blue Canon.....West approach, on account of repair platform on west end.
- Emigrant Gap...East approach, with motor on east end.
- Cisco.....East approach, with motor on east end.
- Norden.....East approach to eastward track.

Trainmen and enginemen using these turntables must leave them lined as shown above.

ALARM BOX LOCATIONS

Box No.	LOCATION	Mile Post
15	300 feet east of east portal Tunnel No. 1	...
16	Signal 1707, 500 feet east of west switch Emigrant Gap	...
17	150 feet east of crossover Emigrant Gap	...
18	Between Smart and Emigrant Gap	173
19	Between Smart and Yuba Pass	174
21	Between Smart and Yuba Pass	175
22	East switch summer siding Yuba Pass	...
23	End of shed east portal Tunnel No. 36	...
24	West end of center siding Crystal Lake	178
25	West end Butte Canyon bridge	179
26	200 feet west of west crossover Cisco	180
27	End of shed east portal Tunnel No. 39	181
28	Between Tamarack and Cisco	183
29	1/4 mile west of west switch Troy on No. 1 track	...
31	East switch Troy	186
32	East end lower Cascade bridge	187
33	1/4 mile east of Upper Cascade bridge	188
34	East switch of west run-around track on No. 1 track Norden	...
35	1000 feet west of west portal Tunnel No. 6	193
36	East portal Tunnel No. 6	194
37	Between Tunnels No. 8 and No. 9	195
38	100 feet east of east portal Tunnel No. 10	...
39	West switch Donner	...
41	1000 feet east of section house Eder	197
42	1/2 mile east of crossover Eder	198
43	Between Eder and Andover	199
44	Between Eder and Andover	199 1/2
45	300 feet west of west portal Tunnel No. 13	200
46	Opposite section house Andover	...
47	At Andover station	201
48	In turntable house Norden	...
49	East switch of run-around on No. 2 track Norden	...
51	East switch of siding on No. 2 track Norden	...
52	West portal Tunnel No. 41	...
53	Center of Tunnel No. 41	...
54	East portal Tunnel No. 41	...

Code signals following box numbers are as follows:
 One—East. Two—West. Three—Broken rail. Four—Track men.
 Five—Slide. Six—Fire.

SPECIAL INSTRUCTIONS

Maximum speed of disabled engines hauled in train, or running under own steam, must not exceed:

When pilot removed.....	20 M.P.H.
When main rod only removed.....	30 M.P.H.
When side rods only removed.....	30 M.P.H.
When both main and side rods removed.....	20 M.P.H.
When hauled in train and all rods are on.....	30 M.P.H.
GS engines.....	15 M.P.H.
SP 1, 2 and 3 when inside main rod removed.....	30 M.P.H.
S and SE engines, and all other classes of engines when not equipped with engine trucks.....	20 M.P.H.

When all weight has been removed from any one pair drivers on an engine, speed must not exceed 20 M.P.H.

When all weight has been removed from one wheel of any pair drivers on an engine, speed must not exceed 30 M.P.H.

All cars handled in passenger trains must be equipped with steel-tired or all steel wheels.

Wooden passenger-carrying cars, wooden baggage, express and other head end cars, unless equipped with steel center sills and steel platforms must not be used in passenger trains.

Speed of trains handling such cars restricted as follows: When consist includes not more than three wooden passenger-carrying cars, maximum speed must not exceed 50 M.P.H. When consist includes more than three wooden passenger-carrying cars maximum speed must not exceed 40 M.P.H.

If consist of train includes both wooden and steel passenger-carrying cars, the wooden cars must be kept together and handled on rear.

Trains must not exceed 25 M.P.H. on No. 4 track between Rocklin and Loomis.

Slow boards at west switch Truckee No. 1 track, east switch Loomis No. 1 track and west switch Colfax No. 2 track, with figures 35 on upper left side, 30 on lower left side, and 20 on right side.

Passenger trains must not exceed 35 M.P.H. on tangent and 30 M.P.H. on curves between Truckee and Loomis on No. 1 track and between Colfax and Truckee on No. 2 track.

Freight trains must not exceed 20 M.P.H. between Truckee and Loomis on No. 1 track and between Colfax and Truckee on No. 2 track.

SP-1, SP-2, SP-3, F-3, F-4, F-5, F-6, AM, GS-1 and MM-2 type engines must not exceed 25 M.P.H. and AC-4, AC-5, AC-6 type engines 28 M.P.H. where slow boards restricting speed on curves show 30 M.P.H. between Truckee and Loomis on No. 1 track and between Colfax and Truckee on No. 2 track, and between Truckee and Sparks on Nos. 1 and 2 tracks where slow boards restricting speed on curves show 28 M.P.H.

MC-2, 4, 6 and AC-1, 2 and 3 class engines must not exceed 20 M.P.H. on curves between Truckee and Loomis.

AC-4, 5 and 6 type engines must not exceed 25 M.P.H. over the following structures:

Bear River Bridge	126-C	1.2 Miles West of Wheatland.
Yuba River Bridge	140-C	2000 feet West of Marysville.
Butte Creek Bridge	175-B	2.8 Miles East of Durham.
Deer Creek Bridge	203.E	.8 Miles East of Vina.
Sacramento River Bridge	210-C	At Tehama.
Cache Creek 89-A between Woodland and Yolo.		
Stoney Creek 166-D and 166-E between Orland and Wyo.		
Thomas Creek 182-A between Richfield and Tehama.		

Fire trains and flangers operating between Lawton and Loomis must not exceed 30 M.P.H. and be governed by other speed restrictions.

Speed of fire trains, with water cars full, must not exceed 25 M.P.H., with water cars less than three quarters full, 20 M.P.H. in forward direction. Water cars must be kept full when possible.

Trains handling loaded Flint hoppers must not exceed 25 M.P.H.

Trains consisting of engine and caboose only may operate at same speed authorized for AC 4, 5 and 6 Class Engines running light between Roseville and Sparks.

Relief trains with steam derrick must not exceed 25 M.P.H., except 15 M.P.H. over following branch lines: Colusa, Sutter Basin, River Farms, Walnut Grove, Stirling City and Placerville.

No. 20 will reduce speed sufficiently passing Orland so mail pouches may be thrown into mail car.

Eastward first class trains must not exceed 30 M.P.H. from yard limit board four thousand feet west of west switch Antelope to signal 1046 and 20 M.P.H. from signal 1046 to M.P. 108 on Roseville-Sparks line.

Westward first class trains must not exceed 20 M.P.H. from M.P. 108 on Roseville-Sparks line to signal 1049 and 30 M.P.H. from signal 1049 to Antelope station.

Trains must not exceed 25 M.P.H. between Yuba River bridge and Feather River bridge, Marysville and between east yard limit board Chico and west switch Chico siding.

Trains must not exceed 25 M.P.H. over Feather River bridge east of Binney Jet. This includes approaches as well as trestle on curve just east of Feather River.

Train 290 will be permitted speed of 40 M.P.H. when handling freight cars in territory otherwise restricted to 35 M.P.H.

Eastward trains on No. 2 track must not exceed 12 M.P.H. between Signal Bridge just west of Sparks Passenger Station and Sparks yard office.

Engines must not exceed 8 M.P.H. on balloon track at Lake Tahoe.

Trains must not exceed 15 M.P.H. between overhead bridge Roseville, on Roseville-Tehama line and Roseville Passenger Station

When necessary to operate 5000 class engines on Stirling City line to the Sacramento Northern transfer at Chico, speed must not exceed 10 M.P.H.

Trains must not exceed 20 M.P.H. between Dantoni Junction and Dantoni.

Freight trains must not exceed 12 M.P.H. on curves between Kurand and Fruto.

Trains must not exceed 15 M.P.H. over trestle 112-A on Grace-Josephine line.

Trains must not exceed 20 M.P.H. between Knights Landing Junction and End of Track—River Farms Branch.

Trains must not exceed 12 M.P.H. over railroad crossing Bridge Street east of Yuba City station.

Consolidation engines must not exceed 30 M.P.H. between Yuba City and Woodland.

Trains handling logs from Placerville must not exceed 6 M.P.H. through tunnel No. 1.

Motor cars must not exceed 25 M.P.H. between M.P. 138 and Placerville.

Trains having cars loaded with ore or high loads of lumber must not exceed 12 M.P.H. on curves 7 degrees or over on Placerville Branch.

Engines using Mather Field Spur must not exceed 10 M.P.H.

Trains must not exceed 10 M.P.H. between initial switch of spur to Hood Wharf and Hood Wharf, and from Isleton to end of track two and one-half miles east.

Trains and engines must not exceed 20 M.P.H. between west end Sacramento River drawbridge and 15th Street, Sacramento.

2300 class or heavier engines must not exceed 15 M.P.H. between Wyo and Hamilton.

Trains consisting of engine and caboose only may operate at speed of 25 M.P.H. between Middle Creek and Mount Shasta.

Trains consisting of engine, flanger and caboose may operate at maximum allowable speed of freight trains. In curve territory on the Shasta District where maximum speed of passenger trains is 28 M.P.H. flangers will be permitted to operate at same speed.

MC 2, 4, 6 and AC 1, 2 and 3 class engines must not exceed 20 M.P.H. on curves between Middle Creek and Mount Shasta, between Ambrose and Canby, and between Black Butte and Grass Lake where slow boards show 25 M.P.H.

Trains must not exceed 15 M.P.H. between Sixth Street Viaduct and Main Street crossing, Klamath Falls Yard.

Passenger trains must not exceed 8 M.P.H. on house track Algoma.

Engines moving west must not exceed 8 M.P.H. over spur switch at east end Lamoine siding.

Engines using wye Hornbrook must not exceed 8 M.P.H., enter on west leg and leave on east leg.

Eastward trains must not exceed 15 M.P.H. over switch at Barnard and 10 M.P.H. when making switching moves.

Trains handling logs must not exceed six M.P.H. through tunnels and over the following bridges:

Sprague River Bridge, West of Chiloquin.
Dry Canyon Viaduct between Hotlum and Bolam.
Klamath River bridge, east of Klamathon.

All crossings over Sacramento River except 2nd, 4th, 5th, 14th, 15th, 17th and 18th crossings.

LOCATION OF STRETCHERS

Sacramento.....Hospital	Knights Landing.....Freight House	Penryn.....Baggage Room	Gerber Mt. Shasta Ashland
Fair Oaks.....Baggage Room	Woodland.....Baggage Room	Newcastle....." "	Redding Weed Klamath Falls
Hood.....Freight House	Williams....." "	Auburn....." "	Kennet Montague Crescent Lake
Walnut Grove.....Baggage Room	Willows (2)....." "	Colfax....." "	Dunsmuir Hornbrook Alturas
Lincoln....." "	Roseville.....Power House	Dutch Flat....." "	Dunsmuir Yard Alturas Yard
Wheatland....." "	".....Car Dept.	Towle....." "	
Marysville....." "	".....Yard Office	Blue Canon (2)....." "	
Gridley....." "	".....Station	Cisco....." "	
Biggs....." "	".....Hospital	Norden....." "	
Chico (2)....." "	".....Store Dept.	Truckee (3)....." "	
Oroville....." "	Rocklin.....Baggage Room	Floriston....." "	
	Loomis....." "		

HOSPITALS
 GENERAL.....SAN FRANCISCO
 EMERGENCY.....SACRAMENTO
 ".....ROSEVILLE
 ".....GERBER
 ".....SPARKS

LOCATION OF OVERHEAD AND SIDE STRUCTURES NOT STANDARD CLEARANCE

Mile Post LOCATION DESCRIPTION

Mile Post	LOCATION	DESCRIPTION
SACRAMENTO YARD		
	Sacramento River Bridge.....	Side
	Shop Yard.....	Oil House West of Store No. 1.....Side
	Shop Yard.....	Sand spurs Nos. 1 and 2.....Overhead
	Shop Yard.....	Track No. 2, Car Shop No. 9.....Side
	Shop Yard.....	Track No. 3, Car Shop No. 9.....Side
	Shop Yard.....	Track No. 4, Car Shop No. 9.....Side
	Shop Yard.....	Track No. 5, Car Shop No. 9.....Side
	Shop Yard.....	Track No. 9, Car Shop No. 9.....Overhead & Side
	Shop Yard.....	Roundhouse spur.....Side
	Shop Yard.....	Track No. 2 Bone Yard Track.....Side
	Shop Yard.....	Track No. 3 Laundry.....Side
	Shop Yard.....	Track No. 2 Scrap Dock.....Side
	Shop Yard.....	Track No. 3 Scrap Dock.....Side
	6th and H Streets.....	Western Meat spur.....Side
	6th Street.....	New Foundry Track.....Side
	6th Street.....	Coke spur.....Side
	6th Street.....	Foundry Track 6th Street.....Side
	R between 11th & 12th.....	Lawrence Warehouse.....Side
	R between 21st & 22nd.....	Barley spur Buffalo Brewery.....Side
	R between 21st & 22nd.....	Buffalo Brewery spur.....Overhead & Side
	21st & R.....	Buffalo Brewery Plant.....Overhead & Side
	25th & R.....	Unloading pit, Sacramento Rock and Sand Co.....Side
	B between 11th & 12th.....	Phoenix Mill spur.....Side
	B between 8th & 9th.....	Consumers Ice Co. Track.....Side
	3rd to 6th Streets.....	Track No. 4 Rolling Mill.....Side
	6th Street.....	Water Tank.....Side
	15th & N. B. Streets.....	Unloading pit center of Track, Golden Gate Atlas spur.....Side
	13th & 14th on B St.....	Unloading pit center of Track, Clark and Henry spur.....Side
	4th & R Streets.....	Sacramento Vegetable Growers Assn.....Side
	5th & R Streets.....	Virden Packing Co. spur.....Overhead & Side
	Front St. between M & N.....	Sacramento Northern Guy Pole.....Side
	Walnut Grove Connection.....	2nd Street to Front St. Yard.....Overhead
	Front St. between H & I.....	Stulsaft spur.....Overhead
	Between tracks No. 1 and No. 2.....	South end of old freight shed.....Front St. Side
	Between tracks No. 2 and No. 3.....	South end of new freight shed.....Front St. Side
	American River Bridge.....	Side
ROSEVILLE-SPARKS—EASTWARD		
106.6	Roseville.....	Icing track, PFE track No. 2 and New Icing track, PFE Plant.....Side
106.6	Roseville Yard.....	Track No. 3, Heavy Rip.....Side
106.6	Roseville Yard.....	Track No. 4, Heavy Rip.....Side
106.6	Roseville Yard.....	Track No. 5, Heavy Rip.....Side
106.6	Roseville.....	Track No. 6, Heavy Rip.....Side
106.6	Roseville.....	P. F. E. Icing Tracks Nos. 0-1-2-3.....Side
110.6	Rocklin.....	Kesty Quarry spur.....Overhead
110.6	Rocklin.....	Henderson Quarry spur.....Overhead & Side
110.6	Rocklin.....	Pernu Quarry spur.....Overhead
110.6	Rocklin.....	Elickson Quarry spur.....Overhead
110.6	Rocklin.....	Cal. Granite spur, Rocklin, Quarry.....Side
110.6	Rocklin.....	Stock Chute on Corral Track.....Side
114.2	E. of Rocklin.....	Antelope Creek bridge.....Side
114.7	E. of Rocklin.....	Tunnel No. 15.....Side & Overhead
117.3	E. of Lincoln Ave., Penryn.....	Tunnel No. 16.....Side & Overhead
120.5	E. of Newcastle.....	Tunnel No. 17.....Side & Overhead
122.7	E. of Newcastle.....	Tunnel No. 18.....Side & Overhead
123.1	E. of Newcastle.....	Tunnel No. 19.....Side & Overhead
124.6	E. of Nev. St., Auburn.....	Tunnel No. 20.....Side & Overhead
131.2	E. of Bowman.....	Tunnel No. 21.....Side & Overhead
132.7	E. of Clipper Gap.....	Tunnel No. 22.....Side & Overhead

Mile Post	LOCATION	DESCRIPTION
ROSEVILLE-SPARKS—EASTWARD—Continued		
132.9	E. of Clipper Gap.....	Tunnel No. 24.....Side & Overhead
133.1	E. of Clipper Gap.....	Tunnel No. 25.....Side & Overhead
133.3	E. of Clipper Gap.....	Tunnel No. 26.....Side & Overhead
133.8	E. of Clipper Gap.....	Tunnel No. 27.....Side & Overhead
134.8	E. of Applegate.....	Tunnel No. 28.....Side & Overhead
135.9	E. of Applegate.....	Tunnel No. 29.....Side & Overhead
138.7	E. of N. E. Mills.....	Tunnel No. 30.....Side & Overhead
139.2	E. of Lander.....	Tunnel No. 31.....Side & Overhead
139.4	E. of Lander.....	Tunnel No. 32.....Side & Overhead
141.7	Colfax.....	Automatic Signal Nos. 1420, 1421 & 1425.....Side
141.7	Colfax.....	Water Col. W. of Station W. B.....Side
141.7	Colfax.....	PFE Icing Platform.....Side
145.3	E. of Colfax.....	Tunnel No. 33.....Side & Overhead
144.7	E. of Colfax.....	Tunnel No. 34.....Side & Overhead
152.2	Gold Run.....	Mail Crane.....Side
152.4	E. of Gold Run.....	Water Tank West end of Yard.....Side
165.5	Blue Canon.....	Oil & Water columns.....Side
208.0	Truckee.....	Water Columns.....Side
208.0	Truckee.....	Roundhouse portals.....Side
208.0	Truckee.....	Oil sump doorways.....Side
242.9	Reno.....	Transfer track.....Side
242.9	Reno.....	Buffalo Brewing Co. platform.....Side
164.3	Knapp.....	Tunnel No. 1.....Side & Overhead
164.8	Knapp to Andover.....	Snow sheds.....Side & Overhead
200.6	Knapp to Andover.....	Snow sheds.....Side & Overhead
SPARKS-ROSEVILLE—WESTWARD		
164.8	Andover to Knapp.....	Snow sheds.....Overhead & Side
201.3	West of Donner.....	Tunnel No. 12.....Overhead & Side
195.7	West of Donner.....	Tunnel No. 11.....Overhead & Side
195.4	West of Donner.....	Tunnel No. 10.....Overhead & Side
195.1	West of Donner.....	Tunnel No. 9.....Overhead & Side
194.9	West of Donner.....	Tunnel No. 8.....Overhead & Side
194.3	West of Donner.....	Tunnel No. 7.....Overhead & Side
194.1	West of Donner.....	Tunnel No. 6.....Overhead & Side
193.7	West of Donner.....	Tunnel No. 5.....Overhead & Side
181.0	West of Tamarack.....	Tunnel No. 4.....Overhead & Side
180.7	West of Tamarack.....	Tunnel No. 3.....Side & Overhead
164.3	West of Knapp.....	Tunnel No. 1.....Overhead & Side
132.6	W. of Applegate.....	Tunnel No. 0.....Side & Overhead
124.5	Auburn.....	Ford & Son Warehouse, hill track.....Side
124.5	Auburn.....	Lowell Warehouse, hill track.....Side
124.5	Auburn.....	Fruit House Track, hill track.....Side
124.5	Auburn.....	Hse. Track, Auburn I. & C. siding.....Side
124.5	Auburn.....	Hse. Track, Ford & Son, Whse. siding.....Side
122	W. of Flint.....	Cut West of 122.....Side
120.1	Newcastle.....	Cut West of 122-G.....Side
113.9	Loomis.....	Cut West of 122-H.....Side
113.9	Loomis.....	Bloomer Cut.....Side
94.9	Ben Ali.....	Tunnel No. 18.....Side & Overhead
117.0	Lincoln.....	No. 1 Hill track, Earl Fruit Co.....Side
140.8	Clayton.....	No. 1 Hill track, Law Bros., Fruit Hse.....Side
140.8	Marysville.....	
140.8	Marysville.....	
122.0	Marysville, E Street.....	
161.4	Biggs.....	
SACRAMENTO-GERBER		
94.9	Ben Ali.....	Cannon Phillips spur.....Overhead & Side
117.0	Lincoln.....	Diamond Match Co., Lumbershed.....Side
140.8	Clayton.....	Stockton Fire Brick Co., spur.....Overhead
140.8	Marysville.....	W. T. Ellis Warehouse.....Side
140.8	Marysville.....	Buckeye Mill platform.....Side
122.0	Marysville, E Street.....	Yuba Construction Co., platform.....Side
161.4	Biggs.....	Rice Mill Siding.....Side & Overhead
WOODLAND-TEHAMA		
84.9	Woodland.....	West end of Globe Rice Mill Overhead & Side
124.2	Williams.....	Bartlett Water Co., shed platform.....Side
124.2	Williams.....	Stoval-Wilcox Wholesale platform
124.2	Williams.....	Williams Warehouse Co., platform.....Side
133.0	Maxwell.....	Water Tank.....Side

Mile Post	LOCATION	DESCRIPTION
WYO-HARRINGTON		
120.8	Grimes.....	Water Spout.....Overhead
145.9	Princeton.....	Water Spout.....Overhead
150.4	Codora.....	Warehouse.....Side
165.9	Rotavele.....	Elevator.....Side
177.4	Hamilton.....	Boiler House of sugar factory.....Side
177.4	Hamilton.....	Shed over beet unloading track.....Overhead
DAVIS-OROVILLE		
111.4	Tudor.....	Water Tank.....Side
112.4	Abbot.....	Earl Fruit Co. bldg. siding.....Side
120.4	Yuba City.....	S.N.R.R. trolley wire, E. of depot.....Overhead
135.0	Honcut.....	Station platform.....Side
135.0	Honcut.....	Brown's Warehouse.....Side
147.9	Oroville.....	C. L. Bills cement warehouse.....Side
147.9	Oroville.....	Olive Produce Co. porch.....Side
147.9	Oroville.....	Ice House platform.....Side
SACRAMENTO-PLACERVILLE		
91.5	Sacramento, 23rd & R.....	Contractors' spur, building.....Side
94.8	Brighton.....	Unloading pit center of track A. Teichert Co. spur.....Side
95.9	Perkins.....	Perkins' Store.....Side
98.9	Mayhew.....	Humphrey Packing house platform.....Side
98.9	Mayhew.....	Earl Fruit Co. platform.....Side
122.3	Cothrin.....	Rock Cut.....Side
126.4	Latrobe.....	Rock Cut.....Side
126.5	E. of Latrobe.....	Rock Cut.....Side
128.6	E. of Latrobe.....	Rock Cut.....Side
148.7	Placerville.....	Water Tank.....Side
SACRAMENTO-ISLETON		
92-B	Charles.....	Bridge.....Side
93.0	Charles.....	Stock Chutes at 93-A.....Side
93.0	Charles.....	Bridge.....Side
113.4	Walnut Grove.....	Pacific Fruit Bldg.....Side

SHASTA-DISTRICT

M.P.	BETWEEN	Structure	Height	Crossing	
	Redding.....	North Street.....	Bridge.....	21' 8"	
276.6	Kennet.....	Pitt.....	Tunnel No. 2.....	17' 10"	
278.9	Pitt.....	Morley.....	Tunnel No. 3.....	18' 2"	
286.4	Pollock.....	Antler.....	Bridge No. 3.....	21' 11"	Sacramento River
288.9	Pollock.....	Antler.....	Tunnel No. 6.....	21' 2"	
295.6	Smithson.....	Delta.....	Tunnel No. 7.....	18' 6 1/2"	
299.8	Delta.....	Lamoine.....	Tunnel No. 8.....	18' 2"	
301.8	Lamoine.....	Gibson.....	Bridge No. 6.....	21' 9"	Sacramento River
302.2	Lamoine.....	Gibson.....	Bridge No. 7.....	21' 5"	Sacramento River
305.3	Gibson.....	Fisher.....	Bridge No. 8.....	21' 6"	Sacramento River
305.4	Gibson.....	Fisher.....	Tunnel No. 9.....	17' 11"	
306.7	Fisher.....	Sims.....	Bridge No. 9.....	21' 6"	Sacramento River
307.0	Fisher.....	Sims.....	Tunnel No. 10.....	18' 1"	
308.6	Fisher.....	Sims.....	Bridge No. 10.....	21' 6"	Sacramento River
308.9	Gibson.....	Sims.....	Bridge No. 11.....	21' 6"	Sacramento River
310.3	Sims.....	Flume.....	Bridge No. 12.....	23' 9"	Sacramento River
317.8	Castle Rock.....	Castle Crag.....	Bridge No. 15.....	21' 7"	Sacramento River
325.0	Shasta Retreat.....	Shasta Springs.....	Bridge No. 16.....	21' 10"	Sacramento River
329.4	Cantara.....	Mott.....	Tunnel No. 12.....	18' 10 1/2"	
390.9	Klamathon.....	Hornbrook.....	Bridge.....	21' 6 1/2"	Klamath River
411.3	White Point.....	Siskiyou.....	Tunnel No. 13.....	18' 00"	
414.6	Viaduct.....	Wall Creek.....	Tunnel No. 14.....	18' 7"	
415.2	Viaduct.....	Wall Creek.....	Tunnel No. 15.....	18' 4"	
419.9	Steinman.....	Mistletoe.....	Tunnel No. 16.....	18' 0"	
407.8	Dorris.....	Calor.....	Tunnel No. 1.....	21' 2"	
410.0	Dorris.....	Calor.....	Tunnel No. 2.....	21' 2"	
427.1	Texum.....	Klamath Falls.....	Highway Bridge.....	21' 9"	S. P. Tracks
456.0	Lobert.....	Chiloquin.....	Bridge.....	23' 7"	Sprague River

Steinman water tank, impaired side clearance.
 Tracks adjacent to P. F. E. icing platforms at Roseville, Klamath Falls, Ashland and Consumers Ice and Cold Storage Company, Sacramento, have side clearance of less than 7 ft. 8 in.
 Employees are warned that it is dangerous to stand erect on top of cars or to ride on sides of cars while passing these points and that they must protect themselves from injury.

LIST OF SURGEONS

RATING OF LOCOMOTIVES—SACRAMENTO DIVISION—In M's of 1000 lbs. back of Tender

LOCATION	NAME	TITLE
San Francisco	Dr. W. B. Coffey	Chief Surgeon and Manager.
Sacramento	Dr. A. M. Henderson	Division Surgeon.
Sacramento	Dr. G. L. Stevenson	Division Surgeon.
Sacramento	Dr. W. W. Cress	District Surgeon.
Sacramento	Dr. J. Roy Jones	Aurist.
Sacramento	Dr. E. C. Turner	Oculist.
Roseville	Dr. L. E. Jones	District Surgeon.
Roseville	Dr. J. F. McAnally	Associate District Surgeon.
Loomis	Dr. P. D. Barnes	District Surgeon.
Newcastle	Dr. L. B. Barnes	District Surgeon.
Auburn	Dr. J. A. Russell	District Surgeon.
Colfax	Dr. R. C. Atkinson	District Surgeon.
Dutch Flat	Dr. E. A. Bryan	District Surgeon.
Truckee	Dr. J. H. Bernard	District Surgeon.
Reno	Dr. W. H. Hood	Consulting Surgeon.
Reno	Dr. Horace J. Brown	Division Surgeon, State of Nev.
Reno	Dr. C. W. West	District Surgeon.
Reno	Dr. M. R. Walker	Assistant District Surgeon.
Reno	Dr. John A. Fuller	Oculist and Aurist.
Lincoln	Dr. A. W. McArthur	District Surgeon.
Wheatland	Dr. F. W. Didier	District Surgeon.
Marysville	Dr. E. E. Gray	District Surgeon.
Marysville	Dr. Thos E. Lerner	Oculist and Aurist.
Live Oak	Dr. I. W. Higgins	District Surgeon.
Gridley	Dr. W. S. Lavy	District Surgeon.
Biggs	Dr. Geo. W. Hemminger	Emergency Surgeon.
Durham	Dr. J. L. Doyle	District Surgeon.
Chico	Dr. N. T. Enloe	District Surgeon.
Chico	Dr. D. H. Moulton	Associate District Surgeon.
Los Molinos	Dr. J. H. Belyea	District Surgeon.
Gerber	Dr. F. J. Bailey	District Surgeon.
Davis	Dr. Thomas E. Cooper	Emergency Surgeon.
Woodland	Dr. Fred R. Fairchild	District Surgeon.
Arbuckle	Dr. H. S. Powis	District Surgeon.
Williams	Dr. N. M. Salter	District Surgeon.
Colusa	Dr. C. O. Poage	District Surgeon.
Willows	Dr. O. W. Lund	District Surgeon.
Corning	Dr. H. H. Beck	District Surgeon.
Stirling City	Dr. A. L. Derbyshire	District Physician and Surgeon.
Orland	Dr. T. H. Brown	District Surgeon.
Oroville	Dr. E. A. Kusel	District Surgeon.
Fair Oaks	Dr. G. M. Kennedy	Emergency Surgeon.
Folsom	Dr. L. H. Sanborn	Emergency Surgeon.
Placerville	Dr. W. A. Reckers	District Surgeon.
Hamilton	Dr. Mary B. Poket	Emergency Surgeon.
Yuba City	Dr. Philip B. Hoffman	District Surgeon.
Yuba City	Dr. B. F. Miller	District Surgeon.
Walnut Grove	Dr. V. W. Pallesen	District Surgeon.
Isleton	Dr. J. H. Leimbach	District Physician and Surgeon.
Tahoe	Dr. C. B. Pedersen	Emergency Surgeon.
Dunsmuir	Dr. E. J. Cornish	District Surgeon.
Dunsmuir	Dr. J. T. Steele	District Surgeon.
Dunsmuir	Dr. J. R. U. Campbell	Associate District Surgeon
Mt. Shasta	Dr. Jas. B. McGuire	District Surgeon.
Weed	Dr. H. L. Vidricksen	District Surgeon.
Montague	Dr. Chas. Pius	District Surgeon.
Hilt	Dr. Jos. Langer	District Surgeon.
Ashland	Dr. F. G. Swedenburg	District Surgeon.
Ashland	Dr. E. A. Woods	Assistant District Surgeon.
Red Bluff	Dr. F. L. Doane	District Surgeon.
Cottonwood	Dr. R. G. Frey	Emergency Surgeon.
Anderson	Dr. G. E. Flora	District Surgeon.
Redding	Dr. C. D. Sewall	District Surgeon.
Dorris	Dr. A. B. Gray	District Surgeon.
Klamath Falls	Dr. E. D. Johnson	Division Surgeon.
Klamath Falls	Dr. Chas. V. Rugh	Assistant District Surgeon.
Klamath Falls	Dr. Ralph W. Stearns	Oculist and Aurist.
Klamath Falls	Dr. E. D. Lamb	Assistant District Surgeon.
Tule Lake	Dr. J. Randolph Barr	District Surgeon.
Chiloquin	Dr. Marvin Nerseth	District Surgeon.
Alturas	Dr. John Stile	District Surgeon.
Lakeview	Dr. C. E. Leithead	District Surgeon.

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Sacramento and Gerber Via Roseville	Roseville to Colfax Via Eastward Track	Colfax to Sparks Roseville to Colfax via Westward Track	Sparks to Truckee	Truckee to Summit	Davis and Gerber Davis and Marysville	Placerville to Folsom	Folsom to Placerville	Folsom to Sacramento	Sacramento to Folsom	Chico to Stirling City	Stirling City to Chico
M-4	M-63 20/28 126	1615 to 1719	190	4300	1050	690	1650	800	3400	1250	780	3750	2300		
M-4	M-63 20/28 128 S														
M-4	M-63 20/28 135 S														
M-6	M-63 21/28 150 S	1725 to 1769, 1780 to 1803	200	5250	1300	870	2000	1000	4150	1550	990	4600	2850	530	980
M-6	M-63 21/28 153 S	1823 to 1825													
M-9	M-63 21/28 150 S	1806 to 1822	210	5550	1400	930	2150	1050	4400	1650	1050	4850	3000	570	1050
M-9	M-63 21/28 156 S	1826, 1827													
T-1	T-63 20/28 112	2235 to 2271	180	3850	900	590	1400	680	3100	1100	700	3350	2100	370	700
T-23	T-69 21/28 152 S	2283 to 2300	200	4800	1150	750	1800	870	3900	1400	860	4250	2700	440	860
T-26	T-63 21/28 156 S-163 SF	2301 to 2310	210	5550	1350	920	2100	1050	4400	1650	1050	4850	3000	560	1040
T-28, 31	T-63 22/28 162 S	2311 to 2362	210	6050	1500	1000	2350	1150	4800	1800	1150	5300	3250	630	1150
T-32	T-69 23/28 174 S	2363 to 2370	210	6150	1450	970	2300	1100	5050	1800	1150	5400	3450		
		2372 to 2384													
C-11	C-51 22/26 152	2502	180	5150					4050	1550	1000	4500	2750	550	1100
C-12	C-50 20/28 164	2503	190	4750					3700	1400	870	4150	2500	580	1080
C-9, 10	C-57 22/30 200 SF	2513 to 2599, 2750, 2752 to 2860													
C-9, 10	C-57 22/30 194 S														
C-8	C-57 22/30 192 S	2698 to 2749, 2751	210	6650	1700	1150	2600	1300	5200	2000	1300	5800	3550		
C-5	C-57 22/30 187 S	2624 to 2679													
C-5	C-57 22/30 185 S	2680 to 2693													
C-5	C-57 22/30 180	2624 to 2679													
C-5	C-57 22/30 178	2680 to 2693	200	5950	1450	970	2300	1100	4650	1750	1100	5150	3150		
TW-1	TW-54 22/26 147	2900 to 2913	180	5100	1250	850	1950	1100	3950	1500	960	4450	2700	500	950
TW-8	TW-54 21/32 161 S	2914 to 2921, 2923	190	5650	1450	970	2200	1250	4450	1650	1100	4900	3000		
TW-4	TW-56 20/30 120	2928, 2930, 2931	160	3900	970	640	1500	830	3050	1150	720	3400	2050	400	740
A-3	A-81 20/28 112 S-116 SF	3025 to 3040, 3042 to 3071													
A-3	A-81 20/28 120/B-64 SF	3025 to 3040, 3042 to 3071	210	3800					2950						
Mk2-4	Mk57 23 1/2 206 S	3200 to 3240	210	7650	1900	1250	2950	1600	5950	2200	1400	6650	4050		
Mk2-4	Mk57 23 1/2 202 SF														
Mk5, 6	Mk63 26/28 210 S-231 SF	3241 to 3277	210	8400	2100	1400	3250	1850	6600	2500	1600	7400	4550		
F-1	F-63 27 1/2 273 S	3600 to 3652	200	9650	2450	1650	3750	2100	7550						
F-4, 5	F-63 29 1/2 32306/B-61 SF	3668 to 3763													
F-5	F-63 29 1/2 32306/B-62 SF	3764 to 3768	200	11000	2750	1850	4300	2400	8600						
AC-1,2,3	AC-57 22-3/4 441 SF	4000 to 4048	210	13300	3400	2300	5200	3000	10400						
AC-4	AC-63 24-3/4 4475 SF	4100 to 4109													
AC-5	AC-63 24-3/4 4483 SF	4110 to 4125	235	17350	4450	3050	6800	3900	13600						
AC-6	AC-63 24-3/4 4517 SF	4126 to 4150	250	18500	4800	3250	7300	4150	14500						
MM-2	MM-63 25-3/4 320 SF	4200 to 4211	200	10350	2600	1750	4050	2250	8100						
AM-2	AM-63 25-3/4 320 SF	4200 to 4211	210	12150	3150	2100	4800	2700	9550						
MT-1,3,4,5	MT-73 28/30 246/B-60 SF	4300 to 4376	210	8950	2150	1400	3400	1850	6950						
SP-1	SP-63 25-3/4 316/B-60 SF	5000 to 5015													
SP-2, 3	SP-63 25-3/4 317/B-61 SF	5016 to 5048	225	12950	3300	2200	5050	2850	10150						
P-1, 3, 5	P-77 22/28 141 S	2400 to 2452, 2459, 2460													
P-1	P-77 22/28 152 SF														
P-1	P-77 22/28 160/B-54 S	2400 to 2427	210	4850	1100	700	1800	950	3800	1350	810	4300	2550		
P-1	P-77 22/28 163/B-54 SF														
P-4	P-77 23/28 155/B-58 SF	2400 to 2437	210	5350	1250	780	2000	1050	4150	1500	900	4750	2800		
P-8, 10	P-73 25/30 181 SF	2461 to 2474, 2478 to 2483	200	6750	1550	990	2550	1350	5250						
P-8, 10	P-73 25/30 183/B-63 SF	2475, 2484 to 2491													
GS-1	GS-73 27/30 262/B-104 SF	4400 to 4409	250	9550	2250	1450	3600	1950	7450						

Allowance for Empty and Under-loaded Cars.....	Less than 40 M's.....	6	6	3	6	3	6	3	6	3	3	6	6	6	6
	40 M's to 50 M's.....	3	3	0	3	0	3	0	3	0	0	3	3	3	3
	More than 50 M's.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Rating of trains East with two or more locomotives classes AC-4, 5 and 6 will be single rating shown in column 3, Colfax to Sparks, multiplied by number of locomotives used, for the entire district, Roseville to Sparks.

These ratings include the total weight of train, exclusive of engine and tender, which the different class of engines will haul in each direction between the stations shown.

CLASS "C"—Consolidation engine
 "T"—Ten-wheelers
 "MM"—Mallet Mogul
 "AC"—Articulated Consolidation
 "A"—Atlantic Type

"M"—Moguls "Mk"—Mikado
 "TW"—Twelve-wheelers
 "MC"—Mallet Consolidation
 "MT"—Mountain Type
 "GS"—Golden State

"E"—Eight-wheelers
 "P"—Pacific Type
 "F"—Two-ten-two Type
 "SP"—Southern Pacific Type

Example.—Consolidation engine having 57-inch drivers, cylinders 22-inch diameter and 30-inch stroke, and weighing 187,000 pounds on Drivers: C-57—187 30

NOTE.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon.

RATING OF LOCOMOTIVES

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Ashland and Hornbrook	Dunsmuir and Edgewood	Snowdon to Edgewood	Hornbrook to Snowdon	Gerber to Dunsmuir	Dunsmuir to Gerber	Black Butte to Grass Lake	Mt. Hebron to Dunsmuir	Grass Lake to Klamath Falls	Klamath Falls to Crescent Lake	Klamath Falls to Alturas	Alturas to Klamath Falls
T-1	T-63 20/26 112	2235 to 2271	180	410	680	1300	910	1200	2350	1050	1600	3250	1850	1550	660
T-26	T-69 21/28 152-S	2283 to 2300	200	.....	800	.....	.....	1500	.....	1350	2000	4100	2350	.....	.....
T-23	T-63 21/28 156-S-163-SF	2301 to 2310	210	590	1000	1950	1350	1750	3450	.....	.....	.....	.....	.....	.....
T-28, 31	T-63 22/28 162-S	2311 to 2362	210	700	1100	2100	1500	1950	3750	1750	2600	5250	3050	2450	1050
C-9, 10	C-57 22/30 200-SF	2513 to 2599, 2750, 2752 to 2860	210	800	1250	2400	1650	2150	4200	1950	2950	5850	3400	2750	1200
C-9, 10	C-57 22/30 194-S														
C-8	C-57 22/30 192-S														
C-5	C-57 22/30 187-S														
C-5	C-57 22/30 185-S														
C-5	C-57 22/30 180														
C-5	C-57 22/30 178														
TW-8	TW-54 21/32 161-S	2914 to 2921, 2923	190	640	1050	2000	1400	1850	3500	1650	2500	5000	2900	2300	1000
MK-2, 4	MK-57 23 1/2/30 206-S	3200 to 3240	210	930	1450	2800	1950	2500	4900	.....	.....	.....	.....	.....	.....
MK-2, 4	MK-57 23 1/2/30 222-SF-230-SF	3241 to 3277	210	970	1550	2950	2050	2750	5300	.....	.....	.....	.....	.....	.....
MK-5, 6	MK-63 26/28 210-S-231-SF														
F-1	F-63 27 1/2/32 273-S	3611 to 3652	200	1150	1800	3300	2450	3200	6100	2800	4300	8400	4950	.....	.....
F-4, 5	F-63 29 1/2/32 306/B-61-SF	3668 to 3763	200	1250	2000	3950	2600	3650	6950	3200	4900	9650	5650	4850	2150
F-5	F-63 29 1/2/32 306/B-62-SF	3764 to 3768													
F-6	F-63 29 1/2/32 314/B-61-SF	3769													
AC-1, 2, 3	AC-57 2 3/4/30 441-SF	4000 to 4048	210	1600	2500	4750	3350	4450	8350	4000	5900	11700	6800	5550	2500
AC-4	AC-63 2 3/4/30 475-SF	4100 to 4109	235	2100	3250	6200	4350	5800	10900	5200	7700	15200	8900	.....	.....
AC-5	AC-63 2 3/4/30 483-SF	4110 to 4125													
AC-6	AC-63 2 3/4/30 517-SF	4126 to 4150													
MM-2	MM-63 2 3/4/30 320-SF	4200 to 4211	200	1200	1900	3600	2550	3400	6450	3050	4500	9000	5250	.....	.....
AM-2	AM-63 2 3/4/30 320-SF	4200 to 4211	210	1500	2300	4350	3050	4050	7650	3650	5400	10600	6200	.....	.....
MT-1,3,4,5	MT-73 28/30 246/B-60-SF	4300 to 4376	210	1000	1650	3350	2300	2850	6200	2500	3850	7750	4500	.....	.....
GS-1	GS-73 27/30 262/B-104-SF	4400 to 4409	250	.....	1750	3550	.....	3000	6450	2700	4050	8400	4800	.....	.....
SP-1	SP-63 2 3/4/30 316/B-60-SF	5000 to 5015	225	1450	2300	4750	3150	4300	8000	3650	5400	11350	6250	5550	2450
SP-2, 3	SP-63 2 3/4/30 317/B-61-SF	5016 to 5048													
Allowance for Empty and Underloaded Cars			Less than 40 M's	3	3	3	3	3	6	3	3	6	6	6	3
			40 M's to 50 M's	0	0	0	0	0	3	0	0	3	3	3	0
			More than 50 M's	0	0	0	0	0	0	0	0	0	0	0	0

TRAINMASTERS

E. C. PEARCE..... SACRAMENTO, CAL. H. A. SPRAGUE..... KLAMATH FALLS, ORE.
 C. C. FISHER..... SACRAMENTO, CAL. J. B. STARBUCK..... DUNSMUIR, CAL.
 M. L. JENNINGS..... ROSEVILLE, CAL.

CHIEF TRAIN DISPATCHERS

O. T. STACKPOOLE..... Chief Train Dispatcher..... SACRAMENTO, CAL. C. N. JONES..... Assistant Chief Train Dispatcher..... SACRAMENTO, CAL.
 T. F. CUSTER..... Chief Train Dispatcher..... DUNSMUIR, CAL. P. B. BELL..... Assistant Chief Train Dispatcher..... DUNSMUIR, CAL.
 D. A. NEELLEY..... Assistant Chief Train Dispatcher..... SACRAMENTO, CAL.

ROAD FOREMEN OF ENGINES

F. E. KEENAN..... SACRAMENTO, CAL.
 W. C. DAVIS..... DUNSMUIR, CAL.

EXAMINER

W. S. HOOSON..... SACRAMENTO, CAL.

E. F. NASSOY, Assistant Superintendent

AVERAGE TARE WEIGHTS OF PASSENGER TRAIN CARS

CLASS	NOT AIR-CONDITIONED		AIR-CONDITIONED	
	All-Steel	Steel Underframe	All-Steel Cooling Season	All-Steel Heating Season
Baggage—60 ft.	93,070			
" —66 ft.	127,610			
" —70 ft.	122,620			
" —70 ft. (With Auto. End Door)	125,800			
" (Dynamo)	98,730			
		87,120		
Baggage & Mail—60 ft.	103,620			
" —69 ft.	124,760			
" —70 ft.	129,140			
" " Passenger	103,590			
Express Refr.—N. P. Ry.	112,640			
" —A. R. E. No. 40-154	74,000			
" " " " 155-224	78,000			
" " " " 500-506	89,000			
" " " " 1101-1175	110,000			
" —P. F. E. " 500-799	85,000			
Express, Horse	83,000			
Postal	133,050			
Postal Storage—40 ft.	112,120			
" —60 ft.	74,530			
Club	105,120			
Official	146,210	122,300	160,726	153,710
Chair—60 ft.	170,700	155,370		
" —74 ft. (Ice Sys.)	100,620		112,985	108,120
" —74 ft. (Steam Elec. Sys.)			180,915	173,125
Coaches—60 ft.			197,944	181,600
" —70 ft.	98,130		110,380	105,630
" —72 ft.	137,640		151,671	145,140
" —73 ft.			153,782	147,160
" —72 ft. (Interurban)			163,245	161,000
All-Day Lunch—Chair	120,000			
" —Coach	105,970			
Cafe Coach	103,875			
Diner—70 ft.		138,600	*152,675	*146,100
" —72 ft.		135,930		
" —77 ft. (Arch Type Roof) (Ice Sys.)	155,330		146,930	
" —77 ft. (Cere Story Roof) (Ice Sys.)	156,000		170,857	163,500
" —77 ft. (") (Mech. Sys.)			165,530	171,675
" —79 ft.			189,581	173,836
" —80 ft. (Cere Story Roof) (Mech. Sys.)	169,100			
Cafe Parlor		201,323		184,700
Lounge	148,950	161,200	160,198	153,350
Observation—75 ft.			188,949	180,813
" —77 ft.	154,400		169,185	161,900
			194,543	186,166
		141,870		
Pullman-Observation (Ice Sys.)	160,800	153,000	177,314	169,200
" (Mech. Sys.)	160,800	153,000	185,627	170,300
" Lounge (Ice Sys.)	171,200		187,682	179,600
" (Mech. Sys.)	171,200		196,963	180,700
Pullman Bedroom Car (Ice Sys.)	167,600		183,920	176,000
" (Mech. Sys.)	167,600		193,039	177,100
" Sleeper (Ice Sys.)	163,100		180,075	171,500
" (Mech. Sys.)	163,100		188,134	172,600
" Tourist (Ice Sys.)	153,000		163,663	161,400
" (Mech. Sys.)	153,000		167,625	162,500
Rail Gas-Electric Car, 400 H.P.	158,400			
" " 600 H.P.	167,200			

*Steel Underframe.

MILEAGE Main Tracks

	First Track	Second Track
End of Western Division Sacramento	S. P. R. Ry.	.86 .86
Sacramento Lawton	C. P. Ry.	147.73 149.29
At Elvas (West Wye)	C. P. Ry.	.31 .31
Polk Elvas	C. P. Ry.	4.64 3.00
Davis to Tehama	S. P. R. Ry.	109.71
Roseville to California-Oregon State Line	C. P. Ry.	297.50
California-Oregon State Line to Ashland	S. P. Co.	27.60
Black Butte to Crescent Lake	C. P. Ry.	181.78
Paola to Klamath Falls	N. C. O. Ry.	2.31
	(C. P. Ry.)	95.41 97.72
TOTAL MAIN TRACK		867.85 153.46
BRANCHES		
Colusa	S. P. R. Ry. Harrington to Wyo.	71.66
Dantoni	C. P. Ry. Dantoni Jet. to Dantoni	4.46
Fair Oaks	S. P. R. Ry. Citrus to Fair Oaks	2.11
Folsom	S. P. R. Ry. Folsom Jet. to Folsom	.99
Fruto	S. P. R. Ry. Willows to Fruto	17.20
	(S. P. R. Ry. Woodland to West of Cunard	9.71
Knights Landing	S. P. Co. West of Cunard to Grace	1.20
	(S. P. R. Ry. Grace to Binney Junction	26.23
Lake Tahoe	S. P. Co. Truckee to Lake Tahoe	37.14
Oroville	S. P. R. Ry. Binney Junction to Oroville	14.74
Placerville	C. P. Ry. Brighton to Beginning S.P.R.R. Track	25.27
	(S. P. R. Ry. Beginning S.P.R.R. Track to Placerville	.07
"R" St.	(S. P. R. Ry. At Brighton (Link Track)	54.92
	(S. P. R. Ry. Brighton to "Q" St., Sacramento	54.99
River Farms	C. P. Ry. Knights Landing Jet. to Boyer	.32
Stirling City	C. P. Ry. Chico to Stirling City	4.94
Sutter Basin	S. P. Co. Grace to Josephine	5.26
	(Marchant to Karnak	14.21
	(C. P. Ry. Sacramento to Front and "K" St.	31.22
Walnut Grove	(S. P. R. Ry. "K" St. to "N" St.	20.96
	(C. P. Ry. "N" St. to Isleton	2.75
Lakeview	N. C. O. Ry. Alturas to Lakeview	29
		.24
		32.94
		33.47
		56.16
TOTAL BRANCHES		392.59
TOTAL SACRAMENTO DIVISION		1413.90

MAP OF THE SACRAMENTO DIVISION SOUTHERN PACIFIC COMPANY

APRIL 1933

R.R.B.

SCALE IN MILES



Revised Jan. 1, 1934

