

TERMINAL SUPERINTENDENT

T. F. GOODWIN.....West Oakland

ASST. TERMINAL SUPERINTENDENTS

F. J. DIGNON.....West Oakland

M. A. JENSEN.....West Oakland

TRAINMASTERS

N. B. EDDLESTONE.....Oakland Pier

H. W. HALL.....Oakland Pier

A. G. McMANUS.....Suisun-Fairfield

L. W. MONEY.....Stockton

J. H. LONG.....Tracy

ASSISTANT TRAINMASTERS

J. L. HARRISON, JR.....West Oakland

J. F. SCHETTER.....Port Costa

P. J. MYERS.....Livermore

W. S. HOOSON.....Mulford

TERMINAL TRAINMASTERS

W. S. CHAMNEY.....West Oakland

Q. B. PAYNE.....Tracy

ROAD FOREMEN OF ENGINES

S. H. BRAY.....West Oakland

E. R. ALVORD.....Tracy

ASST. ROAD FOREMAN OF ENGINES

C. M. SCHULZE.....West Oakland

CHIEF TRAIN DISPATCHERS

J. B. WATTS.....Oakland Pier

M. T. ROUSE.....Stockton

W. E. EASTMAN

Assistant Superintendent, Oakland Pier

W. H. FERGUSON

Assistant Superintendent, Stockton

A. J. FERRARA

Supervisor Marine and Ferry
Station Operations, Oakland Pier

SOUTHERN PACIFIC COMPANY



WESTERN DIVISION

TIMETABLE

249

EFFECTIVE SUNDAY, AUGUST 13, 1950

AT 12:01 A. M.

PACIFIC STANDARD TIME

FOR THE GOVERNMENT AND INFORMATION
OF EMPLOYEES ONLY, WHO MUST ALSO
CARRY COPY OF CURRENT ISSUE
OF SPECIAL INSTRUCTIONS

R. E. HALLAWELL,
General Manager.

E. D. MOODY,
H. R. HUGHES,
Assistant General Managers.

C. H. GRANT,
General Superintendent of Transportation.

M. S. OLSEN,
Superintendent of Transportation.

A. S. McCANN,
Superintendent.

HOSPITAL DEPARTMENT SURGEONS

LOCATION	NAME	TITLE	LOCATION	NAME	TITLE
San Francisco	Dr. W. W. Washburn	Chief Surgeon	Roseville	Dr. L. E. Jones	District Physician and Surgeon
Oakland	Dr. Harry H. Appeldorn	District Physician and Surgeon	Roseville	Dr. J. F. McAnnally	Asst. Dist. Physician and Surgeon
Oakland	Dr. J. D. Young	District Physician and Surgeon	Tracy	Dr. J. E. Longley	District Physician and Surgeon
Oakland	Dr. Edmund H. Padden	Oculist	Tracy	Dr. H. K. Wilson	Asst. Dist. Physician and Surgeon
Oakland	Dr. H. W. Kahlmoos	Aurist	Stockton	Dr. H. T. Quinn	District Physician and Surgeon
East Oakland	Dr. E. C. Bourdon	District Physician and Surgeon	Stockton	Dr. E. G. Hermosillo	Asst. Dist. Physician and Surgeon
West Oakland	Dr. D. W. Stomberg	District Physician and Surgeon	Stockton	Dr. Eric Rosenberg	Asst. Dist. Physician and Surgeon
West Oakland	Dr. J. M. Gates	District Physician and Surgeon	Stockton	Dr. D. R. Powell	Oculist and Aurist
North Oakland	Dr. Joseph Cieri	District Physician and Surgeon	Stockton	Dr. J. R. Powell	Asst. Oculist
Fruitvale	Dr. C. F. Hawkins	District Physician and Surgeon	Lodi	Dr. L. J. Peterson	District Physician and Surgeon
Fruitvale	Dr. L. E. Lacey	District Physician and Surgeon	Lodi	Dr. C. V. Thompson	District Physician and Surgeon
Fruitvale	Dr. G. W. Dygert	District Physician and Surgeon	Galt	Dr. V. E. Greer, Jr.	District Physician and Surgeon
Fruitvale	Dr. O. T. Leitwich	Oculist and Aurist	Ione	Dr. L. B. Gallagher	Emergency Surgeon
Fruitvale	Dr. H. P. Howell	Asst. Oculist and Aurist	Elk Grove	Dr. Paul W. Frame	District Physician and Surgeon
Elmhurst	Dr. Theo. R. Stepman	District Physician and Surgeon	Oakdale	Dr. E. E. Chouret	District Physician and Surgeon
Berkeley	Dr. J. R. Masterson	District Physician and Surgeon	Manteca	Dr. Curtis M. Galt	Emergency Surgeon
Berkeley	Dr. C. E. Hass	Oculist	Manteca	Dr. K. Wm. Hidy	Emergency Physician and Surgeon
Berkeley	Dr. R. J. Oakes	District Physician and Surgeon	Modesto	Dr. Fred R. DeLappe	District Physician and Surgeon
Berkeley	Dr. H. J. Mankin	Asst. Dist. Physician and Surgeon	Modesto	Dr. H. R. Wilson	District Physician and Surgeon
Albany	Dr. Douglas Ream	District Physician and Surgeon	Modesto	Dr. G. M. DeLappe	District Physician and Surgeon
Richmond	Dr. N. C. Kern	District Physician and Surgeon	Modesto	Dr. J. K. Morris	Oculist and Aurist
Richmond	Dr. W. E. Cunningham	District Physician and Surgeon	Turlock	Dr. M. C. Collins	District Physician and Surgeon
Alameda	Dr. A. L. Guerra	District Physician and Surgeon	Livingston	Dr. V. S. Todd	Emergency Surgeon
Alameda	Dr. W. C. Babcock	District Physician and Surgeon	Atwater	Dr. R. C. Montgomery	District Physician and Surgeon
San Leandro	Drs. Rudnick & Kessler	District Physicians and Surgeons	Merced	Dr. E. R. Fountain	District Physician and Surgeon
San Leandro	Dr. Theo. R. Stepman	District Physician and Surgeon	Merced	Dr. Edward A. Jackson	District Physician and Surgeon
Hayward	Dr. Charles C. Impey	District Physician and Surgeon	Merced	Dr. W. E. Fountain	Asst. Dist. Physician and Surgeon
Rodeo	Dr. J. C. McCullough	District Physician and Surgeon	Chowchilla	Dr. Herbert O. Luff	Emergency Surgeon
Crockett	Dr. Samuel Eldridge	District Physician and Surgeon	Chowchilla	Dr. A. B. Bigler	Emergency Surgeon
Vallejo	Dr. Burton F. Jones	District Physician and Surgeon	Madera	Dr. Thomas Klein	Emergency Surgeon
Vallejo	Dr. A. J. Ryan	District Physician and Surgeon	Fresno	Dr. F. E. Cooley	District Physician and Surgeon
Napa	Dr. D. H. Murray	District Physician and Surgeon	Fresno	Dr. W. E. Furze	Asst. Dist. Physician and Surgeon
St. Helena	Dr. M. M. Booth	District Physician and Surgeon	Fresno	Dr. O. B. Doyle	Asst. Dist. Physician and Surgeon
Calistoga	Dr. Frank McGreane	District Physician and Surgeon	Fresno	Dr. H. Awtrye	Oculist and Aurist
Santa Rosa	Dr. Paul T. Quarry	District Physician and Surgeon	Fresno	Dr. W. J. Smith	Oculist and Aurist
Santa Rosa	Dr. E. T. Noall	District Physician and Surgeon	Fresno	Dr. Marvin W. Simmons	Aurist
Santa Rosa	Dr. A. M. Bowles	Asst. Dist. Physician and Surgeon	Fresno	Dr. L. G. Price	Oculist
Santa Rosa	Dr. J. Leslie Spears	Oculist and Aurist	Patterson	Dr. E. G. Allen	District Physician and Surgeon
Benicia	Dr. A. C. Atwood	District Physician and Surgeon	Crows Landing	Dr. E. G. Allen	District Physician and Surgeon
Benicia	Dr. B. T. Sanford	Asst. Dist. Physician and Surgeon	Newman	Dr. A. M. Roscoe	District Physician and Surgeon
Martinez	Dr. Edwin Merrithew	District Physician and Surgeon	Newman	Dr. James E. Thompson	Asst. Dist. Physician and Surgeon
Martinez	Dr. G. L. Coates	Asst. Dist. Physician and Surgeon	Gustine	Dr. A. W. Gustafson	Emergency Surgeon
Concord	Dr. Robert Martin	District Physician and Surgeon	Los Banos	Dr. L. R. Hillyer	District Physician and Surgeon
Walnut Creek	Dr. M. C. Bolender	Emergency Surgeon	Dos Palos	Dr. W. H. Curry	District Physician and Surgeon
Danville	Dr. John Blemer	Emergency Surgeon	Firebaugh-Mendota	Dr. L. Rowe	Emergency Surgeon
Pittsburg	Dr. Claude L. Kerns	Emergency Surgeon	Kerman	Dr. A. Chaffin	District Physician and Surgeon
Antioch	Dr. Paul E. Gaver	District Physician and Surgeon	Niles	Dr. E. C. Grau	District Physician and Surgeon
Suisun-Fairfield	Dr. Felix R. Rossi, Jr.	District Physician and Surgeon	Pleasanton	Dr. Harold J. Shanks	District Physician and Surgeon
Suisun-Fairfield	Dr. W. J. Olson	Asst. Dist. Physician and Surgeon	Livermore	Dr. Paul Dolan	District Physician and Surgeon
Vacaville	Dr. M. P. Stansbury	District Physician and Surgeon	Centerville	Dr. G. J. Romito	District Physician and Surgeon
Winters	Dr. H. G. Potter	District Physician and Surgeon	Irvington	Dr. E. M. Grimmer	Emergency Surgeon
Esparto	Dr. H. H. Johnson	Emergency Physician and Surgeon	San Jose	Dr. D. R. Threlfall	District Physician and Surgeon
Dixon	Dr. O. P. Floreth	District Physician and Surgeon	San Jose	Dr. R. N. Olson	Asst. Dist. Physician and Surgeon
Davis	Dr. Leo A. Cronan	Emergency Surgeon	San Jose	Dr. J. M. Hohl	Asst. Dist. Physician and Surgeon
Davis	Dr. Charles L. McKinney	Emergency Surgeon	San Jose	Dr. P. T. Pace	Aurist
Davis	Dr. T. Y. Cooper	Emergency Surgeon	San Jose	Dr. Phillips Thygeson	Oculist
Sacramento	Dr. W. W. Cress	Division Surgeon	San Jose	Dr. Crowell Beard	Oculist
Sacramento	Dr. A. F. Wallace	Division Surgeon			
Sacramento	Dr. Manuel L. Azevedo	District Physician and Surgeon			
Sacramento	Dr. W. N. Becker	District Physician and Surgeon			
Sacramento	Dr. R. P. Jones	District Physician and Surgeon			
Sacramento	Dr. J. Roy Jones	Oculist and Aurist			

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.

HOSPITALS

GENERAL HOSPITAL.....	SAN FRANCISCO
EMERGENCY HOSPITAL.....	SACRAMENTO
EMERGENCY HOSPITAL.....	WEST OAKLAND

WATCH INSPECTORS

C. D. Fabrin, Manager of Time Service.....	65 Market St., San Francisco
San Francisco	E. J. Land, 745 Third St.
Oakland	E. W. Becker, 3357 E. 14th St.
Oakland	L. D. Wertz, 1624 Franklin St.
Oakland	L. D. Wertz, 3210 Grand Ave.
Oakland	Morgan A. Chivers, 7427 MacArthur Blvd.
Oakland	Don J. Alphin, 5836 Foothill Blvd.
Oakland	E. D. Stuecki, 4844 E. 14th St.
Alameda	A. O. Gott
Berkeley	Service & Post, 2179 Shattuck Ave.
Berkeley	S. R. Hickman, 1587 Solano Ave.
Richmond	O. A. Poulsen, 1317 McDonald Ave.
Stockton	C. Mantele, 129 N. Sutter St.
Lodi	Donnell Gupta, 22 S. School St.
Benicia	Curt S. Appe
Vallejo	Frank Lovegod, 617 Marin St.
Fairfield	C. L. Pagar
Crockett	A. Ghioldi
Calistoga	W. A. Stone
Sacramento	H. T. Harger, 1028 K St.
Roseville	W. F. Sugden
Martinez	John G. Beard
Pittsburg	Messrs. H. A. Minasian & H. A. Clark
Tracy	L. H. Jolley
Livermore	C. Harlie Power
Walnut Creek	Kirkeby and Bitnes, 1346 Main St.
San Jose	Kochers, 160 So. First St.
Newman	Ernest Beall
Los Banos	Frank Borelli
Fresno	M. M. Haney, 2015 Fresno St.
Madera	N. H. Wariner
Merced	Chas. N. Watry, 511 17th St.
Modesto	W. P. Shoemaker
Turlock	D. F. Hall

LOCATION OF STANDARD CLOCKS

Oakland Pier.....	Train-Order Office
Oakland Pier.....	Trick Dispatcher's Office
West Oakland.....	Train-Order Office
West Oakland.....	Crew Dispatcher's Office Roundhouse
West Oakland.....	Desert Yard Office
East Oakland.....	Yard Office
Emeryville.....	Yard Office
Richmond.....	Richmond Transfer
Port Costa.....	Train-Order Office
Suisun-Fairfield.....	Train-Order Office
Suisun-Fairfield.....	Roundhouse
Davis.....	Train-Order Office
Calistoga.....	Train-Order Office
Sacramento.....	Train-Order Office
Sacramento.....	Trick Dispatcher's Office
Sacramento.....	Train Crew Dispatcher's Office
Sacramento.....	Crew Dispatcher's Office Roundhouse
Port Chicago.....	Train-Order Office
Tracy.....	Train-Order Office
Tracy.....	Crew Dispatcher's Office Roundhouse
Stockton.....	Train-Order Office
Stockton.....	Chief Dispatcher's Office
Stockton.....	Trick Dispatcher's Office (2)
Stockton.....	Roundhouse
Lodi.....	Train-Order Office
Los Banos.....	Train-Order Office
Modesto.....	Train-Order Office
Merced.....	Train-Order Office
Fresno Yard.....	Train-Order Office
Fresno Yard.....	Enginemen's Locker Room
Fresno.....	Train-Order Office
Fresno.....	Roundhouse
Niles.....	Train-Order Office
Livermore.....	Train-Order Office

MARTINEZ SUBDIVISION

EASTWARD

FIRST CLASS

Capacity of sidings	FIRST CLASS									Mile Post Location	Timetable No. 249 August 13, 1950	Distance from Oakland Pier	
	102 Streamliner City of San Francisco	248 El Dorado	244 Statesman	246 Statesman (c)	28 San Francisco Overland	56 Passenger (c)	10 Shasta Daylight	52 San Joaquin Daylight	224 Senator				
	Leave Daily	Leave Daily	Leave Sunday and Holidays	Leave Daily Ex. Sunday and Holidays	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		STATIONS		
	PM 5.00 5.20	PM 4.30 4.50	PM 2.30 2.50	PM 2.00 2.20	AM 11.00 11.20	AM 9.00 9.20	AM 7.45 8.05	AM 6.45 7.05	AM 6.20 6.40			SAN FRANCISCO 3.5	
	PM 5.25	PM 4.57	PM 2.55	PM 2.30	AM 11.30	AM 9.30	AM 8.15	AM 7.10	AM 6.47	3.5	OAKLAND PIER	0.0	
Oakland yard	BKWIP									(4.9) 4.5			
	BKWOITYP												
	IP	s 5.32	s 5.04	s 3.02	s 2.38	s 11.38	s 9.38	s 8.23	s 7.16	s 6.53	5.5	(TO-R) WEST OAKLAND 2.0	(1.4)
	IP										7.0	OAKLAND (16th Street) 1.5	2.0
	P	s 5.39	s 5.12	s 3.10	s 2.46	s 11.47	s 9.47	s 8.30	s 7.23	s 7.00	9.2	(TO-R) SHELLMOUND 2.2	3.0
Port Costa yard	P	5.47	5.20	s 3.20	s 2.56	AM 11.56	s 9.58	8.38	s 7.32	f 7.08	15.0	BERKELEY 5.8	5.7
	WP										16.6	RICHMOND 1.6	11.5
	E 105 W 95	P 5.55	5.30	f 3.31	s 3.08	PM 12.06	f 10.10	8.46	7.42	7.17	23.0	SAN PABLO 6.4	13.1
	P	6.03	s 5.40	s 3.42	s 3.23	s 12.16	s 10.31	8.54	s 7.53	s 7.28	28.9 29.0	(TO) PINOLE 5.9	1.0
	BKWOTP			f 3.46	s 3.28		s 10.36				31.1	CROCKETT 2.1	25.4
	M 116	P									33.1	(R) PORT COSTA 2.0	27.5
	WIP	6.12	s 5.50	s 3.54	s 3.38	c 12.27	s 10.42 AM	s 9.05	s 8.03 AM	s 7.38	34.7 31.7	(TO) OZOL 1.6	29.5
	M 118	P	6.21	5.58	4.03	3.47	12.35		9.13	7.46	38.0	(TO) MARTINEZ 6.3	31.1
	E 83 W 87	Suisun yard BKWOYP	6.31	s 6.10	s 4.18	s 4.08	12.45		9.22	s 8.00	48.9	(TO-R) SUISUN-FAIRFIELD 10.9	48.3
	M 88	WYP	6.40	6.21	f 4.29	s 4.19	12.55			8.10	59.4	ELMIRA 10.5	58.8
Sacramento yard	M 74	WP	6.47	6.28	f 4.38	s 4.33	1.03		9.36	c 8.17	67.5	8.1	66.9
	E 80 W 81	Yard Limits KWIYP	6.55	s 6.40	s 4.53	s 4.53	1.13		s 9.49 AM	s 8.30	75.6	(TO-R) DIXON 8.1	75.0
	M 96	P	7.00	6.46	5.00	5.00	1.19			8.36	80.4	(TO-R) DAVIS 4.8	79.8
	IP										86.9	WEBSTER 6.5	86.3
	BKWOTIP	s 7.15 PM	s 7.00 PM	s 5.15 PM	s 5.15 PM	s 1.35 PM				s 8.50 AM	89.0	(TO-R) SNRy Crossing 2.1	88.4
	Arrive Daily	Arrive Daily	Arrive Sunday and Holidays	Arrive Daily Ex. Sunday and Holidays	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(88.4)		
	(1.50) 48.21	(2.03) 43.12	(2.20) 37.88	(2.45) 32.18	(2.05) 42.43	(1.12) 25.92	(1.34) 47.87	(0.53) 35.21	(2.03) 43.12				

RULE 5. Schedule time and train-order time at stations between Oakland Pier and Sacramento apply at station sign.

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 9, 10, 11, 12, 101 and 102 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

Second and third-class trains, extra trains and engines must be clear of main track and insulated joints at passing points for Nos. 27 and 28.

RULE 93. First-class trains enter and leave Oakland Pier passenger station on yard tracks within Oakland Pier interlocking.

First-class trains enter and leave Sacramento passenger station on yard tracks between Sacramento River bridge and Sixth St.

Automatic train control eastward track from Martinez to westward dwarf signal 300 ft. east of draw span.

When Signal 328 displays yellow aspect, trains must not exceed 15 MPH from this signal to track magnet located 550 feet west of semi-automatic signal, opposite white concrete marker block.

MARTINEZ SUBDIVISION

Mile Post Location		Distance from Sacramento		WESTWARD										
				FIRST CLASS										
				21 Mail	23 Gold Coast	57 Owl	247 El Dorado	11 Cascade	101 Streamliner City of San Francisco	229 Governor (c)	243 Governor	55 Passenger (c)	27 San Francisco Overland	51 San Joaquin Daylight
Timetable No. 249 August 13, 1950				Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday and Holidays	Arrive Sunday and Holidays	Arrive Daily	Arrive Daily	Arrive Daily
STATIONS														
SAN FRANCISCO 3.5		92.0		AM 5.50	AM 7.35	AM 8.15	AM 8.50	AM 9.15	AM 9.15	PM 2.20	PM 2.20	PM 5.50	PM 6.55	PM 6.55
OAKLAND PIER		88.5		5.30	7.15	7.55	8.30	8.55	8.55	2.00	2.00	5.30	6.35	6.35
3.5		88.5		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM
A.E.S. (TO-R OAKLAND PIER 2.0)		(87.5)		s 5.00	s 6.55	s 7.45	s 8.23	s 8.37	s 8.45	s 1.50	s 1.50	s 5.20	s 6.15	s 6.25
(4.9) (TO-R WEST OAKLAND)														
4.5														
5.5		86.5		s 4.50	s 6.47	s 7.35	s 8.15	s 8.27	s 8.37	s 1.42	s 1.42	s 5.12	s 6.07	s 6.17
OAKLAND (16th Street) 1.5														
7.0		85.0												
TO-R SHELLMOUND 2.2														
9.2		82.8		s 4.30	s 6.36	s 7.18	s 8.04	s 8.15	s 8.25	s 1.30	s 1.32	s 5.00	s 5.55	s 6.07
BERKELEY 5.8														
15.0		77.0		s 4.10	s 6.23	s 7.04	7.53	c 8.03	8.13	s 1.17	s 1.21	s 4.46	s 5.42	s 5.56
RICHMOND 1.6														
16.6		75.4												
TO SAN PABLO 6.4														
3.0		69.0		3.51	6.09	6.50	7.42	7.52	8.04	s 1.03	1.08	f 4.30	5.29	5.44
Automatic Train Control TO PINOLE 5.9														
28.9		63.1		s 3.41	s 5.59	s 6.40	7.33	c 7.43	c 7.56	s 12.52	s 12.59	s 4.12	s 5.19	s 5.35
29.0														
31.1		61.0					s 7.30			s 12.43	f 12.54	s 4.01		
R PORT COSTA 2.0														
33.1		59.0												
OZOL 1.6														
34.7		57.4		3.26	s 5.44	6.25 AM	s 7.24	s 7.33	7.48	s 12.37	s 12.48	3.55 PM	5.07	5.23 PM
31.7														
38.0		51.0		3.17	5.33		7.14	7.25	7.40	12.26	12.38		4.59	
BAHIA 10.9														
48.9		40.1		s 3.06	c 5.22		s 7.03	c 7.16	7.31	s 12.15 PM	s 12.27		4.49	
Automatic Block System TO-R SUISUN-FAIRFIELD 10.5														
59.4		29.6		2.53	5.10		6.52	7.07	7.23	s 11.59 AM	f 12.14		4.40	
ELMIRA 8.1														
67.5		21.5		2.45	c 5.01		6.45	7.00	7.16	s 11.51	f 12.06 PM		4.33	
DIXON 8.1														
75.6		13.4		f 2.36	c 4.51		s 6.36	6.52 AM	7.09	s 11.40	s 11.57 AM		4.25	
TO-R DAVIS 4.8														
80.4		8.6		2.30	4.45		6.30		7.05	11.30	11.50		4.20	
WEBSTER 6.5														
86.9		2.1												
Automatic Block System SNRy Crossing 2.1														
89.0		0.0		2.20 AM	4.35 AM		6.20 AM		6.55 AM	11.20 AM	11.40 AM		4.10 PM	
TO-R SACRAMENTO										Leave Daily Ex. Sunday and Holidays	Leave Sunday and Holidays	Leave Daily	Leave Daily	Leave Daily
(88.5)				Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			Leave Daily	Leave Daily	Leave Daily
.....Time over District.....				(2.40)	(2.20)	(1.20)	(2.03)	(1.45)	(1.50)	(2.30)	(2.10)	(1.25)	(2.05)	(1.02)
.....Average Speed per Hour.....				33.15	37.87	23.32	43.17	42.91	48.20	35.45	40.84	21.83	42.48	30.01

RULE 5. Schedule time and train-order time at stations between Oakland Pier and Sacramento apply at station sign.

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 9, 10, 11, 12, 101 and 102 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

Second and third-class trains, extra trains and engines must be clear of main track and insulated joints at passing points for Nos. 27 and 28.

RULE 93. First-class trains enter and leave Oakland Pier passenger station on yard tracks within Oakland Pier interlocking.

First-class trains enter and leave Sacramento passenger station on yard tracks between Sacramento River bridge and Sixth St.

Automatic train control westward track from 100 ft. east of Signal 357 to Martinez.

When Signal 347 displays yellow aspect, trains must not exceed 15 MPH from this signal to track magnet located 1250 feet east of semi-automatic signal, opposite white mark on bridge.

MARTINEZ SUBDIVISION

EASTWARD

Capacity of sidings	THIRD CLASS		SECOND CLASS	FIRST CLASS						Mile Post Location	Timetable No. 249 August 13, 1950	Distance from Oakland Pier
	476	410	442	26	22	58	20	24	12			
	Freight	Freight	C. C. M.	Passenger (c)	Mail	Owl	Klamath	Gold Coast	Cascade			
	Leave Daily	Leave Daily	Lv. Daily Ex. Fri. Sat. Sun.	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
				PM 9.00 9.20	PM 9.00 9.20	PM 8.05 8.25	PM 7.30 7.50	PM 6.00 6.20	PM 5.00 5.20			
				PM 9.35	PM 9.30	PM 8.35	PM 8.00	PM 6.30	PM 5.30			
Oakland yard	BKWIP									3.5		
	BKWOITYP	PM 11.45	PM 10.15	PM 9.45						(4.9) 4.5		
	IP			s 9.45	s 9.39	s 8.45	s 8.09	s 6.39	s 5.38	5.5		0.0
	IP									7.0		(1.4)
	P			s 9.56	s 9.49	s 8.57	s 8.18	s 6.49	s 5.45	9.2		2.0
	P			s 10.10	s 10.01	s 9.10	s 8.30	s 6.59	c 5.53	15.0		1.5
	WP									16.6		2.2
Port Costa yard	E 105 W 95									23.0		1.6
	P									28.9 29.0		6.4
	BKWOTP			s 10.36	s 10.25	s 9.39	s 8.53	s 7.24	s 6.13	31.1		5.9
	M 116			s 10.41						33.1		2.1
	WIP	AM 1.30	11.30 PM	11.05	s 10.55	s 10.40	s 9.51 PM	s 9.08	s 7.38	s 6.27		2.0
	M 118									34.7 31.7		1.6
	E 83 Suisun Yard W 87 BKWOYP	2.15	PM 11.40	s 11.20	11.00		s 9.31	s 8.00	6.45	48.9		6.3
	M 88	WYP		s 11.34	11.10		c 9.42	8.11	6.53	59.4		10.9
	M 74	WP		PM 11.47	11.18		c 9.50	8.18	7.00	67.5		10.5
	E 80 Yard Limits W 81 KWIYP	3.30	AM 12.20	s 12.12	11.35		s 10.03 PM	s 8.32	s 7.14	75.6		8.1
	M 96	P		12.20	11.42			8.39		80.4		8.1
	IP									86.9		4.8
Sacramento yard	BKWOTIP	4.30 AM	12.45 AM	s 12.40 AM	s 11.59 PM			s 8.55 PM		89.0		6.5
	Arrive Daily	Arrive Daily	Ar. Daily Ex. Sat. Sun. Mon.	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			2.1
	(4.45) 18.71	(1.15) 25.21	(3.00) 29.17	(3.05) 28.67	(2.29) 35.53	(1.16) 24.55	(2.03) 36.58	(2.25) 36.57	(1.44) 43.26			88.4

STATIONS		Distance from Oakland Pier
SAN FRANCISCO 3.5		
OAKLAND PIER		
TO-R OAKLAND PIER		0.0
(TO-R WEST OAKLAND)		(1.4)
OAKLAND (16th Street)		2.0
TO-R SHELLMOUND		3.0
BERKELEY		5.7
RICHMOND		11.5
SAN PABLO		13.1
PINOLE		14.1
CROCKETT		25.4
PORT COSTA		27.5
OZOL		29.5
MARTINEZ		31.1
BAHIA		37.4
SUISUN-FAIRFIELD		48.3
ELMIRA		58.8
DIXON		66.9
DAVIS		75.0
WEBSTER		79.8
SNRY Crossing		86.3
SACRAMENTO		88.4
(88.4)		
Time over District.....		
Average Speed per Hour.....		

RULE 5. Schedule time and train-order time at stations between Oakland Pier and Sacramento apply at station sign.

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 9, 10, 11, 12, 101 and 102 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints at passing points for Nos. 27 and 28.

RULE 93. First-class trains enter and leave Oakland Pier passenger station on yard tracks within Oakland Pier interlocking.

First-class trains enter and leave Sacramento passenger station on yard tracks between Sacramento River bridge and Sixth St.

Automatic train control eastward track from Martinez to westward dwarf signal 300 ft. east of draw span.

When Signal 328 displays yellow aspect, trains must not exceed 15 MPH from this signal to track magnet located 550 feet west of semi-automatic signal, opposite white concrete marker block.

MARTINEZ SUBDIVISION

Mile Post Location	Timetable No. 249 August 13, 1950	Distance from Sacramento	WESTWARD						THIRD CLASS 475 Freight Arrive Daily
			FIRST CLASS						
			223 Senator Arrive Daily	19 Klamath Arrive Daily	241 Sierra (c) Arrive Daily Ex. Sunday and Holidays	245 Sierra Arrive Sunday and Holidays	9 Shasta Daylight Arrive Daily		
0.0	SAN FRANCISCO 3.5	92.0	PM 7.20	PM 9.20	PM 10.10	PM 10.10	PM 11.15		
3.5	OAKLAND PIER	88.5	7.00	9.00	9.50	9.50	10.55		
3.5	TO-R OAKLAND PIER 2.0	88.5	PM 6.52	PM 8.45	PM 9.35	PM 9.45	PM 10.45		
(4.9)	(TO-R WEST OAKLAND)	(87.5)						AM 1.30	
4.5	OAKLAND (16th Street) 1.5	86.5	s 6.44	s 8.35	s 9.25	s 9.35	s 10.35		
5.5	TO-R SHELLMOUND 2.2	85.0							
7.0	BERKELEY 5.8	82.8	s 6.34	s 8.24	s 9.08	s 9.25	s 10.26		
9.2	RICHMOND 1.6	77.0	c 6.23	s 8.11	s 8.50	s 9.13			
15.0	SAN PABLO 6.4	75.4							
16.6	TO PINOLE 8.9	69.0	6.11	7.57	8.34	9.00	10.06		
23.0	CROCKETT 2.1	63.1	c 6.01	s 7.47	s 8.20	s 8.49	9.58		
28.9	R PORT COSTA 2.0	61.0			s 8.06	s 8.42			
29.0	OZOL 1.6	59.0							
31.1	TO MARTINEZ 6.4	57.4	s 5.53	s 7.33	s 8.00	s 8.36	s 9.49	10.30 PM	
33.1	BAHIA 10.9	51.0	5.43	7.21	7.46	8.24			
34.7	TO-R SUISUN-FAIRFIELD 10.5	40.1	s 5.32	s 7.10	s 7.35	s 8.13	9.27	10.00	
31.7	ELMIRA 8.1	29.6	5.21	6.58	7.20	8.02	9.19		
38.0	DIXON 8.1	21.5	5.14	6.51	7.12	7.55			
48.9	TO-R DAVIS 4.8	13.4	s 5.06	6.42 PM	s 7.00	s 7.45	9.06 PM	9.15	
59.4	WEBSTER 6.5	8.6	5.00		6.40	7.25			
67.5	SNRy Crossing 2.1	2.1							
75.6	TO-R SACRAMENTO	0.0	4.50 PM		6.30 PM	7.15 PM		8.45 PM	
80.4	(88.5)		Leave Daily	Leave Daily	Leave Daily Ex. Sunday and Holidays	Leave Sunday and Holidays	Leave Daily	Leave Daily	
86.9	Time over District.....		(2.02)	(2.03)	(3.05)	(2.30)	(1.39)	(4.45)	
89.0	Average Speed per Hour.....		43.52	36.58	28.66	35.45	45.51	18.71	

RULE 5. Schedule time and train-order time at stations between Oakland Pier and Sacramento apply at station sign.

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 9, 10, 11, 12, 101 and 102 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

Second and third-class trains, extra trains and engines must be clear of main track and insulated joints at passing points for Nos. 27 and 28.

RULE 93. First-class trains enter and leave Oakland Pier passenger station on yard tracks within Oakland Pier interlocking.

First-class trains enter and leave Sacramento passenger station on yard tracks between Sacramento River bridge and Sixth St.

Automatic train control westward track from 100 ft. east of Signal 357 to Martinez.

When Signal 347 displays yellow aspect, trains must not exceed 15 MPH from this signal to track magnet located 1250 feet east of semi-automatic signal, opposite white mark on bridge.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Emeryville.....	6.6	P
Paraffine.....	7.4	..
Stockyards.....	7.8	P
Steger.....	13.1	P
Giant..... (Spur)	18.9	19 P
Sobrante..... (Spur)	19.8	45 P
Hercules.....	23.8	P
Rodeo..... (Spur)	25.5	22 P
Oleum.....	26.3	95 P
Tormey..... (Spur)	27.1	45 P
Selby..... (Spur)	27.5	61 P
Eckley.....	30.1	P
Nevada Dock.....	32.2	P
Army Point... (on spur)	33.8	P
Benicia..... (on spur)	32.4	P
Pierce.....	40.1	..
Cygnus.....	42.2	P
Teal.....	43.2	..
Jacksnipe.....	45.1	..
Tolenas..... (Spur)	51.9	71 P
Vanden.....	54.0	..
Cannon.....	55.4	117
Batavia..... (Spur)	64.2	14
Tremont..... (Spur)	71.8	47 P
Briggston.....	73.8	..
Chiles..... (Spur)	77.1	11
Swingle..... (Spur)	79.1	18
Mikon..... (Spur)	86.3	15
Washington.....	88.3	..

MARTINEZ SUBDIVISION

EASTWARD

Capacity of sidings		THIRD CLASS			FIRST CLASS			Mile Post Location	Timetable No. 249		Distance from Martinez	
				410			58		56	52		August 13, 1950
				Freight			Owl	Passenger	San Joaquin Daylight			
				Leave Daily			Leave Daily	Leave Daily	Leave Daily			
Port Costa yard	WIP		PM 11.30			PM 10.00	AM 10.50	AM 8.05	34.7	TO	MARTINEZ	0.0
	P		11.33			10.03	10.53	8.08	36.0		1.3 MOCOCO	1.3
	Yard Limits YP		11.36			10.06	s 10.57		38.1	TO-R	2.1 AVON	3.4
Yard Limits BKWYP			11.40			10.09	s 11.03	8.13	41.3	TO-R	3.2 PORT CHICAGO	6.6
	P		11.45			10.12	11.08	8.16	44.8		3.5 McAVOY	10.1
Y.Limits	86 WP		11.50			s 10.16	s 11.12	s 8.20	48.9	TO-R	4.1 PITTSBURG	14.2
	55 YP		11.55			10.25	11.25	8.24	50.8		1.9 LOS MEDANOS	16.1
	64 P		PM 11.59			10.28	s 11.32		53.5	TO	2.7 ANTIOCH	18.8
	78 P		AM 12.04			10.32	11.36		57.3		3.8 NEROLY	22.6
Yard Limits	52 WP		12.10			f 10.37	s 11.48	8.34	61.7	TO	4.4 BRENTWOOD	27.0
	82 P		12.17			10.43	s 11.59		66.9		5.2 BYRON	32.2
	46 P		12.23			10.48	PM 12.05		71.6		4.7 HERDLYN	36.9
	53 P		12.28			10.52	12.10		75.7		4.1 BETHANY	41.0
Tracy yard BKWOTYP	42 P		12.32			10.56	12.14	8.50	79.1		3.4 JANNEY	44.4
			AM 12.40			s 11.05	s 12.22	s 8.57	82.2	TO-R	3.1 TRACY	47.5
				Arrive Daily			Arrive Daily	Arrive Daily	Arrive Daily			
				(1.10) 40.71			(1.05) 43.84	(1.32) 30.97	(0.52) 54.87			

RULE 5. Schedule time and train-order time at Mococo apply at end of double track.

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 51 and 52 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

Capacity of sidings		EASTWARD		Timetable No. 249		WESTWARD	
		Mile Post Location		August 13, 1950		Distance from Radum	
				San Ramon Branch			
				STATIONS			
Yard Limits	64 YP	38.1	TO-R	4.4	AVON	29.0	
	WP	42.5		4.4	CONCORD	25.0	
		45.8		3.3	LAS JUNTAS	22.0	
	P	48.2		2.4	WALNUT CREEK	19.6	
		54.8		6.6	DANVILLE	13.0	
27		57.7		2.9	SAN RAMON	10.1	
Yard Limits		63.6		5.9	DOUGHERTY	4.2	
		66.4		2.8	ASCO	1.4	
	IYP	67.8	TO	1.4	RADUM	0.0	
				(29.7)			

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
San Ramon Branch Galindo.....(Spur)	41.0	2
Hookston.....	45.1	17
Alamo.....	52.6	..

MARTINEZ SUBDIVISION

Mile Post Location		Timetable No. 249 August 13, 1950		Distance from Tracy		WESTWARD												
						FIRST CLASS												
						57 Owl	55 Passenger	51 San Joaquin Daylight										
STATIONS		Arrive Daily	Arrive Daily	Arrive Daily														
Automatic Train Control	34.7	TO	MARTINEZ 1.3	47.5	s	AM 6.20	s	PM 3.50	s	PM 5.16								
	36.0		MOCOCO 2.1	46.2														
	38.1	TO-R	AVON 3.2	44.1		6.12	s	3.42										
	41.3	TO-R	PORT CHICAGO 3.5	40.9		6.08	s	3.36		5.06								
	44.8		McAVOY 4.1	37.4		6.04		3.30										
	48.9	TO-R	PITTSBURG 1.9	33.3	s	5.59	s	3.12	s	4.58								
	51.8		LOS MEDANOS 2.7	31.4														
	53.5	TO	ANTIOCH 3.8	28.7		5.48	s	3.05		4.52								
	57.3		NEROLY 4.4	24.9				2.59										
	Automatic Block System	61.7	TO	BRENTWOOD 5.2	20.5	c	5.40	s	2.54		4.45							
69.9			BYRON 4.7	15.3		5.34	s	2.44										
71.6			HERDLYN 4.1	10.6		5.30		2.38										
75.7			BETHANY 3.4	6.5		5.26		2.34		4.33								
79.1			JANNEY 3.1	3.1		5.23		2.30										
82.2		TO-R	TRACY	0.0		5.18 AM		2.25 PM		4.26 PM								
		(47.5)				Leave Daily		Leave Daily		Leave Daily								
		Time over District.....				(1.02)		(1.25)		(0.50)								
		Average Speed per Hour.....				45.96		33.68		57.00								

RULE 5. Schedule time and train-order time at Mococo apply at end of double track.

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 51 and 52 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Nichols.....	43.0	61 P
Shell Point.....	46.8	48 P
Jersey..... (Spur)	55.0	22
Newlove..... (Spur)	56.0	24
Arbor..... (Spur)	59.4	13

MARTINEZ SUBDIVISION

EASTWARD				Mile Post Location	Timetable No. 249 August 13, 1950	Distance from Schellville	WESTWARD			
SECOND CLASS							THIRD CLASS			
Capacity of sidings	438	440	436				437	439	441	
	Freight	Freight	Freight				Freight	Freight	Freight	
	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday				
Suisun Yd.	101 BKWOYP	PM 12.01	AM 7.00	AM 12.01	50.5	TO-R SUISUN-FAIRFIELD	24.6	AM 4.00	PM 4.00	PM 5.00
	26				46.2	4.3 THOMASSON	20.3			
Yd Limits	39 WP	12.16	7.15	12.16	44.8	1.4 CORDELIA	18.9	3.45	3.45	4.45
	23 P	12.26	7.25	12.26	41.0	3.8 CRESTON	15.1	3.35	3.35	4.35
	35 WYP	1.00	7.40 AM	1.00	37.2	TO-R 3.8 NAPA JCT.	11.3	3.20	3.20	4.20 PM
	68	1.05		1.05	38.0	0.8 LOMBARD	10.5	2.55	2.55	
	IP				40.7	2.7 BRAZOS	7.8			
	Yard Limits Y	1.40 PM		1.40 AM	48.5	TO-R 7.8 SCHELLVILLE	0.0	2.20 AM	2.20 PM	
		Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily		(24.6)		Leave Daily	Leave Daily	Leave Daily Ex. Sunday
		(1.39) 14.84	(0.40) 19.95	(1.39) 14.84		.....Time over District.....		(1.40)	(1.40)	(0.40)
						.....Average Speed per Hour.....		14.70	14.70	19.95

EASTWARD		Timetable No. 249 August 13, 1950	WESTWARD	
Capacity of sidings	Mile Post Location		Distance from Callistoga	
Calistoga Branch				
STATIONS				
Yard Limits WYP	37.2	TO-R NAPA JCT.	34.5	
50 Yard Limits W	45.5	8.3 TO NAPA	26.2	
30	47.8	2.3 UNION	23.9	
	54.0	6.2 YOUNTVILLE	17.7	
21 Yard Limits KT	71.7	17.7 TO CALISTOGA	0.0	
(34.5)				

EASTWARD		Timetable No. 249 August 13, 1950	WESTWARD	
Capacity of sidings	Mile Post Location		Distance from Esparto	
Winters Branch				
STATIONS				
WYP	59.4 59.6	ELMIRA	30.3	
Yard Limits WT	63.7	4.1 TO VACAVILLE	26.2	
20 W	76.0	12.3 WINTERS	13.9	
	89.9	13.9 ESPARTO	0.0	
(30.3)				

EASTWARD		Timetable No. 249 August 13, 1950	WESTWARD	
Capacity of sidings	Mile Post Location		Distance from Vallejo	
Vallejo Branch				
STATIONS				
Yard Limits WYP	37.2	TO-R NAPA JCT.	7.1	
21	34.4	2.8 FLOSDEN	4.3	
Yard Limits WT	30.1	4.3 TO-R VALLEJO	0.0	
(7.1)				

EASTWARD		Timetable No. 249 August 13, 1950	WESTWARD	
Capacity of sidings	Mile Post Location		Distance from Union	
Union Branch				
STATIONS				
	48.8	WEST NAPA	2.0	
30	50.8 47.8	2.0 UNION	0.0	
(2.0)				

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Calistoga Branch		
Rocktram	42.8	21
Imola (Spur)	44.2	3
Oak Knoll (Spur)	50.2	3
Oakville	57.5	26
Rutherford	59.4	20
Thomann	62.1	40
St. Helena	63.6	22
Krug	64.5	6
Barro (Spur)	65.3	6
Bale (Spur)	67.5	5W
Larkmead	68.3	12
Maple	69.0	9W
Schellville Branch		
Subeet	47.9	9
Buchli	42.2	7
Ramal	45.7	..
Winters Branch		
Hartley	68.5	..
Norton	80.3	13
Arroz (Spur)	82.8	3
Citrona (Spur)	83.6	7
Madison (Spur)	86.8	31

LOS BANOS SUBDIVISION

EASTWARD					Mile Post Location	Automatic Block System	WESTWARD					
Capacity of sidings	SECOND CLASS			FIRST CLASS			Distance from Fresno	FIRST CLASS		THIRD CLASS		
	434	432	430	58				57		401	403	405
	Freight	Freight	Freight	Owl (c)				Owl (c)		Freight	Freight	Freight
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Arrive Daily		Arrive Daily	Arrive Daily	Arrive Daily			
						STATIONS						
Tracy yard	BKWOTYP	PM 3.40	AM 8.40	AM 1.40	PM 11.15	82.2	TO-R TRACY	126.2	AM 5.10	AM 5.40	PM 12.40	PM 7.40
	IP					84.9	2.7 LYOTH	123.5	4.59			
52	P	3.53	8.53	1.53	11.27	87.9	3.0 YARMOUTH	120.5	4.54	5.27	12.27	7.27
52	P	3.59	8.59	1.59	11.32	92.6	4.7 VERNALIS	115.8	4.49	5.21	12.21	7.21
43	P					96.4	3.8 HALLY	112.0				
3	WP	4.10	9.10	2.10	11.40	100.4	4.0 TO WESTLEY	108.0	4.39	5.10	12.10	7.10
52	P	4.19	9.19	2.19	11.48	107.4	7.0 TO PATTERSON	101.0	c 4.30	5.01	12.01 PM	7.01
50	P	4.28	9.28	2.28	11.55	113.2	5.8 CROWS LANDING	95.2	4.23	4.52	11.52 AM	6.52
47	P					117.3	4.1 TIMBA	91.1				
55	WP	4.38	9.38	2.38	12.03	119.5	2.2 TO NEWMAN	88.9	c 4.15	4.42	11.42	6.42
J	P	4.43	9.43	2.43	12.08	123.5	4.0 TO GUSTINE	84.9	c 4.09	4.37	11.37	6.37
67	P	4.51	9.51	2.51	12.15	129.3	5.8 INGOMAR	79.1	4.02	4.29	11.29	6.29
53	P	4.59	9.59	2.59	12.22	135.6	6.3 VOLTA	72.8	3.55	4.21	11.21	6.21
Yard Limits	BKWOYP	5.06	10.06	3.06	12.38	140.4	4.8 TO-R LOS BANOS	68.0	s 3.48	4.14	11.14	6.14
52	P	5.18	10.18	3.18	12.50	148.3	7.9 AGATHA	60.1	3.30	4.02	11.02	6.02
101	P	5.24	10.24	3.24	12.56	153.0	4.7 TO DOS PALOS	55.4	c 3.24	3.56	10.56	5.56
40	P	5.32	10.32	3.32	1.04	159.8	6.8 OXALIS	48.6	3.16	3.48	10.48	5.48
Yard Limits	WP	5.40	10.40	3.40	1.12	166.2	6.4 TO FIREBAUGH	42.2	c 3.09	3.40	10.40	5.40
43	P	5.46	10.46	3.46	1.18	170.8	4.6 CROMIR	37.6	3.03	3.34	10.34	5.34
Yard Limits	P	5.51	10.51	3.51	1.23	174.5	3.7 TO MENDOTA	33.9	c 2.58	3.29	10.29	5.29
39	P	6.00	11.00	4.00	1.32	181.9	7.4 R INGLE	26.5	2.49	3.20	10.20	5.20
44	P	6.04	11.04	4.04	1.35	184.5	2.6 JAMESAN	23.9	2.46	3.16	10.16	5.16
N 111 Yard Limits	WYP	6.15	11.15	4.15	1.45	193.0	8.5 TO-R KERMAN	15.4	c 2.37	3.05 AM	10.05 AM	5.05 PM
S 81						196.7	3.7 FLOYD	11.7				
Fresno yard	BKWOTYP				2.15 AM	208.4	11.7 TO-R FRESNO	0.0	2.15 AM			
		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(126.2)		Leave Daily	Leave Daily	Leave Daily	Leave Daily
		(2.35) 42.89	(2.35) 42.89	(2.35) 42.89	(3.00) 42.06				(2.55) 43.26	(2.35) 42.89	(2.35) 42.89	(2.35) 42.89
							.....Time over District.....					
							.....Average Speed per Hour.....					

RULE 5. Schedule time and train-order time for Biola line trains at Kerman apply to north siding, and for Pratton line trains to south siding.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Solyo.....	94.9	34 P
Linora..... (Spur)	126.9	41 P
Abatto..... (Spur)	141.6	9
Benito.....	169.0	25
Rollinda..... (Spur)	198.5	5 P
Pratton.....	202.5	20 P
Crayold..... (Spur)	205.3	14

LOS BANOS SUBDIVISION

EASTWARD				Mile Post Location	Timetable No. 249 August 13, 1950	Distance from Fresno Yard	WESTWARD							
SECOND CLASS			THIRD CLASS											
Capacity of sidings	434 Freight	432 Freight	430 Freight				401 Freight	403 Freight	405 Freight					
	Leave Daily	Leave Daily	Leave Daily		Arrive Daily	Arrive Daily	Arrive Daily							
N 111 S 81	Yard Limits WYP	PM 6.15	AM 11.15	AM 4.15	193.0	TO-R	KERMAN	18.2	AM 3.05	AM 10.05	PM 5.05			
	P	6.30	11.30	4.30	200.5	TO	BIOLA	10.7	2.50	9.50	4.50			
Fresno yard	IP	6.47	11.47	4.47	208.6 199.2		BIOLA JCT.	2.6	2.33	9.33	4.33			
	KP				200.2	TO-R	MUSCATEL	1.6						
	BKWP	6.55 PM	11.55 AM	4.55 AM	201.8	R	FRESNO YARD	0.0	2.25 AM	9.25 AM	4.25 PM			
		Arrive Daily	Arrive Daily	Arrive Daily			(18.2)		Leave Daily	Leave Daily	Leave Daily			
		(0.40) 27.30	(0.40) 27.30	(0.40) 27.30			.....Time over District.....		(0.40) 27.30	(0.40) 27.30	(0.40) 27.30			
							.....Average Speed per Hour.....							

RULE 5. Schedule time and train-order time for Biola line trains at Kerman apply to north siding, and for Pratton line trains to south siding.

Trains to and from Los Banos Subdivision via Biola Jct. use No. 1 drill track to enter or leave Fresno yard.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
West Acres..... (Spur)	206.0	4

LATHROP SUBDIVISION

EAST-WARD		↓	Timetable No. 249	WEST-WARD
Capacity of sidings		Mile Post Location	August 13, 1950	Distance from Montpellier
			Oakdale Branch	
STATIONS				
Stockton yard BKWOITYP	90.9	TO-R	STOCKTON	48.9
			12.9 PETERS	36.0
28 P	103.8		18.6 OAKDALE	17.4
50 Yard Limits WP	122.4	TO	10.0 WATERFORD	7.4
50 P	132.4		7.4 MONTPELLIER	0.0
	139.8			

EAST-WARD		↓	Timetable No. 249	WEST-WARD
Capacity of sidings		Mile Post Location	August 13, 1950	Distance from Kentucky House
			Lodi Branch	
STATIONS				
Yard Limits BKWOYP	103.3	TO-R	LODI	39.3
			1.9 ROMA	37.4
11	105.2		5.5 LOCKEFORD	31.9
33 P	110.7		19.5 VALLEY SPRING	12.4
7 Yard Limits P	130.2	TO	12.4 KENTUCKY HOUSE	0.0
Yard Limits YWP	142.6			

EAST-WARD		↓	Timetable No. 249	WEST-WARD
Capacity of sidings		Mile Post Location	August 13, 1950	Distance from Woodbridge
			Lodi Branch	
STATIONS				
BKWOYP	103.3	TO-R	LODI	2.5
			2.5 WOODBIDGE	0.0
Yd. Lmts.	105.8			

EAST-WARD		↓	Timetable No. 249	WEST-WARD
Capacity of sidings		Mile Post Location	August 13, 1950	Distance from Ione
			Ione Branch	
STATIONS				
Yard Limits WYP	111.7	TO-R	GALT	27.1
			5.0 CCTCo Crossing	22.1
Yard Limits WTP	138.8	TO	22.1 IONE	0.0

ADDITIONAL STATIONS			ADDITIONAL STATIONS		
NAME	Mile Post	Capacity	NAME	Mile Post	Capacity
Oakdale Branch			Lodi Branch		
Orford (Spur)	96.0	5	Victor	107.1	17 P
Walthall	98.3	17	Clements	114.7	10 P
Holden	100.6	..	Wallace	120.8	27 P
Farmington	108.2	13 P	Helisma	126.4	14
Gotri (Spur)	111.5	7	Toyon	134.7	11 P
Valley Home	116.7	15 P	Macnider	139.0	11 P
Adela (Spur)	120.6	18			
Claribel	126.3	46	Ione Branch		
Hickman	134.0	42 P	Clay	122.0	19
			Carbondale	132.3	38 P
			Edwin (Spur)	134.8	27
			Clarksona (Spur)	135.2	13
			Dagon (Spur)	137.7	14

MERCED SUBDIVISION

11

EAST-WARD		↓	Timetable No. 249	WEST-WARD
Capacity of sidings		Mile Post Location	August 13, 1950	Distance from Daulton
			Berenda Branch	
STATIONS				
70 WTP	176.5	TO	BERENDA	11.4
			3.3 KISMET TOWER	8.1
12	183.8		4.0 TALBOT	4.1
	187.9		4.1 DAULTON	0.0
			(11.4)	

EAST-WARD		↓	Timetable No. 249	WEST-WARD
Capacity of sidings		Mile Post Location	August 13, 1950	Distance from Dairyland
			Chowchilla Branch	
STATIONS				
Yd. Lmts. WYP	168.2	TO	CHOWCHILLA	10.1
			10.1 DAIRYLAND	0.0
	178.3			
			(10.1)	

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Chowchilla Branch		
Ash	172.6	7
Tillman	175.3	5
Plains (Spur)	177.2	5

LATHROP SUBDIVISION

EASTWARD

Capacity of sidings	THIRD CLASS			SECOND CLASS	FIRST CLASS				Mile Post Location	Distance from Tracy
	425	423	421	402	53	56	52	59		
	Freight	Freight	Freight	B. M.	Sacramento Daylight	Passenger (c)	San Joaquin Daylight	West Coast		
	Leave Daily	Leave Daily	Leave Daily	Lv. Daily Ex. Fri. Sat. Sun.	Leave Daily	Leave Daily	Leave Daily	Leave Daily		
Tracy yard BKWOTYP				PM 11.15		PM 3.30	PM 12.42	AM 9.01	70.8	
IP									78.3	
Yard Limits W79 WYIP	PM 7.55	PM 12.15	AM 4.10	11.30 PM	3.45 4.15	s 12.57 PM	s 9.12 AM	AM 5.35	81.5	
Stockton yard	I								87.7	
	BKWOITYP	8.15	12.35	4.30		s 4.40		s 5.50 6.08	90.9	
	IP								92.3	
	W								93.9	
	P								95.0	
125 P									96.6	
125 P									100.2	
Yard Limits 129 BKWOYP					s 5.00			s 6.29	103.3	
125 P								c	106.2	
126 P									109.5	
Yard Limits 175 WYP					s 5.15			c 6.42	111.7	
125 P									115.5	
128 P									119.5	
135 P						c			122.9	
125 P									125.7	
137 WP									129.0	
Sacramento yard	IP								132.0	
	138 WIP	9.15 PM	1.35 PM	5.30 AM		5.40 PM		7.15 AM	133.2	

Timetable No. 249
August 13, 1950

STATIONS

TO-R	TRACY	0.0
	7.5	
	San Joaquin River Draw'ge	7.5
	3.2	
R	LATHROP	10.7
	6.2	
	TSRy Crossing	16.9
	3.2	
TO-R	STOCKTON	20.1
	1.4	
	STOCKTON TOWER No. 4	21
	1.6	
	AKERS	23.1
	1.1	
	End of Double Track	24.2
	1.6	
	CASTLE	25.8
	3.6	
	ARMSTRONG	29.4
	3.1	
	LODI	32
	2.9	
	ACAMPO	35.4
	3.3	
	FOREST LAKE	38.7
	2.2	
	GALT	40.9
	3.8	
	NEED	44.7
	4.0	
	McCONNELL	48.7
	3.4	
	ELK GROVE	52.1
	2.8	
	MEADOWS	54.9
	3.3	
	FLORIN	58.2
	3.0	
	POLK	61.2
	1.2	
	BRIGHTON	62.4

Time at Sacramento for information only.
See Sacramento Division timetable for train movements between Sacramento and Brighton.

Arrive Daily	Arrive Daily	Arrive Daily	Ar. Daily Ex. Fri. Sat. Sun.	5.55 PM	7.30 AM	SACRAMENTO (62.4)
(1.20) 38.77	(1.20) 38.77	(1.20) 38.77	(0.15) 42.80	(2.10) 28.34	(0.15) 42.80	(0.11) 58.36
					(1.40) 31.02	

Trains operate by C.T.C. between Stockton Tower No. 4 and Polk but at stations where time is shown must not depart ahead of time.

LATHROP SUBDIVISION

Timetable No. 249
August 13, 1950

WESTWARD

Mile Post Location	STATIONS	Distance from Brighton	FIRST CLASS							THIRD CLASS				
			54	55	51	60				420	424	426		
			Sacramento Daylight (c)	Passenger (c)	San Joaquin Daylight	West Coast	Freight	Freight	Freight	Arrive Daily	Arrive Daily	Arrive Daily		
	ARRIVE DAILY		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			Arrive Daily	Arrive Daily	Arrive Daily			
70.8	TO-R TRACY 7.5	62.4	AM 9.50	PM 1.55	PM 4.21									
78.3	San Joaquin River Drawb'ge 3.2	54.9												
81.5	R LATHROP 6.2	51.7	9.35 9.00	1.40 PM	4.09 PM	PM 9.12		AM 5.50	PM 2.20	PM 10.20				
87.7	TSRy Crossing 3.2	45.5												
90.9	TO-R STOCKTON 1.4	42.3	s 8.45			s 8.57		5.30	2.00	10.00				
92.3	STOCKTON TOWER No. 4 1.6	40.9												
93.9	AKERS 1.1	39.3												
95.0	End of Double Track 1.6	38.2												
96.6	CASTLE 3.6	36.6												
100.2	ARMSTRONG 3.1	33.0												
101.3	LODI 2.9	29.9	s 8.14			s 8.31								
106.2	ACAMPO 3.3	27.0	c											
109.5	FOREST LAKE 2.2	23.7												
111.7	GALT 3.8	21.5	s 8.01			8.20								
115.5	NEED 4.0	17.7												
119.5	McCONNELL 3.4	13.7												
122.9	ELK GROVE 2.8	10.3												
125.7	MEADOWS 3.3	7.5												
129.0	FLORIN 3.0	4.2												
132.0	POLK 1.2	1.2												
133.2	BRIGHTON	0.0	7.35 AM			8.00 PM		4.30 AM	1.00 PM	9.00 PM				

Time at Sacramento for information only.
See Sacramento Division timetable for train movements between Sacramento and Brighton.

	SACRAMENTO		7.20 AM		7.45 PM				
	(62.4)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
Time over District.....			(2.15)	(0.15)	(0.12)	(1.12)	(1.20)	(1.20)	(1.20)
Average Speed per Hour.....			27.73	42.80	53.50	43.08	38.77	38.77	38.77

Trains operate by C.T.C. between Stockton Tower No. 4 and Polk but at stations where time is shown must not depart ahead of time.

No. 60 will not stop at station at Lathrop.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Banta.....	73.9	67 P
Winship..... (Spur)	76.8	9
French Camp.....	86.1	77 P
El Pinal.....	92.7	P
Tomspur..... (Spur)	98.1	6
Urgon..... (Spur)	105.1	31 P
Arno.....	117.5	16 P

MERCED SUBDIVISION

EASTWARD

Capacity of sidings	THIRD CLASS			SECOND CLASS	FIRST CLASS			Mile Post Location	Timetable No. 249 August 13, 1950	Distance from Lathrop
	426	424	420	402	60	56	52			
	Freight	Freight	Freight	B. M.	West Coast	Passenger	San Joaquin Daylight			
	Leave Daily	Leave Daily	Leave Daily	Lv. Daily Ex. Fri.Sat.Sun.	Leave Daily	Leave Daily	Leave Daily			
	PM 10.20	PM 2.20	AM 5.50	PM 11.30	PM 9.12	PM 1.00	AM 9.12	92.9		
Yd.Limits. { WYIP								93.8		
IP								96.8		
76 P	10.27	2.27	5.57	11.37	9.19	s 1.12	9.29	96.8	TO-R LATHROP	0.0
112 P	10.30	2.30	6.00	11.40	9.22	1.15		99.4	0.9 WPRR Crossing	0.9
79 P	10.35	2.35	6.05	11.45	9.26	s 1.22	c 9.35	103.3	3.0 MANTECA	3.9
79 P	10.39	2.39	6.09	PM 11.49	9.29	s 1.29	9.38	106.4	2.6 CALLA	6.5
E 98 Yard Limits W125 BKWOYP	10.48	2.48	6.18	AM 12.08	s 9.43	s 1.55	s 9.48	113.1	3.9 RIPON	10.4
IP								114.7	3.1 SALIDA	11.1
72 P	10.54	2.54	6.24	12.15	9.49	s 2.01	9.53	117.4	6.7 MODESTO	20.2
70 P	10.58	2.58	6.28	12.19	9.52	f 2.05	9.56	120.8	1.6 TSRY Crossing	21.8
82 Yard Limits P	11.06	3.06	6.36	12.27	s 10.02	s 2.17	s 10.04	126.2	2.7 CERES	24.5
91 P	11.13	3.13	6.43	12.34	10.08	c f 2.23	10.10	131.9	3.4 KEYES	27.9
80 WP	11.19	3.19	6.49	12.40	10.12	s 2.34	10.14	136.4	5.4 TURLOCK	31.3
72 P	11.27	3.27	6.57	12.48	10.18	c f 2.43	10.20	143.2	5.7 DELHI	39.0
125 P	11.32	3.32	7.02	12.53	10.22	2.59	10.24	147.4	4.5 LIVINGSTON	43.5
147 Yard Limits BKWOTP	11.37	3.37	7.07	1.10	s 10.35	s 3.30	s 10.31	150.5	6.8 ATWATER	50.3
71 P	11.46	3.46	7.16	1.20	10.43	f 3.38	10.38	156.6	4.2 FERGUS	54.5
76 P	PM 11.51	3.51	7.21	1.25	10.47	f 3.43	10.41	160.5	3.1 MERCED	57.6
78 P	AM 12.01	4.00	7.30	1.34	10.53	f 3.50	10.47	166.9	6.1 LINGARD	63.7
WYP					c 10.55	s 3.58		168.2	3.9 ATHLONE	67.6
92 P	12.10	4.10	7.40	1.43	11.00	f 4.04	10.53	173.0	6.4 MINTURN	74.0
70 WP	12.16	4.16	7.46	1.49	11.05	f 4.08	10.56	176.5	1.3 CHOWCHILLA	75.3
98 P	12.21	4.21	7.51	1.54	11.09	4.11	10.59	179.2	4.8 FAIRMEAD	80.1
139 Yard Limits P	12.29	4.29	7.59	2.01	s 11.22	s 4.24	s 11.07	183.9	3.5 BERENDA	83.6
77 P	12.38	4.38	8.08	2.10	11.30	4.33	11.14	190.2	2.7 NOTARB	86.3
78 P	12.45	4.45	8.15	2.17	11.36	f 4.40	11.19	195.6	4.7 MADERA	91.0
IP	12.50	4.50	8.20	2.22	11.40	4.45	11.22	199.2	6.3 IRRIGOSA	97.7
KP								200.2	5.4 HERNDON	102.1
BKWP	1.00 AM	5.00 PM	8.30 AM	2.30 AM	11.45	4.51	11.27	201.8	3.6 BIOLA JCT.	106.3
BKWOTYP					s 11.57 PM	s 5.05 PM	s 11.38 AM	205.5	1.0 MUSCATEL	107.3
	Arrive Daily	Arrive Daily	Arrive Daily	Ar. Daily Ex. Sat.Sun.Mon.	Arrive Daily	Arrive Daily	Arrive Daily		1.6 FRESNO YARD	108.9
	(2.40) 40.83	(2.40) 40.83	(2.40) 40.83	(3.00) 36.30	(2.45) 40.94	(4.05) 27.57	(2.26) 46.27		3.7 FRESNO	112.6
									(112.6)	
									Time over District.....	
									Average Speed per Hour.....	

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 51 and 52 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

MERCED SUBDIVISION

WESTWARD

Timetable No. 249

August 13, 1950

FIRST CLASS

THIRD CLASS

59 West Coast
55 Passenger
51 San Joaquin Daylight

421 Freight
423 Freight
425 Freight

Arrive Daily Arrive Daily Arrive Daily

Arrive Daily Arrive Daily Arrive Daily

Mile Post Location

Distance from Fresno

STATIONS

Mile Post Location	Distance from Fresno	59 West Coast	55 Passenger	51 San Joaquin Daylight	421 Freight	423 Freight	425 Freight
92.9 TO-R LATHROP 0.9	112.6	AM 5.35	PM 1.35	PM 4.05	AM 4.10	PM 12.15	PM 7.55
93.8 WPRR Crossing 3.0	111.7						
96.8 TO MANTECA 2.6	108.7	5.27	s 1.12	3.58	4.02	12.07	7.47
99.4 CALLA 3.9	106.1	5.23	1.09	3.55	3.58	12.03 PM	7.43
103.3 TO RIPON 3.1	102.2	5.19	s 1.05	3.51	3.53	11.58 AM	7.38
106.4 SALIDA 6.7	99.1	5.15	s 12.58	3.48	3.49	11.54	7.34
3.1 TO-R MODESTO 1.6	92.4	s 5.07	s 12.48	s 3.40	3.40	11.45	7.25
114.7 TSRY Crossing 2.7	90.8						
117.4 CERES 3.4	88.1	4.52	s 12.23	3.29	3.33	11.38	7.18
120.8 KEYES 5.4	84.7	4.49	f 12.19	3.26	3.29	11.34	7.14
3.2 TO TURLOCK 5.7	79.3	s 4.37	s 12.08	s 3.18	3.21	11.26	7.06
131.9 DELHI 4.5	73.6	4.32	f 12.03 PM	3.13	3.14	11.19	6.59
136.4 TO LIVINGSTON 6.8	69.1	4.28	s 11.55 AM	3.09	3.08	11.13	6.53
143.2 TO ATWATER 4.2	62.3	4.22	s 11.49	3.03	3.00	11.05	6.45
147.4 FERGUS 3.1	58.1	4.18	11.42	2.59	2.55	11.00	6.40
150.5 TO-R MERCED 6.1	55.0	s 4.13	s 11.38	s 2.55	2.50	10.55	6.35
156.6 LINGARD 3.9	48.9	4.01	11.22	2.47	2.41	10.46	6.26
160.5 ATHLONE 6.4	45.0	3.57	11.18	2.44	2.36	10.41	6.21
166.9 MINTURN 1.3	38.6	3.51	11.12	2.38	2.27	10.32	6.12
168.2 TO CHOWCHILLA 4.8	37.3	c 3.49	s 11.10				
173.0 FAIRMEAD 3.5	32.5	3.44	f 11.01	2.32	2.18	10.23	6.03
176.5 R BERENDA 2.7	29.0	3.40	10.56	2.29	2.12	10.17	5.57
179.2 NOTARB 4.7	26.3	3.37	10.47	2.26	2.08	10.13	5.53
183.9 TO MADERA 6.3	21.6	s 3.31	s 10.41	s 2.21	2.01	10.06	5.46
190.2 IRRIGOSA 5.4	15.3	3.21	10.31	2.14	1.52	9.57	5.37
5.6 HERNDON 3.6	9.9	3.16	f 10.26	2.09	1.45	9.50	5.30
199.2 BIOLA JCT. 1.0	6.3						
200.2 TO-R MUSCATEL 1.6	5.3	3.10	10.20	2.04	1.35	9.40	5.20
201.8 R FRESNO YARD 3.7	3.7	3.08	10.18	2.02	1.30 AM	9.35 AM	5.15 PM
5.5 TO-R FRESNO 0.0	0.0	3.00 AM	10.10 AM	1.55 PM			
(112.6)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
.....Time over District.....		(2.35)	(3.25)	(2.10)	(2.40)	(2.40)	(2.40)
.....Average Speed per Hour.....		43.52	32.95	51.97	40.83	40.83	40.83

RULE 86. Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 51 and 52 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

No. 59 will not stop at station at Lathrop.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Coronet (Spur)	100.6	28
Covell	108.1	16
Alcant	129.3	..
Arena (Spur)	138.9	16
Buhach (Spur)	144.8	25
Creegan (Spur)	151.9	21
Labranza (Spur)	163.3	4
Sierra Vista	165.8	..
Borden	186.7	25

NILES SUBDIVISION

EASTWARD

SECOND CLASS

Capacity of sidings						402	444	406	472	Mile Post Location
						B. M.	C. C. M.	Freight	Freight	
						Lv. Daily Ex. Fri.Sat.Sun.	Lv. Daily Ex. Fri.Sat.Sun.	Leave Daily	Leave Daily	
						PM 7.50	PM 7.05		AM 12.20	26.2
										27.5
64	P					7.56			12.26	29.5
51	P					8.04			12.34	33.9
100	Yard Limits WIYP					8.25	7.25	AM 5.40	12.41	37.2
51	P					8.32		5.46	12.47	40.1
80	P					8.35	7.33	5.49	12.50	41.7
						8.37	7.35 PM	5.51	12.52	42.4
76	P					8.40		5.54	12.55	43.0
91	P					8.45		5.59	1.00	31.7
73	P					9.05		6.19	1.20	40.9
	IYP									42.0
1-110, 2-105	P					9.10		6.24	1.25	43.0
1-79, 2-80	Yard Limits BKWP					9.20		6.34	1.35	46.9
72	P					9.27		6.41	1.42	50.5
88	Yard Limits WTP					9.37		6.51	1.52	55.0
72	P					9.48		7.03	2.04	59.5
69	P					9.57		7.12	2.13	63.1
	Tracy yard BKWOTYP					10.10 PM		7.25 AM	2.25 AM	70.8
						Ar. Daily Ex. Fri.Sat.Sun.	Ar. Daily Ex. Fri.Sat.Sun.	Arrive Daily	Arrive Daily	
						(2.20) 24.85	(0.30) 32.40	(1.45) 26.85	(2.05) 33.10	

Timetable No. 249

August 13, 1950

STATIONS

TO-R REDWOOD JCT.	} D. J.	0.0
1.3 End of Double Track		1.3
2.0 HENDERSON		3.3
4.4 DUMBARTON		7.7
3.3 TO-R NEWARK		11.0
2.9 CENTERVILLE		13.9
1.6 SHINN		15.5
0.7 TO-R NILES TOWER		16.2
0.6 NILES JCT.		16.8
2.1 FARWELL		18.9
3.9 SUNOL		22.8
5.3 TO PLEASANTON		28.1
1.1 TO RADUM		29.2
1.0 TO ELIOT		30.2
3.9 TO-R LIVERMORE		34.1
3.6 ULMAR		37.7
4.5 ALAMONT		42.2
4.5 CAYLEY		46.7
3.6 MIDWAY		50.3
7.7 TO-R TRACY		58.0
(58.0)		
.....Time over District.....		
.....Average Speed per Hour.....		

RULE 5. Schedule time and train-order time at Redwood Jct. apply at end of double track.
Schedule time and train-order time for eastward trains holding main track at Eliot apply at crossover known as California link.

NILES SUBDIVISION

Mile Post Location		Timetable No. 249 August 13, 1950		Distance from Tracy		WESTWARD											
						THIRD CLASS											
						429	401	433	409	435	413						
						Freight	Freight	Freight	Freight	Freight	Freight						
						Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily						
26.2	TO-R REDWOOD JCT. 1.3	D. T.	58.0														
27.5	End of Double Track 2.0		56.7														
29.5	HENDERSON 4.4		54.7			4.34		4.34				11.04					
33.9	DUMBARTON 3.3		50.3			4.26		4.26				10.56					
37.2	TO-R NEWARK 2.9		47.0			4.19		4.19				10.49					
40.1	CENTERVILLE 1.6		44.1			4.13		4.13				10.43					
1.7	SHINN 0.7		42.5			4.10		4.10				10.40					
42.4	TO-R NILES TOWER 0.6		41.8			AM 2.53	4.08	AM 10.53	4.08	PM 6.53	10.38						
43.0 29.6	NILES JCT. 2.1		41.2			2.50	4.05	10.50	4.05	6.50	10.35						
31.7	FARWELL 3.9		39.1			2.44	3.59	10.44	3.59	6.44	10.29						
35.6	SUNOL 5.3		35.2			2.34	3.49	10.34	3.49	6.34	10.19						
30.9	TO PLEASANTON 1.1		29.9			2.24	3.39	10.24	3.39	6.24	10.09						
42.0	TO RADUM 1.0		28.8														
43.0	TO ELIOT 3.9		27.8			2.19	3.34	10.19	3.34	6.19	10.04						
46.9	TO-R LIVERMORE 3.6		23.9			2.09	3.24	10.09	3.24	6.09	9.54						
50.5	ULMAR 4.5		20.3			2.02	3.17	10.02	3.17	6.02	9.47						
55.0	ALTAMONT 4.5		15.8			1.52	3.07	9.52	3.07	5.52	9.37						
59.5	CAYLEY 3.6		11.3			1.40	2.55	9.40	2.55	5.40	9.25						
63.1	MIDWAY 7.7		7.7			1.30	2.45	9.30	2.45	5.30	9.15						
70.8	TO-R TRACY		0.0			1.15 AM	2.30 AM	9.15 AM	2.30 PM	5.15 PM	9.00 PM						
						Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily						
.....Time over District.....						(1.38)	(2.10)	(1.38)	(2.10)	(1.38)	(2.10)						
.....Average Speed per Hour.....						25.69	26.76	25.69	26.76	25.69	26.76						

EASTWARD					Mile Post Location	Timetable No. 249 August 13, 1950		Distance from San Jose Yard	WESTWARD	
THIRD CLASS						STATIONS			SECOND CLASS	
Capacity of sidings	435	433	429						444	
	Freight	Freight	Freight				C. C. M.			
	Leave Daily	Leave Daily	Leave Daily				Ar. Daily Ex. Fri. Sat. Sun.			
70	KWYP			29.2	TO-R NILES		PM 7.38			
	IYP	PM 6.53	AM 10.53	29.8	0.6		7.35			
	P	7.01	11.01	32.8	TO-R NILES TOWER		PM			
	P	7.20	11.20	40.7	3.0					
San Jose yard	BKWOITYP	7.45 PM	11.45 AM	47.7	IRVINGTON					
					7.9					
					MILPITAS					
					7.0					
					R SAN JOSE YARD					
	Arrive Daily	Arrive Daily	Arrive Daily		(18.5)		Lv. Daily Ex. Fri. Sat. Sun.			
	(0.52)	(0.52)	(0.52)				(0.03)			
	21.60	21.60	21.60				12.00			
.....Time over District.....										
.....Average Speed per Hour.....										

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Tracy line		
Ravenswood (Spur)	30.9	130 P
Dresser (Spur)	30.9	15
Trevarno (Spur)	48.4	16 P
Milpitas line		
Wayne	43.3	P
Maybury (Spur)	45.0	

RULE 5. Schedule time and train-order time at Redwood Jct. apply at end of double track.
 Schedule time and train-order time for eastward trains holding main track at Eliot apply at crossover known as California link.

NILES SUBDIVISION

EASTWARD

Capacity of sidings		THIRD CLASS		FIRST CLASS					Mile Post Location	Timetable No. 249 August 13, 1950		Distance from Oakland Pier
		422 Freight	418 Freight	74 Oakland Lark (c)	2 West. Pac. Royal Gorge	336 Oakland C. M. E.	18 West. Pac. Streamliner California Zephyr	250 Passenger				
		Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Lv. Daily Ex. Fri. Sat. Sun.	Leave Daily	Leave Daily		STATIONS		
				PM 7.05 7.25	PM 6.00 6.20		AM 9.00 9.20			SAN FRANCISCO 3.5		Oakland Ferry
				PM 7.30	PM 6.30		AM 9.30	AM 6.25	3.5	OAKLAND PIER		
Oakland yard	BKWIP								3.5	TO-R OAKLAND PIER 1.4		Double Track
	BKWOITYP	PM 7.45	AM 9.00				PM 6.30		4.9	TO-R WEST OAKLAND 1.0		
	IP				6.38 PM		9.37 AM		5.9	MAGNOLIA TOWER 0.8		
	P			s 7.44				s 6.39	6.7	OAKLAND (First Street) 3.0		
	YIP			s 7:52				s 6.48	9.7	FRUITVALE 3.7		
	WP	8.10	9.25	8.01		6.50		6.57	13.4	TO-R ELMHURST 2.1		
Yard Limits	56 P								15.5	TO MULFORD 4.7		
	70 WP	8.21	10.00	8.09		6.59		7.06	20.2	RUSSELL 5.1		
	64 P	8.29	11.00	8.15		7.06		7.12	25.3	TO ALVARADO 5.3		
Yard Limits	80 (Psg. 24) WIYP	8.39	11.20 AM	8.22		7.25		s 7.20	30.6	TO-R NEWARK 3.5		
	80 P	8.46		8.27		7.32		7.28	34.1	ALBRAE 5.0		
	P								39.1	ALVISO 2.6		
	53 P	8.59		f 8.37		7.45		c 7.38	41.7	TO AGNEW 3.1		
San Jose yard	KIP	9.05 PM		8.42 PM		7.50 PM		7.44 AM	44.8	TO-R SANTA CLARA		

Time at San Jose for information only.
See Coast Division timetable for train movements between Santa Clara and San Jose.

				8.50 PM			7.50 AM	SAN JOSE	
		Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Ar. Daily Ex. Fri. Sat. Sun.	Arrive Daily	Arrive Daily	(41.3)
		(1.20) 29.92	(2.20) 11.01	(1.12) 34.41	(0.08) 18.00	(1.20) 29.92	(0.07) 20.57	(1.19) 31.36	.....Time over District.....
		.....Average Speed per Hour.....							

RULE 5. Schedule time and train-order time on Elmhurst-Santa Clara line at Newark apply at siding east of station building, except time for Nos. 250 and 73 apply at passenger siding.

Schedule time and train-order time for No. 407 apply at train-order office at Newark.

Sections of WPRR first-class trains may display signals between Oakland Pier and Magnolia Tower (WPRR Chestnut Jct.), in either direction without train-order authority.

A train register for WPRR trains only is provided at Oakland Pier. In addition to their SP registration, WPRR trains will register on WPRR register in accordance with their identity on the WPRR arriving or leaving Chestnut Jct., using actual arrival or expected departure time at Chestnut Jct.

Registration of sections of WPRR first-class trains terminating at WPRR Chestnut Jct. and moving to WPRR Oakland Yard, will be phoned from WPRR Oakland Yard to Operator SP, Oakland Pier, for entry on register at Oakland Pier.

RULE 93. First-class trains enter and leave Oakland Pier passenger station on yard tracks within Oakland Pier interlocking.

		EASTWARD		Timetable No. 249		WESTWARD	
				August 13, 1950			
				Stonehurst Branch			
				STATIONS			
Oakland yard	Capacity of sidings	WP	13.4	ELMHURST	0.9		
			14.3	STONEHURST	0.0		
				(0.9)			

NILES SUBDIVISION

Mile Post Location		Distance from Santa Clara		WESTWARD									
				FIRST CLASS					SECOND CLASS		THIRD CLASS		
				335	1	73	17	255	444	419	407	417	
		Timetable No. 249 August 13, 1950		Oakland C. M. W.	West. Pac. Royal Gorge	Oakland Lark (c)	West. Pac. Streamliner California Zephyr	Passenger (c)	C. C. M.	Freight	Freight	Freight	
		Ar. Daily Ex. Sat. Sun. Mon.	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Ar. Daily Ex. Fri. Sat. Sun.	Arrive Daily	Arrive Daily	Arrive Daily	Ex. Sunday		
STATIONS													
0.0	SAN FRANCISCO 3.5	44.8		AM 8.15	AM 8.50	PM 4.50	PM 5.50						
3.5	OAKLAND PIER	41.3		7.55	8.30	4.30	5.30						
3.5	TO-R OAKLAND PIER 1.4	41.3		s AM 7.38	s AM 8.20	s PM 4.15	s PM 5.20						
4.9	TO-R WEST OAKLAND 1.0	39.9	AM 6.30					PM 8.40	AM 4.20		PM 7.00		
5.9	MAGNOLIA TOWER 0.8	38.9		7.23 AM		4.03 PM							
7	OAKLAND (First Street) 3.0	38.1			s 8.05		s 5.07						
9.7	FRUITVALE 3.7	35.1			s 7.52		s 4.59						
13.4	TO-R ELMHURST 2.1	31.4	6.05		7.41		4.49	8.17 PM	3.55		6.30		
15.5	TO MULFORD 4.7	29.3											
20.2	RUSSELL 5.1	24.6	5.53		7.33		4.41		3.43		6.00		
3	TO ALVARADO 5.3	19.5	5.45		7.28		4.36		3.35		5.15		
30.6	TO-R NEWARK 3.5	14.2	5.35		7.20		4.30		3.25	AM 5.40	4.35 PM		
34.1	ALBRAE 5.0	10.7	5.28		7.08		4.25		3.18	5.33			
39.1	ALVISO 2.6	5.7			f 7.01								
41.7	TO AGNEW 3.1	3.1	5.15		f 6.57		c 4.14		3.05	5.20			
44.8	TO-R SANTA CLARA	0.0	5.10 AM		6.52 AM		4.10 PM		3.00 AM	5.15 AM			

Time at San Jose for information only.
See Coast Division timetable for train movements between Santa Clara and San Jose.

SAN JOSE				6.47 AM			4.05 PM				
(41.3)		Lv. Daily Ex. Sat. Sun. Mon.	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Lv. Daily Ex. Fri. Sat. Sun.	Leave Daily	Leave Daily	Leave Daily	Ex. Sunday
.....Time over District.....		(1.20)	(0.15)	(1.28)	(0.12)	(1.10)	(0.23)	(1.20)	(0.25)	(2.25)	
.....Average Speed per Hour.....		29.92	9.60	28.14	12.00	35.40	22.13	29.92	34.08	10.60	

RULE 5. Schedule time and train-order time on Elmhurst-Santa Clara line at Newark apply at siding east of station building, except time for Nos. 250 and 73 apply at passenger siding.

Schedule time and train-order time for No. 407 apply at train-office at Newark.

Sections of WPRR first-class trains may display signals between Oakland Pier and Magnolia Tower (WPRR Chestnut Jct.), in either direction without train-order authority.

A train register for WPRR trains only is provided at Oakland Pier. In addition to their SP registration, WPRR trains will register WPRR register in accordance with their identity on the WPRR arriving or leaving Chestnut Jct., using actual arrival or expected departure time at Chestnut Jct.

Registration of sections of WPRR first-class trains terminating at WPRR Chestnut Jct. and moving to WPRR Oakland Yard, will be phoned from WPRR Oakland Yard to Operator SP, Oakland Pier, for entry on register at Oakland Pier.

RULE 93. First-class trains enter and leave Oakland Pier passenger station on yard tracks within Oakland Pier interlocking.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Santa Clara line		
East Oakland.....	8.3	P
Robert.....	17.8	20 P
Mt. Eden.....	21.5	21 P
Baumberg.....(Spur)	23.0	10
Hall.....(Spur)	26.2	9 P
Drawbridge.....	36.5	P
Niles line		
Estudillo.....	16.5	35 P

EASTWARD

WESTWARD

Capacity of sidings		Mile Post Location		Timetable No. 249 August 13, 1950		Distance from Niles Jct.		SECOND CLASS	
				STATIONS				444	C. C. M.
				Ar. Daily Ex. Fri. Sat. Sun.				PM 8.17	
Oakland Yard	WP	13.4	TO-R ELMHURST 1.4	16.2					
	P	14.8	TO SAN LEANDRO 2.7	14.8					
Yard Limits	50	17.5	LORENZO 2.6	12.1					
	100	20.1	TO HAYWARD 6.4	9.5					8.00
Yard Limits	32	26.5	DECOTO 2.7	3.1					
	70	29.2	TO-R NILES 0.4	0.4					7.38 PM
		29.6	NILES JCT.	0.0					
		43.0	(16.2)	0.0					
				Lv. Daily Ex. Fri. Sat. Sun.				(0.39) 24.92	
				.....Time over District.....					
				.....Average Speed per Hour.....					

RULE 5. Schedule time and train-order time for westward trains via Decoto at Niles apply at junction switch located 550 feet west of station building.

CONDITIONAL FLAG STOPS, ETC., TO RECEIVE OR DISCHARGE TRAFFIC

Conditional flag stops, etc., are designated by "c" in schedule column, and are for traffic as shown below:

Train	STATION	KIND	FREQUENCY	FOR REVENUE PASSENGERS		FOR OTHER TRAFFIC
				RECEIVE TO (or beyond)	DISCHARGE FROM (or beyond)	
11	Suisun-Fairfield	5 MPH	Daily			To dispatch U. S. Mail
11	Crockett	Flag	Daily		Eugene	To receive U. S. Mail
11	Richmond	Flag	Daily		Eugene	
12	Richmond	Flag	Daily	Eugene		
20	Elmira	Flag	Daily	Woodland		
20	Dixon	Flag	Daily	Woodland		
23	Davis	Flag	Daily		Ogden	
23	Dixon	Flag	Daily		Ogden	
23	Suisun-Fairfield	Flag	Daily		Ogden	
26	Any Station	Flag	Daily	Any Station	Any Station	Or for baggage, mail or express
28	Martinez	Flag	Daily	Ogden		
28	Martinez	10 MPH	Daily exc. Sun. & Hol.			To dispatch U. S. Mail
52	Ripon	40 MPH	Daily exc. Sun. & Hol.			To dispatch U. S. Mail
53	Elk Grove	10 MPH	Daily exc. Sun. & Hol.			To throw U. S. Mail in mail car door
54	Acampo	Stop	Daily			To exchange U. S. Mail
54	French Camp	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
55	Banta	Stop (if necessary)	Daily			To exchange U. S. Mail
55	Selby	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
55	Oleum	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
55	Rodeo	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
55	Pinole	5 MPH or stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
55	Giant	Flag	Daily exc. Sun. & Hol.			To receive or discharge express
56	Pinole	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
56	Rodeo	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
56	Oleum	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
56	Selby	Stop	Daily exc. Sun. & Hol.			To exchange U. S. Mail
56	Selby	Flag	Daily	Any station	Any station	Or for any traffic
56	Banta	Stop (if necessary)	Daily			To exchange U. S. Mail
56	Delhi	10 MPH	Daily			To dispatch papers
56	Atwater	10 MPH	Daily			To dispatch papers
57	Kerman	Flag	Daily	Martinez	Bakersfield	
57	Mendota	Flag	Daily	Martinez	Bakersfield	
57	Firebaugh	Flag	Daily	Martinez	Bakersfield	
57	Dos Palos	Flag	Daily	Martinez	Bakersfield	
57	Gustine	Flag	Daily	Martinez	Bakersfield	
57	Newman	Flag	Daily	Martinez	Fresno	
57	Patterson	Flag	Daily	Martinez	Fresno	
57	Solyo	Flag	Daily	Tracy	Fresno	
57	Brentwood	Flag	Daily	Berkeley	Fresno	
58	Solyo	Flag	Daily	Fresno	Martinez	
58	Patterson	Flag	Daily	Fresno	Martinez	
58	Newman	Flag	Daily	Fresno	Martinez	
58	Gustine	Flag	Daily	Bakersfield	Martinez	
58	Dos Palos	Flag	Daily	Bakersfield	Martinez	
58	Firebaugh	Flag	Daily	Bakersfield	Martinez	
58	Mendota	Flag	Daily	Bakersfield	Martinez	
58	Kerman	Flag	Daily	Bakersfield	Martinez	
58	Chowchilla	Flag	Daily	Sacramento	Bakersfield	
59	Acampo	35 MPH	Daily			To dispatch U. S. Mail
59	Galt	35 MPH	Daily			To dispatch U. S. Mail
60	Chowchilla	Flag	Daily	Bakersfield	Sacramento	
73	Drawbridge	Flag	Wednesday	Any Station	Any Station	
74	Drawbridge	Flag	Fri. & Sat.	Any Station	Any Station	
101	Crockett	30 MPH	Daily			
223	Crockett	15 MPH	Daily exc. Sun. & Hol.			To dispatch U. S. Mail
223	Richmond	Flag	Daily		Suisun-Fairfield	To dispatch U. S. Mail
224	Dixon	50 MPH	Daily			
229	Cygnus	Flag	Daily exc. Sun. & Hol.	Any station	Suisun-Fairfield	To dispatch U. S. Mail
229	Selby	Flag	Daily exc. Sun. & Hol.	Any station	Any station	
229	Oleum	Flag	Daily exc. Sun. & Hol.	Any station	Any station	
229	Rodeo	Flag	Daily exc. Sun. & Hol.	Any station	Any station	
241	Teal	Flag	Tue. & Sat.	Any station	Any station	
246	Giant	Flag	Daily			To receive or discharge express
246	Rodeo	Stop	Daily			For any traffic
246	Oleum	Stop	Daily			For any traffic
246	Selby	Stop	Daily			For any traffic
250	Agnew	Flag	Sunday	Any station	Any station	
255	Drawbridge	Flag	Sunday	Any station	Any station	
255	Agnew	Flag	Sunday	Any station	Any station	

RULE 4. Designated holidays:

- New Year's Day, January 1st.
- Washington's Birthday, February 22nd.
- Decoration Day, May 30th.
- Independence Day, July 4th.
- Labor Day, first Monday in September.
- Thanksgiving Day, fourth Thursday in November.
- Christmas Day, December 25th.

RULE 5. Schedule times shown in small type indicate special instructions in the timetable govern movement.

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

RULE 105. Sidings designated "E" in Capacity of Sidings column are assigned for use by eastward trains; those designated "W" are assigned for use by westward trains. Those designated "M" for middle, may be used by trains in either direction. Those designated "N," "S," "1," "2" or "3" are assigned for use by trains as shown in special instructions for the subdivision on which located.

Capacity of Sidings column indicates the number of cars of average length of 49 feet that siding will hold between fouling points, in addition to one steam engine and caboose.

SPECIAL INSTRUCTIONS—MARTINEZ SUBDIVISION

RULE 82 (A). Trains originating Desert Unit, West Oakland will obtain clearance at Shellmound instead of West Oakland. Second- and third-class and extra trains to or from Western Division passing Sacramento will not obtain clearance at Sacramento.

Trains enroute Western Division via Sacramento or Brighton originating at Roseville, must obtain two clearances, one endorsed Sacramento Division, the other endorsed Western Division. Train orders addressed to such trains at Roseville will apply the same as if addressed to them at Brighton or Sacramento.

RULE 83 (A). At the following stations only trains indicated will register:

West Oakland.....	Trains originating or terminating
Shellmound.....	Trains originating or terminating
	Desert Unit, West Oakland.
Port Costa.....	} Trains originating or terminating
Suisun-Fairfield.....	
Davis.....	
Avon.....	
Port Chicago.....	
Pittsburg.....	

Sacramento. Trains originating or terminating, except second- and third-class and extra trains passing Sacramento to or from Western Division.

Sacramento, 12th St. Eastward trains via Brighton and trains originating or terminating.
Extra trains will register at Napa Jct.

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

Shellmound.....	Trains originating or terminating
	Desert Unit, West Oakland.
Davis.....	All trains to or from West Valley Subdivision,
	Sacramento Division.

RULE 84. Proceed signal 12 (c) must be used to start trains from Oakland Pier, except Streamliner No. 102 when communicating signal may be used.

RULE D-97 (A). Will apply between following points:
Oakland Pier and Sacramento;
Martinez and Mococo.

RULE 105. Suisun-Fairfield. Eastward siding is first track south of eastward main track and leaves eastward main track 2280 feet east of MP 47; westward siding is first track north of westward main track and leaves westward main track 3000 feet west of MP 50.

Davis. Eastward siding is first track south of eastward main track and enters eastward main track 1200 feet east of Davis Tower. Westward siding is first track north of westward main track and enters westward main track 1960 feet west of MP 77.

RULE 221. Light will not be displayed in train-order signal at Vacaville, except when train-order operator is on duty.

Trains must obtain clearance before leaving Napa Jct. and Napa.

Shellmound is train-order office only for trains originating Desert Unit, West Oakland and for eastward second-class, third-class and extra trains from Oakland Pier and West Oakland. When SA Signals on eastward track or freight lead indicate proceed, such trains must approach prepared to receive train orders.

Eastward trains, except first-class trains from Oakland Pier and West Oakland must obtain clearance before leaving Shellmound.

West Oakland and Avon are train-order offices only for trains originating.

RULE D-251. Will apply as follows:

On westward track Sacramento to Davis train-order office, provided proceed signal received from yardman at Front St., Sacramento (green flag by day, green light by night), except will not supersede the superiority of No. 101.

SPECIAL INSTRUCTIONS—LOS BANOS SUBDIVISION

RULE 82 (A). Westward trains via Biola line will obtain train orders and check register at Muscatel instead of Fresno Yard.

RULE 83. Identification of trains from Pratton line may be made by westward trains between Fresno and junction switch to Pratton line. Reduce speed sufficiently to permit identification and comply with Rule 14(k).

RULE 83 (A). Only trains originating or terminating will register at Los Banos and Ingle.

Only extra trains will register at Kerman.

Only trains via Biola terminating, and trains via Pratton originating or terminating will register at Fresno Yard.

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

Kerman..... Extra trains

Muscatel..... Trains not required to stop for other reasons.

RULE 105. Kerman. North siding is siding north of main track extending from MP 192.9 to MP 194.1, and to be used only by trains to and from Biola line; east switch to be lined normally for movement to and from Biola line. Westward trains from Biola line, unless otherwise required by train order, will use north siding. Eastward trains to Biola line will enter Biola line at junction-switch, unless west switch of north siding is lined for siding, and proceed signal is received from operator (green flag by day, green light by night).

South siding is siding south of main track extending from MP 192.8 to MP 193.8, and to be used only by trains to and from Pratton line.

Los Banos. Normal position of switch diverging from west end siding will be for movement to tail track spur.

RULE 221. Fresno Yard is a train-order office only for trains originating via Pratton line.

SPECIAL INSTRUCTIONS—LATHROP SUBDIVISION

RULE 82 (A). Westward regular trains from Lathrop Subdivision to Merced Subdivision will assume the corresponding number and schedule at Lathrop without clearance.

Sections of schedules and extra trains authorized at Stockton for movement on Merced Subdivision may leave Lathrop without clearance.

Regular trains from Merced Subdivision to Lathrop Subdivision will assume the corresponding number and schedule at Lathrop without clearance.

Regular trains from Western Division to Sacramento Division at Brighton will assume the corresponding number and schedule at Brighton without clearance.

Trains to Western Division at Brighton, originating at Sacramento, may leave Sacramento with Western Division clearance only.

Trains to Western Division via Sacramento or Brighton originating at Roseville, must obtain two clearances, one endorsed Sacramento Division, the other endorsed Western Division. Train orders addressed to such trains at Roseville will apply the same as if addressed to them at Brighton or Sacramento.

Trains to operate as Nos. 420, 424 and 426, and sections thereof, on Western Division from Brighton, may assume such identity at Roseville instead of Brighton. Sacramento and Western Division clearance for sections of these schedules must bear the words "No signals" or "Green signals" as the case may be, and bear dispatcher's O.K.; train-order authority for display of signals will not be required Roseville to Brighton, nor on Lathrop Subdivision of Western Division. Trains will register and display indicators and signals accordingly.

RULE 83. Sections of schedules authorized at Stockton for movement on Merced Subdivision need not ascertain that preceding sections of the same schedule have left Lathrop. A leading section must not permit a following section to pass between Stockton train-order-office and junction switch Lathrop except as provided by last paragraph of Rule 85.

Identification may be made by westward trains between Stockton and Lathrop to be applied at Lathrop on Merced Subdivision. Reduce speed sufficiently to permit identification and comply with Rule 14 (k).

RULE 83 (A). Extra trains will register at Stockton and Lathrop.

Trains originating or terminating on east leg of wye at Lathrop will not register at Lathrop.

Only trains originating or terminating, other than third-class and extra trains passing Sacramento to or from Western Division will register at Sacramento.

Only eastward trains via Brighton, and trains originating or terminating, will register at Sacramento, 12th St.

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

Lathrop..... All trains on Lathrop Subdivision.
Merced Subdivision trains originating or terminating using west leg of wye.

Stockton..... All trains, except trains originating or terminating.

Sacramento, 12th St.... Eastward trains via Brighton.

RULE 95. Train orders issued by Western Division under Form F, reading to or from Brighton, will apply over the Sacramento Division into or out of Sacramento or Roseville.

Nos. 421, 423 and 425 and sections of those schedules from Western Division at Brighton may continue display of indicators through to Roseville, and register at Roseville accordingly.

RULE D-97 (A). Will apply between Tracy and Stockton Tower No. 4.

RULE 105. Lathrop. Westward siding leaves westward main track 1500 feet east of corral and enters main track just east of water tank.

RULE 204. Trains of Lathrop or Merced Subdivision, with the same conductor and engineer operating through Lathrop may be issued train orders on one subdivision that affect their movement on the other, or both subdivisions.

RULE 204 (A). Operator Stockton must furnish engineers of eastward freight trains an extra copy of Sacramento Division train orders, to be delivered to helper engineer when helper is picked up.

RULE 221. Trains must obtain clearance before leaving Stockton.

Light will not be displayed in train-order signals on Oakdale and Lodi Branches, except when train-order operator is on duty.

RULE D-251. Will apply as follows:

On eastward track, Lathrop to Stockton Tower No. 4.

On westward track: Stockton Tower No. 4 to Stockton;

Lathrop to Tracy.

RULE 82 (A). Westward regular trains from Lathrop Subdivision to Merced Subdivision will assume the corresponding number and schedule at Lathrop without clearance.

Sections of schedules and extra trains authorized at Stockton for movement on Merced Subdivision may leave Lathrop without clearance.

Regular trains from Merced Subdivision to Lathrop Subdivision will assume the corresponding number and schedule at Lathrop without clearance.

Trains originating or terminating at Fresno need not obtain clearance or check register at Muscatel.

Westward trains originating at Fresno Yard will obtain train orders and check register at Muscatel instead of Fresno Yard.

RULE 83. Sections of schedules authorized at Stockton for movement on Merced Subdivision need not ascertain that preceding sections of the same schedule have left Lathrop. A leading section must not permit a following section to pass between Stockton train-order office and junction switch Lathrop except as provided by last paragraph of Rule 85.

Identification may be made by westward trains between Stockton and Lathrop to be applied at Lathrop on Merced Subdivision; and by westward trains between Fresno and Fresno Yard to be applied at end of double track Fresno Yard. Reduce speed sufficiently to permit identification and comply with Rule 14 (k).

Rule 83 (A). Only trains originating or terminating will register at Modesto, Merced and Berenda.

Only trains terminating will register at Fresno Yard.

Trains originating or terminating on east leg of wye at Lathrop will not register at Lathrop.

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

Lathrop..... All trains on Lathrop Subdivision.
Merced Subdivision trains originating or terminating using west leg of wye.

Muscatel.... Trains not required to stop for other reasons.

RULE 105. Modesto. Eastward siding leaves main track 1740 feet east of MP 110 and enters main track 1800 feet east of MP 111. Westward siding leaves main track 3432 feet east of MP 113 and enters main track 2112 feet east of MP 112.

RULE 204. Trains of Lathrop or Merced Subdivision, with the same conductor and engineer operating through Lathrop may be issued train orders on one subdivision that affect their movement on the other, or both subdivisions.

RULE 221. Muscatel is train-order office only for trains originating.

Trains must obtain clearance before leaving Kismet Tower.

SPECIAL INSTRUCTIONS—NILES SUBDIVISION

RULE 82 (A). Trains receiving Western Division clearance at San Jose may leave Santa Clara without clearance.

RULE 83. Identification may be made by eastward trains between Redwood Jct. and end of double track to be applied at end of double track. Reduce speed sufficiently to permit identification and comply with Rule 14 (k).

RULE 83 (A). Only trains originating or terminating will register at West Oakland, Newark and Livermore.

Extra trains will register at Niles Tower and Niles.

Trains originating or terminating San Jose Yard will register at Santa Clara.

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

Elmhurst..... Regular trains.
Niles..... All trains.
Niles Tower..... All trains.
Redwood Jct..... All trains.
Newark..... Nos. 407 and 406.
Santa Clara..... All trains.

RULE 84. Proceed signal 12 (c) must be used to start trains from Oakland Pier.

RULE 95. Train orders issued under Form F reading to or from Santa Clara will apply over the Coast Division into or out of San Jose.

Nos. 401, 409 and 413 and sections of those schedules will be cleared at Redwood Jct. according to their identification arriving at that point, and are authorized to display this identification to Bayshore without train-order authority, clearance for sections to show "No signals" or "Green signals" following train number.

RULE D-97 (A). Will apply between Oakland Pier and Elmhurst.

RULE 105. Eliot. Siding No. 1 is first track north of main track. Siding No. 2 is second track north of main track and connects with Siding No. 1 at both ends.

These sidings may be used by trains in either direction, or as instructed by train dispatcher.

Livermore. Siding No. 1 extends from station building westward 4600 feet and to be used by eastward trains.

Siding No. 2 extends from switch 2000 feet east of station building 4000 feet and to be used by westward trains.

Connection between Siding No. 1 and Siding No. 2 must be left clear. Trains may move from one siding to the other only after authority has been given by train dispatcher.

Alvarado. Siding extends from crossover 250 feet west of station building to west end.

Hayward. Siding extends from crossover 1500 feet west of station building to west end.

Newark. Siding on Tracy-Redwood Jct. line is located west of Elmhurst-Santa Clara line crossing.

Siding on Elmhurst-Santa Clara line is located east of Tracy-Redwood Jct. line crossing, and extends from initial switch at east end to crossover only.

Passenger siding on Elmhurst-Santa Clara line extends from crossover 300 feet west of station building to west end; has capacity of engine and 13 passenger cars; must be left clear of cars; may be used by No. 73; may be used by other trains only when authorized by train order.

RULE 221. West Oakland is a train-order office only for trains originating.

Eastward trains to Coast Division, may leave Santa Clara without clearance.

Eliot and Mulford are train-order offices only for trains originating when operator is on duty.

Trains must obtain clearance before leaving Newark and Niles.

RULE D-251. Will apply as follows:

On both main tracks, between Oakland Pier and Elmhurst.

DIVISION MILEAGE

MAIN LINES	First Track	Second Track	Miles
Oakland Pier to Washington.....	(C. P. Ry.....	1.01	1.01
.....	(S. P. R. R.....	86.20	86.33
.....	(S. P. R. R.....	1.53	
.....	(S. P. R. R.....	47.61	.96
.....	(C. P. Ry.....	66.97	9.17
.....	(C. P. Ry.....	60.74	23.85
.....	(S. P. R. R.....	124.18	
.....	(C. P. Ry.....	106.45	
.....	(S. P. Co.....	30.26	
.....	(C. P. Ry.....	14.85	
.....	(C. P. Ry.....	16.08	
.....	(S. P. R. R.....	14.52	
Total.....		570.40	121.32
Total Main Lines.....			691.72
BRANCHES			
Berenda—Berenda to Daulton.....	(S. P. R. R.....	11.73	
Calistoga—Napa Jet. to Calistoga.....	(S. P. R. R.....	34.53	
Chowchilla—Chowchilla to Dairyland.....	(S. P. Co.....	10.23	
Ione—Galt to Ione.....	(S. P. R. R.....	26.87	
Lodi—Lodi to Woodbridge.....	(S. P. R. R.....	2.59	
.....	(S. P. R. R.....	26.67	
.....	(S. P. Co.....	12.65	
Madera—Madera to end of Branch.....	(S. P. R. R.....	3.93	
Oakdale—Stockton to Montpellier.....	(C. P. Ry.....	.10	
.....	(S. P. R. R.....	49.23	
Riverdale—Ingle to end of Division.....	(S. P. R. R.....	.25	
San Pablo—San Pablo to Richmond Transfer.....	(S. P. R. R.....	1.70	
San Ramon—Avon to Radum.....	(S. P. R. R.....	29.85	
Schellville—Suisun-Fairfield to Schellville.....	(S. P. R. R.....	23.21	
.....	(N. W. P. R. R.....	.88	
Stonehurst—Elmhurst to Stonehurst.....	(C. P. Ry.....	.75	
Union—Union to West Napa.....	(S. P. R. R.....	1.87	
Vallejo—Napa Junction to Vallejo.....	(S. P. R. R.....	7.28	
.....	(S. P. R. R.....	30.73	
Total Branches.....			275.05
Total Western Division.....			966.77

SPEED TABLE

TIME PER MILE	MILES PER HOUR
36"	100
37"	97.3
38"	94.7
39"	92.3
40"	90
41"	87.8
42"	85.7
43"	83.7
44"	81.8
45"	80
46"	78.3
47"	76.6
48"	75
49"	73.5
50"	72
51"	70.6
52"	69.2
53"	67.9
54"	66.7
55"	65.5
56"	64.3
57"	63.2
58"	62.1
59"	61
1'00"	60
1'01"	59
1'02"	58.1
1'03"	57.1
1'04"	56.2
1'05"	55.4
1'06"	54.5
1'07"	53.7
1'08"	52.9
1'09"	52.2
1'10"	51.4
1'11"	50.7
1'12"	50
1'13"	49.3
1'14"	48.6
1'15"	48
1'16"	47.4
1'17"	46.8
1'18"	46.2
1'19"	45.6
1'20"	45
1'25"	42.4
1'30"	40
1'35"	37.9
1'40"	36
1'45"	34.3
1'50"	32.7
1'55"	31.3
2'00"	30
2'15"	26.7
2'30"	24
2'45"	21.8
3'00"	20
3'30"	17.1
4'00"	15
5'00"	12
6'00"	10
7'00"	8.6
7'30"	8
8'00"	7.5
10'00"	6

