



**SANTA FE SAFETY FIRST**



Every employe should promptly report any unsafe condition or practice to his Supervisor.

**ASSISTANT SUPERINTENDENT**

G. E. YOUNG ..... Richmond, Calif.

**DIVISION RULES EXAMINER**

W. C. PARKS ..... Fresno, Calif.

**TRAINMASTERS**

J. R. MERRITT ..... Bakersfield, Calif.

R. L. DIXON ..... Fresno, Calif.

R. C. VAN AUDSALL ..... Stockton, Calif.

R. E. JOHNSON ..... Richmond, Calif.

**ASSISTANT TRAINMASTERS**

K. R. HATFIELD ..... Bakersfield, Calif.

J. S. STEVENSON ..... Pittsburg, Calif.

R. J. ST. JOHN ..... Richmond, Calif.

**ROAD FOREMEN OF ENGINES**

V. BARBER ..... Bakersfield, Calif.

J. O. ELWOOD ..... Fresno, Calif.

**SAFETY SUPERVISOR**

T. R. LENERT ..... Fresno, Calif.

**COAST LINES**

E. F. POLLARD ..... Los Angeles, Calif.

*Supervisor of Air Brakes and General Road Foreman of Engines*

D. KEMP ..... Los Angeles, Calif.

*Road Foreman of Engines (AMTRAK)*

**CHIEF TRAIN DISPATCHERS' OFFICE—FRESNO**

J. E. SIKES, Chief Dispatcher

**ASSISTANT CHIEF DISPATCHERS**

E. C. STRETCH    J. B. BONESTEEL    C. C. GRAHAM

**TRAIN DISPATCHERS**

N. S. PETERSEN

B. E. WALDRUM

R. D. RILEY

D. F. PAULS

M. L. POTTER

D. R. MACIEL

G. T. WHEELER

D. M. ILER

J. H. WEBBER

M. S. BYRNE

L. E. KIRKEENG

B. J. WILLHOITE

The  
**Atchison, Topeka and Santa Fe  
Railway Co.**



**VALLEY DIVISION**

**TIME TABLE No.**

**3**

**IN EFFECT**

**Sunday, October 26, 1975**

**At 12:01 A.M.**

**Pacific Standard Time**

This Time Table is for the exclusive use  
and guidance of Employes.

**H. D. FISH**  
*General Manager*  
LOS ANGELES, CALIF.

**C. E. ROLLINS - J. G. FRY - R. T. DENNISON**  
*Assistant General Managers*  
LOS ANGELES, CALIF.

**G. E. BECKER**  
*Superintendent*  
FRESNO, CALIF.

## 2 MOJAVE DISTRICT

## VALLEY DIVISION

WESTWARD ↓	TIME TABLE NO. 3 October 26, 1975					↑ EASTWARD	
Ruling Grade Descending Feet Per Mile	STATIONS		Mile Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	
		BARSTOW	746.4		C-R	Yard	
7.7	TCS	—10.4— HINKLEY	757.2	34.3	B	8011	
24.5		—15.8— JIMGREY	772.9	34.3	B	8034	
26.9		—11.0— BORON	784.0	28.0	C-Y	8052	
34.3		—5.0— SILT	789.6	0.0	B	8004	
19.0		—7.5— EDWARDS	797.1	26.4	Y	8007	
0.0		—6.4— BISSELL	803.6	34.3	B	8019	
26.4		—5.5— SANBORN	810.1	24.3	B	8772	
0.0		—5.6— MOJAVE (88.8)	818.4	52.8	C-R	Yard	
		ABS	—86.9— KERN JUNCTION —2.5—	885.2	15.8	C-R	
0.0			—1.0— BAKERSFIELD	887.7		C-R-T	Yard
		(138.2)					

### LENGTH OF STEMS OF WYES

Boron ..... Mine Spur  
Edwards ..... Government Spur

### STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

Location	Mile Posts	Capacity	Switch Connection
P. C. Borax Co. Spur .....	784.7	7.4 miles	East
Government Spur .....	785.0	3.7 miles	East
Government Spur .....	797.1	6.5 miles	East & West

Rule 97(A): Trains must get clearance card before leaving Barstow and Bakersfield, except at Barstow trains may proceed on clear train order signal in lieu of clearance card.

Southern Pacific time table and rules govern movement of trains Kern Junction interlocking to M.P. 817.5 at east end of Mojave yard.

Rule 251 in effect between Kern Jct. and M.P. 887.4 at Bakersfield. TCS in effect on main track and sidings between West Tower Barstow and M.P. 817.5 at Mojave.

Rule 311: At Barstow, a signal displaying a flashing yellow over lunar aspect is named "APPROACH-THIRTY" and the indication is, "Proceed; approach next signal not exceeding 30 MPH prepared to enter diverging route at prescribed speed; if exceeding medium speed, immediately reduce to medium speed."

Rule 94 in effect:

At Barstow, between M.P. 745.7 and hand throw crossover west end passenger yard.

Between Kern Jct. and M.P. 889.2 Bakersfield.

### MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	Psg. and Light	MPH	Frt.
MOJAVE DISTRICT .....	70		60
4 curves M.P. 746.4 to M.P. 747.0 .....	20		20
2 curves M.P. 747.0 to M.P. 749A.0 .....	70		60
Curve M.P. 749A.0 to M.P. 749A.8 .....	50		50
Curve M.P. 749A.8 to M.P. 750.5 .....	60		60
2 curves M.P. 816.4 to M.P. 817.5 .....	50		50
Kern Jct. to Bakersfield .....	20		20
Approaching "F" Street Crossing M.P. 887.7 .....	10		10
P. C. Borax Co. Spur .....	20		20
Government Spur M.P. 785.0 .....	20		20
Government Spur M.P. 797.1 .....	20		20

In TCS sidings, speed limit 40 MPH, except Boron—20 MPH over switch to P.C. Borax spur.

### SWITCHES—MAXIMUM AUTHORIZED SPEED

Maximum speed permitted through all yard and roundhouse turnouts and crossovers 10 MPH; all main track turnouts and crossovers 15 MPH except for spring and power controlled switches and crossovers at following locations:

"I"—Interlocked Switch. "EE"—East End.  
"S"—Spring Switch. "WE"—West End.

Station	Type	Location	MPH
Barstow	I	Inspection Yard Lead M.P. 748.9 .....	50
Barstow	I	Two Crossovers M.P. 749.2 .....	50
Barstow	I	Mojave Dist. Jct. M.P. 749A.0 .....	50
Hinkley	I	EE and WE siding .....	40
Jimgrey	I	EE and WE siding .....	40
Boron	I	EE and WE siding .....	40
Silt	I	EE and WE siding .....	40
Edwards	I	EE and WE siding .....	40
Bissell	I	EE and WE siding .....	40
Sanborn	I	EE and WE siding .....	40
Bakersfield	S	End of DT M.P. 888.2 .....	15

Normal position for spring switch at end of DT Bakersfield M.P. 888.2 is for south track.



# VALLEY DIVISION

# FIRST DISTRICT 3

WESTWARD		TIME TABLE NO. 3 October 26, 1975	Mile Post	Ruling Grade Descending Feet Per Mile	Communications, Turn Tables and Wyes	Capacity of Sidings in Feet	EASTWARD	
FIRST CLASS	11						10	FIRST CLASS
Leave Daily							Arrive Daily	
PM 12.55		BAKERSFIELD	887.7		C-R-T	Yard	PM 4.05	
	15.5	3.4		13.3		E-6726 W-6155		
		JASTRO	891.1					
	14.7	6.6		0.0		9015		
	0.0	UNA	897.7					
		7.7		9.2		E-4833 W-5963		
		SHAFTER	905.4		C-R			
	10.6	7.6		0.0				
s 1.25		WASCO	913.0		C-R	6568	s 3.35	
	15.8	6.2		0.0		8964		
		ELMO	919.2					
	15.8	5.4		0.0		9032		
		SANDRINI	924.6					
	8.4	7.7		0.0		8948		
		ALLENSWORTH	932.3					
	1.7	9.8		9.5		8999		
	2.8	8.8		4.1				
		ANGIOLA	942.1					
	1.59	0.0		4.1	C-R-Y	E-5990 W-9951	2.55	
		0.4		5.8		8879		
	0.0	7.6		10.6	C-R	E-8963 W-4490	s 2.40	
s 2.20		S. P. Crossing	967.9					
	0.0	5.3		14.6		9055		
		HANFORD	973.2					
	15.8	2.8		0.0		3515		
		SHIRLEY	978.2					
	15.8	6.2		10.6		9051		
		LATON	978.0					
	0.0	6.1		10.6		8959		
	0.0	6.1		0.0				
	0.0	0.8		0.0				
	4.2	S. P. Crossing	994.4					
		0.8			C-R T-Y	Yard	2.12 PM	
2.46 PM		CALWA	995.2					
Arrive Daily		(107.5)					Leave Daily	

(58.1) Average speed per hour

(57.1)

### STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

Location	Mile Post	Capacity in Feet	Switch Connection
Rosedale	895.7	2088	East & West
Crome	899.5	1700	West
Palmo	910.5	1400	West
Neufeld	914.7	300	East
Pond	921.2	2000	East
Stoil	936.0	4693	East & West
Alpaugh Spur	936.0	5.0 miles	West
Blanco	945.9	2400	East & West
Kings Park	963.6	7571	East & West
Pitco	970.1	850	East
Monmouth	985.6	1324	East & West

### LENGTH OF STEMS OF WYES

Corcoran	Visalia District
Calwa	Visalia District

### RAILROAD CROSSINGS AT GRADE

Location	Tracks Governed	Type
Hanford	S. P. Coalinga branch.	TCS.
Calwa	0.8 East S. P. main track.	TCS.

Trains must get clearance card before leaving Bakersfield and Calwa.

TCS in effect on main tracks and sidings, except on siding Laton, between M.P. 889.2 Bakersfield and Calwa.

Rule 94 in effect between Kern Jct. and M.P. 889.2 Bakersfield.

### MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	Psg. and Light	MPH	Frt.
FIRST DISTRICT	70		60
Bakersfield M.P. 887.5 to 889	20		20
Approaching "F" Street Crossing M.P. 887.7	10		10
2 Curves M.P. 889 to 890.1	50		50
Hanford M.P. 967.5 to 968.4	50		50
Curve M.P. 969.3 to 969.5	55		55
3 Curves M.P. 973.7 to 975.8	55		55
M.P. 994.4 to Calwa	40		40
Alpaugh Spur	20		20

In TCS sidings, speed limit 40 MPH except west siding Hanford, speed limit 20 MPH.

### SWITCHES—MAXIMUM AUTHORIZED SPEED

Maximum speed permitted through all yard and roundhouse turnouts and crossovers 10 MPH; all main track turnouts and crossovers 15 MPH except for spring and power controlled switches and crossovers at following locations:

"I"—Interlocked Switch.	"ESL"—Electric Switch Lock.
"S"—Spring Switch.	"EE"—East End.
	"WE"—West End.

Station	Type	Location	MPH
Bakersfield	S	End of DT M.P. 888.2	15
	I	Turnout WE yard to main track	15
Jastro	I	EE siding	30
	I	WE siding and crossover	40
	I	Porterville-Orosi Jct. switch	30
Una	I	EE and WE siding	40
Shafter	I	EE and WE siding and crossover	40
Wasco	I	EE and WE siding	40
Elmo	I	EE and WE siding	40
Sandrini	I	EE and WE siding	40
Allensworth	I	EE and WE siding	40
Stoil	ESL	EE and WE siding	30
Angiola	I	EE and WE siding	40
Blanco	ESL	Industry track switches	30
Corcoran	I	EE and WE east siding	40
	I	EE and WE west siding	40
Guernsey	I	EE and WE siding	40
Hanford	I	EE and WE east siding	40
	I	EE and WE west siding	20
Shirley	I	EE and WE siding	40
Laton	ESL	EE and WE siding (not signaled)	15
Conejo	I	EE and WE siding	40
Bowles	I	EE and WE siding	40
Calwa	I	Turnout EE yard to main track	15
	I	End of two tracks	30

Normal position for junction switches:

Corcoran for First District siding

Laton for First District siding

Normal position for spring switch at end of DT Bakersfield M.P. 888.2 is for south track.

### TRACK SIDE WARNING DEVICES SPECIAL RULE 7

Location	Type	Signals Affected
M.P. 946.3	Highwater	Signals 9461 and 9482

# 4 SECOND DISTRICT

# VALLEY DIVISION

WESTWARD		TIME TABLE				EASTWARD		
FIRST CLASS	Ruling Grade Descending Feet Per Mile	NO. 3		Mile Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	FIRST CLASS
11		October 26, 1975						10
Leave Daily		STATIONS						Arrive Daily
PM 2.46	2.6	CALWA	995.2	15.8	C-R T-Y	Yard		PM 2.12
	2.6	1.6 S. P. Crossing	996.8	15.8				
s 2.55	5.3	FRESNO	998.1	15.8	C	Yard		s 2.05
3.00	5.3	2.0	1000.1	15.8		1900		2.00
	5.3	HAMMOND	1000.1	15.8		8514		
	15.8	4.9 FIGARDEN	1005.0	10.6		8950		
	15.8	6.3 GREGG	1011.3	15.8	B	8984		
	15.8	8.3 MADERA	1019.6	15.8		9083		
	0.0	5.8 KISMET	1025.5	7.4		13900		
	15.8	5.7 SHARON	1031.1	15.8		8978		
	15.8	10.4 LE GRAND	1041.5	5.3		9668		
	12.7	5.8 PLANADA	1047.3	0.0		10315		s 12.55
s 4.05	17.4	8.8 MERCED	1056.1	5.3	C-R	8989		
	20.0	6.8 FLUHR	1062.9	18.0		8999		
	15.8	7.9 BALLICO	1071.7	15.8		8964		
	15.3	9.6 DENAIR	1079.6	22.7		8971		
	0.0	6.4 MODESTO-EMPIRE JCT.	1089.2	26.4		7315		s 12.15
s 4.45	15.8	6.0 RIVERBANK	1095.6	15.8	C-R	9254		PM
	15.8	8.0 ESCALON	1101.6	0.0		8968		
	5.3	10.4 DUFFY	1109.6	0.0	R-Y	7914		
	10.3	0.7 MORMON	1120.0	0.0				
	10.3	0.7 W. P. Crossing	1120.7	0.0	C-R			
s 5.15	1.8	5.2 STOCKTON	1121.4	1.6	Y	6794		s 11.45
5.21	0.5	2.7 GILLIS	1126.6	0.0	B	4881		11.36
	0.0	3.7 HOLT	1129.3	0.8	B	3674		11.29
5.29	5.3	1.8 TRULL	1133.0	11.6	B	4943		
	10.6	2.0 MIDDLE RIVER	1134.8	0.0	B			
5.36	10.6	3.0 ORWOOD	1136.8	3.2	C	3558		11.22
	0.0	3.2 BIXLER	1139.8	6.3	B	3781		11.15
5.43	6.6	3.1 KNIGHTSEN	1143.0	3.6	B	4826		
	15.8	4.2 OAKLEY	1146.1	13.2		3395		
5.50	15.8	1.8 SANDO YL	1150.3	0.0	B	5580		11.07
	6.6	3.7 ANTIOCH YL	1152.1	15.8	B	5291		
5.58	15.8	7.8 PITTSBURG YL	1155.8	15.8	C-R	6380		10.59
6.10	0.0	3.3 PORT CHICAGO YL	1163.8	0.0	C-R	5363		10.50
PM	0.0	6.5 MALTBY	1166.9	52.8		3456		AM
	52.8	2.6 GLEN FRAZER	1173.4	52.8	B	3834		
	52.8	3.1 CHRISTIE	1176.0	0.0	B	4785		
	52.8	2.4 COLLIER	1179.1	0.0	B	5184		
	29.9	1.1 PINOLE	1181.5	49.6	B			
	52.8	3.9 GATELEY	1182.6	52.8	B	5310		
	52.8	3.1 RHEEM	1186.5	51.7	B	5373		
		3.1 RICHMOND YL	1189.6		C-R T-Y	Yard		
Arrive Daily		(194.4)						Leave Daily

Trains must get clearance card before leaving Calwa and Richmond, and westward trains must get clearance card before leaving Stockton Tower.

Trains originating must get clearance card before leaving Riverbank.

No. 10 must get clearance card before leaving Port Chicago.

At Port Chicago only first class trains will register. When office of communication open, may do so by Form 903.

At Port Chicago, No. 10 will originate and No. 11 will terminate on the siding and schedule time will apply at the east siding switch, and trains and engines may use main track to clear the time of No. 10 and No. 11 as required by Rule 86(A).

TCS in effect on main tracks and sidings, except on siding Hammond, between Calwa and signal located 1550 feet west of MP 1122 Stockton.

Rule 93: Yard limits are located at:  
Du Pont to and including Pittsburg,  
Port Chicago and  
Richmond.

### MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	Psgr. and Light	MPH	Frt.
SECOND DISTRICT	70		60
Calwa to M.P. 996.8	40		40
M.P. 996.8 to 1002.0	20		20
M.P. 1002.0 to 1003.2	50		50
Merced M.P. 1055.7 to 1057.0	30		30
Curve M.P. 1087.9 to 1088.1	50		50
Escalon M.P. 1101.4 to 1102.0	60		60
Curve M.P. 1119.1 to 1119.5	60		60
Stockton M.P. 1120.0 to 1122.0 (Lincoln St.)	20		20
Track M.P. 1134.7 to 1136.4	30		30
Curve M.P. 1139.5 to 1139.8	65		60
Antioch M.P. 1151.3 to 1152.3	45		45
Pittsburg M.P. 1155.4 to 1156.1 (Railroad Ave.)	24		24
2 Curves M.P. 1161.3 to 1161.9	50		50
4 Curves M.P. 1167.3 to 1168.6	50		50
2 Curves M.P. 1168.6 to 1170.5	60		60
26 Curves and Tunnel No. 3 M.P. 1170.5 to 1180.9	45		45
4 Curves M.P. 1180.9 to 1182.5	55		55
4 Curves M.P. 1184.7 to 1187.8	50		50
1 Curve M.P. 1187.8 to 1189.0	45		45
2 Curves M.P. 1189.0 to 1189.6	20		20
Oakdale Spur	30		30

In TCS sidings, speed limit 40 MPH.

### TRACK SIDE WARNING DEVICES SPECIAL RULE 7

Location	Type	Signals Affected
M.P. 1012.1	Dragging Equipment	Rotating white lights located at M.P. 1010.7

(Continued on Page 5)

(49.5) Average speed per hour

(49.5)

(Continued from Page 4)

**SWITCHES—MAXIMUM AUTHORIZED SPEED**

Maximum speed permitted through all yard and roundhouse turnouts and crossovers—10 MPH; all main track turnouts and crossovers—15 MPH; except for spring and power controlled switches and crossovers at following locations:

- "I"—Interlocked Switch.
- "S"—Spring Switch.
- "EE"—East End.
- "WE"—West End.

Station	Type	Location	MPH
Calwa	I	2 crossovers MP 996.8	30
	I	Turnout yard lead to south main track MP 996.8	30
Fresno	I	End of two tracks	20
Figarden	I	EE and WE siding	40
Gregg	I	EE and WE siding	40
Madera	I	EE and WE siding	40
Kismet	I	EE and WE siding	40
Sharon	I	EE and WE siding	40
Legrand	I	EE and WE siding	40
Planada	I	EE and WE siding	40
Merced	I	EE siding	40
	I	WE siding	30
Fuhr	I	EE and WE siding	40
Ballico	I	EE and WE siding	40
Denair	I	EE and WE siding	40
Empire	I	EE and WE siding	40
Riverbank	I	EE and WE of lead	15
	I	EE and WE siding	40
Escalon	I	EE and WE siding	40
Duffy	I	EE and WE siding	40
Mormon	I	EE siding	40
	I	2 crossovers	30
Stockton	I	WE siding	30
Gillis	S	EE and WE siding	30
Holt	S	EE and WE siding	30
Trull	S	EE and WE siding	30
Orwood	I	EE siding	15
	S	WE siding	30
Bixler	S	EE and WE siding	30
Knightsen	S	EE and WE siding	30
Sando	S	EE siding	30
Antioch	S	WE siding	30
Pittsburg	S	EE siding	15
	S	WE siding	30
Port Chicago	S	EE and WE siding	30
Maltby	S	EE and WE siding	30
Glen Frazer	S	EE and WE siding	30
Christie	S	EE and WE siding	30
Collier	S	EE and WE siding	30
Gateley	S	EE and WE siding	30
Rheem	S	EE and WE siding	30

Rule 321: At San Joaquin River Bridge when west signal located at M.P. 1123.7 or eastward signal located at M.P. 1124.0 or at Middle River Bridge westward signal located at M.P. 1134.6 or eastward signal located at M.P. 1134.9 indicate "stop," trains must stop, unless otherwise restricted, proceed with member of crew preceding movement over bridge and movement must be made at restricted speed to the next governing signal.

At Sando, westward train on main track meeting eastward train must not pass preliminary board until Signal 11503 assumes stop position; westward train on siding must occupy spotting section two minutes with switch reversed, after which signal governing movement from west end of siding to main track will clear if main track is unoccupied.

At Glen Frazer, when Signal 11731 or signal governing movement from west end siding to main track is in stop position train may obtain proceed signal if route is clear by inserting switch key in governing signal box and turning to right. When westward train on auxiliary siding, signal governing movement from auxiliary track to main track is in stop position, may obtain proceed signal if route is clear by lining switch for main track.

At Christie, eastward train on main track to meet westward train, must not pass preliminary board in advance of Signal 11752 until westward train has entered siding. Eastward train on siding must remain west of spotting section, until ready to depart. Spotting section designated by sign near dwarf signal at east end of siding. Eastward train, when ready to proceed, must occupy spotting section between sign and dwarf signal; signal will clear in 45 seconds if main track is clear between west end of Glen Frazer and Signal 11782 at east end of Collier. If train is occupying section of main track between east end of Christie and Signal 11782 at east end of Collier, the signal will not clear before two and one-half minutes.

**LENGTH OF STEMS OF WYES**

Location	Feet
Calwa	Visalia District
Mormon	2610
Stockton	678

Normal position for junction switches:  
Hammond for Second District siding

**STATIONS OR TRACKS NOT SHOWN IN SCHEDULE**

Location	Mile Posts	Capacity in Feet	Switch Connection	Location	Mile Posts	Capacity in Feet	Switch Connection
Trigo	1014.3	1984	East & West	Woodsbro	1125.5	—	—
Tuttle	1050.7	2575	East & West	Rockwell	1114.8	903	East & West
Kadota	1052.1	1072	East & West	Werner	1138.8	1185	East & West
Pritchard	1058.9	998	East	Du Pont	1147.6	3473	East & West
Winton	1065.4	1049	East & West	East Antioch	1149.2	6350	East & West
Hughson	1085.8	2047	East & West	Zee	1149.7	3163	East & West
Claus	1092.8	2228	East & West	Monsanto	1165.8	2304	East & West
Oakdale Spur	1095.6	6.5 miles	East	Muir	1170.6	2680	East
Burnham	1112.5	400	East	Bethlehem Steel	1184.5	1562	East & West
				San Pablo	1187.8	584	East & West

**RAILROAD CROSSINGS AT GRADE**

Location	Tracks Governed	Type
Calwa	1.6 West S. P. Porterville branch.	TCS.
Oakdale	S. P. Oakdale branch.	98(B), 98(C).
Stockton Tower	W. P. and S. P. main tracks and transfer tracks.	Interlocking.
Orwood	0.8 East Drawbridge and siding.	Interlocking.
Pittsburg	0.9 East Lead to Columbia Steel over S. N.	98(B), 98(C) and Bulletin Instructions.
Pittsburg	0.2 West Lead to Johns Manville over S. N.	98(B), 98(C) and Bulletin Instructions.
Pittsburg	0.9 West Lead to P. G. & E. plant over S. N. main track.	Stop. Gate. Bulletin Instructions.



WESTWARD ↓	TIME TABLE				EASTWARD ↑
	Rolling Grade Descending Feet Per Mile	NO. 3 October 26, 1975	Mile Post	Rolling Grade Descending Feet Per Mile	
		STATIONS		Communications Turn Tables and Wyes	Capacity of Sidings in Feet
		JASTRO	114.0		E 6726 W 6155
0.0	-0.5	LANDCO YL	113.5	13.3	B-Y 1450
51.5	-2.8	OIL JUNCTION YL	110.7	0.0	B 1436
	-38.8	DUCOR YL	71.9		B
52.8	-5.9	ULTRA	66.0	52.8	2454
52.8	-7.0	PORTERVILLE JCT. YL	59.0	52.8	
	-0.8	S. P. Crossing			
33.2	-6.3	PORTERVILLE YL	58.2	0.0	C-Y 2193
52.8	-5.2	STRATHMORE JCT.	51.9	52.8	1645
31.4	-7.5	LINDSAY YL	46.7	31.1	C 2732
34.8	-7.5	EXETER YL	39.2	15.8	C 1729
0.0	-0.3	Visalia Elect. Crossing	38.9	15.8	
5.3	-2.2	VENIDA	36.7	15.8	844
8.9	-5.5	HILLMAID	31.2	21.1	
30.8	-0.1	Visalia Elect. Crossing	31.1	20.8	
30.8	-1.0	REDBANKS	30.1	20.8	843
20.8	-1.8	CAIRNS	28.3	0.0	564
17.4	-1.4	RAYO	26.9	0.0	958
17.4	-6.3	WYETH YL	20.6	15.3	
26.8	-1.6	CUTLER YL			Y
	-1.6	WYETH YL	20.6	0.0	C 3371
0.0	-2.0	OROSI YL	18.6	14.4	Y
15.2	-6.4	ORANGE COVE YL	12.2	30.3	B 1283 C 2173
(101.8)					

Southern Pacific time table and rules govern between Oil Junction and Ducor.

Rule 93: Yard limits are located at:

- Jastro to Oil Jct.,
- Ducor (Santa Fe tracks only),
- Porterville to and including Porterville Jct.,
- Lindsay,
- Exeter,
- Cutler to and including Wyeth and
- Wyeth to and including Orange Cove via Orosi.

**MAXIMUM AUTHORIZED SPEED FOR TRAINS**

LOCATION	MPH
PORTERVILLE-OROSI DISTRICT	40
Track M.P. 11.2 to 13.0	10
Track M.P. 13.0 to Cutler	25
Exeter M.P. 39.1 to 39.6	20
Lindsay M.P. 46.1 to 47.1	20
2 Curves M.P. 61.5 to 62.1	30
Between Oil Junction and Jastro	20
Woodlake Spur	10
Strathmore Spur	15
Sunland Spur	15

**SWITCHES—MAXIMUM AUTHORIZED SPEED**

Maximum speed permitted through all yard and roundhouse turn-outs and crossovers 10 MPH; all main track turnouts and crossovers 15 MPH except for spring and power controlled switches and crossovers at following locations:

- "I"—Interlocked Switch.
- "S"—Spring Switch.
- "EE"—East End.
- "WE"—West End.

Station	Type	Location	MPH
Landco	S	Stem of wye	10
	S	EE siding	15

Normal position of junction switches:  
Wyeth for Porterville-Orosi District

**LENGTH OF STEMS OF WYES:**

Location	Feet
Landco	1300
Wyeth	1.6 Miles
Porterville	1143

**RAILROAD CROSSINGS AT GRADE**

Location	Tracks Governed	Type
Hillmaid . . . . . 0.1 West	Visalia Elec.	98(B) and 98(C)
Exeter . . . . . 0.3 West	Visalia Elec.	98(B) and 98(C)
Porterville . . . . . 0.8 East	S. P. Success branch.	98(B) and 98(C)

**STATIONS OR TRACKS NOT SHOWN IN SCHEDULE**

Location	Mile Post	Capacity in Feet	Switch Connection
Woodlake Spur	33.5	2.2 miles	West
Winco	32.4	752	East & West
Neil	40.6	1000	West
Cleary	44.4	1277	West
Strathmore Spur	52.0	1.2 miles	East
Euclid	54.3	1100	West
Sunland Spur	61.4	1 mile	West
Magnolia	61.9	700	East

VISALIA DISTRICT

WESTWARD ↓	TIME TABLE NO. 3 October 26, 1975						EASTWARD ↑
	Ruling Grade Descending Feet Per Mile	STATIONS		Mile Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	
		CORCORAN	YL	0.3		C-R-Y	Yard
0.0	14.7	S. P. Crossing			28.5		
		TULARE	YL	15.0			1081
0.0	5.2	LOMA		20.2			
0.0	5.0	VISALIA	YL	25.2		C	2338
16.2	6.6	S. P. Crossing			0.0		
0.0	1.5	PERAL		31.8			1509
0.0	2.9	S. P. Crossing			11.6		
0.0	2.9	CALGRO		36.2		B	
15.9	2.3	CUTLER	YL	38.5		C	3380
0.0	3.2	SULTANA		41.7			1648
18.2	3.4	DINUBA		45.1			2722
0.0	3.7	REEDLEY	YL	48.8		C-Y	Yard
0.0	2.2	LAC JAC		51.0			1137
0.0	2.4	PARLIER	YL	53.4			3487
2.5	5.1	DEL REY	YL	58.5			2651
7.9	3.4	CASTY		61.9			2246
8.5	2.5	LONE STAR	YL	64.4			1626
10.6	4.5	CALWA	YL	68.9		C-R T-Y	Yard
		(68.6)					

WAHTOKE DISTRICT

WESTWARD ↓	TIME TABLE NO. 3 October 26, 1975						EASTWARD ↑
	Ruling Grade Descending Feet Per Mile	STATIONS		Mile Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	
31.7	2.1	MINKLER		8.6			1147
0.0	1.2	OELLA		6.5			
0.0	1.4	WAHTOKE		5.3			850
41.4	3.9	RADWIN		3.9			1679
	0.0	REEDLEY		0.0		C-Y	Yard
		(8.6)					

Trains must get clearance card before leaving Calwa.

At Cutler trains may register by Form 903 during hours office open.

Rule 93: Yard limits are located at:

- Corcoran (Visalia District only)
- Tulare
- Visalia
- Cutler
- Reedley
- Parlier
- Del Rey
- Lone Star
- Calwa (Visalia District only)
- Wahtoke District

MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	MPH
VISALIA DISTRICT	40
Tulare M.P. 14.3 to 15.9	20
Visalia M.P. 24.5 to 26.0	15
Reedley M.P. 48.2 to 49.5	20
Parlier M.P. 53.1 to 53.6	24
Del Rey M.P. 58.4 to 58.8	24
WAHTOKE DISTRICT	25

Maximum speed permitted through all yard and roundhouse turnouts and crossovers 10 MPH; all main track turnouts and crossovers 15 MPH.

Normal position of junction switches:

- Corcoran for First District siding
- Cutler for Visalia District
- Reedley for Visalia District
- Reedley SP connection M.P. 49.5 for Visalia District
- Lac Jac SP connection M.P. 50.7 for Visalia District

Length of stems of wyes:

- Corcoran.....Visalia District
- Calwa.....Visalia District
- Reedley.....Wahtoke District

STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

VISALIA DISTRICT

Location	Mile Posts	Capacity in Feet	Switch Connection
Higby	22.1	634	East & West
Enson	43.9	700	East
Mattei Spur	65.2	2.2 miles	West

RAILROAD CROSSINGS AT GRADE

Location	Tracks Governed	Type
Tulare	S. P. main track.	Interlocking. Bulletin Instructions.
Visalia	S. P. Visalia branch.	98(B) and 98(C)
Peral . . . 1.5 West	S. P. Porterville branch.	98(B) and 98(C)

# 8 OAKLAND, OIL CITY AND FRESNO INTERURBAN DISTRICTS

# VALLEY DIVISION

## OAKLAND DISTRICT

WESTWARD ↓	TIME TABLE NO. 3 October 26, 1975		Mile Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	EASTWARD ↑
	Ruling Grade Descending Feet Per Mile	STATIONS					
		RICHMOND	0.0		C-R T-Y	Yard	
	39.6	4.5 EL CERRITO	4.5	64.4	B	850	
	31.7	3.5 BERKELEY	8.0	22.7	B	1000	
	79.4	2.9 OAKLAND 40th and San Pablo	10.9	0.0	Y	Yard	
		(10.9)					

Train and engine movements between Richmond and Oakland will be made in accordance with Rule 127.

Engine bell must ring continuously while moving between Richmond and Oakland.

## OIL CITY DISTRICT

WESTWARD ↓	TIME TABLE NO. 3 October 26, 1975		Mile Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	EASTWARD ↑
	Ruling Grade Descending Feet Per Mile	STATIONS					
		OIL JUNCTION	308.6		B-Y	1436	
	0.0	2.2 SEGURO	310.8	21.1		1481	
	0.0	0.8 MALTHA	311.6	10.5		1149	
		(3.9)					

Rule 93: Yard limits Oil Junction to Maltha, inclusive.

## FRESNO INTERURBAN DISTRICT

WESTWARD ↓	TIME TABLE NO. 3 October 26, 1975		Mile Post	Ruling Grade Descending Feet Per Mile	Capacity of Sidings in Feet	EASTWARD ↑
	Ruling Grade Descending Feet Per Mile	STATIONS				
		HAMMOND	0.0			
	0.0	2.0 CINCOTA	2.0	0.0	350	
	0.0	0.4 BARTONETTE	2.4	0.0	300	
	0.0	2.6 CAMEO	5.0	0.0	1200	
	0.0	2.2 BURNES	7.2	0.0	300	
	0.0	5.8 FAIRVIEW	13.0	0.0	1200	
	10.6	1.2 BIG BUNCH	14.2	42.2	350	
	8.4	1.0 ZEDIKER	15.2	15.3	700	
	0.0	0.5 RIVERBEND	15.7	9.5	500	
	42.2	1.0 ELK	16.7	31.7	200	
	0.0	0.2 BELMONT AVE.	16.9	10.6		
		(16.9)				

Rule 93: Yard limits Hammond to Belmont Ave., inclusive.

Normal position of junction switches:  
Hammond for Second District siding.  
Cameo for Southern Pacific Railroad.

## MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	MPH
OAKLAND DISTRICT	20
Track M.P. 0.0 to 10.2	20
Track M.P. 10.2 to 10.8	15
Track M.P. 10.8 to 10.9	5
FRESNO INTERURBAN DISTRICT	10
OIL CITY DISTRICT	20

Maximum speed permitted through all yard and roundhouse turnouts and crossovers 10 MPH; all main track turnouts and crossovers 15 MPH.

## RAILROAD CROSSINGS AT GRADE

Location	Tracks Governed	Type
Oakland ... 0.7 West	S. P., O. T. Ry., single slip switch crossings.	Bulletin Instructions.
Oakland ... 1.1 West	S. P. West Oakland connection.	98(B) and 98(C)
Oakland ... 1.8 West	O. T. Ry.	Bulletin Instructions.

## STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

### OAKLAND DISTRICT

Location	Mile Posts	Capacity in Feet	Switch Connection
Conlon	3.3	150	East & West
Fairmount Avenue	5.7	100	West

### FRESNO INTERURBAN DISTRICT

Hammer Field Spur	4.9	1 Mile	East
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## LENGTH OF STEMS OF WYES:

Oakland (new)	1800 ft.
Oakland (old)	320 ft.
Richmond	Oakland District





6. Rule 759: Following is a list of structures:

Mile Post	Location	Description
746.5	Barstow viaduct over passenger yard tracks and house tracks 1 to 4, inclusive	Highway Bridge
888.5	Bridge 888.5	Highway Bridge
888.8	Bridge 888.75	Highway Bridge
1096.7	Bridge 1096.719	Truss Bridge
1166.4	Bridge 1166.47	S. P. Bridge
1166.5	Bridge 1166.48	Highway Bridge
1169.3	Bridge 1169.3	Highway Bridge
1170.2	Between Maltby and Muir	Tunnel No. 1
1171.0	Between Muir and Glen Frazer	Tunnel No. 2
1173.6	Between Glen Frazer and Christie	Tunnel No. 3
1183.1	Bridge 1183.1-A	Road Bridge
1190.5	Between Richmond and Ferry Point	Tunnel No. 5

7. Rule 105(A) Track side Warning Devices:

When dragging equipment indicators actuated, stop and inspect train.

When rock slide indicated, trains must proceed at restricted speed until track at this location is known to be clear.

When trains stopped at signals in connection with high water indicator, bridge and track must be inspected before proceeding over bridge.

Abnormal heat from hot wheels (sticking brakes), overheated journals, traction motor or suspension bearings, will actuate track side indicators causing rotating white light to illuminate at detector (scanner) and locator locations. Dragging equipment will also activate wayside indicators.

When actuated by a train, stop must be made at locator, readout observed and instructions in locator cabinet complied with. If abnormal heat or dragging equipment is not found on equipment indicated by locator, close inspection must be made on three cars (or units) on either side of indicated equipment.

If lamp or counters fail to show location of overheated equipment, the entire train must be thoroughly inspected for hot journals, wheels, bearings, or dragging equipment.

On inspections required above, give particular attention to heat of journals and hub of wheels. If nothing found wrong, train may proceed at prescribed speed, but must make two stops within next 60 miles at approximately 30 mile intervals for thorough inspection of train, unless train passes an intervening hot box detector or train is delivered to terminal where mechanical inspection is made. At crew change points where mechanical inspections are not made, inbound crew will inform relieving crew of existing condition.

When track side indicator is illuminated before train reaches scanner, stop must be made and locator observed unless otherwise instructed by train dispatcher. If any lamps are lighted, be governed by the three preceding paragraphs. If no lamps are lighted, train may proceed at prescribed speed and be observed closely enroute.

When suspected journal on freight equipment indicated by locator is a roller bearing journal, the car must be set out unless cause found to be sticking brakes and condition corrected.

When a train is stopped by detector, Form 1572 Standard must be filed at first office of communication.

Trains must not exceed speed of 30 MPH while moving over hot box detectors (scanners) when:

- (a) it is snowing or sleeting; or
- (b) there is snow on ground which can be agitated by a moving train.

**SPEED REGULATIONS**

8. Freight trains averaging 85 tons or more per car, or having 5000 tons or more, must not exceed 45 M.P.H.

9. Between Barstow and Mojave and between Bakersfield and Stockton, freight trains may observe passenger train speed but not to exceed 70 MPH, provided:

- (1) Maximum district speed is 60 MPH for freight trains.
- (2) Train does not exceed 5000 tons.
- (3) Train does not exceed 90 cars.
- (4) Train does not average more than 75 tons per car.
- (5) Locomotive can control speed to 70 MPH without use of air brakes.

10. . . . .

11. In freight and mixed service with dynamic brake not in use maximum speed on descending grades as follows:

- 1.0 to 1.5% (52.8 to 79.2 feet per mile) . . . . . 30 MPH
- 1.5 to 2.0% (79.2 to 105.6 feet per mile) . . . . . 25 MPH
- 2.0% (105.6 feet per mile) . . . . . 15 MPH

12. Where street or highway crossings are shown, speed limit applies only while head end of train is passing.

13. Trains or engines using siding must not exceed turnout speed for that siding.

14. **MAXIMUM SPEED OF ENGINES**

Engines	Forward or dead in train MPH	When not controlled from lead unit MPH
Amtrak 100-539, 5687-5714, 5930-5948* . . . . .	90**	45
1150, 1218-1260, 1418-1441, 1500-1537, 2322, 2393 . . . . .	45	45
ALL OTHER CLASSES . . . . .	70	45

Forward speed applies when lead unit of train is controlling and is in backing position.

EXCEPTION: When such unit is car body type, maximum authorized speed 45 MPH.

\*Units 5930, 5931, 5935 and 5938 restricted to 70 MPH until Gear Ratio changed to 59:18.

\*\*Engine without cars must not exceed 70 MPH.

15. Rule 108: Equipment listed below must not be moved through water above top of rail greater than the depths and not in excess of the speeds shown:

**MAXIMUM DEPTH OF WATER THROUGH WHICH ENGINES MAY BE OPERATED AND MAXIMUM SPEED IN SUCH OPERATION**

All Classes . . . . .	Maximum depth above top of rail (inches)	Maximum speed (MPH)
	4	5

16. Derricks, cranes, pile drivers, spreaders and similar machinery moving on their own running gear must not be moved in trains except on authority of trainmaster and trains handling such equipment must not exceed speeds indicated below:

District	Pile Drivers AT-199454 AT-199455 AT-199457 AT-199458 AT-199459 Derrick AT-199720 and Jordan Spreaders	Other Wrecking Derricks	Pile Drivers AT-199452 AT-199453 AT-199456 AT-199476 AT-199482 Other Machines
Mojave, First, Second . . . . .	MPH 45	MPH 40	MPH 30
Oakland, Porterville-Orosi and Visalia . . . . .	20	20	20
All other Districts . . . . .	15	15	15

Derrick AT 199720 and pile drivers must be handled in trains next to engine.

All foreign line scale test cars must be handled in trains immediately ahead of caboose at speed not exceeding 50 MPH.



**SPEED TABLE—FOR INFORMATION ONLY**

Time Per Mile Min. Sec.	Miles Per Hour	Time Per Mile Min. Sec.	Miles Per Hour	Time Per Mile Min. Sec.	Miles Per Hour
.. 36	100	.. 58	62.1	1 40	36.0
.. 37	97.3	.. 59	61.0	1 42	35.3
.. 38	94.7	1 ..	60.0	1 44	34.6
.. 39	92.3	1 02	58.0	1 46	34.0
.. 40	90.0	1 04	56.2	1 48	33.3
.. 41	87.8	1 06	54.5	1 50	32.7
.. 42	85.7	1 08	52.9	1 52	32.1
.. 43	83.7	1 10	51.4	1 54	31.6
.. 44	81.8	1 12	50.0	1 56	31.0
.. 45	80.0	1 14	48.6	1 58	30.5
.. 46	78.3	1 16	47.4	2 ..	30.0
.. 47	76.6	1 18	46.1	2 05	28.8
.. 48	75.0	1 20	45.0	2 10	27.7
.. 49	73.5	1 22	43.9	2 15	26.7
.. 50	72.0	1 24	42.9	2 30	24.0
.. 51	70.6	1 26	41.9	2 45	21.8
.. 52	69.2	1 28	40.9	3 ..	20.0
.. 53	67.9	1 30	40.0	3 30	17.1
.. 54	66.6	1 32	39.1	4 ..	15.0
.. 55	65.5	1 34	38.3	5 ..	12.0
.. 56	64.2	1 36	37.5	6 ..	10.0
.. 57	63.2	1 38	36.8	12 ..	5.0

**AVOID DAMAGE—SWITCH CUSTOMERS' CARS CAREFULLY**

Damage to freight or car can be avoided by always keeping coupling speed within the safe range—NOT OVER 4 MILES PER HOUR—A BRISK WALK.

*Handle freight carefully and keep our customers.*

**IT'S EVERYBODY'S JOB ON THE SANTA FE!**

**THE SANTA FE EMPLOYEES COAST LINES  
HOSPITAL ASSOCIATION**

DR. C. J. MONAHAN,  
MEDICAL DIRECTOR - CHIEF EXECUTIVE OFFICER  
Los Angeles, Calif.

R. W. WELLS, GENERAL WATCH INSPECTOR  
Topeka, Kansas

For name and address of local surgeons and local watch inspectors, refer to bulletin book

**SYMBOL FREIGHT TRAIN SCHEDULES  
VALLEY DIVISION**

(for information only)

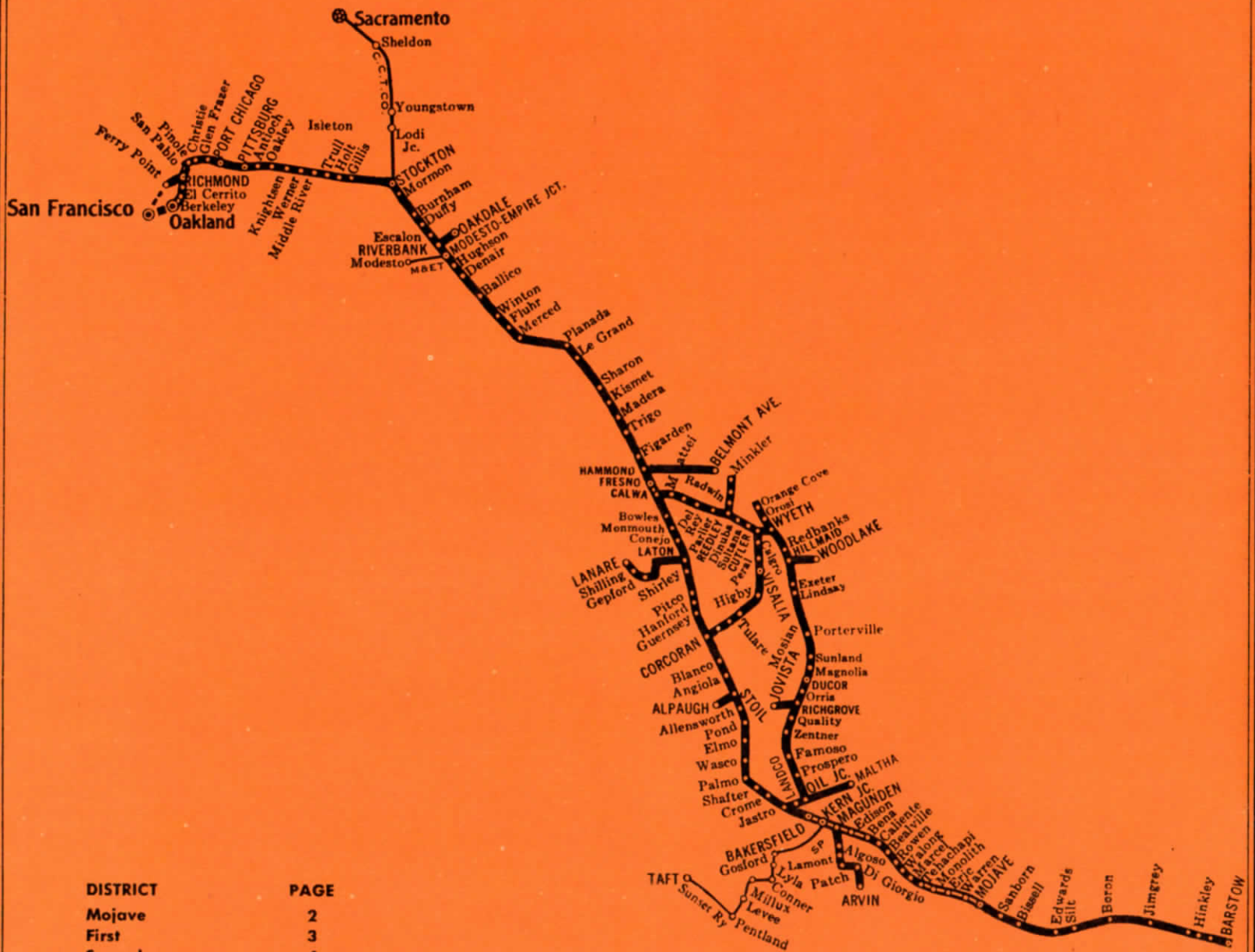
**WESTWARD TRAINS**

	Barstow		Bakersfield		Calwa		Mormon		WP	Richmond
	Arr.	Dept.	Arr.	Dept.	Arr.	Dept.	Arr.	Dept.		Arr.
129	11:00P	12:15A	4:50A	5:40A	7:20A	7:30A				12:01P
809	2:00A	3:00A	10:00A	4:00P	8:00P	9:30P	7:00A	10:00A		4:00P
679	3:25A	4:25A	9:25A	10:50A	12:50P	1:10P	3:30P	3:40P		5:30P
709	5:10A	6:25A	11:25A							
319	6:15A	7:30A	12:30P	1:25P	3:25P	3:35P	6:15P	6:35P		8:35P
199	7:20A	8:20A	12:05P	12:15P	2:00P	2:10P				6:00P
119	9:00A	10:15A	2:50P	3:40P	5:20P	5:30P		8:00P		10:00P
869	10:40A	11:45A	4:45P	6:05P	8:05P	9:15P	12:15A	3:45A	1:00A	7:00A
309	6:15P	7:30P	12:30A	1:25A	3:25A	3:35A	6:15A	6:35A		8:35A

**EASTWARD TRAINS**

	Richmond	WP	Mormon		Calwa		Bakersfield		Barstow	
	Dept.		Arr.	Dept.	Arr.	Dept.	Arr.	Dept.	Arr.	
905							1:00A		6:35A	
903	2:30A				7:00A	7:10A	11:00A	12:30P	5:50P	
991	4:00A				8:00A	8:10A	10:00A	10:15A	2:20P	
901	4:00A		6:05A	6:30A	9:05A	9:30A	11:45A	2:00P	7:15P	
943								11:00A	4:15P	
918			Daily except Sat. and Sun.						11:30A	6:30P
913	2:30P				7:00P	7:10P	11:00P	12:30A	5:50A	
968	3:00P	6:00P		7:00P	10:35P	10:45P	1:30A	5:30A	11:00A	
908	9:15P			11:45P	5:00A	6:00A	10:00A	11:30A	6:30P	
917								2:00P	7:35P	
3335	11:00P			2:30A	7:30A	8:30A	12:30P			





DISTRICT	PAGE
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Laton	9
Arvin	9

**VALLEY DIVISION**