

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

ASSISTANT SUPERINTENDENT C. F. LILLEY Richmond, Calif. **TRAINMASTERS** K. R. HATFIELD Bakersfield, Calif. G. C. DADO Fresno, Calif. S. P. GEORGE Stockton, Calif. S. F. CROOK Richmond, Calif. **RULES INSTRUCTOR** R. C. VAN AUSDALL Fresno, Calif. **ASSISTANT TRAINMASTERS** L. D. BURT Bakersfield, Calif. D. R. FARFAN Fresno, Calif. L. B. HARTMAN (Mgr. R. F. O.) Pittsburg, Calif. **ROAD FOREMEN OF ENGINES** B. T. JOHNSTON Bakersfield, Calif. M. E. BROOKS Fresno, Calif. **SAFETY SUPERVISOR** J. T. WILSON Fresno, Calif. **COAST LINES** J. E. THORNTON Los Angeles, Calif. Supervisor of Air Brakes and General Road Foreman of Engines A. C. HENDERSON Los Angeles, Calif. Road Foreman of Engines (AMTRAK) CHIEF TRAIN DISPATCHERS' OFFICE—FRESNO J. E. SIKES, Chief Dispatcher **ASSISTANT CHIEF DISPATCHERS** J. B. BONESTEEL C. C. GRAHAM D. R. MACIEL, JR. TRAIN DISPATCHERS R. D. RILEY B. J. FLEMING B. E. WALDRUM G. E. BOWMAN G. L. RICHARDSON D. F. PAULS

T. B. ROSAL

M. A. LARSON

J. Q. CASTRO

D. M. ILER

M. S. BYRNE

The Atchison, Topeka and Santa Fe Railway Co.



VALLEY DIVISION

TIME TABLE No.

10

IN EFFECT

Sunday, April 24, 1983

At 12:01 A.M.
Pacific Standard Time

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

Q.W. TORPIN General Manager LOS ANGELES, CALIF.

D.M. MILLER - W.W. TOLIVER R.T. DENNISON Assistant General Managers LOS ANGELES, CALIF.

> J.M. MARTIN Superintendent FRESNO, CALIF.

2 MOJAVE AND ARVIN DISTRICTS

VALLEY DIVISION

WESTWARD		TIME TABLE					EASTWAR
¥		NO. 10			5	dings	↑
\	Ruling Grade Descending Feet Per Mile	April 24, 1983	Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	A
	Rulin Descr Feet	STATIONS	Mile Post Ruling Gra Descending	Rulin Desc Feet	Cemn Turn and V	Capa ii Fe	
	7.7	BARSTOW	746.4		C-R-Y	Yard	
	24.5	HINKLEY	757.2	34.3	· -	8011	
		15.8 JIMGREY	772.9	34.3		8034	
	26.9	BORON	784.0	28.0	С	8052	
	34,3	SILT	789.6	0.0		8004	
_	19.0	EDWARDS	797.1	26.4		8007	
	0.0	BISSELL	803.6	34.3		8019	
	26.4	SANBORN	810.1	24.3		8772	
	0.0	5.6 MOJAVE (70.1)	814.7	52.8	C-R	Yard	
		KERN JUNCTION	885.2	15.0	C-R		
	0.0	BAKERSFIELD	887.7	15.8	C·R-T	Yard	
		(139.5)					

SWITCHES-MAXIMUM AUTHORIZED SPEED

Maximum speed permitted through turnout of other than main track switches 10 MPH; all main track turnouts and crossovers 15 MPH except for spring and interlocked switches and crossovers at following locations:

"I"—Interlocked Switch.

"EE"—East End.
"WE"—West End.

"S"—Spring Switch.

Station	Type	location	MPH
Barstow		M.P. 743.6 two main track crossovers	50
Barstow	- 1	M.P. 743.6 guxiliary vard entry	50
Barstow	- 1	M.P. 745.7 EE Passenger Siding	20
Barstow	1	M.P. 745.8 Crossover	50
Barstow	ı	M.P. 745.9 Yard Entry	50
Barstow	ı	M.P. 746.8 WE Passenger Siding	20
Barstow	ı	Crossover M.P. 746.8	50
Barstow	ı	Departure Yard Lead M.P. 746.8	50
Barstow	- 1	Inspection Yard Lead M.P. 746.9	50
Barstow	- 1	Inspection Yard Lead M.P. 748.9	50
Barstow	I	North Departure Yard Lead M.P. 749.0	50
Barstow	- 1	South Departure Yard Lead M.P. 749.1	50
Barstow	ı	2 Crossovers M.P. 749.2	50
Barstow	- 1	Mojave District Jct. M.P. 749A.0	50
Barstow	1	Mojave District Receiving Yard Lead M.P. 749A.9.	30
Hinkley	ı	EE and WE siding	40
Jimgrey	ı	EE and WE siding	40
Boron	- 1	EE and WE siding	40
Silt	- 1	EE and WE siding	40
Edwards	- 1	EE and WE siding	
Bissell	1	EE and WE siding	40
Sanborn	i	EE and WE siding	40
Kern Jct.	ĺ	Jct. to S.P.	⊒0
Bakersfield	S	End of DT M.P. 888.2	. 15

BARSTOW YARD	
Maximum Speed Through Following Power Switches:	МРН
EE and WE Inspection Yard Tracks I-2 and I-3 (Interlocked)	50
Jct. of High and Low Leads on Yard Entry Track from Needles	30
Crossovers Between First and Mojave Dist. Yard Entry Tracks	30
EE and WE All Receiving Yard Tracks	30
EE Departure Yard Tracks D-1 through D-5	30
WE All Departure Yard Tracks	30
EE Departure Yard Tracks D-6 through D-10	15

Rule 97(A): Trains must get clearance card before leaving Barstow and Bakersfield.

Southern Pacific time table and rules govern movement of trains Kern Junction interlocking to M.P. 814.5 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 Barstow and M.P. 814.5 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:

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

MAXIMUM AUTHORIZED SPEED FOR TRAINS					
LOCATION Psgr.	Frt.				
MOJAVE DISTRICT 70	60				
SPEED RESTRICTIONS	MPH				
2 curves M.P. 746.4 to 747.0	50				
Curve M.P. 747.0 to 749A.0	60				
Curve M.P. 749A.0 to 749A.8	45				
Curve M.P. 749A.8 to 750.5	50				
Curve M.P. 750.5 to 751.3	60				
2 curves M.P. 813.5 to 814.5	40				
Kern Jct. to Bakersfield	20				
Approaching "F" Street Crossing M.P. 887.7	10				
P. C. Borax Co. Spur	20				
Government Spur M.P. 785.0	20				
Government Spur M.P. 797.1	20				

In TCS sidings, speed limit 40 MPH, except Boron – Restricted Speed while head end of train is passing over switches to P.C. Borax Spur, and east and west end house track, and at Edwards over wye switches.

ARVIN DISTRICT		 	٠.	 	٠.		٠.	 ٠.	•	٠.	20
SPEED RESTRICTIONS											
Curve M. P. 316.7 to	317.1	 		 		 		 			 10
Curve M.P. 324.2 to	324.4	 		 		 		 			 10
Curve M.P. 329.7 to	329.9	 , , ,	٠.	 		 		 			 10

		ARVIN	DISTRICT	1			
WESTWARD	Ruling Grade Descending Feet Per Mile	TIME TABLE NO. 10 April 24, 1983	Past	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	ity of Sidings et	→ EASTWARD
\	Rulin Descr Feet	STATIONS	Mile Past	Rulin Desce Feet	Comm Turn and W	Capacity in Feet	
	37.0	ARVIN YL	333.1	40.0		4859	
	42.2	DI GIORGIO YL RIBIER YL	328.8	42.2	Y		
	43.3	RIBIER YL	326.8	0.0		3273	
	43.3	LAMONT YL		0.0		2643	
	43.3	WEST LAMONTYL	323.5	0.0	,		
	43.3	ALGOSO YI	316.9	0.0		i——	
	70.0	MAGUNDEN YL	316.6	0.0			
	i	(16.5)	[ı		ļ	

Rule 93: Yard limits Arvin to Magunden, inclusive.

	LENGTH OF STEMS OF WYES	l
Barstow	MOJAVE DISTRICT Mojave District	ļ
Edwards		
Di Giorgio	ARVIN DISTRICT 500 Ft.	ļ
	STATIONS OR TRACKS NOT SHOWN IN SCHEDULE	

M	OJAVE DISTR	Switch	
Location	Mile Posts	Capacity	Connection
P. C. Borax Co. Spur	784.7	7.4 miles	<u> </u>
Government Spur	785.0	3.7 miles	East
Government Spur	<i>797.</i> 1	6.5 miles	East & West
Harpertown	321.1	1000 Feet	East & West
Patch	325.9	750 Feet	East

MEZ	TWARD		TIME TABLE			- 28 - 28	EAS	TWARD		
FIRST	CLASS	ii e	NO. 10		8	f Sidi	FIRST CLAS			
709	711	Ruling Grade Descending Feet Per Mile	April 24, 1983	Mile Post	Ruling Grade Descending Feet Per Mile	Capacity of Sidings in Feet	708	710		
Leave Daily	Leave Daily	202	STATIONS	Mil	돌음을	Cap ii F	Arrive Daily	Arrive Daily		
PM 4.05	AM 6.05	15.5	BAKERSFIELD	887.7	13.3	Yard	PM s 1.45	PM s 10.50		
	i	[]	JASTRO	891.1		E-6726 W-6155)		
		0.0	6.6 UNA 	897.7	9.2	9015				
		10.6	SHAFTER 7.6	905.4		E-4833 W-5963				
s 4.30	s 6.30	16.8	WASCO	913.0	0.0	6568	s · 1.10	s 10.15		
		15.8		919.2	0.0	8964				
		8.4	SANDRINI	924.6	0.0	9032				
		1.7	ALLENSWORTH	932.3	0.0	8948				
		2.6 9	ANGIOLA	942.1	9.5 4.1	8999				
		0.0	CORCORAN	950.9		E-5990 W-9951				
		0.0	9.4 GUERNSEY 7.6	960.3	4.1	8879				
5.17	s 7.17	0.0	S, P, Crossing HANFORD 5.3	967.9	5.8	E-8963 W-4490	s 12.23 PM	s 9.28		
		15.8	SHIRLEY	973.2	10.6 14.6	9055				
'		0.0	CONEJO	982.2	10.6	9051				
		0.0	BOWLES 6.1	988.3	10.6	8959				
		4.2	S. P. Crossing	994.4	0.0					
5.43 PM	7.43 AM		OALWA	995.2	0.5	Yard	11.57 AM	9.02 PM		
Arrive Daily	Arrive Daily		(107.5)				Leave Daily	Leave Daily		

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
Pond	921.2	2000	East
Stoil	936.0	4693	East & West
Alpaugh Spur	936.0	5.6 miles	West
West Isla	5.6	1344	West
Blanco	945.9	2400	East & West
Kings Park	964.0	<i>757</i> i	East & West
Laton	976.0	3515	East & West
Monmouth	985.6	1324	East & West

LENGTH OF STEMS OF WYES

Jastro	Porterville-Orosi District
Corcoran	
Calwa	Visalia District

RAILROAD CROSSINGS AT GRADE

Location		Tracks Governed		Туре
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, between M.P. 889.2 Bakersfield and Calwa.

Rule 94 in effect between Kern Jct. and M.P. 889.2 Bakersfield. Rule 6(B): Calwa C-R-T-Y; Bakersfield C-R-T; Corcoran B-Y; Shafter & Wasco B; Jastro Y.

MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	Psgr.	Ert
FIRST DISTRICT		60
SPEED RESTRICTIONS		MPH
Bakersfield M.P. 887.5 to 889.0		20
Approaching "F" Street Crossing M.P. 887.7		10
1 Curve M.P. 889.3 to 889.6		30
1 Curve M.P. 889.8 to 890.1		40
Curve M.P. 892.9 to 893.3		65
Hanford and 1 Curve M.P. 967.5 to 969.5		45
3 Curves M.P. 973.7 to 975.8		45
M.P. 994.2 to 995.2		40
Alpaugh Spur		20

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

SWITCHES-MAXIMUM AUTHORIZED SPEED

Maximum speed permitted through turnout of other than main track switches 10 MPH; all main track turnouts and crossovers 15 MPH except for spring and interlocked switches and crossovers at following locations:

"I"-Interlocked Switch.

"ESL"--- Electric Switch Lock.

"S"—Spring Switch.

"EE"—East End.

"WE"—West End.

ıl		
Station	Туре	Location MPH
Bakersfield	S	End of DT M.P. 888.2
ļ	ı	Turnout WE yard to main track
Jastro	ı İ	EE siding30
	!	WE siding and crossover
1	!	Porterville-Orosi Jct. switch30
Una		EE and WE siding40
Shafter	L	EE and WE siding and crossover40
Wasco	. [EE and WE siding
Elmo	I	EE and WE siding40
Sandrini	l l	EE and WE siding40
Allensworth	1	EE and WE siding40
Stoil	ESL	EE and WE storage30
Angiola	ı	EE and WE siding
Blanco	ESL	Industry track switches30
Corcoran	1	EE and WE east siding
	ı	EE and WE west siding40
Guernsey	ı	EE and WE siding
Hanford	I	EE and WE east siding40
	1	EE and WE west siding20
Shirley	1	EE and WE siding40
Laton	ESL	EE and WE siding (not signaled)15
Conejo	- 1	EE and WE siding40
Bowles	- 1	EE and WE siding
Calwa	1	Turnout EE yard to main track
}	1	End of two tracks30
Normal posi	tion for	junction switches:

Normal position for junction switches: Corcoran for First District siding

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

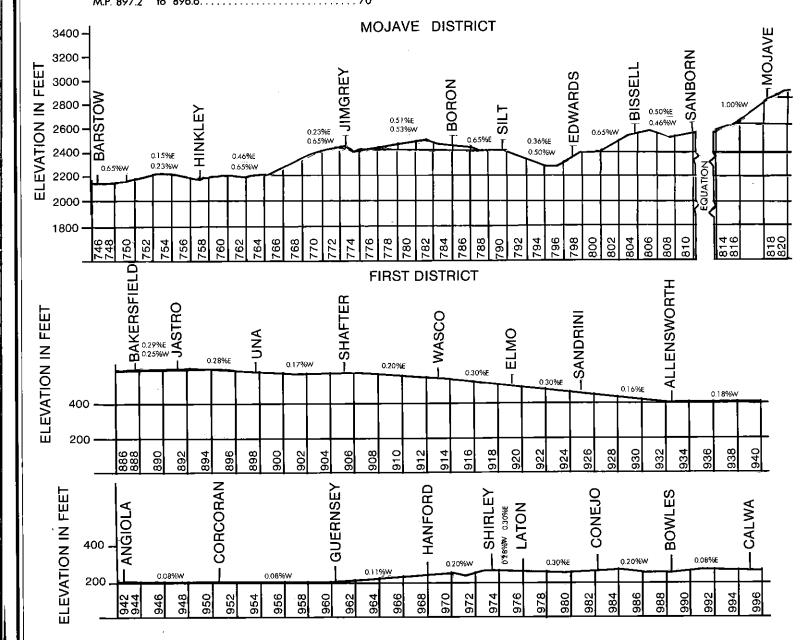
TRACK SIDE WARNING DEVICES SPECIAL RULE 7

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

CROSSING SPEED RESTRICTIONS

Speed may be resumed when engine has passed resume speed signal.

Eastward		Westward	
M.P. 993.9 to 992.8	65	M.P. 896.0 to 896.6	' 0
M.P. 986.8 to 986.2	70	M.P. 896.7 to 897.3	5
M.P. 985.0 to 984.4		M.P. 916.4 to 917.0	'0
M.P. 980.2 to 979.6	70	M.P. 931.5 to 932.1	7 5
M.P. 973.7 to 973.2	65	M.P. 946.4 to 947.0	7 5
M.P. 967.5 to 967.0	65	M.P. 949.9 to 951.7	55
M.P. 951.1 to 950.5		M.P. 964.4 to 967.0	70
M.P. 946.6 to 945.9		M.P. 975.8 to 976.2	50
M.P. 932.7 to 932.1		M.P. 979.0 to 979.6	5
M.P. 917.6 to 917.0	70	M.P. 984.6 to 985.2	70
M.P. 911.0 to 910.4		M.P. 993.6 to 994.1	15
MD 9072 to 9066	70		



VALLEY DIVISION

PORTERVILLE-OROSI AND OIL CITY DISTRICTS

	- -	<u> </u>					
← WESTWARD	Ruling Grade Descending Feet Per Mile	TIME TABLE NO. 10 April 24, 1983 STATIONS	Mile Post	Rufing Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	EASTWARD
	0.0 51.5	JASTRO 0.5 LANDCO YL 2.8 OIL JUNCTION YL 38.8 DUCOR YL 5.9	114.0 113.5 110.7 71.9	13.3 0.0 52.8	Y	E 6726 W 6155 1450 1436	
	52.8 33.2	ULTRA 7.0 PORTERVILLEJCT.YL S. P. Crossing	59.0 58.2	52.8 0.0			
	52.8 31.4 34.8	STRATHMORE 5.2 LINDSAY 7.5 EXETER	51.9 46.7 39.2	52.8 31.1 15.8		1645	
	0.0 5.3 8.9	Visalla Elect. Crossing 2.2 VENIDA 5.5	38.9 36.7	15.8 15.8 21.1		1729	
	30.8 30.8 20.8	HILLMAID O.1 Visalia Elect. Crossing 1.0 REDBANKS	31.2 31.1 30.1 28.3	20.8 20.8 0.0			
	17.4 17.4 26.8	CAIRNS 1.4 RAYO 6.3 WYETH YL	26.9 20.6	0.0 15.3	Y	2071	
	0.0 15.2	CUTLER YL 1.0 WYETH YL 2.0 OROSI YL 6.4 ORANGE COVE YL	20.6 18.6 12.2	0.0 14.4 30.3	Y	3371	
		(101.8)					

OIL CITY DISTRICT

← WETWARD	Ruling Grade Descending Feet Per Mile	TIME TABLE NO. 10 April 24, 1983 STATIONS	Mile Past	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	EASTWARD
	0.0	OIL JUNCTION YL	308.6	21.1	Υ	1436	
	0.0	SEGURO YL	310.8	10.5		1481	
		MALTHA YL	311.6	10.0		1149	
		(3.9)					

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

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.,

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
SPEED RESTRICTIONS	
Track M.P. 11.2 to 13.0	10
Track M.P. 13.0 to Cutler	20
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
DIL CITY DISTRICT	20

SWITCHES-MAXIMUM AUTHORIZED SPEED

Maximum speed permitted through turnout of other than main track switches 10 MPH; all main track turnouts and crossovers 15 MPH.

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

LENGTH OF STEMS OF WYES:

Location	Feet
Wyeth	
Porterville	

RAILROAD CROSSINGS AT GRADE

Location	Tracks Governed	Туре
Hillmaid0.1 West Exeter0.3 West Porterville0.8 East	Visalia Elec. Visalia Elec. S. P. Success branch.	98(B) and 98(C) 98(B) and 98(C) 98(B) and 98(C)

STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

Location	Mile Post	Capacity in Feet	Switch Connection
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

ME2	[WARD		TIME TABLE			6	EAST	WARD
FIRST	CLASS		NO. 10			Sidings	FIRST	CLASS
709	711	Ruling Grade Descending Feet Per Mile	April 24, 1983	Post	Ruling Grade Descending Feet Per Mile	' '5	708	710
Leave Daily	Leave Daily	Ruling Descei Feet P	STATIONS	Mile P	Ruling Descei Feet P	Capacity in Feet	Arrive Daily	Arrive Daily
PM 5.43	AM 7.43		CALWA 3	995.2		Yard	AM 11,57	PM 9.03
		2.6 2.6		996.8	15.8			
s 5.50 5.55	s 7.50 7.55	5,8	FRESNO	998.1		Yard	11.50 8 11.46	8.5 8 8.5
			HAMMOND -4.9	1000.1	15.8 15.8	1900		
		5.3 15.8	FIGARDEN 6.3	1005.0	10.6	8514		
		15.8	GREGG 8.3	1011.3	15.8	8950		
s 6.25	s 8.25	15.8	MADERA 5.8	1019.6	15.8	8984	s 11.16	s 8.2
		0.0	KISMET	1025.5	7.4	9083	l	
			SHARON	1031.1		13900	1	
		15.8	LE GRAND	1041.5	16.8 5.3	8978		
		15.8 12.7	PLANADA	1047.3	0.0	9668		
s 6.58	s 8.58	17.4	MERCED 6.8	1056.1	5.3	10315	s 10.43	s 7.48
		20.0	FLUHR 	1062.9	18.0	8989		
		15.8	BALLICO	1071.7	15.8	8999		
		15.3	DENAIR 9.6	1079.6	22.7	8964		<u> </u>
		0.0	MODESTO-EMPIRE JOT.	1089.2	26.4	8971		
9 7.30	s 9.30	15.8	RIVERBANK 6.0	1095.6	15.8	7231	s 10.11	s 7.1
		15.8	ESCALON 8.0————	1101.6	0.0	9254		
		5.3	DUFFY 10.4	1109.6	0,0	8968		ļ
		10.3	MORMON 0.7	1120.0	0.0	7914		
			W. P. Crossing STOCKTON TOWER S. P. Crossing	1120.7			ļ	
s 8.00	s. 10.00	10.3	STOCKTON YL	1121.4	1.6	6794	s 9.41	s 6.40
8.07	10.07	1.8 0.5	GILIIS 2.7	1126.6	0.0	4881	9.34	6.39
		0.0	HOLT 3.7	1129.3	0.8	3674		
8.13	10.13	5.3	TRULL	1133,0	11.6	4943	9.28	6.3
		10.6	MIDDLE RIVER	1134.8	0.0			
8.20	10.20	10.6	ORWOOD 3.0	1136.8	3.2	3558	9.21	6.2
		0.0	BIXLER 3.2	1139.8	6.3			
8.26	10.26	6.6	KNIGHTSEN -3.1	1143.0	3.6	8075	9.15	6.20
	10.22	15.8	OAKLEY YL	1150.3	13.2	FFOA	9.08	
8.33	10.33	15.8	SANDO YL SANDO YL ANTIOCH YL	1152.1	0.0	5580	9.00	6.13
8.41	10.41	6.6	PITTSBURG YL	1155.8	15.8	6380	9.00	6.05
8.55	10.55	15.8	PORT CHICAGO	1163.3	15.8	5363	.8.50	5.55
PM	—A M—	0.0	MALTBY	1166.9	0.0	3456	—ÃM—	-PM
		0.0	GLEN FRAZER YL		52.8	3834		
		52.8	CHRISTIE YL	1176.0	52.8			
-	<u> </u>	52.8	COLLIER YL		0.0	5184		
		52.8	PINOLE YL	1181.5	0.0			
		29.9	GATELEY YL	1182.6	49.6	5310	i —	
		52.8	RHEEM	1186.5	52.8	5373		
		52.8	RICHMOND YL	1189.6	51.7	Yard		
Arrive Daily	Arrive Daily		(194.4)				Leave Daily	Leave Daily
					Ι	I .		,

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. 708 and No. 710 must get Santa Fe clearance card at Martinez Station on Southern Pacific.

At Port Chicago, only First Class trains will register. Both Santa Fe and Southern Pacific trains will register on Southern Pacific train register form 2561.

Conductor No. 709 and No. 711 leave message or form 903 with Operator Martinez, reporting arrival at Port Chicago on Santa Fe. Conductor No. 708 and No. 710 will leave message or form 903 at Pittsburg, reporting arrival at Port Chicago on Southern Pacific

At Port Chicago, No. 708 and No. 710 will originate and No. 709 and No. 711 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. 708 and No. 710, and No. 709 and No. 711 as required by Rule 86(A).

Rule 5 (b): At Stockton, train order waiting time for Westward trains applies at West Switch to TCS Siding located 1550 feet west of MP 1122.

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: Stockton, Oakley to and including Pittsburg, Glen Frazer to Gateley and Richmond.

A.T. & S.F. trains will operate over Southern Pacific tracks between Richmond and Oakland and will be governed by A.T. & S.F. Rules and Instructions insofar as they are not in conflict with Southern Pacific Rules and Regulations, and by Southern Pacific Rules which are listed in bulletin instructions, and by Western Division Timetable and Timetable Bulletins, Special Notices and Instructions.

Rule 6(B): Calwa & Richmond C-R-T-Y; Riverbank, Stockton Tower, Orwood & Pittsburg C-R; Fresno C; Mormon R-Y; Madera, Gillis, Holt, Trull, Middle River, Bixler, Knightsen, Sando, Antioch, Port Chicago, Glen Frazer, Christie, Collier, Pinole, Gateley & Rheem B; Stockton Y.

Rule 321: At San Joaquin River Bridge when west signal located at MP 1123.7 or eastward signal located at MP 1124.0 or at Middle River Bridge westward signal located at MP 1134.6 or eastward signal located at MP 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.

(Continued from Page 6)

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 Auxillary track. Eastward train on Auxillary track must remain west of spotting section, until ready to depart. Spotting section designated by sign near signal at east end of Auxillary track. Eastward train, when ready to proceed, must occupy spotting section between sign and 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.

MAXIMUM AUTHORIZED SPEED FOR TRAINS MPH

LOCATION	Psgr.	Frt.
Calwa to Port Chicago	79 70	60
Port Chicago to Richmond		60
SPEED RESTRICTIONS	<u></u>	MPH
M.P. 995.2 to 995.5		40
2 Curves M.P. 995.5 to 996.8		
M.P. 996.8 to 1002.0		. 20
M.P. 1002.0 to 1003.2		. 50
Curve M.P. 1047.5 to 1047.9		. 65
Curve M.P. 1053.7 to 1054.1		
Merced Crossings M.P. 1055.7 to 1057.0		. 30
2 Curves M.P. 1069.1 to 1070.5		
Curve M.P. 1087.9 to 1088.1		
Curve M.P. 1119.1 to 1119.5		
Stockton M.P. 1120.0 to 1121.7 (Lincoln St.)		
Bridge M. P. 1134.7 to 1136.4	. <i>.</i>	. 30
Curve M.P. 1139.5 to 1139.8	 .	. 55
Antioch M. P. 1151.2 to 1151.9		
Curve and Crossing M.P. 1155.1 to 1156.3		. 45
2 Curves M.P. 1161.3 to 1161.9		45
6 Curves M.P. 1167.3 to 1170.5		45
26 Curves and Tunnel No. 3 M.P. 1170.5 to 11	80.9	35
7 Curves M.P. 1180.9 to 1185.1		45
1 Curve M.P. 1185.1 to 1185.4		35
3 Curves M.P. 1185.4 to 1189.0		45
2 Curves M.P. 1189.0 to 1189.6		20
Oakdale Spur		25

In TCS sidings, speed limit 40 MPH.

Eastward

Maximum speed permitted through turnout of other than main track switches —10 MPH; all main track turnouts and crossovers—15 MPH; except for spring and interlocked switches and crossovers at following locations:

SWITCHES-MAXIMUM AUTHORIZED SPEED

"I"—Interlocked Switch.
"S"—Spring Switch.

"EE"—East End.
"WE"—West End.

Station	Туре	Location	MPH
Calwa	ı	2 crossovers MP 996.8	.30
	ı	Turnout yard lead to south main track MP 996.8	.30
Fresno	•	End of two tracks	. 20
Figarden	Į.	EE and WE siding	.40
Gregg	- 1	EE and WE siding	. 40
Madera	I	EE and WE siding	. 40
Kismet	1	EE and WE siding	. 40
Sharon	ı	EE and WE siding	. 40
Legrand	1	EE and WE siding	. 40
Planada	- 1	EE and WE siding	.40
Merced	- 1	EE siding	. 40
	1	WE siding	.30
Fluhr	ı	EE and WE siding	.40
Ballico	i	EE and WE siding	.40
Dengir	Ĺ	EE and WE siding	.40
Empire	i	EE and WE siding	. 40
Riverbank	i	EE and WE of lead	. 15
	ĺ	EE and WE siding	.40
Escalon	į	EE and WE siding	.40
Duffy	i	EE and WE siding	.40
Mormon	ì	EE siding	
	i	2 crossovers	
Stockton	i	WE siding	
Gillis	Š	EE and WE siding	.30
Holt	Š	EE and WE siding	.30
Trull	S S S	EE and WE siding	30
Orwood	Ĭ	EE siding	. 15
0,000	Š	WE siding	.30
Knightsen	Š	EE and WE siding	30
Sando	Š	EE siding	.30
Antioch	Š	WE siding	.30
Pittsburg	Š	EE siding	. 15
	Š	WE siding	30
Port Chicago	š	EE and WE siding	30
Maltby	Š	EE and WE siding	30
Glen Frazer	********	EE and WE siding	30
Christie	Š	EE and WE Auxillary Track	30
Collier	š	EE and WE siding	30
Gatelev	š	EE and WE siding	.30
Rheem	š	EE and WE siding	30
WILE CIN	. •		

Westward

CROSSING SPEED RESTRICTIONS

Speed may be resumed when engine has passed resume speed signal

M.P. 1160.5	to 1159.9	M.P. 1003.8 to 1004.2
M.P. 1154.7	to 1154.1	M.P. 1014.5 to 1015.1
M.P. 1151.3	to 1150.9	M.P. 1039.2 to 1039.8
M.P. 1147.8	to 1147.2	M.P. 1057.2 to 1057.7
M.P. 1141.6	to 1141.0	M.P. 1063.4 to 1064.0
M.P. 1125.8	to 1125.2	M.P. 1083.2 to 1083.8
M.P. 1118.5	to 1117.9	M.P. 1088.9 to 1089.5
M.P. 1098.9	to 1098.3	M.P. 1097.7 to 1098.3
M.P. 1090.1	to 1089.3	M.P. 1106.5 to 1107.1
M.P. 1084.9	to 1084.3	M.P. 1140.4 to 1141.0
M.P. 1058.3	to 1057.7	M.P. 1142.4 to 1143.0
M.P. 1055.7	to 1055.1	M.P. 1146.6 to 1147.2
M.P. 1041.7	to 1041.1	M.P. 1150.3 to 1150.9
M.P. 1040.4	to 1039.8	
M.P. 1014.5	to 1013.9	
M.P. 1004.8	to 1004.2	•

STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

Location	Mile Posts	Capacity in Feet	Switch Connection
Trigo	1014.3	1874	East & West
Tuttle	1050.7	2339	East & West
Kadota	1052.1	1072	East & West
Cement Spur	1057.5	1.2 miles	East
Pritchard	1058.9	998	East
Winton	1065.4	1049	East & West
Hughson	1085.8	2047	East & West
Claus	1092.8	2228	East & West
Oakdale Spur	1095.6	6.5 miles	East
Burnham	1112.5	400	East
Rockwell	1114.8	903	East & West
Woodsbro	1125.0	4250	East & West
Werner	1138.8	1185	East & West
Du Pont	1147.6	3473	East & West
East Antioch	1149.2	6350	East & West
Zee	1149.7	3163	East & West
Monsanto	1165.8	2304	East & West
Muir	1170.6	2556	East
Bethlehem Steel	1184.5	1562	East & West
San Pablo	1187.8	584	East & West

TRACK SIDE WARNING DEVICES SPECIAL RULE 7

Location	Туре	Signals Affected
M.P. 1012.1	Dragging Equipment	Rotating white lights located at M.P. 1010.7
M.P. 1171.3	Slide Detector	11701 and 11722 and rotating
and 1171.	5	red light M.P. 1171.5

LENGTH OF STEMS OF WYES

Location	 Feet
Calwa	

Normal position for junction switches: Hammond for Second District siding

RAILROAD CROSSINGS AT GRADE

Location		Tracks Governed	Турв
Calwa	1.6 West	S. P. Exeter 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.

FRESNO INTERURBAN DISTRICT

← WESTWARD	Ruing Grade Descending Feet Per Mile	TIME TABLE NO. 10 April 24, 1983 STATIONS	Mile Post	Ruling Grade Descending Feet Per Mile	Capacity of Sidings in Feet	EASTWARD
-	0.0	HAMMOND YL 2.0 CINCOTTA YL		0.0		
	0.0	BARTONETTE YL	2.4	0.0		
	0.0	2.6	I	0.0	1200	
	0.0	BURNESS YL		0.0		
	0.0	FAIRVIEW YL		0.0	1200	
	10.6	1.2	 	42.2		
	8.4	1.0	i	15.3		
	0.0	ZEDIKER YL 0.5 RIVERBEND YL		9.5		<u> </u>
<u></u>	42.2	RIVERBEND YL	15.7	31.7		
	0.0	ELK YL	16.7	10.6		
	5.0	BELMONT AVE.YL	16.9	10.0		
		(16.9)				

Rule 93: Yard limits Hammond to Belmont Ave., inclusive. (Fresno Interurban District only.)

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

MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	мрн
Hammond to Belmont Ave .	

Maximum speed permitted through turnout of other than main track switches 10 MPH;

STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

Hammer Field Spur	4.9	1 Mile	East

VISALIA DISTRICT

< WESTWARD	Ruling Grade Descending Feet Per Mile	TIME TABLE NO. 10 April 24, 1983 STATIONS	Mile Post	Ruling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	EASTWARD
	0.0	CORCORAN YL	0.3	28.5	C-R-Y	Yard	
	0.0	S. P. Crossing TULARE YL	15.0 20.2	13.9			
	0.0	VISALIA YL S. P. Crossing	25.2	5,3		2338	_
	16.2 0.0	S. P. Crossing	33.3	11.6			
	15.9	CALGRO CUTLER YL	36.2 38.5	10.6		3380	_
	0.0 13.2	3.2	41.7	0.0			
	0.0	DINUBA 3.7 REEDLEY YL	45.1 48.8	9.3		Yarð	
	0.0	LAC JAC	51.0	14.6			
	2.5	PARLIER YL 5.1 DEL REY YL	58.4 58.5	5.3		2651	
	7.9 8.5	CASTY	61.9	0.0		2246	
	10.6	LONE STAR YL	64.4	0.0		1626	
		CALWA YL	68.9		C-R T-Y	Yard	
		(68.6)					

WAHTOKE DISTRICT

< ← WESTWARD	Ruling Grade Descending Feet Per Mile	TIME TABLE NO. 10 April 24, 1983 STATIONS	Mile Post	Roling Grade Descending Feet Per Mile	Communications Turn Tables and Wyes	Capacity of Sidings in Feet	■→ EASTWARD
	0.0	CELLA YL	6.2	0.0			
		WAHTOKE YL	5.3	33.2		_	
	41.4	REEDLEY YL	0,0	00,2		Yard	
		(6.2)					

Trains must get clearance card before leaving Calwa.

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	МРН
VISALIA DISTRICT	40
SPEED RESTRICTIONS	
Tulare M.P. 14.3 to 15.9	20
Visalia M.P. 24.5 to 26.0	
Reedley M.P. 48.2 to 49.5	
Parlier M.P. 53.1 to 53.6	
Del Rey M.P. 58.4 to 58.8	24
WAHTOKE DISTRICT	20

Maximum speed permitted through turnout of other than main track switches 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	1000	East
Enson	43.9	270	East
Mattei Spur	65.2	2.2 miles	West

RAILROAD CROSSINGS AT GRADE

Location	Tracks Governed	Туре
Tulare	S. P. main track.	Interlocking. Bulletin Instructions.
Visalia	S. P. Visalia branch.	98(B) and 98(C)
M.P. 33.3	S. P. Exeter branch.	98(B) and 98(C)

SUNSET RAILWAY

WESTWARD			TIME TABLE				EASTWARD
Ĭ	Capacity of Sidings In Feet	Ruing Grade Descending Feet Per Mile	NO. 10 April 24, 1983		Post	Puling Grade Descending Feet Per Mile	1
	Cepec Tage	Ruling Desce Feet F	STATIONS		Mile Post	Ruling Desce Feet P	
		85.5	TAFT 8.8	TL	8.8		
	1980	68.6	PENTLAND	ΥL	27.5	37.0	
		10.6	LEVEE	YL	18.1	0.0	
	2343	5.8	LEVEE 3.7 MILLUX 2.1 GULF	YL.	14.4	5.3	
		5.8	GULF	YL,	12.3	0.0	
	2316	0.0	COMMED	YL	9.6	0.0	
		0.0	LYLA	YL,	7.0	13.2	
		0.0	LYLA 7.0 GOSFORD	YL	0.0	10.6	
			KERN JCT.			İ	
		Į.	BAKERSFIELD				
			(43.4)				

No switch lights on Sunset Railway.

SPECIAL RULES

- 1. The Atchison, Topeka and Santa Fe Railway Company Rules, Operating Department, and current Valley Division Special Rules and Bulletins are applicable to the Sunset Railway Company.
- 2. Rule 93: Yard Limits are located Gosford to and including Taft.
- 3. Southern Pacific time table and rules govern movement of trains between Kern Junction and Gosford.

MAXIMUM AUTHORIZED SPEED FOR TRAINS

LOCATION	MPH
Gosford to M.P. 20	 20 MPH
M.P. 20 to Pentland	 15 MPH
Pentland to Taft	 10 MPH

STATIONS OR TRACKS NOT SHOWN IN SCHEDULE

Name	Location		Connection
Del Kern A	A.P. 5.4	500	West
Garintee A	4.P. 6.0	1360	East-West

SYMBOL FREIGHT TRAIN SCHEDULES VALLEY DIVISION

(for information only)

			•	WESTW	ARD TRAINS	5	,		-
	Barstow	Bakersf	ield	Calw	a .	Morm	o n	WP	Richmond
	Dept.	Arr.	Dept.	Агг.	Dept.	Arr.	Dept.	<u> </u>	Arr.
189	5:05P	9:15P	9:25P	11:10P	11:40P				4:00A
199	8:20A	12:05P	12:15P	2:00P	2:10P				6:00P
309	12:40P	5:01P	5:40P	7:40P	8:0 <i>5</i> P	10:50P	11:30P	i .	1.30A
579	8:45A	12:45P	1:15P	3:15P	3:30P			i	9:15P
819	1:00P	6:00P	8:00P	10:00P	12:30A			T	4:30A
829	4:30P	9:30P	11:00P	1:00A	4:00A				11:30A
839	6:30P	11:30P	12:30A	3:00A	5:00A		1		10:00A
869	12:01P	5:00P	5:45P	7:45P	8:30P	11:15P		11:45P	7:00A
879	8:15P	12:15A	12:45A	2:30A	2:45A				7:30A
889	5:00A	9:00A	9:30A	11:20A	11:45A		ĺ		5:30P
				EASTW	ARD TRAIN	<u> </u>			
	Richmond	WP	Mormo	on .	Calw	0	Bakersf	ield	Barstow
	Dept.		Arr.	Dept.	Arr.	Dept.	Arr.	Dept.	Arr.
901	5:00A		7:05A	7:20A	10.05 8				
908	1001				10:05A	10:30A	12:45P	3:00P	8:15P
	12:01A				10:05A	7:30A	12:45P	3:00P 6:00P	8:15P 11:59P
928	12:01A 12:01P			3:30P	10:05A		12:45P		
928 948					10:05A	7:30A	12:45P	6:00P	11:59P
		2:45P			10:05A	7:30A	12:45P	6:00P 6:00A	11:59P 11:59A
948	12:01P	2:45P		3:30P		7:30A 7:30P		6:00P 6:00A 12:01A	11:59P 11:59A 6:00A
948 968	12:01P	2:45P		3:30P		7:30A 7:30P	1:30A	6:00P 6:00A 12:01A 3:30A	11:59P 11:59A 6:00A 9:00A
948 968 971	12:01P 4:00P	2:45P	4:30A	3:30P	10:35P	7:30A 7:30P 10:45P 1:45A	1:30A 3:50A	6:00P 6:00A 12:01A 3:30A 4:50A	11:59P 11:59A 6:00A 9:00A 9:40A
948 968 971 973	12:01P 4:00P 6:30A	2:45P		3:30P	10:35P 12:15P	7:30A 7:30P 10:45P 1:45A 12:30P	1:30A 3:50A 3:30P	6:00P 6:00A 12:01A 3:30A 4:50A 5:30P	11:59P 11:59A 6:00A 9:00A 9:40A 11:45P

- 1. Rule 1: Standard clocks are located at on duty points Barstow, Bakersfield, Calwa, Riverbank, Mormon, Pittsburg, and Richmond.
- Rule 3: Crews of Southern Pacific trains, having complied with their company's time regulations, may proceed over joint track.
- 2. Southern Pacific trains using joint track on Fresno Interurban District and between Ducor and Porterville Jct. and Sacramento Northern trains using joint track between Stockton Tower and Pittsburg will be governed by A.T.&S.F. time table and Rules, Operating Department.
- 3. Within TCS, where maximum speed exceeds 20 MPH, a train or engine must not clear TCS limits through a hand-thrown switch, not electrically locked, for the purpose of meeting, passing or being passed by another train or engine.

Following is list of hand-thrown switches not electrically locked where maximum speed exceeds 20 MPH:

Jim Grey Silt Bissell Sanborn Jastro Sandrini	MP 924.1 - MP 924.2 MP 924.4	Conejo Bowles Gregg Planada Empire Escalon	MP 982.2 MP 988.8 MP 1011.6 MP 1046.9 - MP 1047.4 MP 1088.5 - MP 1089.2 MP 1101.2 - MP 1101.5 MP 1101.7
	MP 951.1 - MP 951.3 MP 951.5 - MP 951.6	Mormon	MP 1116.9

- 4. Rule 80: Bulletin books are located at Barstow, Bakersfield, Calwa, Fresno, Riverbank, Mormon, Antioch, Pittsburg, Richmond, and San Francisco (China Basin).
- Rule 125: All sidings having hand-thrown derails will have derail locked off rail, except when engines or cars are left unattended on siding.
 - 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 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.

SPEED REGULATIONS

8. (A) Maximum authorized speed for freight trains handling one or more empty cars 55 MPH.

(Cabooses and cars loaded with empty trailers or empty containers, and flat cars containing generator sets are considered loads.)

Cars loaded with 20-ft. bogies (empty Chasis) are not considered as cars loaded with empty trailers and are restricted to 55 MPH.

(B) Freight trains averaging 90 tons or more per car or having more than 5000 tons, must not exceed 45 MPH.

- 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. In freight service with dynamic brake* NOT in use, maximum speed on descending grades as follows:

Percent	reet Per Mile	
1.0 to 1.5	52.8 to 79.2	30 MPH
1.5 to 2.0	79.8 to 105.6	25 MPH
2.0 and over	105.6 and over	15 MPH

- *Applicable to freight trains in local service having locomotives not equipped with dynamic brakes, when average tons per car exceeds 80 tons per car.
- 11. Where street or highway crossings are shown, speed limit applies only while head end of train is passing.
- 12. Trains or engines using other than main track must not exceed turnout speed for that track, unless maximum speed otherwise indicated.

13. MAXIMUM SPEED OF ENGINES

Engines AMTRAK 100-761, 764-799	Forward or dead in train MPH	When not controlled from leading unit MPH
5940-5948, 5990-5998	90*	45
** 1215-1245, 1453, 1460	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.

*Engine without cars must not exceed 70 MPH.

* *When used as controlling unit must not exceed 20 MPH.

Speed limit 50 MPH for all trains having Amtrak 500 and 600 class units in consist on all curves second district between Stockton and Port Chicago which are shown to be 50 MPH and above and on Curve MP 1162.8 to 1163.2

14. 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

	Maximum depth above top of rail (inches)	Maximum speed (MPH)
All Classes, Except Amtrak	4	5
Amtrak	2	. 2

1.2 SPECIAL RULES

15. 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 train handling such equipment must not exceed speeds indicated below:

District	Wrecking Derricks	Pile Drivers AT-199454 AT-199455 AT-199457 AT-199458 AT-199459 AT-199460 AT-199460 AT-199460 AT-199460 AT-199460 AT-199460 AT-199460 AT-199460 AT-199460	Pile Drivers AT-199452 AT-199453 AT-199456 Locomotive Crane AT-199720 and Other Machines
Mojave, First, Second Oakland, Porterville-Orosi and Visalia All other Districts	MPH	мрн	мрн
	40	45	30
	20	20	20
	15	15	15

Derrick AT 199787, locomotive crane AT-199720 and pile drivers must be handled in trains next to engine.

Trains or engines handling wrecking derricks, cranes, pile drivers, Jordan spreaders, and similar machinery moving on their own running gear, through a turnout must not exceed one-half the maximum authorized speed for that turnout.

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

THE SANTA FE EMPLOYES COAST LINES HOSPITAL ASSOCIATION

DR. R. R. HARE, MEDICAL DIRECTOR-CHIEF EXECUTIVE OFFICER
Los Angeles, Calif.

R. N. CROW, GENERAL WATCH INSPECTOR, Topeka, Kansas

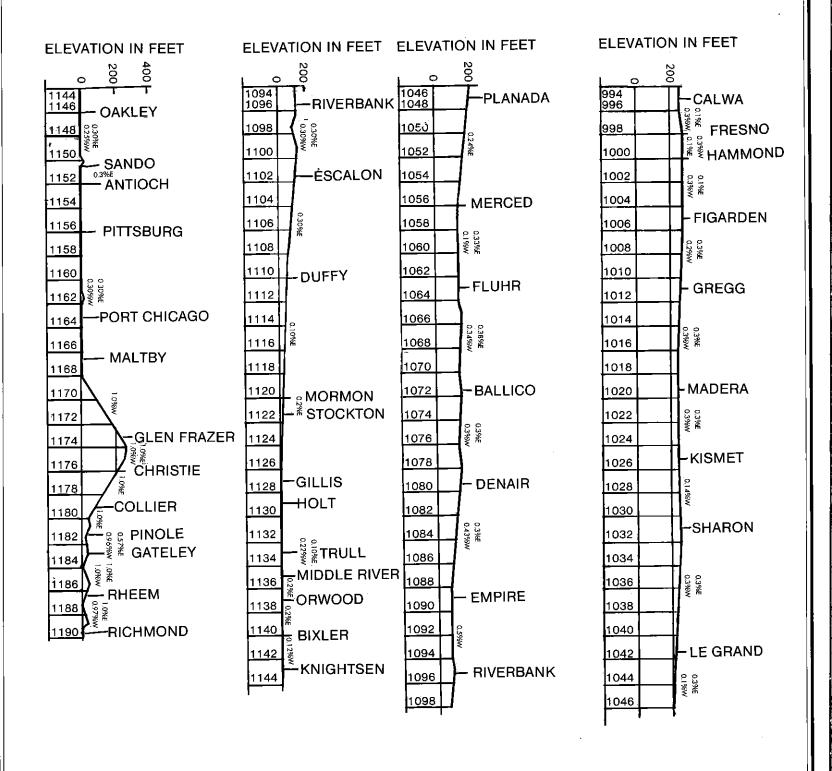
For name and address of local surgeons and local watch inspector, refer to bulletin book.

When helper engine is placed behind a caboose, not more than two six-axle operating units totaling not more than 179,400 pounds tractive effort or not more than two four-axle operationg units totaling not more than 135,600 pounds tractive efforts, or a combination of one six-axle and one four-axle unit totaling not more than 157,600 pounds tractive effort will be used. Below is list showing the weight, tractive effort and horsepower rating of units by class:

CLASS MAKE TYPE WEIGHT TRACTIVE	HORSE-
EFFORT 200 200 400	POWER
*200 EMD F40PH 259,500 38,240	3000
*500 EMD SDP40F 396,000 57,300	3000
1215 EMD SSB1200 246,000 36,000	1200
1242 ALCO SW12 246,000 47,000	1200
1300 ALCO CRSD20 380,000 69,800	2050
1310 EMD GP7 249,000 41,300	1500
1450 EMD SW 248,000 28,000	900
1460 EMD SW7 262,500 41,300	1500
2000 EMD GP7 249,000 41,300	1500
2244 EMD GP9 249,000 45,200	1750
2417 EMD CF7 249,000 41,300	1500
2700 EMD GP30 262,900 51,400	2500
2800 EMD GP35 266,000 51,400	2500
3000 EMD GP20 265,000 44,800	2000
3200 EMD GP30 262,900 50,064	2250
3300 EMD GP35 266,000 43,850	2500
3500 EMD GP38 262,500 46,720	2000
3600 EMD GP39-2 264,400 55,400	2300
3800 EMD GP40X 264,400 62,500	3500
3810 EMD GP50 264,400 64,200	3500
4000 EMD SD39 391,500 82,284	2300
4600 EMD SD26 387,000 74,152	2625
5000 EMD SD40 391,500 70,067	3000
5020 EMD SD40-2 391,500 70,970	3000
5071 EMD \$D40-2 391,500 83,100	3000
5200 EMD SD40-2 391,500 90,475	3000
5300 EMD SD45 391,500 72,286	3600
5426 EMD SD45 389,500 72,286	3500
5490 EMD SD45 391,886 72,286	3600
5500 EMD SD45 391,500 72,286	3600
5625 EMD SD45-2 395,500 73,650	3600
5900 EMD F45 395,000 72,290	3600
5940 EMD FP45 399,000 68,006	3600
5950 EMD SDF45 395,500 72,290	3600
5990 EMD SDFP45 399,000 68,006	3600
6300 GE U23B 262,500 60,400	2250
6350 GE B23-7 268,000 61,000	2250
6364 GE B23-7 265,000 60,400	2250
6390 GE B23-7 264,000 61,000	2250
7484 GE B36-7 264,000 64,600	3600
7500 GE U23C 395,000 85,800	2250
8010 GE C30-7 398,800 90,600	3000
8064 GE C30-7 392,500 90,600	3000
8099 GE C30-7 395,000 91,500	3000
8500 GE U33C 391,500 90,600	3300
8700 GE U36C 391,500 90,600	3600

Amtrak passenger units.

SECOND DISTRICT



HAZARDOUS MATERIAL

- I. It is the conductor's responsibility to determine the identity and location of hazardous material shipments in the train. The conductor will communicate the information to members of the train and engine crew. Hazardous material shipments can be identified by checking:
 - Waybill

 The train crew is required to have a shipping paper (waybill) for each hazardous material shipment in the train. A shipping paper is also required for certain empty tank cars last containing hazardous materials. Essential information included on the shipping paper is the proper shipping name, hazard class, quantity, identification number and -RQ- notation when applicable, and placards applied.
 - Wheel Reports The train crew is required to have a wheel report, consist, switch list or other document indicating the position in the train of each loaded placarded car.
 - Placards

 Certain cars, trailers, and containers loaded with hazardous materials are required to be placarded. Certain empty tank cars which last contained a hazardous material are required to be placarded.
- Commodity The commodity code will be shown on the waybill and the wheel report. Commodity codes starting with "49" Codes indicate a hazardous material.
- II. In the event of an incident involving hazardous materials, your safety is the first consideration. The following will apply, IF IT IS SAFE TO DO SO:
 - A. Notify the Chief Dispatcher by the quickest means possible. If Railroad communications fail or are not available, call long distance to the telephone number listed below:

(209) 237-4994

- B. Determine the location in the train of cars involved in the incident. Approach from the upwind (wind at your back) side and go no nearer than absolutely necessary to assess the condition of the cars. Use your eyes, ears and nose to detect any vapor or gas clouds, fire, smoke, unusual smells or noises, leaking material, etc. If any are present, DO NOT GO NEAR THE CARS. Smoking is prohibited in the vicinity of a hazardous material incident.
- C. Assist injured. Call for medical assistance if needed.
- D. The Chief Dispatcher will be furnished as much of the following information as possible:
 - (1) Train identification, symbol, employe name and position.
 - (2) Specific location of the incident (station, milepost location, nearest street or highway crossing).
 - (3) Nature of the incident number of cars involved, if upright or turned over, if ruptured or leaking, on fire or near fire, vapor or gas cloud, unusual odor or noise, etc.
 - (4) Waybill Information
 - (a) Car number
 - (b) Proper shipping name of contents
 - (c) Hazard class of material
 - (d) Shipper and consignee
 - (e) Standard Transportation Commodity Code (49 Series Number)
 - (5) Weather conditions (wind direction and intensity, temperature, if raining, snowing, foggy, etc.).
 - (6) Location of roads, buildings, people or property subject to harm or damage from the emergency.
 - (7) Location of access roads.
 - (8) Location of nearby stream, rivers, ponds, lakes or other bodies of water.
 - (9) Any other information that will help the dispatcher understand the situation.
- E. Warn people to stay away from the emergency area.
- F. Contact emergency response personnel upon their arrival (police, sheriff, fire department, etc.) and provide the person in charge with information off shipping papers. DO NOT SURRENDER DOCUMENTS TO ANYONE OTHER THAN AUTHORIZED RAILROAD PERSONNEL.
- G. Remain at the scene at a safe distance until relieved by a railroad Operating Department officer.

HOW TO USE THIS CHART: To determine where a placarded cor can be placed in a train follow these sleps: Determine the type of placard that is applied to the car from Line 1. Determine the type of car to which the placard is applied from Line 2. Follow vertically down the chart and note which lines apply.					.	POSITION IN TRAIN OF PLACARDED CARS CONTAINING HAZARDOUS MATERIALS																							
Type					\$*/ <u>}</u> /	HAZARDOUS MATERIALS Control of the control of th																							
_	TYPE OF CAR PRINT THE OF THE PRINT T										<u>**/</u>																		
3		RESTRICTIONS			·																								
4	WHEN TRAIN LENGTH PERMITS	F	AUST NOT BE NEARER THAN 61h ROM ENGINE OCCUPIED CABOOSE OR PASSENGER CAR	√	√			√																					
5	WHEN TRAIN LENGTH DOES NOT PERMIT	B	AUST BE NEAR MIDDLE OF TRAIN UT NOT NEARER THAN 2ND ROM ENGINE, OCCUPIED ABOOSE.	√	√			√																					
6		E A C	OADED FLAT CAR A FLATCAR QUIPPED WITH PERMANENTLY ITIACHED ENDS OF RIGID ONSTRUCTION IS CONSIDERED O BE AN OPEN-TOP CAR.	√ ^①	√	√		√ ②																					
7		TI TI S	N OPEN-TOP CAR WHEN ANY OF TE LADING PROTUDES BEYON BE CAR ENDS OR WHEN ANY OF HE LADING EXTENDING ABOVE HE CAR ENDS IS LIABLE TO SHIFT O AS TO PROTRUDE BEYOND THE AR ENDS.	√	√	√ .		V				,																	
			ENGINE	√	√	√	√	√		√																			
9	W	P	XCEPT AS PROVIDED IN LINES 10 ND 11, A CAR OCCUPIED BY ANY ERSON OR A PASSENGER CAR OR OMBINATION CAR THAT MAY BE ICCUPIED	√ ^③	√ ^③	V (3)	√	√	⊘ √	•		FOOTNOTES: 1 - Loaded cars placarded "EXPLOSIVES A" may be placed next to each other. 2 - A specially equipped car in trailer-on-flotcar or container-on-flatcar service or a flatcar loaded with whiches secured by																	
0	UST N		OCCUPIED CABOOSE	ie 🗸 🤊 🗸 3 🗸 3		V	√ √			means of a device designed for that purpose and permanently installed on the flator, and of a type generally accepted for handling in interchange between railroads may be placed next to these placaded.																			
11	Ö T B	OCCUPIED GUARD CAR		√ ③	√ ③	(3)		V				loaded tonk cars subject to the following: this exception for cars in trailer-on-flatcar service does not apply to loaded trucks or trailers without securely closed doors. 3-A rail car placerded "EXPLOSIVES A" OR																	
12	Ē P L	UNDEVELOPED FILM					V				<u></u>	"POISON GAS" in a moving or standing train must be next to and ahead of any car occupied by the guards or technical escorts accompanying this car. However, if a car occupied by guards or technical escorts																	
13	C E CAP		A CAR WITH AUTOMATIC REFRIGERATION OR HEATING APPARATUS IN OPERATION, OR A CAR WITH OPEN-FLAME APPARATUS IN SERVICE, OR WITH AN INTERNAL COMBUSTION ENGINE IN OPERATION:	√	√	v		√				occupied by guidas or learning is equipped with a lighted heater or stove, it must be the fourth car behind any car requiring "EXPLOSIVES A" placards. 4- Applies only in mixed train service, see section 174.87.																	
14	N E X T	ŕ	A CAR CONTAINING LIGHTED LEATERS, STOVES, OR LANTERNS.	√	v	√																							
15		CAR	EXPLOSIVES A		•	√	√	₩	√																				
16		DHONDOND	POISON GAS	√			√_	▼	√																				
17			E	E	E	E	E	E	E	E	E	E	E	ARDE	ARDE	E	RDE	E	RDE	RDE	LOADED PLACARDED CAR, OTHER THAN A CAR PLACARDED WITH THE SAME PLACARD OR THE "COM- BUSTIBLE" PLACARD.	▼	√	√	√				
18			RADIOACTIVE	√	•	✓		V	√																				

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!



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SPEED TABLE—FOR INFORMATION ONLY

	Time Per Mile		Miles Per	Time Per Mile		Miles Per		Time Mi		Miles Per
	Min.	Sec.	Hour	Min.	Sec.	Hour	$\ _{_}$	Min.	Sec.	Hour
		36	100		58	62.1		1	40	36.0
		37	97.3		59	61.0	Ш	1	42	35.3
		38	94.7	1		60.0	Ш	1	44	34.6
		39	92.3	1	02	58.0	Ш	1	46	34.0
		40	90.0	1	04	56.2	Ш	1	48	33.3
		41	87.8	1	06	54.5	Ш	1	50	32.7
		42	85.7	1	80	52.9	Ш	1	52	32.1
		43	83.7	1	10	51.4	Ш	1	54	31.6
		44	81.8	1	12	50.0	Ш	1	56	31.0
		45	80.0	1	14	48.6	Ш	1	58	30.5
		46	78.3	1	16	47.4	Ш	2		30.0
		47	76.6	1	18	46.1	Ш	2	05	28.8
		48	75.0	1	20	45.0	Ш	2	10	27.7
		49	73.5	1	22	43.9	Ш	2	15	26.7
		50	72.0	1	24	42.9	!	2	30	24.0
		51	70.6	1	26	41.9	11	2	45	21.8
		52	69.2	1	28	40.9]]	3		20.0
		53	67.9	1	30	40.0	11	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	H	12		5.0
1										

VALLEY DIVISION