SOUTHERN PACIFIC COMPANY

(PACIFIC LINES)

TIME TABLE

FOR THE

SACRAMENTO DIVISION





To Take Effect Sunday, October 1, 1933, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employes 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.

		E	ASTWAR	D						SACRAI	MENTO	SUB-DI	VISION				mt Makia Na 1
Control of the last of the las	1		TH	IRD CLAS	-		i	4800			FIRST	CLASS	004	010	10	E 8	Time Table No. 1
	Capacity of		490	488	486	484	482		CE	-	-	28 San Francisco	224	318	10 Pacific	Distance from San Francisco	October 1, 1933
The same and a second	Sidings in Car Lengths	ACT	Freight	Freight	Freight	Local Freight	Freight		1	1/1	1341	Overland Limited	Sierra	Passenger	Limited	Jista Jan F	
1000	giller Water	-	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	-	-			Leave Daily	Leave Daily	Leave Daily	Leave Daily	- 2	STATIONS
the second section is	Term. Yard BKTWOPY		9.00PM	4.00PM	12.30PM	4.00AM	3.00AM	HID	ARI			10.50PM	11.05AM		1.05 AM	106.6	TO-R ROSEVILLE
	Yard P					4.15AM							f 11.14AM			110.6	ROCKLIN
	65					See Page 3						11.06	See Page 3		1.21	115.5	LINCOLN AV., PENR
A STATE OF THE STA	84 WP		9.40	4.40	1.10	5.50AM	3.40					11.15	s 11.45 AM		s 1.33	120.2	TO NEWCASTLE
1	78 WP					6.15		1		and strike he		f11.23	s 11.57AM		s 1.47	124.2	AUBURN, NEVADA
A ST AND ASSESSED IN	68 P			W Bell	TE	6.30	N. M. Ja	- 20	I Ru			11.32	f 12.06PM		1.57	129.1	BOWMAN 2.3
	P			25000	100	T. 600110	S Line		Bottle V	100 1000			f 12.12			131.4	OLIPPER GAP
	78 W					7.00						11.41	f 12.19		2.06	134.3	EAST APPLEGAT
	75 P					7.15	BH1 :	5.8				11.47PM	f 12.27		2.12	137.7	N. E. MILLS
Santial Toronto	Yard YPWBK		10.30	5.50	2.00	8.30	4.30					12.01 AM	812.40		8 2.30	141.7	TO COLFAX
	60 P		P 19 8 1	. 40	many.	- 6	100	3 1 6	1000000	TA - 8	1 19	12.13	12.52	0 30	2.45	146.0	CAPE HORN
AND THE RESERVE AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLU	125 PWOY		11.15 PM	6.45	2.45	9.15	5.15	1 68	100	1149	1 5	12.28	f 1.07	8-16	s 3.00	152.2	TO GOLD RUN
	6 P Spur	B 100 10	100	-	7000		-		STATE OF STREET	100	0.00	10 70	8	1		154.1	DUTCH FLAT
The San Street of the Lord of	4 P Spur									100			8			156.0	ALTA 0.8
	5 Spur PW		2000	19.04		9.45AM		1000				12.43	s 1.26		3.18	156.8	TO TOWLE
			100000				Marie A									159.6	AMERICAN 1.1
tward inferior trains may	75 P		ALC: UNITED BY		1901/1		114	1800				12.57	f 1.41		3.35	160.7	MIDAS 4.1
head of No. 318 Reno to	78 WP		1.10AM	9.00	5.00		7.30	TC.			Lebus 1	1.10	1.54		3.50	164.8	KNAPP 0.7
s.	Yard PTW		W. 19 11 11 11 11 11 11 11 11 11 11 11 11				100	THE PERSON					f			165.5 166.6	BLUE CANON
17/200-10/2	86 IPTW		THE REAL PROPERTY.		- Hert		ADST	1930				1.27	s 2.12		s 4.10	171.8	TO EMIGRANT GA
	82 PW		2.20	9.40	5.50		8.20	15			1334	1.42	f 2.28		4.27	177.9	ORYSTAL LAK
V 1.50 - 10 / /	PWT		PER SE		1000								8 2.34		s 4.35	180.3	0ISO0 5.2
	67 PW		THE WAY		7 703.5	man.			Fil		W. The	1.59	2.47		4.48	185.5	TROY
	P								Man				6		f	190.4	SODA SPRINGE
	130 PTWBI		3.00	11.00PM	7.00	111	9.30	1 Bases	231	187		2.14	s 3.01		8 5.05	192.0	TO NORDEN
			- Yulli		- [6] [37		Serve .		100	18 886					196.3 197.7	EDER 2.9 ANDOVER
	PT		440		Sala and the		774	A MINISTER	10000		I BU DARY	434				200.6	STANFORD
	72 PW											2.34	3.21		5.27	202.9	TO-R TRUCKEE
	Yard PWTYOBK	. 30 . A	4.30	12.20AM	8.15		10.50AM		CEDI	UG J	pent	s 2.45	s 3.35		8 5.45	208.0	BOCA
	P			200								3.02	f 3.51	- 10	6.05	216.3	1.8 HINTON
	99 P					0.000	Charles and and					3.06	3.55		6.10	218.1	FLORISTON
	68 PW							180		-		3.14	f 4.02		6.20	222.4	OALVADA
4	No Siding WP			(15	BELLDIA	M HOA) SERVER	CERAC	STAL	PACIFIC	2				- 10	228.5	VERDI
	131 P		6.15	1.30	10.00		12.10PM	ALC:				3.32	f 4.18	7.00	6.42	232.4	RENO
	Yard P					-	-	1200	-			8 3.55	6 4.35 4.50	7.304	8 7:25	242.9	SPARKS (PASS. ST
	Yard												6 4.59	1 7 40"	8 7 40 11	245.5	TO-R SPARKS (DSP.
	Term. Yard OWTBK		7.15AM	-	10.45 PM		1.05 PM	- time	2012/11/2	on edi	200		s 5.02PM		Arrive Daily		(137.1)
			Arrive Daily		Arrive Daily	ma. Dunumy						Arrive Daily		(0.12) 16.50	(6.30) 21.09		Time over D
			(10.15) 13.38	(10.35) 12.95	(10.15) 13.38	(5.45) 8.73	(10.05) 13.60		1			(5.20) 25.70	(5.57) 23.04			11 11	
ADDITIONAL FLAG STOPS TO						NAL FLAG STO	PS TO RECEIV	E OR DISCH	ARGE PASSEN	GERS		Eastward tra	ains using si	ding at Cli	pper Gap m	ust back t	hrough crossover near
rain At Receive or Dischar	Passengers to (or t	eyond) Passengers from	om (or beyond)	Train	At	Receive or	Discharge Pas	sengers to (or	peyond) Pass	engers from (or	beyond)	LTBS Oldste	and Charles			E land	12 lich lette , de selve
28 Any Station Receive 10 Any Station Receive 28 Colfax Receive or	Cheyenne Ogden	Superintender			Lander Magra, Foreb Smart	ay	Butter of the Paris		19		mar o ma	L	nal Stations ander, 139.0		Spruce, 187.8 Polaris, 211.	3	Wickes, 221.5 Farad, 224.7
28 Colfax Receive or discharge	To or from any poi is scheduled to	stop	N. T.	224	Smart Yuba Pass Spruce Union Mills							F	lagra, 148.5 orebay, 163.	0	Union Mills,	213.5	Mystic, 225.5
					Union Mills Farad Fleish Lawton							Q,	mart, 173.3		Prosser Cree Iceland, 220	ek. 215.0	Fleish, 229.8 Mogul, 235.8

	EASTWA	RD	Time Table No	. 150		SACRA	MENTO	SUB-D	DIVISION	UZ GININ	WE	STWAR	D
Tien	a Telepijo	Low 1		88	A TUN	Transition of the second		IRST CLA	55 110033		THIRD	CLASS	
1	484 Local Freight	224 Sierra	October 1, 19	33	Distance from Sparks	21 Pacifie Limited	317 Passenger	9 Fast Mail	27 San Francisco Overland Limited	533 Freight	535 Freight	485 Local Freight	Capacity o
	Leave Daily Ex. Sunday	Leave Daily	STATIONS		-	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Car Length
	- TOTAL CAL		TO-R ROSEVILL	E)	138.9	s 7.05PM		8 3.35AM	s 4.30AM	10.00AN	3.30AM	2.00PM	Term. Yard
	4.15AM	f 11.14AM	ROCKLIN		134.9		700		f 4.23	-4-5-19			P Yard
The s	4.30	s 11.24	TO LOOMIS		131.6	f 6.50		3.22	s 4.15			1.35	P 94
	5.10	s11.33	PENRYN		128.9	f			f 4.08		102.7		P 51
	5.50AM	811.45AM	TO NEWCASTL	E	125.9	s 6.35		3.08	s 4.00	8,00,8		1.10	WP 58
			FLINT		121.9	25.01							P 73
The	above sched	lules ere	TO AUBURN		121.0	8 6.22		2.56	s 3.47			12.40	WP 50
	only for inf		BOWMAN		117.1	6.10		2.48	f 3.35	88.8		12.15PM	
and hav	e no time-	table su-	OLIPPER GA	P	114.6	5.10		2. 20	f 3.33			-12.13	P 58
eriority	between wcastle, bu	Loomis t will be	west apples	-	111.6	f 5.57		2.36	f 3.22			11.55AM	
mown	by their	numbers	N. L MILL		108.4	f 5.49			f 3.14	L CONT.		11.35 AM	Spur P 57
and har	idled only	by train	TO COLFAX		103.4	8 5.35				8.00	1.30	11.20	YWPBK
Newcast	etween Locale.	omis and	CAPE HOR	V	99.1	5.19			8 3.00	8.00	1.30	11.30	Yard
. o ous	SMAL DITW	OT 3	TO GOLD RUN	-	1 00	f 5.05		2.01	2.41	7.15	10.454	10.15	P 62
	NEW SHOOT		DUTOH FLA		92.9	f 5.05		1.47	f 2.26	7.15	12.45AM	10.45	WOYP 65
	13×7/×30	0115	TO TOWLE		91.0	1			f			46.1	SPUR P 6
-	PRIAVAN		2.8		88.3	4.50		1.36	f 2.12	00.0		10.15AM	WP Spur 5
	to dilet		AMERICAN	_	85.5								
-	7 100 Acres		MIDAS 4.1	_	84.4	f 4.40		1.25	2.00				P 75
	TWO DOWN	8.07	KNAPP 0.7	-	80.3	4.30		1.16	1.49				P 78
-	2 / 10 / 2		BLUE CANO	- !	79.6	f				800.01			PTW
	4.5 410 CA 6		TO EMIGRANT G	AP	74.4	f 4.15		1.02	f 1.31	6.15	11.45PM		WPI 80
	0.0		YUBA PASS	3 3	70.1	4.04		12.52	1.20				Summer 69 P
	Trusto		ORYSTAL LA	KE	67.9	3.58		12.47	1.14	1 1 2			PW 82
	CON A SERV		CISCO 5.5		65.9	f 3.52			f 1.08	112			PT
	TO ALLO	1575	TROY		60.4	3.39		12.32	12.55				PW 56 Summer 68
	DEN		SODA SPRIN	GS	55.5	s 3.27		CCE.V	f12.43				P
	7		TO NORDEN		54.2	s 3.22		12.17	f 12.38	4.30	10.00	+	IPTBW 79
	dodwinich		SUMMIT		53.2	12.22						THE ST	P (Upper) 5 (Lower) 7
	PROPERTY.	OT	DONNER 1.5		50.0	3.06		12.05AM	12.22				P 91
	CHESTIN		EDER 2.9		48.5	88.61					-		
	MAKERY.	11	ANDOVER	T	45.6	12881					70.00	CB.III	PT
	THE STATE OF	8-01)	STANFORD	C. T. C. P.	43.3	2.48		11.48PM	12.04AM			22.II M	WP 72
	18.5317		TO-R TRUCKEE	Serie A	38.2 38.0	8 2.35		PART PROPERTY.	s 11.50PM	2.45	8.15	2 more per	Yard PWTYOBK
To the	E Came and		BOOA		29.7	2.17			f 11.25	of Fall Line	100000	man.	P 53
- ATTORES		94	HINTON		27.9	2.13		11.10	11.20		64/6	- Cara 10 8	P 64
			FLORISTON		23.6	2.06			f11.12				P
			CALVADA		17.6		249.26			COLUMN TO STATE	II IP CHILD	C No Principal	WP
	19 (19)	Best British	VERDI	DAMES AND ADDRESS OF THE PARTY	13.7	1.48		10.45	f 10.52	1177.23	COLUMN TO	ATT TO A STATE OF	P 131
			RENO		3.3		s 9.50PM	10.05	s 10.30				Yard P
		Total Park	SPARKS (PSGR.	STA.)	0.7	11	8	810.02	2 10.30	01			Yard
			TO-RSPARKS(DS)		0.0	1.10PM	9.35M	0.50	10.05₩	1.00#	6 30 11		Term. Yard
	Arrive Daily Ex. Sunday	Arrive Daily	(138.9)		3.0	Leave Daily	Leave Daily	Leave Daily	Leave Daily	1.00 AM	6.30PM	Leave Daily	OWTBPK
	- Sanday	-	Time over Distr									Ex. Sunday	-
			Average Speed per			(5.55) 23.48	(0.15) 13.20	(5.45) 24.16	(6.25) 21.65	(9.00) 15.43	(9.00) 15.43	(3.45) 13.50	

SACRAMENTO SUB-DIVISION

3

EASTWARD WESTWARD Time Table No. 150 FIRST CLASS October 1, 1933 Distance from Lake Tahoe Capacity of Sidings in Lake Tahoe Branch Car Lengths STATIONS Term. Yard 208.0 TO-R TRUCKEE 14.7 HEADLAND 212.1 10.6 DENVALE 213.6 9.1 MoPHETRES 213.7 9.0 BIG CHIEF 214.7 8.0 215.7 BULLS HEAD 7.0 216.7 SQUAW CREEK 6.0 217.6 OLD ROAD 5.1 218.5 DEER PARK 4.2 220.5 RAMPART 2.2 MOSS HILLS 222.0 0.7 Term. Yard P LAKE TAHOE 222.7 0.0Time over District...... Average Speed per Hour....

Water at Mystic on No. 1 track only.

Westward passenger trains from Sparks should take water at Truckee in prefernce to other water stations.

No. 21 will get mail pouch from baggage room Auburn on Sundays and Holidays.

Additional Stations:

Lawton, 237.1.
Mogul, 235.7.
Fleish, 229.8.
Mystic, 225.5
Farad, 224.7.
Wickes, 221.5.

Iceland, 220.9.
Prosser Creek, 215.0.
Union Mills, 213.5.
Polaris, 211.1.
Spruce, 187.8.
Tamarack, 183.7.

Smart, 173.3. Forebay, 163.4. Alta, 156.0. Magra, 148.5. Lander, 139.0.

	ADDITIONAL	FLAG STOPS TO REC	CEIVE OR DISCHARGE PA	SSENGERS
Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond
27 21 21	Any Station Any Station Alta	Discharge Discharge		Ogden East of Reno

4		EASTW	ARD				The state of	RD	AWTES	SACRAM	ENTO SI	UB-DIVISION	A-ans, o	MENT	SACRA		031	dell'ami		EASTWARD
					TI	HIRD CLA	55	0.00	REGIO OF	HEY:	102	SECOND CL	ASS		FII	RST CLAS	S	20	8 8	Time Table No. 150
Capacity of Sidings in Car Lengths	53W		fine Tab	4		AID TER	498 Local Freight	502 Local Freight Leave Daily	496 Freight	512 Mixed	514 Local Freight Leave Daily	27 Unional Unional	510 Mixed	317	8 Shasta Leave Daily	18 Cascade	16 West Coast Leave Daily	292 Valley Express Leave Daily	Distance from San Francisco	October 1, 1933
	37						Leave Tues., Thurs., Sat.	Ex. Sunday	Leave Daily	Ex. Sunday	Ex. Sunday		Leave Tues. and Sat.		-		Deave Daily	Deave Daily	75.0	TO-R DAVIS
Term. Yard IWYP	42	domini po	SET TREES			1 1 1	inits in	1 -40	NI S	4.00AM	3.45 AM	100.5	1000		10.05 PM	8.55PM		THURST TO	75.6	5.1 MERRITT
100 P							1.70	17799					-		10.11	9.01	701.	1000	80.7	MULLEN
17							4				200	E	-		00.01	-	214	000	7 17 1	TO-R WOODLAND
BKIPW Yard 107	1,01	- 1	A		. 7					4.20AM	4.15	All des 1			s 10.19	9.10	207	DELTA	84.9	S. N. R. R. Crossing
25 P									11.1		5.00	00.1	3,00		10.25	9.16	210	NOW THE P	89.9	TO YOLO
29 P	1	-													10.32	9.23	131	tur	95.8	TO ZAMORA
17 P							11 0	778	15:61			THE	3.86		15.6.2	1.151	Tital	MUA -	98.0	BRETONA 5.2
36 WP	4.0							4 10	12.10		6.33	25.5	Black:		10.41	9.31	9063	Wall	103.2	TO DUNNIGAN
40 P										15/1/19/						and the	885.4	NYCHO-	106.4	HERSHEY
118 119 YP			A COLUMN					4 30	88.11 N			CC-E	2.36		10.47	9.37	11 017	PLA TEXA	108.3	HARRINGTON 5.2
119 YP 44 P								Township I			7.00	THE WATER	00 -		s 10.55	9.43	93313	K _ K	113.5	TO ARBUCKLE
30 PW			57.5		. 1			STREET -	DEC 3.7	OR I	00.8	3.00	7157		11.01	9.48	132.1	1200	117.6	GENEVRA 0.9
11	-		DESTA DE									TAC TAC	10.0		8.19	7.89	6800	CAPE	118.5	MACY 5.7
50 P		RORAT	THE REAL PROPERTY.			los Y	and I	-7709	NE OIL IN	Observe Comments	8.05	AC C	76.1		s 11.10	9.55	00731	GJDD .	124.2	TO WILLIAMS
45 P					10			WARTEN			8.55				11.17	10.00	Arv	BOTTO	129.1	OORTENA
59 WP								- W 15 W 164	NT DT			War I also	06.1		s 11.22	10.04	E3.4	102	132.7	TO MAXWELL
39 P	1	Toyon I	eve sect								9.20				11.29	10.09	X 8 0	CENTRA	138.0	DELAVAN
34	- 1	- 10011 90 00										mic	260.1		11.34	10.15	and a	ane	141.8	NORMAN 2.2
31 P												TO LONG	Last I		(18.4	4.01		ARX	144.0	LOGANDALE 5.6
64 BKWOYP								11.30AM			10.00AM				s 11.50	10.27	100% A	D RECTH	149.6	TO-R WILLOWS
10				OF STREET E	off an also	Children Street		157		C26 17	212 1	118.1	2.03		61.6.1	Air Te	HARRY	LA SERIMAN	152.9	LYMAN 3.6
44 P				- med ed	erection (a gar	aw salto o	mar II i	11.55AM				1 20 1	N2 C/		11.59PM	10.35	23A-7	Zith	156.5	ARTOIS
50	on a condition of	an er idial a	Description	pock-pf-rfs-fis	ton I was	a Hive IP o							70-21		12.03AM	10.39	12143	DATE OF THE PARTY OF	160.4	GRAPIT 1.3
33 P								77				80.7			1 202	6.00	100	ino.	161.7	GREENWOOD 3.4
e (41 KPW								12.30PM				10000	7.30AM		s 12.12	10.45		DECE	165.1	TO-R ORLAND
39 PY					- 51							1 1 1 1 1 1 1	7.35AM		78.6 +	1.00	CONTRA	ms Acros	166.7	WYO 2.0
11					- 10			WREST		00.01	DE D	THE ST	71.61		155 F 1	2.10	aron	HOR	168.7	MALTON 4.4
26 P							1 26	Fred Tall	- 19-1						12.22	10.54	1925	Gris.	173.1	KIRKWOOD 5.1
47 P								2.27				III I cc cr	HERO, S.I.		s 12.33	11.01	77.7	1807	178.2	TO CORNING
44 P															12.38	11.06		ridge.	181.3	RICHFIELD
120 YP							4.00PM	3.30	11.45M						12.45	11.14	1.38PM	5.26AN	186.0	R TEHAMA
							4.10PM		11.55M			W work	M109-11		s 12.53 AN	s 11.22P	s 1.45PM	8 5.35 AM	188.1	TO-R GERBER
Term.Yard BKWOPY					T.		Arrive Tues., Thurs., Sat.				Arrive Daily Ex. Sunday	- moe.r.	Arrive Tues.		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	94	(112.5)
			p. 600 N	nlial leder	7-	on real	(0.10) 12.60	(4.10) 9.24	(0.10) 12.60	(0.20) 27.90	(6.15) 11.84	75.11			(2.48) 40.18	(2.27) 45.92	(0.07)	(0.09) 14.00		
		-S .0.012		Proper	100	Magal, Sa	12.60	9.24	12.60	27.90	11.84	05.11	19.20	1	40.18	40.92	18.00	14.00		

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

At Woodland, the Woodland-Oroville main track originates at east switch of siding, located 150 feet east of cattle guard 85-A.

Trains to and from Knights Landing must use Woodland siding.

No. 292 will operate as mixed daily except Monday and passenger only on Monday.

West end of Harrington siding west of crossover is the westward siding and east end east of crossover is the eastward siding; Junction switch located at crossover.

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

Additional Stations:

Elvaton, 89.2 Dufour, 92.1 Ronda, 93.7

Delphos, 126.8 Riz, 146.0

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond
18	Any Station	Receive	Black Butte or beyond where scheduled to stop.	
8	Any Station	Receive	Black Butte and points on Siskiyou line.	
8	Any Station	Discharge	(on binkiyou and.	Davis
18	Woodland Williams Willows Orland Corning	Detrain	The cod	Berkeley University Avenue and West

	1	ASTAG8	ESTYMA	W		S	ACRAMENTO	SUB-DIV	ISION							VAAD	WEST	WARD	5
m. m.11 W. 450	g			FIRST CLAS	S ALIO TARRA	SEC	COND CLASS	1	1		- INOT	AJO THIS	THIRD	CLASS		815.10	GRINY	7/	1
Time Table No. 150 October 1, 1933	Distance fror Gerber	7 Shasta	293 Valley Express	17 Cascade	15 West Coast	511 Mixed	1, 1823	497 Freight	503 Local Freight	513 Mixed	515 Local Freight	499 Local Freight	505 Freight	28 min through	494	480	.89h	500	To efferig
STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Mon., and Fri.	al arring the	Arrive Daily	Arrive Daily Ex. Sunday	Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Mon., Wed., Fri.	Arrive Daily	and a			4000		
TO-R DAVIS	112.5	s 7.20AM	s 9.35A	M s 4.50PM				LANG A. L	8,58 8	11.10AM	4.30PM	and Atlanta	LOCK STREET TO	and sheet	1000-1		A A Sept.	March at S	
MERRITT 2.5	107.4	7.08	f 9.25	4.43	5.10mr.6.1	MG 2 17 43	A CHEST	(164) Man	1,14 10	13.25	4.15	81.01 M	02.01	10.10				24,30 PE	FIFTON
MULLEN 1.7	104.9		f	T. S	5.61 10.2	1.00		O Company	1.39	12,32	S. I g Age	10.33	10.27	1.01	8.10			5.40	TVI, bu
TO-R WOODLAND S. N. R. R. Crossing	103.2	s 7.00	s 9.15	8 4.37	J- 14 1.30	E 1 124	The state of		Athon	10.50AM	4.00		3 1		6.09	4-93	L. L. College		Wil ho
TO YOLO	98.2	6.50	s 9.00	4.27					CARRIED CONTRACTOR	1 1 1 1 1	3.00	12.01	NE.01	KS.01	8,09				
TO ZAMORA	92.3	6.42	s 8.50	4.19	ARET ISO	- C.S.E 8.8	1 10 10 10 10 10	TA IND	L. Katerian	BEELL	2.40	86.01	0.610.410	Be OLL	9-17	0.22	3-97		2 hay
BRETONA 5.2	90.1	12.3	f	150 - 177	NO WEST	Mark Collection	1001	nous hor	Kape? In	TERT .	OPTER	810.4B	10.57	EF-03x		W.00.8	19-7	86-8	7950
TO DUNNIGAN	84.9	6.33	s 8.38	4.10	12 1 1 2	10.0	COL THE		0.000	78.45	2.15	72.01			0 000	1100			11 1
HERSHEY	81.7	C. 11 13	f		DB 2 1.0	13.8	1000	MIX TOT	divine		821 123	(-0,11a			0.00	10.00	7 00	6.45	779 1
HARRINGTON 5.2	79.8	6.27	s 8.30	4.04	8 6 9 6	7.00	Direction of the control of the cont	W1 7.9	2.750	32.34	1.45				2.14	10.00	10.000		7 . 6
TO ARBUCKLE	74.6	6.21	s 8.22	3.58	Side of Girls III.	173.0	THE PERSON NAMED IN	EL CASA	P.Shr.	111125	1.30	17.73			13,175	1.25	2.00	00.8	1
GENEVRA 0.9	70.5	6.15	f 8.14	3.52	STREET, STREET	2.0	DAN CAR	N 10 00/2	DATE		12.45	51.11			10.00		7.55		
MACY 5.7	69.6		f	- 81	- A - 10	10.0	KATE STRAIL	AMERICA DV	1,88,1		8.235	06.11.20						9.30	977 1
TO WILLIAMS	63.9	6.07	s 8.05	s 3.44	240	0.4	3600		XMT	713.700	12.20PM	11,20			3 - 11		0.10		7 7
CORTENA 3.6	59.0	6.00	f 7.52	3.37	0 10 10	9.0	SCIAMED.	TAG LA	II-201-1		12-25			0 1	4.07		14,111		
TO MAXWELL	55.4	5.55	8 7.46	3.32	DE NUMBER	17 C. 1	The state of the s	15, 65, 65	in correction.		11.35AM	OF LEEL			7.50	9.00	11.20	MOE,OX.	elir Qua
DELAVAN	50.1	5.48	f 7.37	3.25	3 [3 4.98]	0.0	11 - Internal	U. W. SHALE	SHT .						9.00		111111		
NORMAN 2.2	46.3	1.01	f	3.83	SE 3.13	0.0	MONTE OF OR	20,70,70 (3	There's		100	11.46			2-0-0		10.00		15.0A 0
LOGANDALE	44.1	5.40	f 7.28	3.17	BF 0.90	0.88	TV	10 10 10	ROFF	11 100	able T	13.31							
TO-R WILLOWS	38.5	s 5.33	s 7.20	s 3.10		1117	Daile Take	10 110	10.30AM	THE PERSON	11.00 AN			B 1	3.30		10.10		- 5
LYMAN 3.6	35.2	0.0	f	9.80	NA 1 1-30 Y	R67.4 E.08	MACCON O MAG	1 100	Ler	11.00	11.5° 3.10	811.5P		1 1	00.8		1000		TEL P
ARTOIS	31.6	5.21	s 7.03	2.59			100					00.01-1		7	A 2 10	03-0			
GRAPIT	27.7	5.15	f 6.57	2.53	Ce la Sura	400	3450		PARE	(10,45)	EF 6	81814		2 (01.8				977 -
GREENWOOD	26.4		f	1 4.5	CA		Carlo Water				E D. P.	22.016			1.70		11		1
TO-R ORLAND	23.0	s 5.08	s 6.50	2.46	WARREST BURNESS TO STREET	s 1.35PM	The second	19.7	9.30			00-014			AVA				1 4
WYO 2.0	21.4	5.01	f 6.41	2.41	0000000	1.25PM	1000	ko Tož			000	88.21	~		0.00				
MALTON 4.4	19.4	. 0	f	I 1 17 17 18	4.70		The Indiana	8,0			01. bo s			1	200.00		20.00		- Jan yo
KIRKWOOD 5.1	15.0	4.53	f 6.32	2.33		121	LANCE OF SERVICE	101			28.M	Orest to			00.03	00.01	1000000		TOWYE
TO CORNING	9.9	f 4.47	s 6.25	2.27	un I I del B	112,	CATE TO SE		8.45	9-87	CPCP-17	DO-1			1.120		10.00		W 65
RICHFIELD	6.8	4.42	s 6.12	2.22			AND THE PARTY OF T	2 2 2 1	1.0,000	12.09	08394	1.04			1.15-11		A 6 - A		4 =
R TEHAMA	2.1	4.36	s 6.06	2.16	s 2.21 PM		0.0	7.05AM	8.10			9.10AM	11.10AM	E 1					
TO-R GERBER	0.0	4.30AM	6.00AM	2.10PM	2.15PM			6.55AM	8.00AM		20.8 1	9.00AM	11.00AM		man district	1,02-54	3,30		400
(112.5)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Mon., and Fri.	0.34136	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Mon. Wed., Fri.	Leave Daily		46.60	-	day.		
Average Speed per Hour	1012	(2.50) 39.70	(3.35) 31.40	(2.40) 42.19	(0.06) 18.00	(0.10) 9.60	TARK	(0.10) 12.60	(2.30) 15.40	(0.20) 27.90	(5.30) 13.51	(0.10) 12.60	(0.10) 12.60		B 4	11.45	4.00 M		77 0

No. 293 will operate as mixed daily except Monday and passenger only on Monday.

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

At Woodland, the Woodland-Oroville main track originates at east switch of siding, located 150 feet east of cattle guard 85-A.

Trains to and from Knights Landing must use Woodland siding.

West end of Harrington siding west of crossover is the westward siding and east east of crossover is the eastward siding; Junction switch located at crossover.

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

Additional Stations: Elvaton, 89.2 Dufour, 92.1 Ronda, 93.7

Delphos, 126.8 Riz, 146.0

yond) Passengers from (or beyond)
The second secon
Harry Data State of Divided
led hands beautiful
Black Butte

6	GRAWI	WEST	no si	EASTW	ARD				SAR	SACR	AMENTO SUB-DIV	ISION				WEST	rward				
1	-	THIRD (11 AGG	1	1001-170	FI	RST CLASS		1		1	PO USA		FIRST	CLASS	Depth 1		т	HIRD GLAS	s	T. married
Capacity of Sidings in Car Lengths	500 Local Freight	498 Local Freight	496 Freight	494 Local Freight	28 San Francisco Overland Limited	224 Sierra	16 West Coast	292 Valley Express	10 Pacific Limited	Distance from San Francisco	Time Table No. 150 October 1, 1933	Distance from Tehama	9 Fast Mail	27 San Francisco Overland Limited	15 West Coast	21 Pacific Limited	501 Local Freight	497 Freight	499 Local Freight Arrive Mon.	495 Local Freight Arrive Daily	505 Freight
	Leave Daily Ex. Sunday	Leave Tues. Thurs. & Sat.	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Wed. & Fri.	Ex. Sunday	Arrive Daily
Term. Yard KWOTYPI	5.30PM				10.10PM	10.20AM	10.15AM	1.05AM	12.25AM	88.8	TO-R SACRAMENTO	122.9	8 4.15AM				6.20PM	O.V. Jah	N. H.		
Yard IYP	5.40				10.17	10.27	10.22	1.12	12.32	91.8	ELVAS	119.9	4.06	5.01	6.02	7.37	6.10		14	mark street	
Yard PW					- 4	f		10 N P	02.03	93.5	SWANSTON 1.4	9 118.2 N				I	0	0.7 11.7	-		
South 92 Yard P					10.22	10.34	10.27	1.17	12.37	94.9	BENALI 7.9	116.8	4.01	4.56	5.47	7.31	10000			- 000	
Center 86					10.33	f 10.46	10.38	1.28	12.48	102.8	ANTELOPE	108.9	3.50	4.45	5.36	7.20	19 91 - 12	na Ly		Althur	C OT
60 Yard P Term. Yard	6:15 7:00		8.00AM			s 10.57 AM			s 12.57AM	106.6	TO-R ROSEVILLE	105.1	3.40AM	4.35AM	s 5.25	7.10PM	5.30	12.35PM			5.00P
BKOPTWY	7.00		0.00				10.57	1.50		112.8	WHITNEY	98.9			5.12	. SC. E4	100	12.05PM		EATHER BY	1 01
134 PW	8.45						s 11.04	s 1.58		117.0	TO LINCOLN	94.7			s 5.05		5.05	11.55AM		-12000	4.25
38 P	0.13							26.1		121.0	EWING	90.7				8 0	14 3	0.0		ROY DATE	2.10
106 P	9.00		8.25		- 11		11.11	2.05		122.1	BROOK	89.6			4.57	9 0	4.15	11.11		T. C. LOSS	3.40
32	3.00						11.15	f .		124.8	SHERIDAN	86.9			s 4.53	1 0	2011	TXTTU			2.00
138 PW	9.30						s 11.20	s 2.15		128.1	TO WHEATLAND	83.6			s 4.48		3.40			007400	3.20
101 P					- 1		11.28	2.25		134.2	OSTROM 5.6	77.5			4.39	8 1 8	3.15	10.50		-0550	3.05
101					190					139.8	DANTONI JOT.	71.9				4 5	(8.7)	10.00		1 000	2.45
Yard BKIYOWP	10.30PM		9.00	7.30AM			811.40	8 2.35		140.8	TO-R MARYSVILLE	70.9			8 4.30		3.00 PM	10.30		1.20PM	2.45
BRIYOWF					- 19					141.8	W. P. R. R. Crossing	69.9			- 23	4 7	Ø13	10.10		1.05	2.20
112 WP				- 16-1	- 10		11.46	3.01		144.7	BERG	67.0			4.14		103	10.10	-	1.05	2.20
43					- 11		11.51	3.06		147.7	LOMO	64.0			4.10		-310				
13					- 10		The second second	WAKE T	7	149.8	SUNSET	61.9			- 0	4.810	No.				1.50
54 IP				8.00	(8)		s 11.57 AN	3.12		151.5	TO LIVE OAK S. N. R. R. Crossing	60.2			s 4.05			9.55	-	12.50	1.50
108 P			9.40	8.25			s 12.08PM	s 3.25		158.0	TO GRIDLEY	53.7			в 3.55	4 1 1	188	9.40	_	12.08PM	-
49 WP				8.40			s 12.15	s 3.33		161.4	TO BIGGS	50.3			8 3.47		1917	9.30		11.39AM	1.25
49 P					100		s 12.23	s 3.43		167.4	RICHVALE	44.3			s 3.37			0.10	_		107
97 P				9.10			f 12.29	8 3.49		171.5	NELSON 6.6	40.2			f 3.31			9.10		11.00	12.38
96 P				9.40			s 12.38	s 4.00		178.1	TO DURHAM	33.6			s 3.20		100	8.55		11.20	
Yard BKYWOP		2.25PM	10.30	10.00	4		s 12.50	s 4:10 4:35		184.2	TO-R OHIOO	27.5			8 3.10			8.40	10.30 AM	11.00 AN	12.20
29 P							1.00	4.45		191.3	NORD 2.3	20.4			f 2.55			2 8 3			
122 P		2.51			100		1.04	4.50		193.6	ANITA 2,4	18.1			2.51	11111		7.50	10.00	-43/14/2	11.59
16					- 190		1.08			196.0	OANA 7.0	15.7			2.47		1	4 1 1 1		-22	11 20
130 WP		3.20	11.30				s 1.20	f 5.05	10	203.0	TO VINA	8.7		100	s 2.37		100	7.30	9.40	411.3	11.30
15		3.20				1102-11	- 1 1	The state of the s	full most Co	204.6	OOPELAND 5.1	7.1	Agreed 1							-	-
48 P		3.50			100		8 1.33	f 5.18		209.7	TO LOS MOLINOS	2.0			8 2.25		50		9.20	THE REST LET	
120 PY			11.45 AM			101.III (III.cs.1		s 5.26A	M	211.7	R TEHAMA	0.0			2.21 PM			7.05 AM		-	11.10
120 11	_	Arrive Tues., Thurs. & Sat.			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(122.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Mon., Wed. & Fri.	Leave Daily Ex. Sunday	Leave Dail
	(5.00) 5.20	(1.35) 17.37	(3.45) 28.03	(2.30) 17.36	(0.32) 33.38	(0.37) 28.87	(3.23) 36.32	(4.21) 28.44	(0.32)	To pro			(0.35) 30.51	(0.35) 30.51	(3.49) 32.64	(0.35) 30.51	(3.20) 15.60	(5.30) 19.11	(1.20) 20.63	(2.20) 18.60	(5.50) 18.02

No. 292 will operate as mixed daily except Monday and passenger only on Monday. Schedule time and train orders will apply at the Junction Switch at Tehama. Eastward trains, when taking siding at Marysville, will use crossover just west of west water column.

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond
224 16 15	Walergs Any Station Any Station	Receive Discharge	Klamath Falls	Lincoln

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

		EASTWAF	RD				REDDING	SUBDI	VISION	H			WEST	WARD		
	SECOND CLASS		FIRST CLAS	S	FYRRIT						FIRST C	LASS		- de luct	HIRD CLAS	S
Capacity of Sidings and Spurs in Car	620 Freight	500 kg 7	18 Cascade	16 West Coast	8 Shasta	tance from n Francisco Marysville	Time Table No. 150 October 1, 1933	Distance from Dunsmuir	7 Shasta	15 West Coast	17 Cascade	S. SI	637 Freight	639 Local Freight	641 Freight	to of B24
Lengths	Leave Daily	forther comments	Leave Daily	Leave Daily	Leave Daily	Dist San via J	STATIONS	DI I	Arrive Daily	Arrive Daily	Arrive Daily	Leave Daily Leave Dis	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	glief west
Term. Yd. WOYPBK	12.01 PM		11.32PM	1.55 PM	1.05AM	213,8	(TO-R GERBER	108,3	s 4.15AM	s 1.40PM	s 1.55PM		6.30AN	10.25AM	11.15PM	300.0
	1000			f	- COC-LP	215.8	PROBERTA	106,3	10 8-03		OTAR B	U.C. P. 89.00				7 7
35 P	12.09		11.40	2.03	1.14	218,9	RAWSON	103,2	4.07	1.32	1.47		6.16	10.10	11.03	14
19-49 P	12.18		11.46	s 2.13	s 1.24	223,4	TO RED BLUFF	98.7	s 4.00	s 1.24	f 1.41	80.0	6.09	10.00	10.56	6.5.8 9
81 P	12.29		11.53	f 2.21	1.31	228.9	BLUNT	93.2	3.51	f 1.14	1.33	maja) 61.49	5.59	9.40	10.46	7. 0
80 P	12.39		11.59 PM	f 2.29	1.38	233,6	HOOKER	88,5	3.44	f 1.06	1.27	88.0 1 88.0	5.47	9.25	10.31	10/0 4
74 WP	12.53		12.07AM	s 2.39	s 1.47	240.4	TO COTTONWOOD	81.7	s 3.33	s 12.53	1.19	9F.0 1 VI.O	5.35	9.10	10.18	1.00
76 P	1.01	1000	12.12	2.44	1.52	244.2	OULP	77.9	3.28	12.48	1.14	10.0 1 450 1	5.29	8.55	10.11	TR'M SEE
70 P	1.10	10/6	12.15	s 2.50	s 1.57	247.1	TO ANDERSON	75.0	s 3.24	s 12.43	1.10	DEALT DEALTH	5.24	8.45	10.06	0.0.00
91 P	1.25	100	12.22	f 2.58	f 2.04	253.5	GIRVAN	68.6	f 3.16	f 12.34	1.03	20.8 .1 . 100.00	5.14	8.30	9.55	E0.03 TT.
5 WP I	1.40		12.29	s 3.08	s 2.20	258.2	TO REDDING	63.9	s 3.09	s 12.26	f 12.56	01.8 4 70.0 31	5.07	8.20AM	9.49	401.501 pys
63 P	1.54		12.40	f 3.19	2.31	263,9	KESWICK	58,2	2.54	f 12.12	12.44	04.7	4.51		9.33	
P		91.4		f	-	267.2	TO MATHESON	54,9		8	8E.D.	UNIV.			DP-58	
49 P	2.04		12.49	3.29	2.42	268.0	MOTION	54.1	2.42	12.02PM	12.35	010.1	4.37		9.19	
81 P	2.12	000	12.57	f 3.36	2.50	271.0	OORAM	51.1	2.32	f11.54AM	12.28		4.27		9.10	
85 P	2.24		1.08	f 3.47	3.01	275.7	kenner	46.4	2.21	s11.43	12.18		4.12		8.56	
57 P	2.31		1.14	f 3.53	3.08	278.8	PITT	43,8	2.15	f11.36	12.12	THE WAY THE	4.02		8.48	111
83 YWPO	2.36		1.19	f 3.58	3.13	280.2	MORLEY	41.9	2.10	f11.31	12.07 PM	Ab.A.	3.56		8.42	
45 P	2.45		1.27	f 4.06	3.22	283.8	ELMORE	38.3	2.02	f 11.22	11.59 AM		3.44		8.30	3 3
82 P	2.55		1.36	f 4.15	3.30	287.6	POLLOOK	34.5	1.54	f 11.14	11.51	1000	3.30		8.19	47- 197
75 P	3.04		1.44	4.23	3.38	291.1	SMITHSON	81.0	1.44	11.06	11.43	201,71. 2.1	3.12		8.08	
81 WP	3.30		2.01	s 4.39	3.55	296.7	TO DELTA	25.4	1.26	f 10.53	11.31	00.10	2.50		7.50	
40 P	3.45		2.10	f 4.47	4.04	300,2	LAMOINE	21,9	1.17	f 10.44	11.23	C1.00	2.37		7.39	
71 P	3.57	-010101 E	2.19	f 4.56	4.13	304.0	GIBSON	18,1	1.08	f 10.35	11.14	06.8 1	2.19		7.27	7
72 P	4.03		2.25	f 5.01	4.19	306.0	FISHER	16.1	1.02	f 10.29	11.09	DECEMBER 181	2.05		7.20	
70 WP	4.15		2.33	f 5.09	4.28	309.4	SIMS	12.7	12.53	f 10.20	11.01	100.0	1.54		7.09	191
81 P	4.25	- 1	2.41	f 5.18	4.36	313,1	CONANT	9.0	12.44	f10.11	10.53	86,8	1.43		6.58	
56 P	4.33	DA. LA	2.46	f 5.24	f 4.41	315,3	TO CASTELLA	6,8	12.39	f 10.05	10.48	ER,8 2	1.35		6.50	
86 P	4.42		2.53	f 5.31	4.48	318,3	CASTLE CRAG	3.8	12.32	f 9.57	10.41	W W	1.26		6.41	
erm Yard PBK	4.55PM	at Street Was a mile	3.00	5.38	4.55	821,2	DUNSMUIR YARD	0,9	12.25	f 9.50	10.34	P0.0	1.15AM		6.30PM	17
erm Yd.		LIOICII CON	s 3.05AM	s 5.45PM	s 5.00AM	322,1	TO-R DUNSMUIR (Pass Sta.)	0.0	12.20AM	9.45AM	10.30AM	20.8			01.22	
	Arrive Daily	Not be a	Arrive Daily	Arrive Daily	Arrive Daily	n. 40.8	(108.3)	Wild P	Leave Daily	Leave Daily	Leave Daily	80.9	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	
1	(4.54) 21.76		(3.33)	(3.50) . 28.25	(3.55) 27.69		Time over District		(3.55) 27.69	(3.55) 27.69	(3.25) 31.69	allegga eligibelish	(5.15) 20.45	(2.05) 21.31	(4.45) 22.61	1 1000

Train	At	Receive or Discharge	(or Beyond)	From (or Beyond)	Frequency
15 & 16 15 & 16 15 & 16 15 & 16 18	Antler MP 290.5 Sweet Briar MP 314.8 Castle Rock MP 316.4 Bet. Dunsmuir & Redding Any Station	Receive and Discharge Receive and Discharge Receive and Discharge Discharge Receive	Any Station Any Station Any Station Any Station Black Butte or beyond where train scheduled to	Any Station Any Station Any Station East of Dunsmuir	tiply is tiple the streets out the
18	Red Bluff and Redding	Discharge	Any Station	Richmond and	ddfe-S
7	Castella	Receive	Richmond and West	West	

Additional Stations

Jessup Industrial Track M. P. 249.2
Middle Creek Spur M. P. 261.0
Antler Spur M. P. 290.5
Flume Spur M. P. 311.8

Water Supply-Three quarter mile seal of Penters

8			EASI	WARD	La de la companya della companya del			ь	LACK BUTTE SUBD	14121	JN			WESTWARD		
	CLASS	SECOND	CLASS		FIRST CLAS	SS	TRIES	E 9.8		8.8			FIRST CLASS	TO HIS	THIRD	CLASS
Capacity of	624	622	630	637	16	8	18	e fro	Time Table No. 150	ee from	17	5	7 81 8	633	623	635
idings and ours in Car Lengths	Freight	Freight	TORKS.	94-4.	West Coast	Shasta	Cascade	Distance from San Francisco via Marysville	October 1, 1933	Distanc	Cascade	Klamath	Shasta	Freight	Freight	Freight
	Leave Daily	Leave Daily	Authoritally	(field wright	Leave Daily	Leave Daily	Leave Daily	127	STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
Term. Yd. PBK	8.00 PM	7.30PM	mske k i i	in a same		terri Ditta 4	10 × 1	321.2	DUNSMUIR YARD	107.9		Rece	man a man a least	4.05PM	5.00 PM	11.25PM
Term. Yd. WOTPBK					5.55PM	5.10AN	3.15AM	322.1	TO-R DUNSMUIR (Pass Sta)	107.0	8 10.20AM	s11.45PM	s 11.56PM			
P	8.40	50.11	or or	ara la		f	230 1	325,4	SHASTA SPRINGS	103.7		f				Print are to the Printers
86 P	8.43	7.55	00.01	20.81	6.08	5.22	3.27	326.1	SMALL 1.5	103.0	10.10	11.30	11.46	3,48	4.45	11.00
Spur 26 P		near	02.0	03.6	6.13	f 5.26	3.31	827.6	CANTARA 3.8	101.5	10.05	11.25	11.41			
84 P	9.01	8.22	200 00	26.0	6.25	f 5.38	3.43	331.4	MOTT 2.1	97.7	9.53	11.13	11.29	3.30	4.15	10.40
87 P	9.11	8.29	nr o	68.85	6.30	f 5.44	3.49	333.5	AZALEA	95.6	9.48	11.07	11.24	3.23	4.05	10.25
108 WYP	9.21	8.40	55.B	DR A	s 6.41	s 5.54	3.59	336.7	TO MOUNT SHASTA	92.4	f 9.40	s 10.58	f11.16	3.13	3.55	10.15
93 P	9.45	8.47	83-8	69.8	6.45	f 5.58	4.03	339.1	UPTON 2.8	90.0	9.34	f 10.49	11.11	3.07	3.20	10.09
80 YP	10.03	8.54	00.8	ALA	6.49	f 6.03	4.07	341.9 342.3	DEETZ	87.2	9.30	f10.44	11.07	3.01	3.10	10.03
M-27 E-80 -111 WYP	10.15 PM	9.13	1016.B	50.6	f 6.57	s 6.10AN	4.14	345.0	TO-R BLACK BUTTE	84.5	f 9.23	f10.35	10.56 PM	2.52	3.00PM	9.54
82 P		9.33		14.65	7.10		4.27	352.2	HOTLUM 5.0	77.3	9.10	f 10.17	(6.8 201.6 00	2.30		9.33
113 P		9.45			7.20		4.36	357.2	BOLAM 3.5	72.3	9.02	f10.07		2.16		9.20
83 P		10.01		78.87	7.26		4.42	360.7	ANDESITE	68,8	8.57	110.01	20 2 100 E CO	2.07		9.08
83 P		10.17		70.5	7.32		4.48	364.8	COUGAR	64.7	8.52	f 9.55	06.9 66.9 68.00	1.46		8.50
Spur 202		85.8		87.14			BLEET	366.6	POMEROY	62,9		T.RED	108 3945 20			Local I
125 WYP		10.35		00.41	f 7.40		4.55	368.5	TO GRASS LAKE	61.0	8.47	f 9.49		1.31	THE PERSON NAMED IN	8.35
58 P		10.48		98.8	7.47		5.02	373.1	ERICKSON	56.4	8.41	f 9.43	REF INDE 1 OF	1.09		8.10
81 P	17 17	10.57		65.6	7.53		5.07	377.2	PENOYAR 34	52,3	8.36	f 9.35	policina a secondario	12.54		7.53
No siding YP		97.8	- 107-	ns s	s 7.59		f 5.12	380.6	TO LEAF	48.9	8.32	s 9.29	66.2 27.4 4 20			00.0
01 WP		11.05		27.6	s 8.03		5.14	381.9	BRAY	47.6	8.30	f 9.24	LOW E LOOP BO.	12.39		7.38
80 P		11.12		oa el	8.08		5.19	386.0	KEGG	43.5	8.24	f 9.18	- Se s	12.24		7.30
50 P		11.19	7.00	Track T	8.13		5.24	390.0	JEROME 4.0	39.5	8.19	f 9.12	7 to 2 1 7 to 1 7 to 1	12.14		7.22
96 101 WYK P		11.34		670	s 8.20	2.15	5.29	394.0	TO MT. HEBRON	35,5	8.14	s 9.06		12.01 PM	THE RESIDENCE THE	7.14
61 P		11.39		80.9	s 8.26	AZE	5.33	396.7	TO MACDOEL	32,8	8.11	s 9.00	10.8 1 88	11.45 AM		7.09
80 P		11.42		Paris I	8.29		5.35	398.3	SOMERSET 4.3	31,2	8.09	f 8.56	1 02 A 100 A 1 EE	11.42		7.06
61 P		11.50		ERIT	8.35	225 75	5.40	402.6	MAY 4.5	26,9		f 8.51	00 A 91 B 1 TA			6.59
96 P		11.58PM	1.10	COE P	s 8.43	2 50 1	f 5.47	407.1	TO DORRIS	22.4	7.59	s 8.43	104 1 100 1 00			6.52
61 P		12.06 AM		59. []	8.49	- 60	5.53	411.6	CALOR 4.0	17.9	7.54	f 8.33	864 ISA Tea	22120		6.44
82 P		12.13	4	11.180	8.54		5.58	415.6	WORDEN 2.6	13.9	-	f 8.27	86.6 00		100 11	6.37
61-32 P		12.19			8.59		6.02	418.2	ADY	11.3	7.45	f 8.21	Sept. S. dalah a Jago			6.31
69 P		12.28	and the said		9.05	148	6.07	422.3	MIDLAND 3.9	7.2	7.40	f 8.15		10.53	179	6.23
82		12.35	Na. fluidaj	The Date of Dates	9.12		6.12	426.2	TEXUM	3.3	7.35	f 8.08	gibti stad wild a find gibti s	10.10		6.15
Term. Yd. WYOTPBK		12.45AM	(10.10	(page)	s 9.20PM		s 6.20AM	429.5	TO-R KLAMATH FALLS	0,0	7.30AM			446.00		6.00PM
	Arrive Daily	Arrive Daily	1 30 5 10 1	643	Arrive Daily	Arrive Daily	Arrive Daily	68,13	(107.9)	men dalary	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily (2.00)	Leave Daily

Additional Stations Graham Industrial Track M.P. 356.0 Ivan Spur M.P. 413.6

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train
At
Beceive or Discharge (or Beyond)

S & 8 Shasta Retreat. .MP 323.8 Any Station
Any Station
Receive and Discharge Receive R

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.

		EAST	VARD		HOE	KIRK SUBDIVISION	BLA			WESTWAF	RD			9
	SECOND CLASS		FIRST CLASS		HIST	Min Table No. 150		ABB.	FIRST CLASS	SECON	D CLASS		THIRD CLASS	
Capacity of Sidings and Spurs in Car Lengths	G. N. Frei	Ry.	16 West Coast	18 Cascade	Distance from San Francisco via Marysville	Time Table No. 150 October 1, 1933	Distance from Grescent Lake	17 Cascade	5 Klamath	621 Manifest	387 G. N. Ry. Freight	647 Freight	531 (Fig. 1)	in gildets form spells off of one
	Leave	Daily Leave Dail	y Leave Daily	Leave Daily	Daz	STATIONS	Post and	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		-
Term, Yd. WOTYPBK	8.	15AM 1.00A	9.358	6.30AM	429.5	TO-R KLAMATH FALLS	98.9	s 7.20AM	s 7.40PM	9.35AN	2.30PM	5.05PM		9.3 . 19.
63 P	8.	1.10	9.41	6.35	431.9	CHELSEA	96.5	7.14	f 7.30	9.25	2.21	4.57		T palma
66 P	8.	1.15	9.46	6.40	434.1	WOCUS	94.4	7.10	f 7.23	9.18	2.15	4.50		P31-01
110 P	0 8.	37 1.23	s 9.54	6.48	438.9	TO ALGOMA	89.5	7.04	s 7.16	9.09	2.05	4.40		TYTE - 10
62 P	8.	1.30	10.00	6.58	442.6	OUXY	85.8	6.58	f 7.07	9.01	1.55	4.32	.60 (p)	100 000
82 P	m.r.o e. 8.	1.40	f10.07	7.05	447.2	TO MODOC POINT	81,2	6.53	s 7.01	8.53	1.45	4.23		
67 P	9.	1.50	10.13	7.11	451.8	LOBERT	76.6	6.48	f 6.53	8.43	1.35	4.13		9 9
WYPK	9.	11 2.00	s10.23	f 7.20	456.7	TO OHILOQUIN	71.7	f 6.42	s 6.46	8.33	1.25	4.03		les is
87 P	03 0 9.	2.04	f10.27	7.23	458.0	PINE RIDGE	70.4	6.39	f 6.40	8.18	1.17	3.53	- 80	12 3
62 P	00 00 9.	2.12	10.33	7.28	461.1	BRAYMILL	67.3	6.35	f 6.33	8.12	1.10	3.48		9 0
85 P	9.	32 2.25	10.40	7.34	465.3	OALIMUS	63,1	6.30	f 6.26	8.01	1.00	3.40	3840	E prititi ell
Spur 18		7012	F10 P10 P10 P10 P10 P10 P10 P10 P10 P10 P	0.0 1 0.0	469,1	MARTIN	59.3	Cyres-I	f		The last	Time I Tom		T pathet pit
122 WYP	14 9 00 00 9.	2.40	s 10.49	7.40	470.3	m KIRK	58.1	6.24	f 6.19	7.40	12.49	3.25		hal you
102 P	9.	2.50	10.55	7.46	474.5	FUEGO	53.9	6.19	f 6.11	7.21	12.40	3.17		Va Stating P
102 P	10.0	2.58	11.01	7.52	478.8	OHINOHALO	49.6	6.14	f 6.05	7.13	12.31	3.09		
102 W P	10.	3.10	11.08	7.58	483.4	LENZ	45,0	6.09	f 5.59	7.05	12.22	3.01		1 1
102 P	10.	3.19	11.14	8.04	488.2	MAZAMA	40,2	6.04	f 5.53	6.52	12.07PM	2.46	of apply as 1000	pilet of
No siding P	T E DAY		11.20	8.10	492.6	YAMSAY	35,8	5.59	f 5.47					TW pittle
102 P	10.4	3.37	11.27	8.17	498.0	DIAMOND LAKE	30.4	5.53	f 5.41	6.35	11.35AM	2.28		T 1
102 PBK	VA 11.	3.46	f11.35	f 8.26	503.3	TO-R CHEMULT	25.1	5.47	s 5.34	6.25	11.20AM	2.18		1 0
102 YP	8,33	3.54	11.41	8.32	507.2	PAUNINA	21.2	5.42	f 5.26	81.7 6.16		2.03		73 101
102 P		4.10	11.51	8.41	514.8	можисн	13.6	5.34	f 5.16	6.02		1.49		To District P
No siding P	1 11 (111)		11.58PM	8.47	519.5	KOTAN	8.9	5.27	f 5.09					public pt
102 P	January Con Prince	4.27	12.06AM	8.53	524.0	TOALU UMLI G.BA	4.4	5.21	f 5.03	5.45		1.15		M guillett pil
Term. Yd. WOYPBK	OS (8 - 1)	4.40M	s 12.15 AM	s 9.00AM	528.4	TO-R ORESCENT LAKE	0.0	5.15AM	4.55PM	5.30AM		1.05PM	100	TW U
	Arrive	Daily Arrive Daily	Arrive Daily	Arrive Daily	100	107747 (98.9)	9.35	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		2 4

The schedule time of Nos. 386 and 387 at Klamath Falls applies at Great Northern Junction Switch. Mile post 428.4. 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.

At Ashland Sacramento Division that-days achedules and brain orders referring to such schedules apply at the west switch of siding. Portland Division that class schedules and train orders referring to such schedules apply at the east awitch 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.

ADDITIONAL FLAG STORS TO RECEIVE AND DISCHARDE PASCENCERS.

Train As Reviewed Distance or Departs (or Departs) (or Expent)

Y and El Colomba MP 466 (Souther and Distance) Any Souther Any Station

Water supply one quarter mile east of Grenada.

10	EA	EASTWARD BI				BUTTE SUBDIVISIO	N		GP GP	WESTWA	RD	
200.00	THIRD CLASS	MARKE I	FIRST CLASS	1182	Tom Tille	Time Table No. 150	Hom		FIRST CLASS		THIRD C	LASS
Capacity of Sidings and Spurs in Car Lengths	Sept. B47	624 Freight	37 8	8 Shasta	Distance from San Francisco via Marysville	October 1, 1933	Distance fro	7 Shasta	B1	645 Local Freight Logger	623 Freight	
Tea Tail and	THE REPORT OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED ADDRESS OF THE PERSON NAMED AND	Leave Daily	Lea	ave Daily		STATIONS	11 3274	Arrive Daily	Tarant I	Arrive Daily Ex. Sunday	Arrive Daily	
M-27 E-82 W-113 WYP	WILD.S WOS.E	10.20PM				TO-R BLACK BUTTE	85,3	s 10.55 PM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.20 AM	2.40PM	
No Siding P Spur	13.4 4.67	60.41 1/ 14.208	0E.7 1 M.7 f	6.16	347.0 345.8	IGERNA 2.6	83,3	f 10.48	F-6	2.10		
56-109 WOYPKB	V. S. D. O. A. O. R. S.	10.40	s e	6.27	348.4	TO-R WEED	80,7	s10.40	19.0	2.00 AM	2.00	
50 WYP	00.4 00.E	11.20	s 6	6.41	353.4	TO EDGEWOOD	75.7	s10.24	1.0 10	10000	12.40	
No Siding	2.30 4.39 65	10.0	5 10 YOU I S 8 5-0 II	6.47	357.1	METCALF	72.0	10.16	0.07 40	0 1 3		110,44
71 P	F. 1.28 L. 1	11.40	8 (6.57	361.0	TO GAZELLE	68.1	s 10.09	p.pttle	0 9 6 8 8	12.01PM	- 4840 7
61 P	1.35 4.15 41.3	11.59PM	s 7	7.09	369.1	TO GRENADA	60,0	s 9.54	100000	0 40 40	11.45AM	CHEDSELIS
66 PK	1.35 4.03 3E.1	12.18AM	8 7	7.25	375.5	TO MONTAGUE	53.6	s 9.42	LOUIS I	0248 11	11.20	TO XIV.
68 YP	147 8.58 (5.4)	12.30	f 7	7.33	380.7	SNOWDON 5.5	48.4	f 9.29	1.911/2	V 188 91	10.40	I GARDEN
55 P	DILE GALE QILE	12.50	f 1 86 8 f	7.45	386,2	AGER	42.9	f 9.16	E-Q4-LE-	8 8 83	10.20	TR. 1 1 1 7
No Siding P	1.90 3.80 dam	TO THE PER	f 7	7.51	388,4	THRALL	40.7	f 9.09	E.OF	15 SHIT RA		E FATTE 7
No Siding P			f 7	7.56	390,5	KLAMATHON	38.6	f 9.04				E Laborat
79 Yard WOYP	12,49 335 1361	1.30	f 8	8.05	393,1	TO HORNBROOK	36.0	s 8.57	F.01v	0-20 68	9.30	
No Siding P	THE TEST CH. S.I.	10.	8	B.13	395.6	PILOT	33.5	f 8.50	1,01	0 80	0 1 - 1	1 1 1 2 4 19
70	19.81 3.08	1.50	f 8	B.19	397.5	ZULEKA	31.6	f 8.44	0.11.0	0 B 80	8.54	
51 P	12.22 3.01 1.03	2.10	s 8	8.31	401.8	TO HILT	27.3	s 8.33	0.41	O DE LES	8.31	I lense
No Siding	12.07 m 2.45 0.07	2019	8 - 4 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	8.33	402,8	COLE	26,3	8.30	TALE TO THE PERSON OF THE PERS	1 18 60	0.7	Mary V
No Siding WP	101/16				403.6	OROAL	25,5	8.28	2.12			1 2 2 2 7
60 P	13, was 0.08	2.45			407.4	GREGORY	21.7	f 8.19	5.14	THE EN	7.10	- 17
69 P	11 20 m 91.9 mos 11	2.55	PER INTER	3.51	410.0	WHITE POINT	19.1	8.12	(4.4.4)	0548 B.46	6.47	Y JA
101 TP	2.08	3.16	s 8	3.59	412.2	SISKIYOU	16.9	s 8.05		Ladia	6.35	7,10 19
No Siding P	1,49 (4)	SD,0	9	0.04	414.1	VIADUOT	15.0	7.59	1.21	0.3	Manager College	7 7 20 7
No Siding			eo.a 1 tx a 9	9.09	415.6	WALL OREEK	13,5	7.54	A. E.E.			9.54. 9
No Siding P	TITE TO THE PERSON OF THE PERS	8848	EO.8 Y 18 0 E	9.14	416.9	FOLIAGE	12.2	7.50				1 1.10
59 WP	1.08/4	3.55	s 9	9.25	419.3	STEINMAN	9,8	f 7.44	(LP21 A)	183 C (4.26)	5.50	I Labert
73 P	glief ormal gliest stead of	4.20	f 9	9.35	422.9	MISTLETOE	6,2	f 7.35	HI HALL	The second second	5.30	The second
No Siding P	(103) (103)	(ente		9.42	425.5	OLAWSON	3.6	7.28	14.5)	100		
Term. Yd. WOTPBK	15 6	4.45AM	8 9	9.50AM	429.1	TO-R ASHLAND	0.0	7.20PM			5.00AM	3-44
		Arrive Daily	Arri	ive Daily		(85.3)		Leave Daily		Leave Daily Ex. Sunday	Leave Daily	

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

AD	DITIONAL FLAG STO	PS TO RECEIVE AND DISC	HARGE PASSE	NGERS
Train	At	Receive and Discharge	(or Beyond)	From (or Beyond)
7 and 8	Colestin MP 409	Receive and Discharge	Any Station	Any Station

83251	EASTWAI	RD	SHIT	ST. THE SETTINGENER	BRITE	W	WESTWARD		
y of Sidings ours in Car engths	SECOND CLASS	FIRST	TOH	Time Table No. 150	from Falls	FIRST	SECOND OL	LAS	
Capacity of Sidings and Spurs in Car Lengths	628 Northwest Special	314 Passenger	Distance from San Francisco	October 1, 1933	Distance fr Klamath F	313 Passenger	625 Oregon Special		
	Leave Daily	Leave Mon., Wed., Fri.	- Y	STATIONS	N.CO.F	Arrive Tues., Thurs., Sat.	Arrive Daily		
Term. Yd. WOYPBK		2.50PM	457.9	ALTURAS YARD	97.9	2.40PM			
P		s 2.55PM	458.8	TO-R ALTURAS	98.8	2.35PM			
Term. Yd. WOYPBK	9.304		457.9	ALTURAS YARD	97.9		8.00PM		
66 cars	9.37	parametrial hard	459.9	JUNIPER	95,9		7.53		
76 P	10.02	position of the second	470.6	FLETCHER	85,2	El Largery	7.25		
81 WYP	10.25	120	477.7	TO GHENT	78.1		7.05		
79 YP	11.00	I III	485.4	AMBROSE	70.4		6.25		
77 P	11.10		489.8	BOLES	66,0	0c.4	6.00		
85 WYP	11.20		493.6	HACKAMORE	62,2	1,02.6	5.35		
77 P	11.40		500.8	MEARES	55.0		4.50		
84 WYP	11.55AM		506.1	PEREZ	49.7	111111111	4.35		
No Siding	12.05PM		508.9	DRY LAKE	46.9		4.15		
77 P	12.31		515.4	OORNELL	40.4	THE RES	4.00		
77 WP	1.15		524.8	STRONGHOLD	31.5	1,08.3	3,35		
I No Siding			525.4	Great Northern Ry. Crossing	30,4	The state of		4	
No Siding P	1.55		529.7	TULE LAKE	26,1	1	3.25		
No Siding P	2.04		533.2	HATFIELD	22,6	THE STATE OF	3.10		
No Siding	2.15		536,0	MALONE	19.8		3.02		
77 P	2.55		537.9	TO MERRILL	17.9	AP 2.33	2.55		
No Siding	3.15	7 1 2 1 1 1 1 1	543.8	HOSLEY	12.0	1100	2.30	- 3-1	
77 P	3.25		547.1	STUKEL	8.7	THE PE	2.23		
Term. Yd. WOYTPBK	4.00PM	-1812	555.8	TO-R KLAMATH FALLS	0.0	T PE DI	2.00 PM		
05.5	Arrive Daily	Arrive Mon., Wed., Fri.		(98.8)	01.0	Leave Tues., Thurs., Sat.	Leave Daily		

Trains originating and terminating Alturas Yard, will register at Alturas.

Eurist IV					M	ERRILL SUBDIV	ISION				11
8	EAST	W	ARD					CIGAV	WEST	NARD	
Sidin Pa Car	SECON	D	CLASS	inon inon	Time Table No. 150		E .		SECOND	CLASS	ALD.
Capacity of Sidings and Spurs in Car Lengths	632 Local Freight		630 Mixed	Distance from San Francisco	A, Aller	October 1, 1933 Lakeview Branch	Distance from Lakeview	629 Mixed	631 Local Freight		ANTO I
le al	Lcave Tues., Thurs., Sat.		Wed., Fri.		o toport	STATIONS	Bestli	Arrive Tues. Thurs., Sat.	Arrive Mon., Wed., Fri.		AT THE CASE OF
. Р	3.25PM		3.10PM	457.8	TO-R		54.5	s 1.00PM	1.15PM		
20000		f		459.7	23257	MATTES	52.6	f			
Spur 6	mor.	f	2,70	466.9	MAD	SURPRISE	45.4	f		98 1 1	THE P
26-P	4.15	s	4.00	478.6	081	DAVIS OREEK	33.7	s 11.40AM	11.50AM		- 81
Spur 24		f	1 0.00	481.3	THE	GARRET	31.0	f	DETERMINE		A 18
10-P	4.45	8	4.30	491.2	то	WILLOW RANCH	21.1	s 10.55	11.20		5 16
Spur 2	0.00	f	3,00	495.1	HSJ	JOFFRE	17.2	f		1	Cars - 115
See Note 23-P	5.35	s	5.20	497.8	80.	FAIRPORT	14.5	s 10.25	10.40		Carl I
Spur 1		f		503.5		SNELLING	8,8	f			10
Term Yd. WYPBK	6.45 PM	8	6.30PM	512.3	TO-R	LAKEVIEW	0,0	9.45AM	10.00AM		
LO FEET	Arrive Tues., Thurs., Sat.		rrive Mon., Wed., Fri.		a Ecro	(54.5)	86,8 1	Leave Tues., Thurs., Sat.	Leave Mon. Wed., Fri.	THE PERSON	10
	(3.20) 16.35		(3.20) 16.35			Time over District	1	(3.15) 16.76	(3.15) 16.76		7 11

Additional Water Supply Whittier Tank MP 485.8

Additional Fire Steps to

Siding at Fairport located 1525 feet East of Station. Schedule Time and Train Orders will apply at Siding.

12			SACRA	MEN	TO SUB-DIVISION		BLAL	8 BULL	
	CHAW EAST	WARD		100	Time Table No. 150	GR/	WEST	rward	
	SECO	D CLASS	52.11	UZ	October 1, 1933	088	THIRD CLASS		
Capacity of Sidings in Car Lengths	516 512 English Knights Landing and		516 512 Bosing Standing and Oroville Branches		Distance from Oroville	513 Mixed	517 Mixed		
The same of	1.124	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday		STATIONS	W. 17.1.6	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	
IBKPW Yard 107		1	4.20AM	84.9	TO-R WOODLAND	63.3	s 10.30AM	1 1 10	
16	11.508	MOS.11x	f .80	87.2	GARIO	61.0	f	9.6	
23		1	f	87.7	PEART	60.5	f	5.14	
31	11.90	83.014	f: .10	90.1	OURTIS	58.1	f . 30.0	9-11	
25 P			s 5.00	94.0	TO KNIGHTS LANDING	54.2	s 10.00	The Clay	
P	10.40	88.01+	f	96.5	R GRACE S. P. Crossing	51.7	f . 88.8	9-03	
2 Spur			f	97.4	BYPASS	50.8	f	1	
65	#00.02	102.0	f	105.2	OHANDLER	43.0	f	201797	
29	74,100	Thurs, But.	f 5.35	107.5	MARQUSE	40.7	f 9.20		
19 W	(8.1)	(0.3)	f	111.7	TUDOR	36.5	f		
8			f	112.7	ABBOTT	35.5	f	1 1 11 1	
31			f	116.1	OSWALD	32.1	f		
43			f	118.0	BOGUE	30.2	f	9 9 1 1 2 1	
19 PI	south apply at Sides	THE STATE OF	s 6.15	120.7	YUBA CITY S. N. R. R. Crossing	27.5	s 8.45		
				122.1	W.P.R.R. Crossing E STREET, MARYSVILLE	26.1			
Yard WPYOIBK		7.30AM	s 6.30AM	122.7	TO-R MARYSVILLE	25.5	8.30AM	s 11.00 AM	
19	-	8		131.0	RAMIREZ	17.2	L 50 1 40	s	
15 P		s 8.00		135.3	HONOUT	12.9		s 10.25	
14		f		141.9	HEARST	6.3	1290 150	f	
35 P		s 8.25		142.8	PALERMO	5.4	Lie La	s 9.55	
27		f		145.3	VILLA VERONA	2.9	LEC TO	f	
Yard WTPK		s 8.45 AM		148.2	TO-R OROVILLE	0.0		9.30AM	
		Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday		(63.3)		Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	
FATERIA		(1.15) 20.40	(2.10) 17.45		Average Speed per Hour		(2.00) 18.90	(1.30) 17.00	

At Woodland, the Woodland-Oroville main track ends at east switch to siding, located 150 feet east of cattle guard 85-A.

Trains to and from Woodland-Oroville line will use Woodland siding. Normal position of east switch is for Woodland-Oroville line.

Normal position of switch of the Woodland-Oroville main track at Marysville is for Yuba City.

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:

EASTWARD

518

Local Freight

Leave Mon. Wed., Fri.

Via Elvas

Brown, 97.0

Alden, 98.0 Bradshaw, 99.8 Boyd, 100.3 Soudan, 103.7 Salsbury, 105.2

5.30AN

Capacity of Sidings in

Car Lengths

WOTYPBK

Yard

FIRST CLASS

Leave Daily turdayOnly Ex. Saturday

298

Motor

2.35 PM

Via Elvas

300

Motor

4.05PM

Via Elvas

Nos. 512 and 513 Coulter Laugenour Lee Wilson Saccarus Coranco Messick Cunard Vernon

89 WP	5.50	s 4.22	s 2.52	94.7	R BRIGHTON	54.0	s 9.03	11.50AN
29	5.55	s 4.25	s 2.55	95.9	PERKINS	52.8	s 9.01	11.40
9		f	f	97.5	MANLOVE	51.2	f	100 10
81	6.05	f 4.30	f 3.00	98.9	MAYHEW	49.8	f 8.54	11.25
8		f	f	100.7	ROUTIER	48.0	f	20 Sept 10 Sep
22	6.20	s 4.36	s 3.06	101.6	TO MILLS	47.1	s 8.48	11.15
35	6.30	f 4.40	f 3.10	103.4	MATHER	45.3	f 8.44	11.05
35 P	6.50	s 4.43	s 3.13	104.4	R CITRUS	44.3	s 8:42	11.00
18		f 4.49	f 3.19	107.4	NIMBUS 0.9	41.3	8.20	10.15
31	7.17	f	f	108.3	ALDER OREEK	40.4	f 8.17	1
25		s 4.55	s 3.25	110.1	NATOMA	38.6	s 8.13	10.00
25 WY	8.10	s 5.00	s 3.30	111.1	TO-R FOLSOM	37.6	s 8.10	9.50
9	9.25	f 5.18	f 3.48	118.0	WHITE ROOK	30.7	f 7.54	9.10
15	10.20	f 5.37	f 4.09	126.1	LATROBE 5.3	22.6	f 7.36	8.35
6	10.50	f 5.55	f 4.25	131.4	DUGAN 5.5	17.3	f 7.24	8.10
27 W	11.45AM	s 6.10	8 4.40	136.9	SHINGLE SPRINGS	11.8	s 7.10	7.45
32	12.30PM	4 00	s 4.58	142.7	EL DORADO	6.0	s 6.55	7.20
23	12.45	s 6.36	s 5.06	145.0	TO DIAMOND SPRINGS	3.7	s 6.50	7.05
Yard WTK	1.00PM	s 6.45	M s 5.15 PM	148.7	TO-R PLACERVILLE	0.0	6.40AM	6.50
	Arrive Mon. Wed., Fri.	Arrive Saturday On	Arrive Daily ly Ex. Saturday	THE BOY	(59.9)	de Xujan	Leave Daily	Leave Tues Thurs. & Sa
	(7.30) 7.98	(2.40) 22.46	(2.40) 22.46		Average Speed per Hour		(2.40) 22.46	(5.25) 11.06
EAST	WARD		SACRA	MEN	TO SUB-DIVISION		WEST	VARD
Conneite	THIRD C	LASS	FIRST	rom	Time Table No. 150	Distance from Fair Oaks	SECOND CLASS	FOURT
of sidings			302	Distance from San Francisco	October 1, 1933	ir Oe	301	
in car lengths			Fair Oaks Motor	olsta an F	Fair Oaks Branch	Dista	Fair Oaks Motor	
reng tus			Leave Daily	H 02	STATIONS		Arrive Daily	
35 P			8.28AM	104.4	R CITRUS	1.9	s 8.41 AM	
Yard 15 P			8 8.33AM	106.3	TO-R FAIR OAKS	0.0	8.35 AM	
			Arrive Daily (0.05) 22,80		Time over District		(0.06) 19.00	

Brela, 128.1 Brandon, 129.8

Bullard, 131.7

Bennett, 134.0 Cummings, 140.4 Apex, 147.7

Nagle, 111.3 Prattrock, 111.4 Malby, 119.4

Harvey, 121.7 Cothrin, 123.1

Swift, 127.8

Flonellis, 127.6

SACRAMENTO SUB-DIVISION

Francisco

88.88

89.3

89.6

89.7

90.2

90.8

92.0

92.3

Time Table No. 150

October 1, 1933

Placerville Branch

STATIONS

S. N. R. R. Crossing JOT. SWITCH, R STREET

S. N. R. R. Crossing Western Pacific Crossing 0.5

Central California Traction Crossing

Western Pacific Crossing

S. N. R. R. Crossing

HOMESTEAD

TO-R SACRAMENTO

WESTWARD

FIRST

299

Motor

Arrive Daily

Via Elvas

9.20AM

59.9

59.4

59.1

59.0

58.5

57.9

56.7

56.4

Soudan Cothrin

Bradshaw Bryants

Brown

Malby

Harvey

Salsbury

Prattrock

Alden

Brandon

Bullard

Bennett

Crossing Cummings Flonellis and Apex

THIRD

519

Local Freight

Arrive Tues. Thurs., Sat.

12.15PM

Via Elvas

E	EΑ	STWAR	D	Wines Table No. 150	WES	TWARD	
Capacity of Sidings in 520		rom	Time Table No. 150 October 1, 1933	E 02	FIRST		
Capacity of Sidings in Car Lengths		520 Mixed	Distance from San Francisco	Colusa Branch	Distance from Wyo	521 Mixed	
		Leave Mon., Friday	Dis	STATIONS	Dis	Arrive Tues. Saturday	
Yard :	PY	9.10AM	108.3	R HARRINGTON	72.1	s 11.15 AM	
40	riel	f	112.3	COLLEGE CITY	68.1	f	
33		f	116.0	GRAINO 4.8	64.4	f	
101	w	s 9.45	120.8	TO GRIMES	59.6	s 10.40	
30		f	124.4	SYCAMORE 4.4	56.0	f	
35		f	128.8	DOLAN 4.2	51.6	f	
97	T	s 10.30	133.0	TO COLUSA	47.4	s 10.05	
50		f	143.2	STEGEMAN 2.7	37.2	f	
39	w	s 11.10	145.9	PRINCETON 4.5	34.5	s 9.15	
33		s 11.30AM	150.4	OODORA 5.2	30.0	s 9.00	
64		f	155.6	GLENN	24.8	film syst	
40		f	162.1	ORDBEND	18.3	f	
33	10	f	165.9	ROTAVELE	14.5	f	
84	w	s 12.50PM	170.0	TO HAMILTON	10.4	s 8.05	
42 I	PY	s 1.25PM	180.4	WYO	0.0	7.35AM	
hading	III	Arrive Mon., Friday	A 5100	(72.1)	Marine 10	Leave Tues., Saturday	
Anut.	mi	(4.15) 16.64	ntr ovelo	Time over DistrictAverage Speed per Hour	(A) T	(3.40) 19.67	

Additional Stations: Oak Flat 125.4, Denco 137.0, Nadine Spur 157.0, 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, 148f, Denco, Moda, Nadine Spur and Cory.

EASTW	ARD	Time Table No. 150	WESTWARD	
Consolty of	from	October 1, 1933	Distance from	
Capacity of Sidings in Car Lengths	Distance from San Francisco	Dantoni Branch	ntoni	
gristom Hall	Sar	STATIONS	Disp	
-multipethodb to	139.8	DANTONI JOT.	4.4	
7	143.0	LINDA 1.2	1.2	
17	144.2	DANTONI	0.0	
out at brings	empty in the	(4.4)	M. Streets and re-	
EASTWARD		Time Table No. 150	WESTWARD	
Capacity of Sidings in	Distance from San Francisco	October 1, 1933	Distance from Fruto	
Sidings in Car Lengths	rtance r Fran	stance a Fran	Fruto Branch	Fruit
al (aglico de la constante de	Sau	STATIONS	a la	
64 WOYBKP	149.9	TO-R WILLOWS	17.0	
7 Spur	152.3	LOSA 3.5	14.8	
20	155.8	KURAND	11.1	
10	159.6	MILLSHOLM	7.3	
9	163.6	ATHENA	3.3	
19 PT	166.9	R FRUTO	0.0	
hart of a direct	the state of the	(17.0)	or the graph of the state of	
		Time over District	BEEN DEFINA	

EASTW	ARD	Time Table No. 150	WESTWARD
Canacity of	from	October 1, 1933	non Bos
Capacity of Sidings in Car Lengths	Distance from San Francisco	Sutter Basin Branch	Distance from
La Tetulion R	San	STATIONS	Dis.
With P	96.5	R GRACE	20.8
30 P	96.9	MARCHANT	20.4
33	98.4	MACKERT	18.9
39 WP	100.4	ROBBINS	16.9
33 P	101.7	SEYMOUR	15.6
55 P	105.1	SUBACO	12.2
33	107.2	PELGER 2.1	10.1
55 P	109.3	EVERGLADE	8.0
51 P	111.2	HINSDALE	6.1
YP	111.8	SHEFFIELD	5.5
44	113.3	TISDALE	4.0
15 (Spur)	115.2	PROGRESS	2.1
24 35 (Spur)	117.3	JOSEPHINE	0.0
miner inches in	O I I U	(20.8)	444
og de Avyllagnet at	Admin rates	Average Speed per Hour	Belgin Bright
EASTW	ARD	Time Table No. 150	WESTWARD
Capacity of	stance from n Francisco	October 1, 1933	ifrom A
Sidings in Car Lengths	stance n Fran	Sutter Basin Branch	Karnak Karnak

3600, 3700, 4100, 4300 or 5000 class engines must not be operated between Dantoni Junction and Dantoni.

96.9

97.6

99.4

STATIONS MAROHANT

ENSLEY

KARNAK

......Time over District......Average Speed per Hour...

Distance f

2.5

1.8

0.0

WARD	WEST	Time Table No. 150	ARD	EASTW	
Desiding Demanni	from	October 1, 1933	from	Capacity of Sidings in Car Lengths	
Market of a	Distance from Boyer	River Farms Branch	Distance from San Francisco		
STIPS STATE	Dis	STATIONS	Dis		
rdegii	13.8	KNIGHTS LDG. JOT.	93.5	militarie testiva i	
a fraiding it not locate away book	11.0	EASTHAM	96.3	our 16	
O-PHYARRAN	8.1	AYRSHIRE	99.2	22	
VIEW TO	4.9	TYNDALL 3.7	102.4	our 68	
T puthision	1.2	JIMENO	106.1	19Y	
The dather	0.0	BOYER 0.9	107.3	our 14	
DESC.	CRAYIN	END OF TRACK	pality man had	described to	
SEAR S	(RACCE)	(13.8)	In the seas to be	washin ledove	

Trains must not exceed 20 miles per hour between Knights Landing Junction and

EA	STWAR	0	912. 21. 2	WES	TWARD
FIRST	CLASS	g o	Time Table No. 150 October 1, 1933		SECOND
Capacity of Sidings in Car Lengths	524 Local Freight	Distance from San Francisco	Walnut Grove Branch	Distance from Isleton	525 Local Freight
J. (a. M.)	Leave Daily Ex. Sunday	Αŭ	STATIONS	ď	Arrive Daily Ex. Sunday
Term. Yard WOTYPBK	3.00PM	88.8	TO-R SACRAMENTO	32.4	9.10PM
Yard		89.3	S. N. R. Crossing	31.9	line?
Yard P	3.05	89.6	JOT. SWITCH, R STREET	31.6	9.05
Yard		91.8	BATHS 2.4	29.4	8.55
60	3.20	94.2	DEL RIO	27.0	8.45
60	3.30	97.5	FREEPORT 7.8	23.7	8.35
60 P	3.55	105.3	HOOD	17.3	8.10
55	4.10	107.9	LAMBERT 3.3	13.3	7.45
44	oll at n. garage	111.2	MOFUBA	10.0	
Yard 61 PWY	4.25	113.4	TO WALNUT GROVE	7.8	7.30
Yard PWBY	5.00PM	121.2	TO-R ISLETON	0.0	7.00 PM
	Arrive Daily Ex. Sunday		(32.4)	WT R	Leave Daily Ex. Sunday
ord a c	(2.00) 16.20	W1 14	Time over DistrictAverage Speed per Hour	THE	(2.10) 14.95

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.

EA	STWAR	D	Time Table No. 450	WES	TWARD	
FIRST	FIRST CLASS		Time Table No. 150 October 1, 1933	ich and	SECOND	
Capacity of Sidings in Car Lengths	526 Mixed	Distance from San Francisco	Stirling City Branch	Distance from Stirling Oity	527 Mixed	
Car Lengths	Leave Mon., Friday	Αø	STATIONS	d _a	Arrive Tues., Saturday	
Yard OYWBKP	1.15 PM	184.2	TO-R CHICO	31.2	s 10.40AM	
		186.6	S. N. R. R. Crossing	28.8	varQ	
A STATE OF	f	189.3	DREDGE	26.1	f 10.20	
18	f 1.50	192.6	OROUGH 5.6	22.8	s 10.00	
21 WP	s 2.20	198.2	PARADISE 5.0	17.2	s 9.30	
12	s 2.50	203.2	MAGALIA	12.2	s 9.05	
3 P	8 3.10	206.2	APPLETON	9.2	s 8.50	
10 (Spur) WP	s 3.30	210.0	DOON 5.4	5.4	s 8.30	
PY Yard	s 4.00PM	215.4	R STIRLING CITY	0.0	8.00AM	
Le let da	Arrive Mon., Friday	100	(31.2)	Control of the Contro	Leave Tues., Saturday	
igh or blan	(2.45) 11.35	la de la constante	Time over DistrictAverage Speed per Hour	171 files	(2.40) 11.70	

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.

		SACRA	MENT	O YARD—O	UTBOUND,	VIA EI	LVAS						SACRA	MENTO YAR	RD—INBOUND, VIA EI	LVAS
COLAN	THIRD CLASS				FIRST CLASS			ver.	Time Table No. 150	TIPO II	1 300	THIRD CLASS				
erminal Yard	t l	180 to	Hatthe F	518 Local Preight	15 West Coast	300 Motor	298 Motor	231 Passenger	istance from an Francisco	October 1, 1933	Distance from End of Division	16 West Coast	299 Motor	282 Passenger	ChineStrates Contracts	519 Local Freight
	No.	Mary	E averill ber	Leave Mon. Wed., Fri.	Leave Daily	Leave Saturday Only	Leave Daily Ex. Saturday	Leave Daily	P Ø	EDAM STATIONS	0 2	Arrive Daily	Arrive Daily	Arrive Daily	HOMOREM MAIN - HOME	Arrive Tues. Thurs., Sat.
Yard		4	POLYATE	6.7.25	6.40PM	4.05 PM	2.35PM	8.20AM	88.8	zi (TO-R SAORAMENTO (Passenger Station)	7.0	s 8.55AM	s 9.20AM	8 9.00PM	Totals -	011
Yard	A.SII	033	REMITTED	5.30AM	Mob.E = 45	MET I		9,09	89.8	R SACRAMENTO (12th Street)	6.0	No.	0	e.01 m a.e.	Tanno tri	12.15PM
Yard I	9.76	21	M. H. R. Coop	5.40	6.50	4.15	2.45	8.30	91.8	ELVAS	4.0	8.45	9.08	8.50	MHOMADEN	12.01 PM
Yard I	0.11	TRUTT	A HOTEL	5.50AM	6.55PM	4.22PM	s 2.52PM	f 8.35AM	94.8	BRIGHTON	1.0	8.30AM	9.03AM	f 8.45PM		11.50AM
10.1	34.4		HETAR	2.10		m"		1:01	95.8	END OF SACTO DIV.	0.0			0,014		DE DUE
-44	1.03		DIR REG	Arrive Mon. Wed., Fri.	Arrive Daily	Arrive Saturday Only	Arrive Daily Ex. Saturday	Arrive Daily	-	(7.0)		Leave Daily	Leave Daily	Leave Daily		Leave Tues., Thurs., Sat.

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. 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

Folsom.—Register at Junction Switch, Folsom. Trains that are 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 station.

RULE 83 (D). Trains must obtain a clearance before leaving Marysville, Colfax, Truckee, 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

Train order office Colfax closed 4.00 A. M. to 8.00 P. M..

Train order office Marysville closed 5.00 P. M. to 1.00 A. M.

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

Western Division freight trains originating Roseville will be cleared over the signature of Western and also Sacramento Division Chief Dispatchers on separate clear-

Westward Third Class and extra trains passing Sacramento will not comply with Rule 83. A proceed signal received from switchtender at Front Street, Sacramento, given with 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 departed.

RULE 93. YARD LIMITS .- Are defined by yard limit signs at the following stations:

Colfax Chico Truckee Willows Oroville Isleton Emigrant Gap Woodland Walnut Grove Placerville Orland Folsom Red Bluff Black Butte Hornbrook Klamath Falls Crescent Lake Hackamore Weed Redding Ashland Kirk Alturas Lakeview Dunsmuir Montague Mt. Hebron

SACRAMENTO YARD.-Between a point 1,000 feet east of Benali to a point 1/4 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 31/2 miles east of Junction switch, R Street, on Walnut

ROSEVILLE YARD.—Between a point 4,000 feet west of west switch Antelope, to a point one mile east of junction switch on Roseville-Gerber 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.

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 at 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 east of Gerber.

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

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

"SAFETY"

Movement of engines and trains between Alturas Yard and Alturas will be directed by yardmaster, when yardmaster on duty.

RULE D 97 (A). On double track between Sacramento and Sparks, trains may run extra moving with the current of traffic without running orders, but must obtain clearance before commencement of trip, if an operator is on duty.

DRAWBRIDGES AND RAILROAD CROSSINGS NOT INTERLOCKED

Sacramento River at Knights Landing. Trains must not stop on drawbridge at Knights Landing. 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 will stop and ascertain that crossing is clear before

Southern Pacific and Western Pacific 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 will stop within two hundred feet of Sacramento Northern R. R. crossing

Front and R Streets Sacramento before crossing.

Movement 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 Street, Sacramento and Southern Pacific yard engines switching on Front Street will stop before reaching the crossing at Front and M Streets and will proceed on hand signals from flagmen on the ground in the center of the crossing, flagman using a green flag by day and a green light by night.

Sacramento Northern trains and San Francisco & Sacramento Railroad trains

will stop before reaching the crossing and will proceed on signal from the flagman in the center of the crossing, flagman using a yellow flag by day and a yellow light by

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

RULE 104. BLACK BUTTE The normal position of Junction Switch (1200 feet west of Train Order Office) is

for Cascade Line. 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, 1000 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.

Trains moving in either direction between WEST and MIDDLE sidings must

protect against overdue Siskiyou Line first class trains.

Helper engines may use that portion of Siskiyou Line main track between Junction switch and a point 200 feet east of wye switch, except when a first class train is due.

Siskiyou Line trains, except first class, must approach and move between a point 200 feet east of wye switch and junction switch prepared to stop, expecting to find engines turning on wye or trains or engines moving in either direction between WEST and MIDDLE sidings.

RULE 2. The following are designated Watch Inspectors: Oroville R. A. Williams Placerville Leo C. Burger

Marysville Frank G. Mooney
Red Bluff G. C. Wilkins
Redding F. R. Dobrowsky

Redding F. R. Dobrowsky

Marion Dayley
Klamath Falls F. W. Bertram
Ashland Chas A. White

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 (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 flag between Junction Switch at Black Butte and Weed, and Modoc Line trains to recall flag 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 flag between Junction Switch at Black Butte and Weed, and Modoc Line trains to recall flag between Stukel and Klamath Falls.

RULE 19. Markers must be kept lighted on No. 2 track between Rocklin and Colfax and on Nos. 1 and 2 tracks Knapp and Truckee, at all hours.

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

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 83 (A). At the following stations, only the trains indicated will register. Chico Trains originating and terminating.

Harrington Weed, and Nos. 7. 8. 623 and 624.

Sacramento, 12th St.—Trains terminating, information to be telephoned to operator in "H" Office, Sacramento.

RULE 83 (B). At open train-order offices trains may register by ticket as follows:

Black Butte.

Willows

Nos. 7, 8, 17 and 18 at Woodland and Orland.

First-class trains Truckee.

First-class trains register at Roseville Passenger Station.

Westward G. N. Ry. at Klamath Falls.

Chemult, except No. 386 and No. 387.

The normal position of switch on Siskiyou Line main track 443 feet east of Junction switch is for track leading to WEST siding.

Junction Switch of Great Northern Railway located in siding 130 feet east of west switch at Chemult. Normal position of Junction Switch is for Southern Pacific track.

KLAMATH FALLS

Junction switch of Great Northern Railway is located at Mile Post 428.4, 2773 feet east of west switch of yard. Normal position of switch is for Southern Pacific main track.

Modoc Line main track parallels south side of Cascade Line main track at Klamath Falls, from a point at Cascade Line Mile Post 427.023 and Modoc Line Mile Post 553.2 to Cascade Line Mile Post 427.786. Junction switch of Modoc Line and Cascade Line at Klamath Falls is 1000 feet west of Mile Post 428. Normal position of junction switch is for Cascade Line.

ALTURAS YARD

Junction switch of Lakeview Branch and Modoc Line main track at Alturas Yard is 480 feet west of Mile Post 458. Normal position of junction switch is for Modoc Line.

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

RULE 221.—Train Order Signals:

Emigrant Gap.

Westward signal located 2500 feet east of office and eastward signal 100 feet west of office.

Norden:

Westward signal located 900 feet east of station, and

Eastward signal 800 feet west of station.

Indication of these train order signals will be by lights only.

When a train reaches a point approximately 300 feet from signal, if no train orders, light will change from "Stop" to "Proceed."

If signal is first seen in "Proceed" indication clearance card must be obtained. Light will not be displayed in train order signals on Lakeview Branch at Willow Ranch except when train orders are to be delivered.

Trains must obtain clearance at Redding.

RULE 221 (A): Rule 221 (A) is so interpreted as to make it 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 dispatchers, nor will they complete that portion of clearance (Form CS-2643) reading:

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

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 516. Overlap posts affecting trains are located:

Eastward Trains:—Dunsmuir Yard—515 feet west of signal 3210. White Point-1000 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.

Westward Trains:—Wall Creek—Fouling point west switch.
Pine Ridge—Near middle of yard.
Somerset—Middle of yard.

TRAIN AND AIR INSPECTION.

On grades retaining valves will be used as follows: Norden to Truckee.

One retaining valve for every 120 Ms in train. Norden to Yuba Pass

One retaining valve for every 140 Ms in train. Yuba Pass to Loomis

One retaining valve for every 100 Ms in train.

Stirling City to Mile Post 188
One retaining valve for every 80 Ms in train. Placerville Branch

From MP-148 to MP-146 and from MP-145 to MP-138 one retaining valve for every 120 Ms in train.
MP-136 to MP-130 and from MP-129 to MP-122, one retaining valve for every

From MP-117 to MP-112, one retaining valve for every 150 Ms in train.

Passenger Trains

Black Butte to Edgewood. Accessible retainers.

Azalea to east switch Dunsmuir. Accessible retainers.

Ambrose to Ghent.......Accessible retainers. Retainers on head end cars must be left turned up from Orcal to Mile Post 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.

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

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 M's shown as

Siskiyou to Ashland......One (1) retainer for each 90 M's. Siskiyou to Hornbrook..... Ambrose to Ghent.

Snowdon to Hornbrook.

Grass Lake to Azalea.

Dunsmuir Yard to Gibson..... One (1) retainer for each 200 M's.

Example: A train consisting of 80 cars 7,000 M's Grass Lake to Azalea requires

35 retainers and from Azalea to Dunsmuir Yard 58 retainers turned up solid on head

Sufficient retainers will be turned up, in the judgment of the engineman, 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 round retainers.

Solid stock trains Snowdon to Hornbrook and Grass Lake to Azalea may be handled with no retainers provided engineman 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, engineman will instruct train crew number of retainers required.

Additional retainers will be turned up or down on instructions of engineman if in

his judgment it is necessary.

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

Where retainers are used the rate of speed of freight trains on any grade of over one per cent (1%) will not exceed 25 miles per hour, 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.

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

Andover: (During storms inspection will be made in shed at Andover.) Flint (except westward freight trains that stop at Auburn, will inspect at Auburn instead of Truckee, Five minutes. Summit. On No. 1 track. Norden. On No. 2 track. Flint.) Latrobe. Troy. Yuba Pass. Paradise. Midas. Doon. Gold Run. Crouch.

Passenger trains stop at Paradise five minutes to cool wheels. Freight trains on descending grade, stop between switches at Knapp, five minutes

to cool wheels. Mallet engines running light on descending grades will make stop of sufficient length of time to inspect engine.

Light engines descending grade that are equipped with tire coolers will stop at Emigrant Gap, Truckee, and Colfax for inspection.

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

Westward passenger trains on No. 1 Track will make running test just before en-

tering tunnel No. 6.

Standing air brake tests must be made at: 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 Norden and Summit and enginemen and conductors are responsible for brake pipe pressure throughout the

When stopping freight trains on descending grade Andover for inspection engine will be stopped west of culvert 202-E located 1879 feet west of west switch Stanford.

Westward freight trains will make brake pipe test at Truckee and Summit. The tonnage of freight trains between Stirling City and Chico must not exceed 80 M's per operative brake.

The tonnage of freight trains between Placerville and Folsom must not exceed 100 M's per operative brake.

The tonnage of freight trains between Summit and Loomis, must not exceed 100 M's per operative brake. The tonnage of freight trains between Norden and Truckee must not exceed 120

M's per operative brake.

Emergency hose must be used on freight trains between Sparks and Roseville. Emergency hose will be handled by carmen at Sparks and Roseville, but must be applied and removed when necessary by trainmen at intermediate stations.

Passenger trains descending grade will stop four minutes at Steinman and 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 Mott or Azalea..... 5 minutes

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, 15th and 18th, over Sacramento River, except local freight trains between Ashland and Hornbrook when handling few cars of logs loaded in gondola cars.

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.

Running air brake test must be made:

Snowdon Eastward passenger trains.

Black Butte Siskiyou Line passenger trains. Siskiyou All trains.
Grass Lake Westward freight trains.

Hornbrook. Eastward trains.

Black Butte. Siskiyou Line freight trains. Ambrose......Westward freight trains.

Eastward trains which have made standing air brake test at Mt. Shasta or Deetz need not do so at Black Butte.

The tonnage of any freight train between Hornbook and Ashland must not exceed 100 M's per operative brake when handled on descending grade by AC, Mallet, 2-10-2 or SP type engines. When other class engine used 90 M's 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 Mt. Shasta and Dunsmuir, and between Ambrose and Ghent, must not exceed 120 M's per operative brake.

RULE 869.—Descending Steep Grades. This applies between Edgewood and Black Butte Snowdon and Ashland. Grass Lake and Delta. Ambrose and Ghent.

AUTOMATIC BLOCK SYSTEM

The two center tracks, for entering and leaving Sacramento passenger station, are equipped with automatic signals between 6th and 7th Street switchtenders' 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 indication for crossover movement to 6th Street switchtender's station.

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

Three-arm block signal on No. 2 track at Junction switch, Rocklin, governs the movement of eastward trains. The upper home and distant signals govern the use of No. 2 track. The lower home signal will clear only when No. 4 track is clear and switch

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

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

SPECIAL SIGNALS

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.

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

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-Take crossover for roundhouse.

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

-Take No. 4 siding at east switch.

No light-Proceed, on time table or train order authority. Light signal at switchman's cabin opposite yard office Roseville. This signal to be used by switchmen to give proceed signal to westward freight trains off Sparks-Roseville line to enter yard. Indications as follows:

No light—Stop and stay clear of Yosemite Street crossing. Yellow light—Proceed into yard.

When proceed signal is given the yellow light will alternately flash off and on. Junction switch, Tehama, normally lined for movement via Chico.

Normal indication Signal 2116—Stop, Trains on Davis-Gerber line will not pass Signal 2116 until junction switch is lined for Davis-Gerber line. Rule 509 applies.

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 the turntable lead at Siskiyou (this is the track on the south side of main track used by helper engines in 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.

When necessary to send flagman through tunnel 13, train must wait until flagman

calls on telephone from opposite end of tunnel.

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.

Signal 5031 on Great Northern Ry. at junction switch, Chemult, governs movement of trains and engines from Great Northern Railway track to joint track. Signal 5025 at derail on left side west end of interchange track, Chemult, governs

movement from interchange track to main track.

Signal 4282 located at derail on Great Northern Railway at junction switch Klamath Falls, governs movement of trains and engines from Great Northern Railway track to joint track.

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.

Interlocking home light signal governing westward movements on No. 1 track at east end of bridge, equipped with number plate SA-887.

Derails, operated by switchtender, in Front Street tracks and drill tracks seventy-

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, using green flag by day and green light by night.

NINETEENTH STREET, SACRAMENTO.—At crossing of R Street track with Western Pacific R. R.

Limits extend from interlocking home signal 400 feet west of tower to dwarf

signal 250 feet east of tower.

Yard engines wishing 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 1400 feet west of tower to automatic home Signal 924.

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.

Crossover, center siding Elvas to westward track Elvas-Polk line. Movement governed by Signal 1355.

Crossover, center siding Elvas to eastward track Polk-Elvas line. Movement governed by Signal 1354. West switch and derail center siding Elvas. Movement governed by Signal 1351.

Hopfen spur switch and derail. Movement governed by Signal 1345. Street connection, switch and derail. Movement governed by Signal 1331.

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

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

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.

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.

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

witch of crossover.

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

Indication displayed on interlocking signal located sixty (60) feet east of crossover switch Emigrant Gap, governing movement through crossover from No. 2 track to

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

lock. Westward trains stopped at interlocking signal west of house track spur switch, will call operator at Emigrant Gap on telephone and be governed by his instructions and when instructed by him to operate the derail by hand, be governed by the instruc-

tions on the sign at derail. Trains moving through crossover from No. 2 track to No. 1 track will be governed by interlocking signal located 60 feet east of crossover switch. Signal will not clear for crossover movement until crossover switches have been lined.

Trains moving off east lead of turntable to No. 1 track will be governed by signal located 60 feet west of derail. Signal will not clear until derail and switch have been

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.

Eastward interlocking signal, located on No. 1 track opposite east switch to cross-over, governs movement against current of traffic on No. 1 track to signal 1718. Westward movement from west lead of turntable or from fire train crossover will

not be made until permission is given by operator.

Rule 628 and 663 will not apply and the following will govern:

Telephones located at interlocking signals establishing communication with operator at Emigrant Gap. Trains stopped at signals will call operator for instructions and when such instructions have to do with an inoperative signal, trains will be preceded by flagman to next home or end of interlocking limits.

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. Movement from spur governed by signal.

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 obtain-

ing permission from signal operator.

Rules 628 and 663 will not apply and the following will govern. Telephones located at signals communicating with signal operator at Norden office call signal operator by one long ring giving number of train, route desired, etc., movement will be governed by signal indication or instructions of signal operator and when such instruc-tions have to do with an inoperative signal, trains 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.

Signal on No. 2 track 60 feet west of west switch to siding governing eastward movement on No. 2 track and to siding and turntable.

Signal on No. 1 track opposite clearance point on west lead to turn table governing westward movement on No. 1 track and through crossovers.

GEORGIANA SLOUGH-DRAWBRIDGE.-Limits extend from interlocking home signal 500 feet west of drawbridge to interlocking home singal 500 feet east of draw-

SNODGRASS SLOUGH-DRAWBRIDGE.—Limits extend from interlocking home signal 400 feet west of drawbridge to interlocking home signal 600 feet east of bridge.

NINTH AND K STREETS TOWER, MARYSVILLE—Crossing Western Pacific Railroad and Knights Landing and Oroville Branch Lines.

Limits on Knights Landing line extend from home interlocking signal 445 feet west of Western Pacific Railroad crossing to home interlocking signal 380 feet east of crossing.

Towerman on duty 7:30 A.M. to 12:00 Noon. 1:00 P.M. to 4:30 P.M.

Following switches and derails on Western Pacific Railroad 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 either direction 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 from east or west, signals 4 located on Western Pacific track 474 feet west of crossing, and 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.

In the event it is necessary to make this movement when a train is approaching on Western Pacific main track from either east or west, opening the door of any electric lock will not put signals 4 or 15 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 4 and 15 in STOP POSITION. After time hand release has restored to normal position a white light will light up, indicating electric locks are released.

Switches and derails must be immediately returned to normal position after train 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.

BINNEY JUNCTION TOWER .- Junction with Woodland-Oroville line and crossing Western Pacific R. R.

Limits on Roseville-Gerber line extend from signal bridge 1300 feet west of tower to automatic home signal 1420. On Oroville line extend from signal bridge 1300 feet west of tower to interlocking home signal 950 feet east.

Woodland line from signal bridge 1300 feet west of tower to interlocking home dwarf signal on west leg of wye at clearance point to main track. Also from interlocking home signal 500 feet east of tower to interlocking home dwarf signal at spur switch on east leg of wye.

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 to Knights Landing line.

LIVE OAK AUTOMATIC .- Crossing Sacramento Northern Railway one half

Interlocking limits on S. P. track extend from home light signal SA 1522, 517 feet west of crossing, to home light signal SA-1523, 523 feet east of crossing, and on S. N. Railway track between home light signals located 600 feet on both sides of crossing. Speed of engines at crossing 20 miles per hour.

Normal indication of interlocking home signal is STOP. Home signal will change to PROCEED (or CAUTION) when train enters approach circuit to distant signal, provided there is no train in the block and no train within interlocking limits or approach thereto on Sacramento Northern Railway.

Eastward trains holding main track when meeting another train at Live Oak

will stop west of overlap post located 100 feet west of station.

Trains having switching to perform at Live Oak should take siding, clearing main track as quickly as possible. East switch to house track and east switch to siding should be restored normally as quickly as possible after using same.

When train is stopped by interlocking home signal flagman must be sent to operate clockwork time release located in door of battery house at crossing.

This clockwork time release must not be operated when trains or engines are between home signals or seen to be approaching on Sacramento Northern R. R. tracks.

To operate clockwork time release, turn knob to right to extreme position about one-quarter turn, release knob and when a red indicator light appears, this will indicate to flagman that signals on Sacramento Northern R. R. are in proper position to protect the movement. After 4 minutes, home signal should change from stop to proceed with caution, or a repeater red indicator light located on signal mast near base of home signal will light up and will indicate to engineman that home signals on Sacramento Northern R. R. are in stop position. Train may then proceed through interlocking limits as prescribed by Rules 663 and 509.

In the event the red indicator light does not appear at the clockwork time release

flagman must be sent in each direction on intersecting track to protect the movement. Train may then proceed through interlocking limits not exceeding 12 miles per

hour.

WOODLAND.—Crossing Sacramento Northern R. R.

Limits on Davis-Gerber line extend from interlocking home signal 450 feet west of Sacramento-Northern R. R. crossing to home signal 500 feet east of crossing. On Woodland-Oroville line extend to dwarf signal 200 feet east of crossing.

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.

Signal Operator off duty Woodland Tower between hours 12:01 A.M. and 6:30 A.M. Switch and derail will be lined up for movement on main track and Knights

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

Trains having switching to perform will use west switch to house track as east switch is interlocked and lined for main track.

REDDING REMOTE CONTROL—Limits as follows:
From Interlocking Signal SA-2586 located 1200 feet east of Telegraph Office,
Redding, to Interlocking Signal SA-2587 located at east switch to westward siding.

Rule 628 and 663 will not apply and the following will govern:

Telephone located at relay housing opposite west switch to crossover, communicating with Signal Operator at Redding office. Call Signal Operator by one long ring, giving number of train, route desired, etc. Movement will be governed by signal indication, or instructions of Signal Operator, and when such instructions have to do with an inoperative signal, trains will be preceded by a flagman to next home signal, or end of interlocking limits. When instructed by Signal Operator to operate switches on crossover by hand, be governed by instructions on sign on relay housing opposite west switch on crossover.

STRONGHOLD AUTOMATIC—Crossing Great Northern Railroad one-half mile east of Stronghold.

Interlocking limits on S. P. track extend from home interlocking signal 503 feet west of crossing to home interlocking signal 404 feet east of crossing and on Great Northern Railroad between home interlocking signals located 546 feet on both sides

Speed of engines at crossing 20 miles per hour. Normal indication of interlocking home signal is STOP.

Home signals will change to "Proceed" when train enters approach circuit to distant signal, provided there is no train in the block and no train within interlocking limits or approach thereto on Great Northern Railroad.

When train is stopped by interlocking home signal flagman must be sent to operate clockwork time release located in iron box at crossing locked with switch lock. This clockwork time release must not be operated when trains or engines are be-

tween home signals or seen to be approaching on Great Northern R. R. tracks.

To operate clock work time release, turn knob to right to extreme position about one-quarter turn, release knob and when a red indicator light appears, this will indicate to flagman that signals on Great Northern R. R. are in proper position to protect the movement. After 4 minutes, home signal should change from stop to proceed, or a repeater red indicator light located on signal mast near base of home signal will light up and will indicate to engineman that home signal on Great Northern R. R. are in stop position. Train may then proceed through interlocking limits as prescribed by Rules 663 and 509.

In the event the red indicator light does not appear at the clockwork time release flagman must be sent in each direction on intersecting track to protect the movement unless interlocking signals or derails thereon be known to be in position to protect the movement.

Train may then proceed through interlocking limits not exceeding 12 miles per hour.

MISCELLANEOUS-GENERAL

Cars with inoperative couplers or couplers pulled out, if loaded with perishables or live stock, may be chained in train and moved to nearest available repair point. All other cars with defective couplers or those with couplers pulled out will be switched to the rear of caboose, using operative coupler on opposite end of the car by turning car either on turntable or wye. Car and caboose should be chained to prevent car from breaking away from train while enroute. Cars chained may be moved to the nearest repair point in the direction the train is moving.

Not more than one 2-10-2, AC or Mallet class engine must 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 tables.

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 engineman will shut off the steam one-half mile from station.

When making up train or picking up enroute, scale repair and scale test cars should be placed in rear of freight train next ahead of caboose, or next ahead of occupied outfit cars, when latter cars are handled in freight train. Yard crews must not switch with scale repair or scale test cars, but will handle them in this respect as required to handle caboose, and when setting these cars in or out of train or shifting them from one track to another, rough switching must be avoided and equipment carefully handled.

When car is set out and scale inspector is working in car, he will display a blue signal, which must be respected as per Transportation Rule No. 26. Inspector must not display blue signal for any other purpose, that unnecessary delay in handling this equipment may be avoided.

Except as specifically authorized by proper authority no car containing passengers is to be hauled next to locomotive of a steam passenger train. A steel combination or partitioned car may be hauled with baggage or unoccupied end next to engine.

For your information, quoting below sections 392, 399 and 8203 of Penal Codes of

California, Arizona and Utah:

"Every person, who, in making up or running railroad trains, places or runs, or causes to be placed or run, any freight car in the rear of passenger cars, is guilty of a misdemeanor, and if loss of life or limb results from such placing or running, is guilty of felony. The term 'freight car' as used in this section does not include a baggage, express or mail car.'

While the above statute applies to freight cars only, we will in addition, prohibit in California the placing or running, on the rear of any passenger train, a baggage, express, mail, refrigerator express or other head end passenger car so constructed or loaded as to prevent trainmen passing through it.

When head end cars are handled as trailers behind gas-electric cars, if these head end cars cannot be readily passed through by trainmen, they must be turned so that the retainers will be on the head end to enable compliance with air rule No. 16.

When necessary to handle head end cars behind gas-electric cars, they must be turned so that the baggage and express compartment will be at the extreme rear end of train and flagman must ride in that compartment.

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

After taking water, firemen should shove 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.

Mount Shasta, Black Butte, Grass Lake, Bray, Mt. Hebron, Pine Ridge, Kirk,

Lenz, Stronghold, Perez, Hackamore, Ghent, Alturas Yard, Lakeview, Lawton, Emigrant Gap.
Outstanding instructions provide engineers will not blow off locomotives while

passing over steel bridges.

These instructions will not apply, however, on line between Roseville and Sparks during months of May, June, July, August, September and October, because of the fact that hot slivers from brake shoes may set fire to ties and it will be in order to sprinkle ties to prevent such fires.

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.

MISCELLANEOUS—SACRAMENTO SUB-DIVISION

Ordinarily freight trains from Sacramento Division will enter Sparks freight yard at crossover switch just west of Seventeenth Street and will approach this switch pre-pared to stop unless route lined and signals indicate proceed.

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.

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.

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

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

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.

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.

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.

Engineers leaving and arriving Sacramento passenger station will refrain from sounding whistle or ringing bell and keep cylinder cocks closed while passing hospital

building

Rolling Mill 4, tracks, Sacramento yard must not be used by 1300 class switch engines or other engines larger than eight wheel engines not exceeding 74,000 pounds on the drivers, ten wheel Mogul engines not exceeding 105,000 pounds on the drivers and twelve wheel consolidation engines not exceeding 125,000 pounds on the drivers.

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

No. 1 Track, via Auburn, by westward trains.

No. 2 Track, Eastward main track via Auburn, Nevada Street, by eastward

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.

Oil spring switch located in eastward main track at east end of east drill track, Spring switch located at M. P. 107.38 is normally lined for main track, and is

designated by SS on switch stand target. Eastward trains moving from drill track will run through switch when lined in

normal position. Maximum speed when moving through switch from drill track 15 miles per hour. To avoid making reverse movement through switch when leaving drill track,

trains will observe position of signal 1074 located three hundred and fifty feet east of switch before fouling eastward main track, and when signal is in stop position stop at clearance point on drill track. Train moving through switch from drill track and stopping on switch must not

make reverse movement nor take slack until switch has been thrown by hand. Switch may be thrown by hand by keeping steady pressure on switch stand lever until completely thrown and lever latched.

Running switches are prohibited.

When movement made from drill track through switch, reverse movement on main line must not be made until points are completely closed.

Westward movement on main track must not be made over this switch without first stopping and ascertaining that switch is properly lined.

Blow-off cocks, sanders, or injectors must not be used, or boosters operating passing through this switch.

During the months of May, June, July, August, September and October, because the fact that hot slivers from brake shoes may set fire to ties, sprinklers will be placed in service on departure of westward freight trains and light engines Norden to Loomis; eastward on freight trains and light engines between Norden and Truckee.

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

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

When making westward movement into drill track, switch must be thrown by hand and returned to normal position by hand.

Mallet, 2-10-2, 4-10-2, AC Mt., GS-I 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.

Nev. St., Auburn, 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.

Spur switch, Eder.

Lumber spur switch, Summit.

Spur switch, Spruce Outfit spur switch, Cisco.

Crystal Lake, spur on south side of No. 2 track.

Spur switches, Yuba Pass.

Andover, outfit spur, 3 car lengths back of frog.

Donner, 6 car lengths back of frog.

Campbell Spur, Cisco, east of corral chute.

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

Corral track west of corral,

House track and house track lead east of freight house.

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

On account of 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.

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

Three Indication Light Type Dwarf Signal 1603 and switchindicator (Rule 512-A), located at derail west end center siding, Midas, governing movement from center siding to No. 1 track.

Normal indication Signal 1603, no light. RED indication will be displayed after derail has been closed; and with main line switch to No. 1 track lined for siding, GREEN indication will be displayed if block is unoccupied.

YELLOW indication if block is unoccupied and signal in advance is at stop.

Should Signal 1603 fail to change immediately from RED to GREEN or YELLOW after derail and switch are lined, wait four minutes for time element relay which will be effective when the approach to Signal 1601 is occupied.

Should Signal 1603 fail to change from RED to either GREEN or YELLOW be governed by Rules 509 and 99.

Two indication light type automatic dwarf signals, 1779 and 1857, and switch indicators (Rule 512-A) located at derails on west end of center sidings Crystal Lake and Troy governing movement from center sidings to No. 1 track.

Normally no indication will be displayed on dwarf signals. RED indication will be displayed after derails have been closed, and with main line switches to No. 1 track lined for center sidings. GREEN indication will be displayed if block is unoccupied.

Should signals fail to change immediately from RED to GREEN after derails and switches are lined, wait four minutes for time element relay which will be effective when the approach to signals are occupied.

Should dwarf signals fail to change from RED to GREEN be governed by Rules 509 and 99.

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.

5000 and 4100 class engines may operate on west end of team track Colfax to east end of freight house platform, but must not proceed beyond east end of platform.

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

Crotch switch at east end of Verdi center siding will be mechanically locked by the derail. Derail must be open before crotch switch can be operated.

Cars containing live poultry moving west from Sparks must be placed three cars ahead of caboose, Sparks to Truckee and three cars ahead of helper engine from Truckee to Summit.

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.

OPERATION OF TURNTABLE AT NORDEN

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 a 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.

Box No.	ALARM BOX LOCATIONS	Mile Pos
3	300 feet east of east portal Tunnel No. 1	
4	3/4 mile east of Blue Canon	
5	% mile east of Blue Canon. 300 feet west of Signal 1687 (Gunter)	
7	Signal 1707, 500 feet east of west switch Emigrant Gap	
8	Crossover east of turntable house, Emigrant Gap	
8 9	Between Smart and Emigrant Gap	
12	Between Smart and Yuba Pass	174
13	Between Smart and Yuba Pass	175
14	In first shed west of Yuba Pass	
15	East switch of Summer Siding, Yuba Pass	
16	End of shed east of portal Tunnel No. 36	
17	West end of center siding, Crystal Lake	178
18	West end Butte Canyon Bridge	179
19	200 feet west of west crossover, Cisco	180
21	End of shed east portal Tunnel No. 39	181
22	116 miles east of Cisco	182
23	1/2 mile west of crossover, Tamarack 1/2 mile east of crossover, Tamarack	183
24	1/2 mile east of crossover. Tamarack	184
25	Between Tamarack and Troy. 14 mile west of west switch, Troy on No. 1 track	185
26	1/2 mile west of west switch. Troy on No. 1 track	
27	East switch Trov	186
28	East switch, Troy	187
28 29	1/4 mile east of Upper Cascade Bridge	188
31	Between Spruce and Soda Springs	
32	In first shed west of Soda Springs.	190
33	300 feet east of crossover, Soda Springs	
34	Castle Creek Bridge (Culvert 190-0)	
35	East switch of west run-around track on No. 1 track, Summit	
36	1000 feet west of west portal Tunnel No. 6	193
37	East portal Tunnel No. 6	194
38	Between Tunnels Nos. 9 and 10	
39	West Switch, Donner	
41	1 mile east of Donner	197
42	1 mile east of Donner. ½ mile east of crossovers, Eder	198
43	Between Eder and Andover	199
44	Between Eder and Andover	1993
45	300 feet west of west portal Tunnel No. 13	200
46	100 feet east of Andover Section House	
47	At Andover Station	
48	In turntable house, Summit	
49	East switch of run-ground on No 2 track Norden	
51	East switch of run-around on No. 2 track, Norden East switch of siding on No. 2 track, Norden	
52	West portal Tunnel No. 41	1
53	Center of Tunnel No. 41	
54	East portal Tunnel No. 41	
01 1	Land portar 1 milet 110. 41	

Code signals following box numbers are as follows: One—East. Two—West. Three—Broken rail.

Four—Track men. Five—Slide. Six—Fire.

Trains using spur track serving the Stockton Fire Brick Co. across highway at Clayton will be governed by the following:

This spur must not be used by any class of engine larger than 2700 Class.

Trains, motors, engines and cars must be stopped before crossing the highway and

must not proceed to cross highway until conductor or other trainman has gone upon the crossing to ascertain if it is safe to do so and until signal to proceed has been given.

Oil trains in valley district when consisting of mixed loads and empties, will be made up with ten steel frame empty cars immediately behind engine, loaded oil cars to follow.

Through trains between Roseville and Gerber will take water at Berg instead of Marysville whenever possible.

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 equipped with pilot plows must not use tracks on "E" Street, Marys-

Where cars or engines are to be moved on old Cannery Track over 4th Street, Marysville, flagman must flag the crossing before movement is started over crossing. 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.

When using Wye track at Barber, by engine with or without cars, tangent track, continuation of the Wye, must be used and at no time use the Diamond Match Company's track.

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

Two engines must not be coupled on Stirling City line. Helper engines must be

cut back in train.

At Chico, the Chico-Stirling City main track originates at switch on Chico-Stirling City line leading to engine house at Chico.

Trains to and from Stirling City line use yard tracks from passenger station Chico to Chico-Stirling City main track.

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

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

Bullard spur from Bullard Junction to Lime Quarry in service. Trains and engines must not exceed 10 miles per hour on this spur. Engines must not pass a point 60 feet east of bunker switch.

Trains must stop and flagmen must precede train over Main Street when making movement on house track at Woodland.

Trains to and from Oroville on Woodland-Oroville line use Marysville siding.

No engine larger than Consolidation engines with 225,000 pounds on the drivers should pass over Trestles 97-A and 97-E on Knights Landing Line.

No train, engine, motor or car shall be operated over county road known as Wilson road at Wilson unless said train, engine, motor or car shall be under control and unless traffic on the highway be protected by a member of the train crew or other competent employee acting as flagman.

Willows-Fruto main track originates at yard limit board located on Willows-Fruto line. Trains to and from Willows-Fruto line use yard tracks from passenger station to Willows-Fruto main track.

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

Engines larger than Consolidation type must not use No. 7 track at Newcastle beyond the end of curve.

Westward trains receiving orders at, or east of Newcastle moving an eastward train 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.

A westward train must stop east of east crossover switch at Newcastle unless they receive a train-order signal permitting it to proceed.

Eastward trains authorized to use No. 1 track between Loomis and Newcastle, may proceed on No. 1 track to first crossover switch, located east of the station building at Newcastle.

Nos. 224 and 484 will use No. 4 track, Rocklin to Loomis.

Before using drill track across Victory Highway at Isleton Wharf, train must be under control and traffic on the highway must be protected by member of the crew acting as flagman.

Minimum Clearances for Rotary Plows, Blue Canon East

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

Tunnels 3 and 4 shed posts clear 8 to 10 inches. 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

Crews handling plows through district where standard clearance is not provided must reduce speed to six miles per hour through tunnels and at rock walls.

MISCELLANEOUS-SHASTA DISTRICT

Engines of freight trains on descending grades of 1% 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 shoved beyond water tank.

Leading and helper engines must not be 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, engineman will place automatic brake valve on lap, then sound one long whistle signal. Helper engineman will then make fifteen pounds reduction of brake pipe pressure, leading engineman 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 engineman that brake pipe has been recharged.

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

Passenger equipment handled in freight trains must be placed between cars equipped with carmen cutting lever.

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

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.
AS	SHLAND
Passenger Trains	Two brakes on east end.
Freight Trains	Five brakes on east end. Five brakes on west end.
KLAM	TH 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 employe releasing any of these brakes, must set as many others to replace them.

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.

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 M's 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 from the train must be coupled to engine while doing the work.

Red Bluff	Pioneer Fruit Spur.
Redding	Hoefer's and Sterling Lumber Co. Spurs.
Kennet	High Line Spur and Bridge over High Line Spur.
Pollock	Spur.
Lamoine	Industrial Tracks Little Slate Creek Bridge and west thereof.
Gibson	Spur.
Dirigo	Industrial Tracks north side of main track.

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

Eastward trains, except first class, will not enter west end Dunsmuir Yard and westward engines and trains, except first class, will not pass signal 3213 at signal shop east end Dunsmuir Yard, without proceed signal from yardman.

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.

The following rules will govern the handling of a passenger train which has parted from any cause on grades between Dunsmuir 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

Engines heavier than 210 M's 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 from the train must be coupled to engine while doing the work.

Igerna.....Spur.

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.

Weed. Engines larger than the 2600 Consolidation class must not be used on 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.

When necessary to perform switching on these tracks, care should be exercised to see that heavy class power is not used on such tracks.

Engines must not operate over following Industrial Tracks:

Ager......Spur beyond signal just east of road crossing.

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

At Mt. Hebron EASTWARD siding will be used by eastward trains and is located on left side of main track going east. WESTWARD siding will be used by westward trains and is located on left side of main track going west. East connection switch on EASTWARD siding must be normally lined for stock track.

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

Rear brakemen on freight trains descending grades between Black Butte and Met-calf, Snowdon-Ashland, Grass Lake and Dunsmuir will observe track from rear door of caboose that trains 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

Freight trains taking siding at Grass Lake stop east of east house track switch to permit engine movement around wye track. East and west house track switches, Grass Lake, will be normally lined for legs of wye. When there is a Westward train on siding Grass Lake, Eastward freight trains pull to clear west switch of siding and cut out helper through connection east of east leg of wye.

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.

Siding at Weed is located east of station building on opposite side of main track.

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

At Ashland eastward freight trains use No. 1 track and when necessary double over to No. 3 track. Westward freight trains use No. 4 track and when necessary

Westward passenger trains making station stop at Steinman will stop with rear end west of the east switch.

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

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

Engines must not use spur at Perez. When necessary to handle cars on this spur hold onto sufficient cars to keep engine off spur.

Track scale at Matheson is private scale.

SPEED TABLE

Miles	1 Mile in		Miles 1 Mile in		Miles	1 M	ile in	Miles	1 Mile in			
Per Hour	Min.	Sec.	Per Hour	Min.	Sec.	Hour	Min.	Sec.	Hour	Min.	Sec.	
6	10		21	2	51	31	1	56	41	1	27	
8	7	30	22	2	43	32	1	52	42	1	25	
10	6		23	2	36	33	1	49	43	1	23	
12	5		24	2	30	34	1	45	44	1	21	
12 15	4		25	2	24	35	1	42	45	1	20	
16	3	45	26	2	18	36	1	40	46	ī	18	
17	3	31	27	2	13	37	1	37	47	1	16	
18	3	20	28	2	8	38	1	34	48	1	15	
18 19	3	9	29	2	4	39	1	33	49	1	13	
20	3		30	2		40	1	30	50	ī	12	

Where maximum speed of 60 miles per hour authorized for passenger trains, maximum speed of 50 miles per hour must not be exceeded on curves.

Engines with water capacity of engine tender 7000 gallons or less, except tender classes 70-R-1 and 70-SC-1, maximum speed of 50 miles per hour must not be exceeded.

SPEED RESTRICTIONS

Wooden passenger cars, when used in main line service, must be equipped with steel center sills and steel platforms, except

(a) Wooden baggage, express and other head-end cars not so equipped may be used, when entire consist of train is composed of such equipment, or may be handled on head end of passenger trains, provided consist thereof does not exceed seven cars, and inspection indicates movement can be made with entire safety.

(b) Wooden passenger-carrying cars not so equipped may be used in local passenger trains and in local extras, operated account holiday or excursion traffic, provided speed of such extras is restricted to forty miles per hour. When consist of local regular or extra trains contain both wooden and steel passenger-carrying cars, the wooden equipment must be kept together and on the rear.

Speed of 60 miles per hour permitted train No. 9 between Roseville and Sacramento, where speed of other passenger trains is restricted to 50 miles per hour.

Trains must not exceed 25 miles per hour on No. 4 track between Rocklin and

Slow boards have been placed 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 miles per hour on tangent and 30 miles per hour 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 miles per hour 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 miles per hour and AC-4, AC-5, AC-6 type engines must not exceed 28 miles per hour where slow boards restricting speed on curves, show 30 miles per hour be-tween 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 miles per hour.

AC-4, 5 and 6 type engines must not exceed 25 miles per hour over the following structures:

Bear River Bridge 126-C 1.2 Miles West of Wheatland. 140-C Yuba River Bridge 2000 feet West of Marysville. Butte Creek Bridge 2.8 Miles West of Durham. 175-B Deer Creek Bridge 203-E .8 Miles East of Vina. Sacramento River Bridge 210-C At Tehama.

Clear Creek Bridge at Girvan. 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.

Mt. 1, 2, 3, 4, 5 class engines must not exceed 28 miles per hour where slow boards restricting speed on curves show 30 miles per hour. MC 2, 4, 6 and AC 1, 2 and 3 class engines must not exceed 20 miles per hour on

Motors backing through yards and over highway crossings must not exceed 10

miles per hour. Relief trains with steam derrick must not exceed 15 miles per hour over Colusa, Sutter Basin, River Farms, Stirling City, Walnut Grove, and Placerville lines.

Relief trains with steam derrick must not exceed 25 miles per hour and will be governed by other speed restrictions.

Fire trains and flangers operating between Lawton and Loomis must not exceed 30 miles per hour and be governed by other speed restrictions.

Speed of fire trains, with water cars full, must not exceed 25 miles per hour in

forward direction.

Speed of fire trains, with water cars less than three quarters full, must not exceed 20 miles per hour in forward direction. Water cars must be kept full when possible. Trains handling loaded Flint hoppers must not exceed 25 miles per hour.

At intermediate stations where mail is dispatched while trains are in motion, speed must be reduced sufficiently to avoid injury to passengers or others who may be standing on station platforms.

Eastward first-class trains must not exceed 30 miles per hour from yard limit board located one thousand feet west of west switch at Antelope to signal 1046, from signal 1046 to mile post 108 on Roseville-Sparks line, 20 miles per hour.

Westward first-class trains from mile post 108 Roseville-Sparks line to signal 1049 20 miles per hour. From signal 1049 to Antelope station 30 miles per hour. Freight trains on descending grades must not exceed 15 miles per hour while

passing passenger trains. When necessary for locomotive cranes to move in trains with flexible or swivel

truck trailing, the speed of the train must not exceed 18 miles per hour. Trains must not exceed 25 miles per hour entering or moving through controlled

sidings, or when running against the current of traffic on double track under authority of dwarf signals. Trains must not exceed 25 miles per hour from Yuba River bridge to Feather River

bridge, Marysville, and from east yard limit board Chico to west switch Chico Siding. Eastward trains using No. 2 track must not exceed 12 miles per hour from Signal Bridge just west of Passenger Station Sparks to yard office at Sparks. Engines must not exceed 8 miles per hour on balloon track at Lake Tahoe.

Trains must not exceed 25 miles per hour over Feather River bridge east of Binney Junction. This includes approaches as well as trestle on the curve just east of Feather

Trains must not exceed 15 miles per hour between the overhead bridge at Roseville, on the Roseville-Gerber line, and the passenger station at Roseville.

Consolidation engines must not exceed 15 miles per hour between Wyo and Hamilton.

Trains must not exceed 12 miles per hour over railroad crossing Bridge Street east of Yuba City station:

Trains must stop within 200 feet of S. N. R. R. crossing at Yuba City and at Knights Landing drawbridge before crossing.

Trains will pass over S. P. R. R. crossing at Grace with caution.

Consolidation engines must not exceed 30 miles per hour between Yuba City and Woodland

Motor cars must not exceed 25 miles per hour between Mile Post 138 and Placerville.

Trains having cars loaded with ore or high loads of lumber must not exceed 12 miles per hour on curves 7 degrees or over on Placerville line.

Engines using Mather Field Spur must not exceed 10 miles per hour.

Trains must not exceed 15 miles per hour over trestle 112-A on Grace-Josephine line.

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

Trains will stop within two hundred feet of Sacramento Northern R. R. crossing on Chico-Stirling City line before crossing.

Trains must not exceed 20 miles per hour on Dantoni line between Dantoni Junction and Dantoni.

 $Freight trains must not exceed 12\,miles\,per\,hour on\,curves\,between\,Kurand\,and\,Fruto.$

Trains must not exceed 10 miles per hour between initial switch of spur to Hood Wharf and Hood Wharf.

Trains must pass over S. N. R. R. crossing 9th Street, Chico, with caution.

 ${\bf Trains\ and\ engines\ must not\ exceed\ 20\ miles\ per\ hour\ between\ west\ end\ Sacramento}$ River Drawbridge and 15th Street, Sacramento.

Engines being hauled in trains or running under own steam must not exceed:

S and SE class engines must not exceed 20 miles per hour.

Trains must not exceed 10 miles per hour from Isleton to end of track two and one half miles east.

Trains must not exceed fifteen miles per hour Klamath Falls yard between Sixth Street Viaduct and Main Street crossing.

Passenger trains must not exceed 8 miles per hour when using house track Algoma.

Trains with freight equipment fulfilling first class schedules will not exceed maximum speed allowed freight trains.

Yard engines dead in train or running under own steam, must not exceed 20 miles per hour on tangent and 15 miles per hour on curves.

Engines moving westward on siding Lamoine must not exceed 8 miles per hour over spur switch at east end.

Engines using wye at Hornbrook must not exceed speed of 8 miles per hour.

Eastward trains must not exceed 15 miles per hour over switch at Barnard and 10 miles per hour when making switching moves.

Trains handling logs must not exceed six miles per hour 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 2d, 4th, 5th and 18th crossings.

Speed must be reduced to fifteen miles an hour when delivering ice, mail or bundles of papers.

SPEED OVER STREET CROSSINGS WITHIN CITY LIMITS

	Miles per hour
Woodland, Main and Court Sts	12
Willows	40
Orland	40
Corning	40
Roseville, Lincoln St	12
Red Bluff	15
Redding	15
Chiloquin	25
Klamath Falls, Main St	15

SPEED RESTRICTIONS—Continued.

Speed Restrictions in Miles Per Hour, Will Apply as Follows:

	the six must not be operated on behavior	TO O SECURE	PASSE	NGER		F	REIGHT		1 100	All Trains	LIGHTE	NG. RUNNIN	G FOR	WARD
Pages	Between	Maximum	With SP-1, SP-2, SP-3, F-1, F-3, F-4, F-5, F-6, MM-2 and AM Engines	C-2 to 10 inc.,	With Other Ty Engines		MC-1, 2 and 6	4, 1 B	ingines and Motors acking	City Ordinance	SP-1, SP-2, SP-3, F-1, F-3, F-4, F-5, F-6, MK-5, 6, 8 and 9	GS-1, 3, 4, 5, E, M, T, A and P	Types C-2 to C-10 and C-18 to 23 inc.	C-11, 12, 14,15,17, TW,MC Class MK-2, 4, MM-2, AM, AC-1, 2 2, 3, 4, 5,
2 2	Colfax—Truckee	35 40	35 40	35 40	35 40	20 30	20 25	ry du	15 15	20	30 35	30 35	25 30	30 30
2, 3 2, 4 3	RenoSacramento—ColfaxNo. 2 Track Sparks—TruckeeNo. 1 Track Truckee—LoomisNo. 1 Track	50	40 40 35	40 40 35	50 40 35	35 30 20	25 20 20	100	20 20 15	20	35 35 30	40 35 30	35 30 25 30	30 30 30
3 3,5 4,5	Truckee—Loomis. No. 1 Frack Truckee—Tahoe. Loomis—Sacramento. No. 1 Track Roseville—Tehama.	40	25 45 45	25 40 40	40 50 50	30 35 35	20 25 25 25		15 20 20	35	20 35 35	30 40 40	35 35	30 30 30
4, 5 6 12 12	Lincoln. Davis—Gerber. Woodland—Marysville. Marysville—Oroville Brighton—Folsom Citrus—Fair Oaks.	60 35 25	45	40 35 25	60 35 25	40 30 25	25		20 20 15 20		35	40 35 20 40	35 35 25 35	30 30 25 30
12 12 12	Brighton—FolsomCitrus—Fair OaksFolsom—Placerville	40 25 25		30 20 20	40 25 25	30 20 Mixed 2 Freight		•••	15 12			20 25	20 15 25	20 15
13 13 13	Harrington—Wyo via Colusa	30		25 20	. 30 20 30	25 15 20			20 10 15 15			25 15 25 25	15 20 20	20 15 20 20
13 13 13	Grace—Josephine	30 30 30		20 20 25 20	30 30 30 20	20 20 25 12			15 15 15 10			25 25 15	20 25 12	20 25 12
13	M. P. 188—Stirling City Through Crossovers, Turn-outs, and on all tracks except main tracks	20 15	10	10	15	15	10		10		15	15	15	10
(Alpal	supports bearing the first I see the support	in Lawy	trans teach I South	With		With 11, 12,		FREIC	HT AND	MIXED		ing Forward		Runni Back ward
	the first five provided to give union to the		Mari	T 1, 2,	14	,15,17 With	6 With AC 1,2,3	Maxi-	With AC 1, 2,	With Engine	MT C 2 to	AC 4, 5, 6 AM 10 C 11 to 17		

T	all tracks except main tracks 15		atted a	PASSI	ENGER			FREIG	HT AND	MIXED	a labe	LIG	HT ENG	NES	Runnir
that days	main been desert A and annual a layer Lore and	them !	off life.	fevo !	With		Lection		Tip 1	Hart y		Running	Forward	di [bed]	Back- ward
Page No.	Between		34, 36 M	With C 2 to 10 C 18 to 29 F 1 Engines	C 11, 12, 14,15,17 TW MK 2 and 4 G.N.Ry. F 5 Engines	ACA S 6	With AC 1,2,3 MC 2,4,6 Engines	Maxi- mum	With AC 1, 2, 3 MC 2, 4, 6 Engines	Running	Maxi- mum	MT, C 2 to 10 C 18 to 29 MK 5 to 9 F 1, 3, 4, 5, 6 S.P.1,2,3	MK 2 and 4 MM	AC 1, 2, 3 MC 2, 4, 6	All Classe
7 7 7	Gerber and M. P. 216.5	50 60 40 28	50 50 40 28	45 45 40 28	40 40 40 28	45 45 40 25	40 40 40 20	35 40 35 20	35 40 35 20	30 30 25 15	35 40 40 28	35 35 35 25	30 30 30 25	30 30 30 20	30 30 25 15
7	Exception: Eastward freight trains one mile east of Middle Creek and Dunsmuir							25	20 20	15 15	25	25	25	20	15
8 8 8 8 8 9 10 10	Dunsmuir and Azalea. Azalea and Mt. Shasta. Mt. Shasta and Deetz. Deetz and Black Butte. Black Butte M.P. 345 and M.P. 355½ Cascade Line M. P. 355½ and Klamath Falls. Klamath Falls and Crescent Lake. Black Butte and Edgewood. Edgewood and Snowdon. Snowdon and Ager. Ager and Thrall.	25 30 50 25 35 60 60 25 50 30 25	25 30 50 25 35 50 50 25 50 25 50 25 50 25	25 30 45 25 35 45 45 25 45 25 45 25	25 30 40 25 35 40 40 25 40 25 40 25	25 25 45 25 35 45 45 25 45 25 25	20 20 40 20 35 40 40 20 40 20 20	20 20 35 20 25 40 40 20 35 20	20 35 20 25 40 40 20 35 20 20	15 25 15 20 25 25 25 15 25 15	25 40 25 35 40 40 25 40 30 25	25 35 25 30 35 35 20 35 25 20	25 30 25 30 30 30 20 30 25 25 20	20 30 20 30 30 30 20 30 25 20	15 25 15 20 25 25 25 15 25 15 15
10 10 10 10 10 10 10 11 11	Thrall and Hornbrook Hornbrook and Hilt Hilt and Cole Cole and Clawson Clawson and Ashland Alturas Yard and Ghent Chent and Ambrose	30 25 30 25 30 40 25	30 25 30 25 30 40 25	30 25 30 25 30 40 25 40	30 25 30 25 30 40 25 40	25 25 25 25 25 25 40 25 40	20 20 20 20 20 20 40 20 40	20 15 20 15 20 30 20 30	20 15 20 15 20 30 20 30	15 15 20 15 15 20 15 20	30 25 30 25 25 40 25 40	25 25 25 25 25 25 35 25 35	25 25 25 25 25 25 30 25 30	20 20 20 20 25 25 25 25 25	18 20 18 18 20 18 20 18 20
11 11 e Note	Ambrose and Klamath Falls. Alturas Yard and Lakeview. Through Crossovers, turnouts and on sidings. Relief trains with steam derricks.	40 30 15	40 30 15	30 15	30 15	25 10	20 10	25 10 25	25 10	20 10	30 15	25 15	25 15	10	10
Note Note	Trains handling logs loaded on flat or logging cars, Tangent track Trains handling logs loaded on flat or logging cars,							25							
8 9	Curved track. Dredger fills, Worden and Klamath Falls. Dredger fills, Wocus and Ouxy	50						20 35 35							

SPECIAL INSTRUCTIONS

				SPECIAL	INSTRUCTIONS
		LOCATION OF	STR	ETCHERS	
Fair O Hood. Walnu Lincol Wheat Marys Gridle Biggs. Chico	mento. Hospital Baggage Roon Oaks. Freight House tt Grove Baggage Roon n. ### Cland ### Liand ##	Williams	Newc Aubur Colfar Dutch Towle Blue C Cisco Norde Truck	n	Gerber Mt. Shasta Ashland Klamath Falls Kennet Montague Crescent Lake Dunsmuir Hornbrook Alturas Alturas Yard HOSPITALS GENERALSAN FRANCISCO EMERGENCYSACRAMENTO "ROSEVILLE" "GERBER" "SPARKS
L		SIDE STRUCTURES NOT STANDARD EARANCE	Mile Post	LOCATION	DESCRIPTION
Mile			132.9	E. of Clipper Gap	RKS—EASTWARD—Continued Tunnel No. 24Side & Overhead
106.6 106.6 106.6 106.6 106.6 110.6 110.6 110.6 110.6	Sacramento River Bridge Shop Yard Sh	AMENTO YARD Side Oil House West of Store No. 1 Side Sand spurs Nos. 1 and 2 Overhead Track No. 2, Car Shop No. 9 Side Track No. 3, Car Shop No. 9 Side Track No. 4, Car Shop No. 9 Side Track No. 5, Car Shop No. 9 Side Track No. 9, Car Shop No. 9 Side Track No. 9, Car Shop No. 9 Side Track No. 9, Car Shop No. 9 Side Track No. 2 Bone Yard Track Side Roundhouse spur Side Track No. 2 Bone Yard Track Side Track No. 3 Laundry Side Track No. 3 Serap Dock Side Track No. 5 Serap Dock Side Track No. 6 Side New Foundry Track Side Coke spur Side Foundry Track 6th Street Side Lawrence Warehouse Side Barley spur Buffalo Brewery Side Barley spur Buffalo Brewery Side Buffalo Brewery spur Overhead & Side Unloading pit, Sacramento Rock and Sand Co Side Phoenix Mill spur Side Consumers Ice Co. Track Side Track No. 4 Rolling Mill Side Water Tank Side Unloading pit center of Track, Golden Gate Atlas spur Sacramento Vegetable Growers Assn Side Virden Packing Co. spur Overhead & Side Sacramento Northern Guy Pole Side Sacramento Northern Guy Pole Side Sulsaft spur Overhead South end of old freight shed Front St. Side South end of new freight shed Front St. Side Frack No. 3, Heavy Rip Side Track No. 4, Heavy Rip Side Track No. 5, Heavy Rip Side Track No. 6, H	133.1 133.3 133.8 134.8 136.0 138.7 139.2 139.4 141.7 141.7 141.7 141.7 152.2 152.4 165.5 208.0 208.0 242.9 242.9 242.9 242.9 242.9 164.8 200.6 164.8 201.3 195.4 195.1 194.9 194.3 194.5 12	E. of Clipper Gap E. of Clipper Gap E. of Clipper Gap E. of Applegate E. of Applegate E. of Applegate E. of N. E. Mills E. of Lander Colfax Colfax Colfax Colfax Colfax E. of Colfax E. of Colfax E. of Colfax E. of Gold Run Gold Run Gold Run E. of Gold Run Blue Canon Truckee Reno Reno Reno SPARKS-RO Andover to Knapp West of Donner West of Tamarack Search West of Tamarack Search West of Tamarack Search Searc	Tunnel No. 25.
114.8 117.3 120.5 122.7 123.2 124.7 131.2	E. of Rocklin. E. of Rocklin. E. of Lincoln Ave., Penryn. E. of Newcastle. E. of Newcastle. E. of Newcastle. E. of Nev. St., Auburn. E. of Bowman. E. of Clipper Gap.	Tunnel No. 15. Side & Overhead Tunnel No. 16. Side & Overhead Tunnel No. 17. Side & Overhead Tunnel No. 18. Side & Overhead Tunnel No. 19. Side & Overhead Tunnel No. 20. Side & Overhead Tunnel No. 21. Side & Overhead Tunnel No. 22. Side & Overhead Tunnel No. 23. Side & Overhead	103.2 117.6 124.2 124.2	Dunnigan Genevra Williams Williams Williams	DLAND-TEHAMA Water Tank

Mile Post	LOCATION	DESCRIPTION
1	WYC	O-HARRINGTON
120.8	Grimes	Water SpoutOverhead
145.9	Princeton	Water SpoutOverhead
150.4	Codora	WarehouseSide
165.9		ElevatorSide
177.4	Hamilton	Boiler House of sugar factorySide
177.4		Chad area best and a directory
177.4	Hamilton	Shed over beet unloading trackOverhead
N.	DA	VIS-OROVILLE
111.4		Water TankSide
112.4	Abbot	Earl Fruit Co. bldg. sidingSide
120.4	Yuba City	S.N.R.R. trolley wire, E. of depot. Overhead
135.0		Station platformSide
135.0		Brown's Warehouse Side
147.9	Oroville	C. L. Bills cement warehouseSide
147.9	Oroville	Olive Produce Co. porchSide
147.9		Ice House platformSide
9		ENTO-PLACERVILLE
01 -		
91.5		Contractors' spur, buildingSide
94.8	Brighton	Unloading pit center of track A. Teichert Co.
		spur.
95.9	Perkins	Perkins' StoreSide
98.9	Mayhew	Humphrey Packing house platformSide
98.9	Mayhew	Earl Fruit Co. platform Side
122.3	Cothrin	Rock CutSide
126.4	Latrobe	Rock CutSide
126.5	E. of Latrobe	Rock CutSide
128.6	E. of Latrobe	Rock CutSide
148.7	Placerville	Water TankSide
	SACRA	MENTO-ISLETON
92-B		
93.0	Charles	Stock Chutes at 93-ASide
30.0	Snodgrass Slough	
112 4	Walnut Grove	
110.4	wamut Grove	Tacine Fruit Didg

SHASTA-DISTRICT

M.P.	BETW	EEN	Structu	re	Height	Crossing		
14.4	Redding	North Street	Bridge		21'8"	130	MACAIC COM	
	Kennet		Tunnel No.			20		
	Pitt					963		
286.4	Elmore	Antler	Bridge No.		21 '11"	Sacramento	Rive	
	Pollock		Tunnel No.		21'2"	Duy Line	20210	
	Smithson		Tunnel No		18' 61%	ATTENDED		
	Delta	Lamoine	Tunnel No.			WI DADING		
	Lamoine	Gibson	Bridge No.		21'9"	Sacramento	Rive	
	Lamoine	Gibson	Bridge No.		21 ' 5"	Sacramento	Rive	
	Gibson	Fisher	Bridge No.		21' 6"	Sacramento	Rive	
	Gibson	Fisher	Tunnel No.			- Curation Co		
		Sims			21 ' 6"	Sacramento	Rive	
			Tunnel No.			Duoramonto	201.0	
	Fisher		Bridge No.		21 ' 6"	Sacramento	Rive	
	Gibson		Bridge No.		21' 6"	Sacramento	Rive	
	Sims		Bridge No.		23 ' 9"	Sacramento	Rive	
	Sims	Flume	Bridge No.	13	21' 4"	Sacramento	Rive	
	Castle Rock	Castle Crag	Bridge No.	14	21' 9"	Sacramento	Rive	
	Castle Rock	Castle Crag	Bridge No.		21 ' 7"	Sacramento	Rive	
325.0	Shasta Retreat.	Shasta Springs.	Bridge No.		21 '10"	Sacramento	Rive	
327.2	Small	Cantara	Bridge No.		21 '10"	Sacramento	Rive	
329.4	Cantara	Mott	Tunnel No		18'101/2'			
390.9	Klamathon	Hornbrook	Bridge		21' 61/2"	Klamath Ri	ver	
411.3	White Point	Siskiyou			18 '00"	TO THE RESERVE OF THE		
414.6	Viaduct	Wall Creek	Tunnel No	. 14	18' 7"			
415.2	Viaduct	Wall Creek	Tunnel No	. 15	18' 4"	-47 -6-7		
419.9	Steinman	Mistletoe	Tunnel No	. 16	18' 0"	707		
407.8	Dorris	Calor	Tunnel No	. 1	21' 2"	107 107 100		
410.0	Dorris	Calor	Tunnel No	. 2	21' 2"			
	Texum	Klamath Falls.			21'9"	S. P. Tracks	3	
	Lobert	Chiloquin	Bridge		23 ' 7"	Sprague Riv	er	

Steinman water tank, impaired side clearance.

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

LOCATION	NAME	TITLE
San Francisco	Dr. W. B. Coffey	Chief Surgeon and Manager.
Sacramento		
Roseville		
Loomis	The second secon	
Newcastle		
Auburn		
Oolfax		220 00000000000000000000000000000000000
Dutch Flat	The state of the s	
Fruckee		
Reno		
Reno		
Reno		THE COURSE PROPERTY AND PROPERTY AND PROPERTY AND A SECOND PROPERY
leno		Oculist and Aurist.
incoln		District Surgeon.
Wheatland		
Aarysville	Dr. E. E. Gray	District Surgeon.
Marysville	Dr. Thos E. Larner	Oculist and Aurist.
Ave Oak	Dr. I. W. Higgins	
Fridley		District Surgeon.
Biggs	Dr. Geo. W. Hemminger	Emergency Surgeon.
Durham		District Surgeon.
Dhico		District Surgeon.
hico		Associate District Surgeon.
os Molinos		District Surgeon.
erber		District Surgeon.
	Dr. W. E. Bates	Emergency Surgeon.
Davis	Dr. Thomas E. Cooper.	
Davis		Consulting Surgeon.
Woodland	Dr. H. D. Lawhead	A TO CONTROL OF THE C
Woodland	Dr. Fred R. Fairchild	District Surgeon.
rbuckle	Dr. H. S. Powis	District Surgeon.
Villiams	Dr. N. M. Salter	District Surgeon.
olusa	Dr. C. O. Poage	District Surgeon.
Villows	Dr. C. W. Lund	District Surgeon.
orning	Dr. H. H. Beck	District Surgeon.
tirling City	Dr. A. L. Derbyshire	District Physician and Surgeon
rland	Dr. T. H. Brown	District Surgeon.
roville	Dr. E. A. Kusel	District Surgeon.
air Oaks	Dr. G. M. Kennedy	Emergency Surgeon.
olsom	Dr. L. H. Sanborn	Emergency Surgeon.
lacerville	Dr. W. A. Reckers	District Surgeon.
amilton	Dr. Mary B. Poket	Emergency Surgeon.
uba City	Dr. Smith McMullen	District Surgeon.
Valnut Grove.	Dr. V. W. Pallesen	District Surgeon.
sleton	Dr. J. H. Leimbach	District Physician and Surgeon
ahoe	Dr. C. B. Pedersen	Emergency Surgeon.
unsmuir	Dr. E. J. Cornish	District Surgeon.
unsmuir	Dr. A. H. Newton	District Surgeon.
It. Shasta	Dr. Paul Wright	District Surgeon.
	Dr. H. L. Vidricksen	223093197031122000000
Veed		District Surgeon.
Iontague	Dr. Chas. Pius	District Surgeon.
filt	Dr. Jos. Langer	District Surgeon.
shland	Dr. F. G. Swedenburg.	District Surgeon.
shland	Dr. E. A. Woods	Assistant District Surgeon.
erber	Dr. F. J. Bailey	District Surgeon.
ed Bluff	Dr. F. L. Doane	District Surgeon.
ottonwood	Dr. R. G. Frey	Emergency Surgeon.
nderson	Dr. G. E. Flora	District Surgeon,
edding	Dr. C. D. Sewall	Acting District Surgeon.
orris	Dr. D. Todorovic	District Surgeon.
lamath Falls.	Dr. E. D. Johnson	Division Surgeon.
lamath Falls.	Dr. Chas. V. Rugh	Assistant District Surgeon.
lamath Falls.	Dr. Ralph W. Stearns	Oculist and Aurist.
	Dr. E. D. Lamb	Assistant District Surgeon.
lamath Falls.		District Surgeon.
hiloquin	Dr. Marvin Nerseth	Control of the Contro
lturas	Dr. John Stile	District Surgeon.
akeview	Dr. C. E. Leithead	District Surgeon.
akeview	Dr. C. E. Leithead	District Surgeon.

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-SACRAMENTO DIVISION-In M's of 1000 lbs. back of Tender

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-4	M-63 20/28 126 M-63 20/28 128 S	1615 to 1719	190	4300	1050	690	1650	800	3400	1250	780	3750	2300		
M-4	M-63 20/28 135 S	1795 to 1760 1790 to 1903			and the same	Nauley-	record	Direct J							2001 77
M-6 M-6	M-63 21/28 150 S M-63 21/28 153 S	1725 to 1769, 1780 to 1803.	200	5250	1300	870	2000	1000	4150	1550	990	4600	2850	530	980
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 T-1	M-63 21/28 156 S T-63 20/28 112	1826, 1827 2235 to 2271	180	3850	900	590	1400	680	3100	1100	700	3350	2100	370	700
T-26	T-69 21/28 152 S	2283 to 2300	200	4800	1150	750	1800	870	3900	1400	860	4250	2700	440	860
T-23	T-63 21/28 156 S-163 SF T-63 22/28 162 S	2301 to 2310	210 210	5550 6050	1350 1500	920 1000	2100 2350	1050 1150	4400 4800	1650 1800	1050 1150	4850 5300	3000 3250	560 630	1040 1150
T-28, 31		∫2363 to 2370		6150	1450	970	2300	1100	5050	1800	1150	5400	3450	000	1100
T-32	T-69 23/28 174 S	2372 to 2384	180	5150	1000		7-2-2	5,7 6.50	4050	1550	1000	4500	2750	550	1100
C-11 C-12	C-51 22/26 152 C-50 20/28 164	2502 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		c., qr0 m		1 2 22 1			6		CHAMES		1		
C-9, 10 C-8	C-57 22/30 194 S C-57 22/30 192 S	2860 2698 to 2749, 2751	210	6650	1700	1150	2600	1300	5200	2000	1300	5800	3550		
C-5 C-5	C-57 22/30 187 S	2624 to 2679	210	0000	1100	0.000	2000	2000	Limited To.	2000	1000	0000	0000	a K made	
C-5	C-57 22/30 185 S	2680 to 2693		L. allille		3.661	hieldtin G	March	S ben 1)		Dinnet	2000	1,000,000	A TOTAL	100
C-5 C-5	C-57 22/30 180 C-57 22/30 178	2624 to 2679		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	190 160	5650 3900	1450 970	970 640	2200 1500	1250 830	4450 3050	1650 1150	1100 720	4900 3400	3000 2050	400	740
TW-4 A-3	TW-56 20/30 120 A-81 20/28 112 S-116 SF	2928, 2930, 2931			dia 5 la c	L R MATERIA	J. Blde		2950		March 1			100	140
A-3	A-81 20/28 120/B-64 SF	3025 to 3040, 3042 to 3071	210	3800	10715				2900	****					
Mk2-4 Mk2-4	Mk57 231/30 206 S Mk57 231/30222SF-230SF	3200 to 3240	210	7650	1900	1250	2950	1600	5950	2200	1400	6650	4050		
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 1/32 273 S	3600 to 3652	200	9650	2450	1650	3750	2100	7550	••••					
F-4, 5 F-5	F-63 29 1/32306/B-61 SF. F-63 29 1/32306/B-62 SF.	3668 to 3763	200	11000	2750	1850	4300	2400	8600						
AC-1,2,3	AC-57 22-22441 SF	4000 to 4048	210	13300	3400	2300	5200	3000	10400						
AC-4	AC-63 24-24475 SF	4100 to 4109	235	17350	4450	3050	6800	3900	13600						
AC-5 AC-6	AC-63 24-24483 SF AC-63 24-24517 SF	4126 to 4150	250	18500	4800	3250	7300	4150	14500						
MM-2	MM-63 35-38320 SF	4200 to 4211	200	10350	2600	1750	4050	2250	8100						
AM-2	AM-63 22-22 320-SF	4200 to 4211	210	12150	3150	2100	4800 3400	2700 1850	9550 6950						
MT-1,3,4,5	MT-7328/30246/B-60 SF.	4300 to 4376	210	8950	2150	1400	A. D. C.		Land Tolland						
SP-1 SP-2, 3	SP-63 28.5 316/B-60 SF SP-63 28.5 317/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		1000	O. to his N	1 700	410,000				MAY!	arrest to a	- Wat	- 10 AU	
P-1	P-77 22/28 152 SF	{2400 60 2102, 2100, 2100	210	4850	1100	700	1800	950	3800	1350	810	4300	2550		
P-1 P-1	P-77 22/28 160/B-54 S P-77 22/28 163/B-54 SF.	2400 to 2427	der control	1907	4 10 AWY	F-103	ode Stall		M. telloro		alsti.	and the same	a si ng ala	I Jadella	165
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-8, 10	P-73 25/30 181 SF P-73 25/30 183/B-63 SF.	2461 to 2474, 2478 to 2483. 2475, 2484 to 2491	200	6750	1550	990	2550	1350	5250						
		4400 to 4409	250	9550	2250	1450	3600	1950	7450			V.4.14			. :
Marie N		The second of the second		-	19 A. Jul. N					Carlotti			D. Fridge	Allena VI	
	Allowance for Empty a	nd Under-{Less than 40 M's. 40 M's to 50 M's.		6 3	6 3	3	6 3	3	6 3	3	3	6 3	6 3	6 3	6 3
	loaded Cars	More than 50 M's.		0	0	0	0	0	ő	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:

-187

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L	AS	TING	OF	LOCOMOTIVES—Continued	
-		\mathbf{v}_{1111}	OI.	TOCOMOTIVE COMMISSION	

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Ashland and Horn- brook	Dunsmuir and Edgewood Dunsmuir to Black Butte	Edgewood	Horn- brook to Snowdon	Gerber to Dunsmuir	to	Dunsmuir to Gerber	Black Butte to Grass Lake	Mt. Hebron to Dunsmuir	Grass Lake to Klamath Falls Crescent Lake to Mt. Hebron	Klamath Falls to Crescent Lake	Klamath Falls to Alturas	Altura to Klama Falls
			M.	Single	Single	Single	Single	Single	Single	Double Hooker Hill	Single	Single	Single	Single	Single	Single
T-1 T-26 T-23 T-28, 31	T-63 20/26 112 T-69 21/28 152-S T-63 21/28 156-S-163-SF T-63 22/28 162-S	2235 to 2271	180 200 210 210	410 590 700	680 800 1000 1100	1300 1950 2100	910 1350 1500	1200 1500 1750 1950	2350 3450 3750	2600 3800 4150	1050 1350 1750	1600 2000 2600	3250 4100 5250	1850 2350 3050	1550 2450	660
C-9, 10 C-9, 10 C-8 C-5 C-5 C-5 C-5	C-57 22/30 200-SF C-57 22/30 194-S C-57 22/30 192-S C-57 22/30 187-S C-57 22/30 185-S C-57 22/30 180 C-57 22/30 178	2513 to 2599, 2750, 2752 to 2860 2698 to 2749, 2751	210	800	1250 1100	2400 2100	1650 1450	2150 1950	4 200	4600 4100	1950 1700	2950 2550	5850 5150	3400 3000	2750	1200
TW-8	TW-54 21/32 161-S	2914 to 2921, 2923	190	640	1050	2000	1400	1850	3500	3900	1650	2500	5000	2900	2300	1000
MK-2, 4 MK-2, 4 MK-5, 6	MK-57 23 1/30 206-S MK-57 23 1/30 222-SF-230-SF MK-63 26/28 210-S-231-SF	}3200 to 3240	210 210	930 970	1450 1550	2800 2950	1950 2050	2500 2750	4900 5300	5400 5800						
F-1 F-4, 5 F-5 F-6	F-63 274/32 273-S F-63 294/32 306/B-61-SF F-63 294/32 306/B-62-SF F-63 294/32 314/B-61-SF	3600 to 3652	200 200	1150 1250	1800 2000	3300 3950	2450 2600	3200 3650	6100 6950	6700 7650	2800 3200	4300 4900	8000 8000	4950 5650	4850	2150
AC-1, 2, 3 AC-4 AC-5 AC-6	AC-57 22-22 441-SF AC-63 24-24 475-SF AC-63 24-24 483-SF AC-63 24-24 517-SF	4000 to 4048. 4100 to 4109. 4110 to 4125. 4126 to 4150.	210 235 250	1600 2100 2250	2500 3250 3500	4750 6200 6600	3350 4350 4650	4450 5800 6200	8000 8000 8000	8000 8000 8000	4000 5200 5550	5900 7700 8000	8000 8000 8000	6800 8000 8000	5550	2500
MM-2	MM-63 25-38 320-SF	4200 to 4211	200	1200	1900	3600	2550	3400	6450	7100	3050	4500	8000	5250		
AM-2	AM-63 22-22 320-SF	4200 to 4211	210	1500	2300	4350	3050	4050	7650	8000	3650	5400	8000	6200		
MT-1,3,4,5	MT-73 28/30 246/B-60-SF	4300 to 4376	210	1000	1650	3350	2300	2850	6200	6850	2500	3850	7800	4500		
GS-1	GS-73 27/30 262/B-104-SF	4400 to 4409	250		1750	3550		3000	6450	7100	2700	4050	8000	4800		
SP-1 SP-2, 3	SP-63 28-52 316/B-60-SF SP-63 28-52 317/B-61-SF	5000 to 5015	225	1450	2300	4750	3150	4300	8000		3650	5400	8000	6250	5550	2450
Allowanc	e for Empty and Underloade	ed Cars Less than 40 M's 40 M's to 50 M's More than 50 M's	::	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	6 3 0	6 3 0	3 0 0	3 0 0	6 3 0	6 3 0	6 3 0	3 0 0

TRAINMASTERS

J. LORD	SACRAMENTO, CAL.	H. A. SPRAGUE	
C. C. FISHER	SACRAMENTO, CAL.	J. J. SULLIVAN	DUNSMUIR, CAL.
M. L. JENNINGS	Roseville, Cal.	J. W. CORBETT, Assistant Train	masterALTURAS, 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 Dispetcher SACRAMENTO CAL	

		ROAD	FOREMEN	OF	ENGINES
F	E.	KEENAN			SACRAMENTO, CAL.
V	V. C	DAVIS			DUNSMITTE CAL.

W	C	HOOSON	Quantamarmo.	Cir

E. F. NASSOIY, Assistant Superintendent

AVERAGE TARE WEIGHTS OF PASSENGER TRAIN CARS

CLASS	All Steel	Steel Underframe	Wood	
Baggage 60 ft	93,070			
-66 ft	127,610			
70 ft	122,620			
-70 ft	125,800			
-(Dynamo)	98,730			
		87,120	81,120	
Baggage & Mail—60 ft	103,620			
" —69 ft	124,760			
70 ft	129,140			
n		103,590	99,200	
Baggage & Passenger	108,675	112,640	76,320	
Baggage & Passenger Express Refr.—N. P. Ry —G. N. Ry		74,000	60,000	
-G. N. Ry		70,000	70,000	
—A. R. E. No. 40–154 155–224		78,000 89,000		
- 155-224		110,000		
		85,000		
-P. F. E. 500-799		83,000		
Tea & Silk			48,180	
Express, Horse.	133,050	1::::::	81,033	
Postal	112,120	******	01,000	
Postal Storage 40 ft	74,530	0		
Postal Storage—40 ft	105,120	******		
Club	146.210	122,300		
Official	146,210 170,700	155,370	109,370	
Chair—60 ft	100,620	200,010	84,740	
" —74 ft	163,900			
Coaches 60 ft	98,130			
" —70 ft	137,640			
-72 ft	139,660			
-73 ft. -72 ft. (Interurban)	148,040			
-72 ft. (Interurban)	120,000			
			81,210	
All-Day Lunch—Chair	105,970	******		
- Coach	103,875			
Cafe Coach.		138,600		
Diner—70 ft	A.W.LL	135,930	131,040	
-72 ft	155,330	146,930	134,530	
-77 ft. (Arch Type Roof)	156,000	******		
-72 ft. (Arch Type Roof)	161,520	165,530		
-/9 It	169,100	******		
—80 ft	175,200	101 000		
Cafe Parlor	148,950	161,200		
Lounge. Observation—75 ft.	173,000			
73 ft	154,400 173,300			
-77 ft	170,000	141,870	121,300	
Pullman—Observation	164,600	153,000		
-Observation Lounge	171 200			
-Lounge.	171,200 168,700			
-Parlor	155,600	147,500		
-ParlorBedroom Car.	167,600	221,000		
-Standard Sleeper	164,600	144,000		
-Tourist	140,600	133,000		
-Tourist. Rail Car—Gas-Electric, 400 H. P.	158,400	200,000		
-Gas-Electric, 600 H. P	167,200			
-McKeen-55 ft	64,140			
* -70 ft	71,530			
Observation (Open Top)			62,000	
		And the second s		

MILEAGE Main Lines

End Western Division to SacramentoS. P. R. R Sacramento to Lawton	147 73	
At Elvas	.31	
Polk to Elvas	4.63	
Davis to TehamaS. P. R. R.	109 .71 105 .92	
Roseville to Gerber. C. P. Ry. Gerber to California-Oregon State Line. C. P. Ry	191.60	
California-Oregon State Line to AshlandS. P. Co	27.61 187.87	
Black Butte to Odell Lake		
(C. P. Ry 95.41	97.72	
Total Main Lines.		873

Branche

Colusa S. P. R. R. Harrington to Wyo. Dantoni C. P. Ry Dantoni Jet. to Dantoni. Fair Oaks S. P. R. R. Citrus to Fair Oaks.	71.66 4.46 2.14
Fruto. S. P. R. R. Willows to Fruto. Knights Landing. S. P. R. Woodland to West of Cunard. S. P. Co. West of Cunard to Grace. 1.20 S. P. R. Grace to Binney Junction. 26.23	17.20 37.14
Lake Tahoe. S. P. Co. Truckes to Lake Tahoe. Oroville. S. P. R. Binney Junction to Oroville. S. P. R. R. Sacramento K to N Streets. 25	14.73 25.26
S. P. R Sacramento Q Street to Brighton 4.94 C. P. Ry At Brighton 39 S. P. R. R Brighton to Placerville 55.87	61.45
River Farms. S. P. Co. Knights Landing Jct. to Boyer. Stirling City. C. P. Ry. Chico to Stirling City.	14.21 31.22
Sutter BasinS. P. Co Grace to Josephine	23.71
Walnut GroveC. P. RySacramento to IsletonLakeviewN-C-O Ry	33.23 56.16
Total Branches.	392
Total Sacramento Division	1265

