

Union Pacific Railroad Company south-central district



CALIFORNIA DIVISION

TIME-TABLE No. 42

Effective Monday, May 1, 1972

at 12:01 A. M. Pacific Time

Safety Gains Where Courtesy Reigns

FOR EMPLOYES ONLY

Scanned from the Dean Ogle Collection.

TOM

R. L. RICHMOND General Manager General Superintendent Transportation	Time per Mile	Mile per Hour	Time per Mile	Mile per Hour	Time per Mile	Mile per Hour
L. B. MASKILL, SuperintendentLos Angeles, Cal.	30"	120.	52"	69.2	1'15"	48.
200일 - 1일 1990년 1990년 1990년 1일 1990년 1일 1990년 1990	31"	116.1	53"	67.9	1'20"	45.
G. R. TROUTMAN, Terminal Superintendent Los Angeles, Cal.	32"	112.5	54"	66.6	1'25"	42.3
J. C. CLEARY, Terminal SuperintendentLas Vegas, Nev.	33"	109.1	55"	65.4	1'30"	40.
H. B. CROWE, Assistant Terminal Superintendent. Los Angeles, Cal.	34"	105.9	56"	64.2	1′35′′	37.9
J. I. STROSNIDER, TrainmasterLos Angeles, Cal.	35"	102.9	57"	63.1	1'40"	36.
M. D. DECKER, Trainmaster	36"	100.	58"	62.	1'45"	34.3
D. E. BERGERON, Terminal Trainmasterlos Angeles, Cal.	37"	97.3	59"	61.	1′50"	32.7
A. E. FROST, Terminal Trainmaster Los Angeles, Cal.	38"	94.7	1'	60.	1′55"	31.3
W. F. COCKING, Master MechanicSalt Lake City, Utah	39"	92.3	1' 1"	59.	2'	30.
W. E. RAYMOND, Road Foreman of EnginesLos Angeles, Cal.	40"	90.	1' 2"	58.	2'15"	26.6
W. T. SANDLIN, Road Foreman of Engines Los Angeles, Cal.	41"	87.8	1′ 3″	57.1	2'30"	24.
L. F. LOVE, Road Foreman of Engines Las Vegas, Nev.	42"	85.7	1' 4"	56.2	2'45"	21.8
F. D. WENGERT, Division EngineerLos Angeles, Cal.	43"	83.7	1' 5"	55.3	3'	20.
M. McGUIRE, General RoadmasterLos Angeles, Cal.	44"	81.8	1′ 6″	54.5	3'30"	17.1
W. F. GRIFFIN, Superintendent of Safety and CourtesyLos Angeles, Cal.	45"	81.8	1' 7"	53.7	4'	15.
carry and course,	46"	80.	1' 8"	52.9	5′	12.
	47"	78.3	1' 9"	52.1	6'	10.
First Subdivision and Branches	48"	76.6	1'10"	51,4	7'	8.6
R. A. FORBES, Chief Train DispatcherSalt Lake City, Utah	49"	75.	1'11"	50.7	8'	7.5
W. A. McCALL,	50"	73.5	1'12"	50.	10'	6.
Asst. Chief Train DispatcherSalt Lake City, Utah	51"	70.6				
G. J. WILDE, Asst. Chief Train Dispatcher Salt Lake City, Utah	1					
J. T. HOLYOAK, Asst. Chief Train Dispatcher Salt Lake City, Utah						
		LOCATIO	ON OF STA	NDARD C	LOCKS	
accompany and tall lead to the second order	Las Vegas		<mark>.</mark> F	reight Engi	nemen's Locke	er Room
Second Subdivision and Branches	The 1975 E.			E	luctor's Regist	
R. C. ALLYN, Chief Train DispatcherLos Angeles, Cal.	CHILD SECTION AND ADDRESS				Telegrap	
J. E. MUNCEY, Asst. Chief Train DispatcherLos Angeles, Cal.	I comment					
J. L. HULIHAN, Asst. Chief Train DispatcherLos Angeles, Cal.					Yar	
A. C. FLOWERS, Asst. Chief Train Dispatcher Los Angeles, Cal.	NO. (CO.) 350 V. (CO.)				Telegrap	
	East Yard.			Swit	chmen's Locke	er Room
	East Yard			Engi	nemen's Lock	er Room
MILEAGE	East Yard.	*****			Registe	er Room
Main Line	East Yard.				, , Dispatcher	's Office
Branches	East Los A	ngeles			Telegrap	h Office
Total	Los Angele	es	Union	Station Engi	nemen's Lock	er Room

- 6. The following letters, placed before the time in a schedule, indicate:
- s-regular stop;
- f-flag stop to receive or discharge traffic;

- 6 (A). The following letters, placed in column with station name, in time-table indicate:
- D—day operator;
- N-night operator;
- R-train register;
- YL—yard limits.

6 (8). The following letters, placed in column provided in the time-table, indicate:

Hour

42.3

37.9

34.3

31.3

21.8

- A-automatic interlocking;
- F-fueling station;
- I-manual interlocking;
- P-dispatcher's telephone;
- T-turntable;
- X-cross-over;
- Y-wye.

SPEEDS SHOWN BELOW ARE MAXIMUM SPEEDS PERMITTED AND MUST NOT BE EXCEEDED

Designation "Psgr." — Train with Diesel locomotive and all passenger train equipment.

Designation "Frt." — Train with freight cars; train with caboose only; locomotive without cars; locomotive with cars, other than train movement.

GENERAL

Location		Ailes Hour	
Location	Psgr.	Frt.	
When using No. 20 turn-outs, unless a different speed is specified.	40	40	
When using No. 14 turn-outs.	25	25	
When using other turn-outs.	15	15	
Facing point movement over spring switches not protected by signals unless advised by train order that switch has been spiked.	20	20	
On tracks, other than main tracks, unless a different speed is specified.	15	15	
Within yord limits protected by continuous block signal system.	35	35	
Within yard limits not protected by continuous block signal system, unless a different speed is specified.	20	20	
Road freight locomotives GP-7 units Nos. 100-129 inclusive.	65	65	
Other road freight locomotives.	75		
Yard switch locomotives in road service: 1000-1100 class. 1800 class.	35 50	35 50	
Car body type unit backing up light or backing up as leading unit at front of train.	30	30	
When multiple unit engine is controlled from other than leading unit.	30	30	
Wye tracks, except those portions used as main track or siding.	6	6	
Diesel locomotive running light, dynamic brake not in operation, on descending grades in excess of 1 per cent.		35	
Freight trains averaging in excess of 75 tons per operative brake.		40	

Location	100	les Hour
Location	Psgr.	Frt.
Trains handling wrecking derricks: American Hoist derricks 903045, 903046, 903047. Other derricks with 6-wheel trucks. Derricks with 4-wheel trucks. For first five miles after leaving initial terminal with derricks not equipped with roller bearings. (All slower speeds applying to freight trains on curves and other restricted locations must be complied with.)		60 40 35
Trains handling scale test cars, wedge plows or company roadway machines on their own wheels (except wrecking derricks): On main lines—tangent track. On main lines—curves. On branch lines.		35 25 25
Self-propelled cranes, pile drivers, weed burners and similar equipment moving under own power (Slower speed must be observed where condi- tions require.)		35
Jordan spreaders and other machines of spreader type, when in operation with wings extended.		15
Trains handling continuous welded rail or continuous lengths of jointed rail. On unrestricted track. On restricted track or curves, 20 MPH LESS than published speed, except when published speed is 30 MPH or less, must not exceed		40
10 MPH. Through cross-overs or turn-outs.		10
Trains handling diesel units dead in train. Yard switch units of any type. Foreign line, government, export or commercial		35
diesel units other than yard switch type. Union Pacific road-switch units of Alco or Baldwin type.		45 45
Trains handling ore cars UP 26000-26499 inclusive, loaded or empty.		40
Trains handling specially equipped cars for com- pany wheels and axles. UP 99000-99014 inclusive and UP 99500-99962.		50
Trains handling MCPX and MONX 23000 series tank cars loaded with phosphorus.		50

FIRST SUBDIVISION

WESTWARD ₩			TIM	E-TABLE NO. 42		↑ EAS	TWAR
LENGTH OF SIDINGS			٨	MILE	RULE		
CARS	FEET			STATIONS		POST	(6)
			DN-R	LAS VEGAS	VG	334.2	FPY
100	5876			BRACKEN		329.3	P
55	3403			BOULDER JCT.		327.0	PY
89	5297			ARDEN		322.5	P
88	5212		L agrand	SLOAN		315.0	Р
97	5690			ERIE	2007	309.3	P
97	5730		-	8.2 JEAN		301.1	Р
98	5791		-	BORAX		296.3	Р
104	6116			CALADA		287.2	Р
98	5774			NIPTON		277.5	Р
98	5769		-	MOORE		272.1	Р
98	5761	7		IVANPAH		267.5	Р
98	5760	TE		BRANT		262.9	P
88	5226	CONTROI		JOSHUA		258.0	Р
86 89	5088 5272	TRAFFIC) !!	3.8 CIMA		254.2	PY
96	5667	RA		CHASE		250.2	Р
98	5723	1.00	1	3.1 ELORA		247.1	Р
98	5781	IIZE	-	3.7 DAWES		243.4	Р
98	5788	RA		HAYDEN		239.1	Р
172	9827	CENTRALIZED	-	3.6 KELSO		235.5	PY
95	5602	0	.5-9V	4.9 FLYNN		230.6	Р
98	5757			KERENS		225.9	Р
88	5223		-	SANDS		217.8	P
98	5758		J78	BALCH		211.9	Р
98	5765			CRUCERO		204.3	Р
106	6198		-	BASIN		196.9	Р
104	6116) 1	9.6 ——— DUNN		187.3	Р
97	5718		-	FIELD		182.4	Р
98	5771			MANIX		177.8	P
97	5686			TOOMEY		168.3	P
		(DN-R	YERMO	BN	163.2	FPY
				171.0			

V 82	Miles P	er Hour
Location	Psgr.	Frt.
Maximum speed.	79	60
Yermo Between M.P. 161.3 and 163.8.	60	60
Field to Dunn Between M.P.186.1 and 187.1.	70	60
Dunn to Basin Between M.P. 188,4 and 196.2. See Note.	50	40
Flynn Between M.P. 230.9 and 231.2. See Note.	70	55
Cima to Kelso Passenger trains handled by Diesel locomotive with dynamic brake in operation; Diesel loco- motive running light with dynamic brake in operation.	45	45
Kelso to Cima Between M.P. 246.5 and 246.7. Between M.P. 251.3 and 254.0.	60 60	45 45
Cima to Kelso Westward freight trains not required to use retainers per Special Rule 1042(S).		25
Erie Between M.P. 309.3 and 309.8. See Note. Between M.P. 311.7 and 312.5.	70 45	55 30
Sloan Between M.P. 314.6 and 317.1. See Note. Between M.P. 318.5 and 319.7. Between M.P. 320.6 and 321.1.	40 40 65	30 30 55
Las Vegas Between M.P. 333.0 and 334.7. Between M.P. 334.8 and 336.1.	20 60	20 50
Blue Diamond Spur Between M.P. 0.02 and 0.10. Between M.P. 1.4 and 1.6. Between M.P. 3.5 and 4.3. Between M.P. 5.1 and 5.2. Between M.P. 6.3 and 7.7. Between M.P. 8.7 and 9.0. Between M.P. 9.8 and 10.7.		25 20 20 20 20 20 20 12

SPEED RESTRICTIONS

Note.—Reduce Speed or Resume Speed signs placed to left of track:

Westward	Eastward
M.P. 187.5	M.P. 230.5
M.P. 314.6	M.P. 308.8
	M.P. 309.8

Note 1 to Rule 99 is in effect on First Subdivision.

Clearance Requirements

Trains to or from Boulder City Branch need not receive clearance at Boulder Jct.

WESTW	ARD ¥		714	FTABLE .	10. 40		FAST	WARD	SPEED RESTRICTIONS		
	TH OF		5.57.5	MAY 1, 1	25j. 17			NAMES AND V		Miles P	er Hour
- Colores	NGS			The second of th		_	MILE	RULE 6(B)	Location	Psgr.	Frt.
CARS FE	FEET	10.00		STATION		-		20-200-2	Maximum speed.	79	60
		C.T.C.	DN-R	YER/ 4.6		N	163.2	FPY	Los Angeles Union Passenger Terminal Between Los Angeles River Bridge and M.P. O.O.	15	15
		Ü		DAGC 8.8		_	158.6	IP	2.10 0 C C C	15	15
				BARST 82.		A	150.1		Ninth Street Jct. Between M.P. 1.6 and 2.7.	20	20
				SAN BERN		В	67.3		Between M.P. 2.9 and 3.3.	60	35
				COLT	ОИ	_	64.5		Vail Ave Vineyard Ave.		
			S. P	RIVERSID			58.2	IP	Between M.P. 7.7 and 40.01.	65	60
		1	D	RIVER	SIDE V	N	57.5	Р	Pico-Rivera Between M.P. 10.2 and 10.4. See Note.	60	45
104	6095			STREE	TER		53.8	Р	Whittier Jct.		
93	5476			ARLING	STON		53.0	P	Between M.P. 10.9 and 11.3.	65	55
102	5986			PEDI	.EY		48.3	PY	Bartolo		100
101	5952	ŏ	D	MIRA	.OMA	٧	45.6	Р	Between M.P. 15.0 and 15.4.	65	55
		CONTROL		S. P. CRC	SSING		38.1	IP	City of Industry Between M.P. 23.5 and 23.8.	65	55
		Ö	D	ONTA	RIO R	A	37.8	Р	Walnut	-	
102	5968	ñ		MONT	CLAIR		35.5	P	Between M.P. 25.1 and 25.3. See Note.	65	55
		TRAFFIC		S. P. CRC	SSING		33.0	Р	Pomona		7500
		100000	D	POMO	NA P	0	32.0	P	Between M.P. 31.4 and 32.4.	40	40
98	5791	CENTRALIZED		SPAC	RA		28.9	Р	Ontario Over S.P. Crossing M.P. 38.1 and 38.4.	40	40
103	6032	RAL		WALI	TUP		24.4	P	200 × 200 × 100 ×	10	
		Z		PUENTE	JCT.		17.8		Pedley Between M.P. 49.9 and 50.8.	70	55
101	5937	Ü	D	CITY OF I	NDUSTRY B	G	17.0	Р	Between M.P. 51.8 and 52.3.	65	50
				BARTO	OLO		11.3		Streeter Between M.P. 53.4 and 53.7.	45	40
				WHITTIE	R JCT.		10.9	P	Between M.P. 55.4 and 57.1.	45	30
101	5918		D	PICO-R	IVERA	K	10.3	P	Riverside	AND THE RESERVE OF THE PERSON	200.000
52	3214			MONTE	8ELLO		8.5	р	Between M.P. 57.1 and 58.1.	20	20
		3	DN I	AST LOS	ANGELES YL	z	5.7		Daggett to Yermo Between M.P. 158.8 and 159.0.	30	30
			R	EAST 0.	ARD YL		5.6	FPY	Between M.P. 161.3 and 163.8.	60	60
				DOWNEY	ROAD YL	Two	2.8		Crestmore Branch		
		ų		NINTH S	T. JCT. YL	o Mai	1.7		Between Pedley and Crestmore.		10
		C.T.C.		FIRST	ST. YL	3	10000		Note.—Reduce Speed or Resume Speed signs p	laced to le	ft of trac
				PASADENA JCT. YL		Tracks			CONTRACTOR CONTRACTOR	Eastward	
	4		A. T.		(Mission Tower)	1			M.P. 29.0	M.P. 24.6 M.P. 25.3	
	-	12		LOS AN	IGELES				M.P. 37.3		
				(Union S		-			Yard limits include: Crestmore—Crestmore to Pedley.		

Trains originating at Los Angeles Union Station need not receive clearance at L. A. U. P. T. but must receive clearance at East Los Whittier Jct.

Trains originating on A. T. & S. F. must receive U.P. clearance at Barstow or Riverside Jct.

Between Daggett and Riverside Jct. trains are governed by Operating Rules, timetable and Special Instructions of A. T. & S. F. Ry. Between Las Angeles and L. A. U. P. T. Co. terminal limits 200 ft. west of A. T. & S. F. Csg. (Mission Tower) trains and engines are governed by Operating Rules and Special Instructions of L. A. U. P. T. Between Pasadena Jct. and Los Angeles movement af trains and engines is governed by interlocking signals.

ENSIFIED OF MAY 1, 1972	WESTW	ARD ¥	ANAHEIM BRANC	н	A EAST	IWARD	WESTW	ARD ¥	SAN PEDRO BRANCH	A EAST	WARD	
CARS FEET STATIONS CARS FEET R STATIONS FEET FEET STATIONS FEET FEET STATIONS FEET FEET STATIONS FEET F						C. 10-18-50 (COST)						
S.P. CROSSING YL 0.1	CARS	FEET	STATIONS		1,		CARS	FEET	STATIONS		- 1.07	
S.P. CROSSING YL 2.3				YL	0.0	Р			R EAST YARD YL		FPY	
1037			S.P. CROSSING	YL	0.1					3.1	IP	
COLIMA JCT. YL 5.1 LA 48BRA YL 9.7 10.5 10.5 10.5	16	1037	WHITTIER	YL	2.3			-	0.5	3.6	1	
Set			COLIMA JCT.	YL	5.1				1.5	300		
FULLERTON 1.5. 1.			LA HABRA	YL	9.7		65	3739	0.2	150000		
A.T. & S.F. CROSSING YL 17.3 10 10 10 10 10 10 10 1			FULLERTON JCT.	YL	10.5				2.1	15/1/10/	1507	
16 1056 D ANAHEIM YL 20.0			A.T. & S.F. CROSSING	YL	15.5	1	10	716	2.0	5.4.6		
10.56 D ANAHEIM YL 20.0	7	585	D FULLERTON	YL	17.3				1.8		Δ	
Between Colima Jct. and Fullerton Jct. trains and engines are governed by Operating Rules, Time Table and Special Instructions SPEED RESTRICTIONS	16	1056		YL	20.0		104	5915	1.3 ————			
Between Departing Rules, Time Table and Special Instructions of Southern Pacific Co. S.P. CROSSING S.P.			20.0		l		4 (9)5100	1200 8000	1.8	99000000	1000	
SPEED RESTRICTIONS										14.3	Р	
SPEED RESTRICTIONS				ana sp	eciai instr	ructions			DOUGLAS JCT. YL	14.6		
Anaheim Branch, Maximum speed. 25 S.P.CKOSING 19.1			A CONTRACTOR OF THE PROPERTY O						S. P. CROSSING	17.4		
Setween M.P. 0.02 and 0.12. 50 8etween M.P. 0.2 and 0.3 10 8etween M.P. 0.2 and 2.8 10 8etween M.P. 0.3 and 2.8 10 8etween M.P. 0.1 and 5.0 20 8etween M.P. 10.6 and 15.6 15 8etween M.P. 10.6 and 17.7 15 8etween M.P. 10.6 and 18.6 10 23.1 8etween M.P. 20.1 and 20.4 8 8 8 8 8 8 8 8 8	Anah	eim Bra					65	3742	MANUAL	19.1		
D MEAD TFR. YL 22.3 P	Between M.P. 0.02 and 0.12.					5			S. P. CROSSING	21.7		
Between M.P. 5.1 and 5.0. 20 Between M.P. 5.1 and 5.2. 10 Between M.P. 5.1 and 5.2. 10 Between M.P. 5.1 and 5.2. 10 Between M.P. 1.5. and 18.2. 20 Between M.P. 1.5. and 18.2. 20 Between M.P. 1.5. and 18.2. 20 Between M.P. 1.6.8 and 19.8. 15 Between M.P. 1.8.5 and 18.6. 10 22.1						and the same of th			D MEAD TFR. YL	22.3	P	
Between M.P. 10.6 and 15.6. Between M.P. 15.9 and 16.7. Between M.P. 15.8 and 18.2. Between M.P. 18.5 and 18.6. Between M.P. 18.5 and 18.6. Between M.P. 20.1 and 20.4. On Anoheim Branch, yard limits are continuous from Whittier Jct. to and including Anoheim. WESTWARD W BOULDER CITY BRANCH									HENRY FORD BLVD.	23.2	1	
Between M.P. 16.8 and 17.7. 15 15 17.7 15 15 16.8 and 18.2. 20 10 10 10 10 10 10 10	Bet	ween M.I	P. 10.6 and 15.6.			15			1.0	242	DV	
Between M.P. 18.5 and 18.6. Between M.P. 18.6 and 19.8. Between M.P. 20.1 and 20.4. On Ancheim Branch, yard limits are continuous from Whittier Jct. to and including Ancheim. WESTWARD W BOULDER CITY BRANCH	Bet	ween M.I	P. 16.8 and 17.7.			15			1.7	70338	300	
Between M.P. 18.6 and 19.8. Between M.P. 20.1 and 20.4. On Anoheim Branch, yard limits are continuous from Whittier Jct. to and including Anoheim. WESTWARD BOULDER CITY BRANCH EASTWARD LENGTH OF SIDINGS TIME-TABLE NO. 42 MILE RULE POST 6(B) CARS FEET STATIONS BOULDER JCT. YL 0.0 PY 8 BOULDER JCT. YL 0.0 PY 9.8 PP 10 BOULDER CITY YL 22.4 PY 11 2527 D HENDERSON YL 22.4 PY 12 D BOULDER CITY YL 22.4 PY 13 D BOULDER CITY YL 22.4 PY 14 2527 D HENDERSON YL 22.4 PY 15 D BOULDER CITY YL 22.4 PY 16 D BOULDER CITY YL 22.4 PY 17 DEPOT WEST 15. 30 18 Between M.P. 23.3 and 23.6. 10 18 Between M.P. 23.6 and 25.2. 5 Lakewood Branch, waximum speed. 10 Wardlow Road M.P. 17.1. 10 On San Pedro Branch, Maximum speed. 40 Wardlow Road M.P. 17.1. 10 On San Pedro Branch, Maximum speed. 40 Wardlow Road M.P. 17.1. 10 On San Pedro Branch, yard limits are continuous from East Yard to M.P. 14.6. Entire Lakewood Branch is within yard limits. 6 Glendale Branch 10 Trains to or from First Subdivision need not receive clearance at Trains are superior to trains of the same class in the										23.7	-r	
On Anoheim Branch, yard limits are continuous from Whittier Jct. to and including Anaheim. WESTWARD ▼ BOULDER CITY BRANCH ↑ EASTWARD LENGTH OF SIDINGS TIME-TABLE NO. 42 MILE POST 6(B) WESTWARD ▼ BOULDER CITY BRANCH ↑ EASTWARD Lead known as Consolidated Lumber Company track: On straight track. On curves. Vernon, city limits M.P. 2.8 and 4.7. 10 BOULDER JCT. YL 0.0 PY 9.8 P BOULDER CITY YL 22.4 PY BOULDER CITY YL 22.4 PY D HONDERSON YL 9.8 P BOULDER CITY YL 22.4 PY BOULDER JCT. YL 0.0 PY BOULDER JCT. YL 0.0 PY 9.8 P BOULDER JCT. YL 0.0 PY 9.8 P BOULDER JCT. YL 0.0 PY 9.8 P Botween M.P. 2.3 and 21.5. Botween M.P. 22.4 and 23.3. Botween M.P. 22.4 and 23.3. Botween M.P. 23.3 and 25.2. Lakewood Branch Del Amo Boulevard M.P. 15.2. Wardlow Road M.P. 17.1. 10 Clearne Requirements Clearnee Requirements Clearance Requirements Trains to or from First Subdivision need not receive clearance at the same class in the							-					
WESTWARD WESTWARD LENGTH OF SIDINGS	0	n Anahei	im Branch, yard limits are conti	nuous fr	om White	tier Jct.			22.1 N	1	n	
Lead known as Consolidated Lumber Company track: On straight track. On curves.	to	and incl	uding Anaheim.						SOUTH OF THE PARTY			
TABLE NO. 42 MAY 1, 1972 CARS FEET STATIONS BOULDER JCT. YL 0.0 PY 41 2527 D HENDERSON YL 9.8 P D BOULDER CITY YL 22.4 PY Between M.P. 12.6 and 21.8. 10 22.4 PY Boulder City Branch, Maximum speed. 40 East and West Leg, Wyo. Between M.P. 4.1 and 4.3. 8etween M.P. 5.3 and 6.6. 8etween M.P. 7.9 and 11.5. 8etween M.P. 7.9 and 11.5. 8etween M.P. 7.9 and 11.5. 8etween M.P. 12.1 and 13.7. 8etween M.P. 12.1 and 13.7. 8etween M.P. 12.3 and 17.6. 8etween M.P. 20.3 and 21.7. DEPOT WEST Clearance Requirements Trains to or from First Subdivision need not receive clearance at Trains are superior to trains of the same class in the Eastward trains are superior to trains of the same class in the Eastward trains are superior to trains of the same class in the	WESTW	ARD ¥	BOULDER CITY BRAN	ICH	A EAST	WARD	Lec	d known	as Consolidated Lumber Company			
FEET STATIONS BOULDER JCT. YL 0.0 PY 9.8 P 9.8 P P 12.6 D BOULDER CITY YL 22.4 PY Between M.P. 21.6 and 21.8. 10 Between M.P. 22.4 and 23.3. 15 Between M.P. 23.6 and 25.2. 5 SPEED RESTRICTIONS SPEED RESTRICTIONS Location M.P.H. Boulder City Brancfi, Maximum speed. 40 East and West leg, Wyo. Between M.P. 4.1 and 4.3. 30 Between M.P. 23.6 and 25.2. 10 Between M.P. 4.1 and 4.3. 30 Between M.P. 23.6 and 25.2. 10 Boulder City Brancfi, Maximum speed. 40 East and West leg, Wyo. 15 Between M.P. 7.9 and 11.5. 30 Between M.P. 12.1 and 13.7. 30 Between M.P. 12.1 and 13.7. 30 Between M.P. 12.1 and 13.7. 30 Between M.P. 17.8 and 17.6. 30 Between M.P. 17.8 and 19.0. 20 Between M.P. 20.3 and 21.7. 55 Clearance Requirements Trains to or from First Subdivision need not receive clearance at Trains are superior to trains of the same class in the								On c	urves.		6	
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SET OUT TRACKS

Location	Mile Post	Car Capacity	Switch Con- nection	Location	Mile Post	Car Capacity	Switch Con- nection
irst Subdivision				First Subdivision (Continued)			
Bracken	329.3	12	Both	Kerens	225.8	19	Both
Sloan	315.2	32	Both	Sands	217.4	11	Both
Erie	309.1	12	Both	Balch	212.0	14	Both
Jean	300.B	10	East	Crucero	204.1	24	Wes
Borax	296.9	14	Both	Dunn	187.1	31	Both
Calada	287.1	14	Both	Field	182.4	17	Both
Nipton	277.7	12	Both	Manix	177.6	36	East
Moore	271.9	В	Both	Toomey	168.5	4	East
Ivanpah	267.2	12	Both	26 9071 00 80740 08			
Brant	262.8	7	Both	Second Subdivision	22021		75 3
Joshua	258.0	12	Both	Pedley	48.3	94	Both
Cima	254.2	21	Both	Mira Loma	45.0	86	Both
Chase	250.3	11	Both	Spadra	29.5	10	Both
Elora	246.8	9	Both	Walnut	24.4	10	Both
Dawes	243.4	17	Both	City of Industry	17.0	31	Both
Hayden	238.9	10	Both	Pico	10.3	27	Both
Flynn	230.8	16	Both	Montebello	8.5	31	Both

SPECIAL RULES—ALL SUBDIVISIONS

STANDARD TIME

2(R). Wrist watches approved for use under Rule 2 are:

Ball "Official Railroad Standard";

Ball "Automatic Transmaster" model:

Bulova "Accutron-Railroad Approved" model, including Calendar model:

Elgin "B. W. Raymond" model;

Hamilton electric "Railrood Special";

Longines Model "T-905" Railroad Watch;

Longines "Ultra-Chron Roilroad Watch."

MARKERS

19(R). When operating on AT&SF tracks with cabaase with cupala mounted marker, such marker must be lighted, day or

CLEARANCES

97(R). Within CTC territory, assigned locals, work trains or helper engines, having received Clearance Form 2643 at their starting point, may thereafter move in either direction within CTC territory while on continuous tour of duty being governed by indication of signals or instructions from train dispatcher without receipt of additional Clearance Form 2643.

FLAG PROTECTION

99(T). In CTC territary, protection of train in accordance with Rule 99 is not required between Stop signals at a station.

PUBLIC CROSSINGS

103(R). Within the state of California, trains or engines must camply with the pravisions of General Order Na. 108 of the Public Utilities Commission which reads:

- 1. TRAIN MOVEMENTS—Trains moving under conditions that may require them to stop must, where possible, stap to clear public grade crossings. When not possible to stop clear of such crossings and train cannot proceed immediately, crews on other than passenger trains must cut these crossings within 10 minutes unless no vehicles are waiting at ar closely approaching the crossing. Public crossings must be left open until it is known that trains are ready to depart. Crews required to pick up, set out or perform switching operations must, when track room exists, stop their trains back a sufficient distance to avoid blocking public crassings when coupling trains and while charging train lines. When recoupling at public crassings, trains shall be maved promptly consistent with safety.
- SWITCHING MOVEMENTS—Switching movements over public grade crossings should be avoided whenever possible. If not possible, such crassings must be cleared frequently to allow longer than 10 minutes unless it can be seen that no vehicles are waiting at or closely approaching the crossing.
- GRADE CROSSING PROTECTION CIRCUITS—Cars or locomotives must not be left standing nor switches left open within the cantrolling circuits of automatic gate protection devices unless timeout features are provided to allow the gate arms at rear of train. A speed of 50 MPH must not be exceeded. to rise.

SWITCHES

104(R). Except where otherwise specified, No. 14 turnouts are installed at all dual control switches in CTC territory.

CABOOSES

714(R). Doors and windows of cabooses must be locked at all times when caboose is left unattended, either enroute or at terminals.

INSPECTION OF TRAINS

715(R). Referring to Rule 715(B). When practicable, member of crew on the engine must advise crew on rear of train by radio when train is being inspected by other employes.

SWITCHING CARS

804(R). Cabooses, outfit cars, flot cars loaded with trailers or containers, flat cars or multi-level cars loaded with motor vehicles must nat be cut off while in motion and allowed to strike other cars, nor may other cars be cut off while in motion and allowed to strike such cars, or a draft containing such cars.

806(R). Outfit cars converted from passenger train cars contain equipment highly subject to damage from slack oction or rough handling.

These cars must be handled with air brakes cut in and operative.

CONTINUOUS WELDED RAIL TRAINS

809(R). Equipment for handling continuous welded rail, or continuous lengths of bolted rail, consists of 26 permanently coupled flat cars with buffer at each end and caboose for MofW supervisor. Cauplers are blocked against slock and are highly susceptible to damage from rough handling.

This equipment, loaded or empty, must be handled as a unit with air brokes cut in and operative, must not be switched with and must not be humped. These cars must not be cut off while in motion. Other cars must not be cut off while in motion and allowed to couple to these cars or to a draft containing these cars. The following applies:

WHEN LOADED

Maximum speed:

On unrestricted track-40 MPH;

On restricted track—20 MPH less than published speed restriction. Where published speed restriction is 30 MPH or less, maximum speed will be 10 MPH:

Through cross-overs ar turnouts-10 MPH.

After entering siding or yard track, train must not proceed until authority is received from MofW supervisor in charge.

Train and engine crews must be elert for any signal or communication from rail train supervisor while train is moving.

This equipment must not be combined with other traffic except that outfit cars, cars containing track material or related items may be handled behind the CWR equipment as directed by the vehicles to pass and must not be occupied continuously for Chief Dispatcher, wha will authorize such handling only upon instructions from Chief Engineer. Total consists must not exceed 50 cars.

WHEN EMPTY

CWR equipment may be handled with other traffic but total consist must not exceed 50 cars. CWR equipment must be handled

LOCATION OF CARS IN TRAINS

809(S). DODX flat cars 39095-31199 must be handled in rear end of train only.

Aluminum covered hopper cars SN 5501-5510 do not have complete center sill and must be entrained at rear of train not more than 15 cars from rear.

Instruction and exhibition cars 200-209 must be handled in rear of train only.

809(T). The following tank cars are in service for mavement of phospharus fram points in Idaho to various destinations.

MONX 23000 Series, gross weight loaded, 414,000 lbs. MCPX 23000 Series, gross weight, loaded, 414,000 lbs.

19000 Series, gross weight, loaded, 315,000 lbs.

Additional cars of similar capacity and high gross weight may be placed in this service. When being returned to loading points, these cars carry water ballast. The following governs handling:

WHEN LOADED WITH PHOSPHORUS:

MONX 23000 and MCPX 23000 series cars must be separated from the locomotive, from each other, and from any car with gross weight exceeding 220,000 pounds by not less than three cars of a gross weight not exceeding 220,000 pounds. Must be handled at speeds not exceeding 50 MPH.

FMLX 19000 series cars, single or not more than two such cars coupled, must be separated from the locamotive and from any other car exceeding 263,000 pounds gross weight by not less than three cars of a gross weight not exceeding 263,000 pounds.

WHEN LOADED WITH PHOSPHORUS OR WITH WATER BALLAST

These cars must be coupled carefully, must not be humped and must not be cut off while in motion. In switching aperations they must be handled with air brakes cut in and aperative.

Except at loading or unloading facilities where derail protection is provided, if necessary to set these cars out or ta leave them unattended, they must be coupled to another car of a different type, hand brakes applied on both cars and air reservoirs drained to determine that hand brakes are sufficient to hold the cars.

809(U). Cars laaded with phosphorus must be entrained as near to rear of train as possible, but not nearer than sixth car from engine ar occupied caboose.

Cars placarded "Caution-Residual Phosphorus" may be handled at any location in train, except must be not nearer than sixth cor from engine or occupied caboase.

809(V). In freight trains, freight cars 85 feet or more in length must nat be coupled to any car 39 feet or less in length.

809(W). Rule 809(C) applies to modular housing units an flat cars.

UNITS DEAD IN TRAIN

809(X). Foreign line, government, export or commercial diesel units, Union Pacific yard-switcher units of any type or Union Pacific road-switcher units of Alco or Baldwin type, to be moved dead in train must be separated from each other and from the engine by not less than five cars and must be entrained not more than 30 cars behind the control unit. Waybill instructions must be carefully checked and unless otherwise notified in writing must be complied with. In the absence of instructions relative to speed, a speed of 35 MPH must not be exceeded with yord-switcher, or 45 MPH with road-switcher units described above dead in train.

LOCATION OF HOT BOX DETECTORS

M.P. 175.3 between Toamey and Manix M.P. 209.1 between Crucero and Bolch

M.P. 233.5 between Flynn and Kelsa

M.P. 255.9 between Cima and Joshua

M.P. 273.2 between Moore and Nipton

M.P. 292.7 between Calada and Barax

M.P. 323.3 between Arden and Boulder Jct. All read-outs at train dispatcher's office, Salt Lake City.

RIDING ON ENGINES

B16(R). If there is a trailing "A" unit in locomative consist, employes in train or engine service required to deadhead on a freight train may occupy cab of such unit.

Rule 816 is modified accordingly.

ENGINE SERVICE

876(R). Referring to Rule 876. The fireman, when competent, may handle the locomative under the clase supervision of the engineer, under the following conditions, the engineer being responsible:

In road freight service;

In yard service pravided the fireman is a promoted engineer.

The fireman must not be permitted to handle the locomotive in raad possenger service except in emergency.

TRACK RESTRICTIONS

899(R). Unless atherwise provided, GE U-28-C units (2800-2809), ALCO DL-630 units (2900-2909), SD-45 units (3600-3649), and units of 5000 HP or more must not be aperated on branch lines or on industry tracks without permission from train dispatcher or other officer.

Operation of these units should be restricted to main track, sidings and yard tracks necessary for the mavement of trains and the servicing of the units.

899(S). Engines must not go on any industrial trestle.

899(T). Reference Special Rule 899(R), units listed may be used as follows:

> **Boulder City Branch** Blue Diamond Spur Cima, looding tracks

HIGH AND WIDE CARS

900(S). Colifornia Public Utilities Commission General Order 26-D and Nevada Public Service Commission Order in Case No. 1159 cover the operation of cars of excess height and width and of open tap cars containing lading of excess height and width.

In addition to Operating Rules 805 through 805(C), the following applies to the operation of such cars.

Cars of Excess Height

(1) Freight cars of a height exceeding 15' 6" must not be operated, except as indicated below.

Freight cars of a height exceeding 15' 4" but not greater than 5' 6" shall be permanently marked, stenciled or placarded and such marking maintained in a legible condition, reading, "THIS CAR EXCESS HEIGHT."

All such required markings and placarding shall be placed on the side adjacent to the ladder or hand-holds near the floor line of the car at each of the four corners.

Cars of Excess Width

(2) Freight cars of width exceeding 10' 10" must not be operated.

(Continued on Next Page)

Freight cars of a width not exceeding 10' 10" may be handled train order that the cansist of the train includes freight cars of without restrictions or placarding.

Cars with Lading of Excess Height or Width

- (3) No movement shall be made of open top cars containing lading in excess of 15' 6" above the top of rail or extending laterally in excess of 5' 5" from center line of car expect as hereinafter described:
- (4) The operation of cars, the lading of which extends laterally in excess of 5' 5" from center line of car, shall be restricted to lading the size or dimensions of which cannot be reduced.
- (5) All open top cars with lading extending laterally in excess of 5' 5" from center line of car or in excess of 15' 6" in height above top of rail, shall be placarded on the load itself in a conspicuous place when practicable, and the car shall be marked, stenciled, or placarded at location specified in paragraph (1) of
- (6) On any train, the consist of which includes cars loaded as described in the preceding paragraph of this rule, such cars shall be blocked together in one place in the train and if its length permits, they shall be entrained at least 5 cars distant from both the caboase and the engine, provided, however, that the provisions of this sub-section shall not apply to the transportation of rail open top cars of highway trucks or trailers, either loaded or unloaded.

Notifying Train Employes

- (7) A train order shall be delivered to every train containing any car the lading an which extends laterally in excess of 5' 51/2' from center line of car or in excess of 15' 6" in height above top of rail, informing the crew of the train that the train includes such car or cars, stating total number thereaf, and advising that emplayes are prohibited from riding on any such cars.
- (8) A train order shall be delivered to every train the operation of which may be affected by the presence or movement of a train containing such wide loads, described in the preceding paragraph of this rule, informing the crew of the train of that fact.

Notifying Yard Employes

(9) Yard supervisors shall be given notification sufficiently in advance of the arrival of the cars, the lading on which extends laterally in excess of 5' 51/2" from center line of car, to enable them to take necessary precautions to safeguard employes in

Observance of Cars by Employes

- (10) Employes in yards and elsewhere must keep close lookout for wide loads in trains and in switch movements, being on the alert when such movements are passing to avoid hazard of injury from such excess width loads, or damage to equipment.
- (11) Any employe observing a car of excess height or a car containing lading of excess height or width which is not placarded or stenciled as required by this rule, must notify their supervisors immediately.
- (12) Any employe abserving a close overhead or side clearance with a car of excess height ar a car with lading of excess height or width, must make immediate report so that protection can be

The following conditions will govern the handling and movement of High Cube cars of a maximum height of 17 feet from top of rail to tap of car in California and Nevada.

tharized to be aperated shall be informed by an appropriate of retaining valves.

such excess height and that members of the train crew are forbidden to ride on top of any such cars.

- 2. Any yard crew required to handle freight cars herein authorized to be operated shall be notified by its supervising officials of the presence of such cars in said yard.
- 3. Appropriate instructions shall be issued to all road and yard crews farbidding them to ride on the top of the cars herein authorized to be operated.

AIR BRAKE RULES

1001(R). Hostlers must know before moving an engine that adequate air pressure is being maintained and that air brake equipment is functioning properly. Application and release test of independent brake must be made and in addition to noting brake cylinder pressure on gauge, visual inspection must be made to know that brakes apply when independent brake valve is in appli-

Engines must be stopped before moving onto a turn-table, and before entering enginehouse or servicing facilities where elevated trocks or pits are used.

At locations where units are cut into or out of an engine, it must be known that air brake hoses are coupled, that air is cut in and that brokes are operating properly on all units before any move-

At terminals where hostler relieves incoming engineer, brakes must be tested with independent brake valve immediately after engine is detached from train to insure that brakes are operating

Movement of engines at enginehouse, servicing or maintenance facilities must not exceed 5 miles per hour.

1001(S) When handling light locomotives, particularly around enginehouses and servicing facilities, the following applies:

- 1. Safety cantral feature must be cut in, in all cases.
- 2. On raad freight power, after throttle is initially opened, sufficient time must be allowed for engine and generator to build up sufficient current to move the locomotive.
- 3. In case of emergency requiring shorter stop than can be made with independent brake, automatic brake volve should be placed in emergency position which will automatically reduce the engine speed to idle.

1030(R). Air Brake Rule 1030(D) is cancelled.

REMOTE CONTROL RETAINING VALVES

1042(R). On trains which are fully equipped with remate control retaining valve equipment, including caboose with operative retainer line air pressure gouge, remote cantral retaining valves may be used in lieu of manual retaining valves.

On engines equipped for remote control retaining valve operation, engineer's station is provided with retainer line air pressure gauge, a charging valve equipped with cut-out cock and a globe type release valve. To charge the retainer line, the release valve must be closed and charging valve must be opened.

Caboases equipped for remote control retaining valve operation are provided with a retainer line air pressure gauge, and a cutout cock at each end of caboase. Cut-out cock at rear of the caboase must be closed befare attempting to charge retainer line. Approximately 5 minutes is required to charge retainer line to 45 1. The crew of each train containing freight cars herein ou- lbs. pressure, or to deplete retainer line to discontinue operation

sufficient time must be allowed to charge retainer line before entering retaining valve territory. When retainer line is charged to at least 45 lbs, pressure as indicated on retainer line caboose gauge, rear trainmen must notify engineer. If engineer does not receive such notification, train must nat enter territory where use of retaining valves is required until he is advised caboose gauge indicates required pressure, or retaining valves are manually placed in holding position.

When use of remote control retaining valves is discontinued, charging valve must be closed and release valve opened on

While remote control retaining valves are in operation, if an emergency application of air brakes occurs from any source, or pressure in retainer line drops below 30 lbs., as indicated on gauge on cabaose, train must be stopped and all retaining valves must immediately be placed in Holding position manually before releasing automatic air brakes. Retaining valves must be left in manual operation until point is reached where their use is not

When remote control retaining valves are to be used and train is not required to stop, a speed of 8 MPH must not be exceeded over the crest of grade.

PRESSURE MAINTAINING BRAKING

1043(R). Pressure maintaining braking must not be used for extended periods at speeds exceeding 30 MPH. To do so will result in damage to wheels and brake shoes. Application and release method of braking should be used at speeds exceeding 30 MPH, reducing speed sufficiently before release to insure sufficient time for cooling of wheels and recharging brake pipe before it is necessary to again apply brakes.

1043(S). In territory where pressure maintaining braking is being used for extended periods, brake pipe cut-off valve may be placed in passenger position. Position of brake pipe cut-aff valve must not be changed except when brake valve is in Release position.

When operating in Passenger position extreme care must be used as any slight movement of brake valve toward Release position will result in complete release of automotic brakes throughout the train.

STANDING ON GRADE

1044(R). That portion of Air Brake Rule 1044 which reads, When a train is stopped on a grade, air brakes must be re leased, and air brake system immediately recharged" is cancelled.

1044(S). When a train, not required to use retaining valves, is stopped an descending grade, if train cannot be held with independent brake, automatic brakes must not be released until sufficient retaining valves, but not less than 25, have been placed in holding position on head end of train to permit train to be held with independent brake. Before proceeding it must be known that the air brake system is properly charged.

Air brake Rule 1044 is modified accordingly.

DOUBLEHEADING AND HELPER SERVICE

to the train, brake pipe must be connected, angle cocks opened

When retaining valves are placed in service by remote control, | and the brake pipe cut out cock to the brake valve must be closed, and the brake valve handles kept in the prescribed position.

This Rule does not modify Air Brake Rule 1048 thru 1048(E) in

SEPARATING TRAIN OR CARS

1066(R). When locomotive is to be detached, or when a train, or cut of cars being handled with air brakes is to be separated, angle cock at point of separation must not be closed until engineer has made 20-pound brake pipe reduction and has sounded one long sound of engine whistle. In all cases, angle cock must be left open on portion of train or cars left standing.

Those portions of Air Brake Rule 1066 relative to handling angle cocks are modified accordingly.

This does not modify the requirements of Air Brake Rules 1030(B) or 1044(B).

MECHANICAL INSTRUCTIONS

1090(R). If diesel unit is not loading or not making transition, nigh voltage cabinet contactors must not under any circumstances be manually operated.

To determine if the contactors are picking up as they should, he diesel engine should be isolated, then restored to power.

Proper report must be made to the next maintenance terminal.

1090(S). Ground relay protection knife switches are applied for use by electrical forces in making tests of equipment. Under no circumstances may the seal on ground relay knife be broken, or knife switch be opened. When seal on ground relay knife switch is broken or is found broken or missing, such information must be included on work report.

1090(T). To avoid damage to traction motors and failures thereof, when diesel freight lacamotives consists are mixed with units having different gear ratios, the unit having lowest ratio or owest maximum speed will govern maximum MPH. The unit havng highest minimum continuous speed will govern the slower speeds. Short time rating must not be exceeded on any unit in

When operating close to continuous rating under full power, 'Minimum Continuous Speed" or "Maximum Amperage," whichever occurs first, is controlling.

Attention is directed to the fact that short time ratings may not be used consecutively; that is, a unit connot be operated for 15 minutes at the 14-hour rating, then for 30 minutes at the 1/2-hour

If unable to proceed within the limits prescribed, train must be stopped, facts reported to train dispatcher who will instruct as to educing tonnage or providing additional power.

CARS OR LOADS OF EXCESS DIMENSION

For all cars (both laads and empties) which have over-all dimensions exceeding published clearances or whose movement is subject to regulation by State Public Service Commissions, maximum over-all dimensions will be furnished from the Office of General Superintendent of Transportation to District Superintendents of Transportation, General Managers and Superintendents, along with the applicable coded standard operating pro-1048(R). When more than ane locomotive is attached to a cedures for certain specific measurements and conditions which train, the engineman of the leading locomotive shall operate the are common to most of such cars. The codes involve the use of a brakes. On all other motive power units in the train, or connected number and a letter in co-ardinated sequence, i.e., 1-A, 2-B, 3-C, (Continued on Next Page)

etc., and are self-policing against error and are innumerated | 8H. below with the restrictions and protective requirements indicated.

- 1A. Protect against other loads over 12 ft. wide, also all loads and equipment having a width over 12 ft. due to track curvature and through turnouts, by arranging definite 101. meeting and passing points where track centers will provide safe clearance.
- This load must not pass or be passed on parallel, tangent or curved tracks except at arranged meeting and passing 12L. points where track centers will provide safe clearances.
- 3C. This load must not pass or be passed on curved tracks except at arranged meeting and passing points where track centers will provide safe clearance.
- See that loads and equipment are back of fouling points to clear extreme width of this shipment.
- laad exceeding 177,000 lbs. gross weight, by at least codes 1-A through 14-N. three cars not exceeding 177,000 lbs. gross weight each.
- equally loaded.
- 7G. Account too large to move direct via Aspen Tunnel must route east from Ogden over westbound main track through the Altamont Tunnel between Ogden and Granger.

- Cannot be handled direct to Spokane and must move via Hooper Junction and Colfax or Thornton to Spokane.
- Route via the westbound main track No. 5 through the Spokane passenger terminal.
- Do not detour via team tracks Na.'s, 1 and 5 under James Street Railway Viaduct at Kansas City.
- Keep off tracks under train shed and adjacent to umbrella sheds at Salt Lake City.
- Deleted.
- Cars are of standard dimensions on the Utah Division but high and/ar wide in states of Colifornia and Nevada.
- Cars are of standard dimensions for the State of Idaha but high and/or wide in states of Oregon and Washing-

Detailed instructions will be issued to provide proper Separate this load from lacomotive or any other heavy protection far any conditions not specifically provided for in

It must be fully understood that there is to be no change 6F. Load must be placed on carrying car so that all axles are in the present method of issuing train orders for these excess dimension cars.

MAINTENANCE OF WAY RULES

99(U). Maintenance of Way Rule 99(J) is in effect on all bronch lines except the San Pedro Branch.

SPECIAL RULES—FIRST SUBDIVISION

BOULDER CITY BRANCH

MOVEMENTS ON YARD AND OTHER TRACKS

to clear No. 1 track. Trains yarded on No. 1 track must stop receive permission from dispatcher before lining switch for iceto clear old main track.

Target on west switch displays red indication when switch is lined for ald main track.

FLAG PROTECTION

99(V). In territory shown below, from 6:01 AM until 5:01 PM daily except Soturday and Sunday, all extra trains must mave at restricted speed approaching and moving on curves or where view is obscured, keeping close lookout at all points for track cars and men working on track without flag protection. Speed an curves must be such as to be able to stop in one-half the distance track is seen to be clear and whistle signal 14(1) must be sounded frequently:

Boulder City Branch.

SWITCHES AND DERAILS

104(S). Referring to Special Rule 104(R).

Na. 10 turnouts are installed at: Yermo-West switch, old main track.

104(T). On Boulder City Branch, eastward trains must stap such cars before moving to main track. at Stop sign, M.P. 21.76, and line spring point derail before proceeding. After being used derail must be restored to derailing position.

104(U-1). At Arden, normal position of switch at tail track is for west leg of wye and must be left in this position after being

104(U-2). At Blue Diamond, switch to runaway track must be kept lined and locked for runaway track and all switching movements made toward this track.

104(U-3). At Sloan, when switching an siding, switch to spur at east end of siding will be lined for spur, to act as derail.

104(U-4). At Kelso, switches at east and west end of track 5 Kelso must be left lined and locked for track 4 when not in use.

Normal position of switch at Tail Track Kelso is for east leg of wye and must be left lined and locked in that position after being

Cars must not be set out or left stored on west leg of wye at Kelsa.

CENTRALIZED TRAFFIC CONTROL

268(R). At Yermo operating rule 268 applies between M.P. Yermo 162.8 and M.P. 163.1. Trains or engines must not clear main track at Wye switches unless switch is left open.

At Las Vegos aperating rule 268 applies between M.P. 334,7 and M.P. 335.2. Trains ar engines must not clear main track at unit 200 or unit 400 unless switch is left open.

269(R). At Las Vegas, when westward dwarf signal at west end of passenger platform or westward high signal just west of west passenger siding switch displays Stop aspect, freight train may pass signal to enter icehouse track without stopping, pravided the switches are properly lined for movement and proper

hand signal is received from trainman or yardman, but movement 93(R). At Yermo, trains yarded on ald main track must stop must be made at restricted speed. Trainman ar yardmon must house track

POWER OPERATED DERAIL

275(R). At east end of Las Vegas yard, power operated derail on drill track operates in conjunction with main track switch. When necessary to hand operate main track switch ar place selector lever in hand position, as provided in Operating Rule 275 ar 276, derail switch and selector lever on derail switch must alsa be hand operated.

SWITCHING CARS WITH AIR BRAKES CUT IN

806(S). At Las Vegas, when switching an lead, main track, or old main track at east end of yard, nat over 15 cars consisting af ore, coal, sand, fuel ail or other heavy commodities may be pulled aut of yard tracks to be switched, unless air brakes are cut in and operative on the 10 cars next to engine.

806(T). At Blue Diamand, terminal test of air brakes as prescribed in Air Brake Rule 1025 must be made before departure. If necessary to move to main track when making up train, air brakes must be cut in and aperative on all cars being handled and oir brake test prescribed in Rule 1025 must be made on

When making up ore trains originating at Cima, air brakes must be cut in and aperative on all cars. Terminal test of air brakes as required by Air Brake Rule 1025 must be made on each cut before leaving loading track and on entire train before leaving Cima.

USE OF HAND BRAKES

806(U). In complying with provisions of Rule 806(A), the following minimum requirements apply:

ı	Location	Minimum	Requirements

Las Vegas Not less than three hand brakes must be applied on east end of trains or cuts of cars left standing on any

Not less than ten hand brakes must be applied on west end of train left unattended on any track, with or without engine attached.

Not less than three hand brakes must be applied on east end of freight trains on arrival unless outgoing crew or yard crew take charge of train. In such case,

if engine is detached, outgoing crew or yard crew must apply required hand brakes.

Not less than three hand brakes must be applied on east end of cuts of cars left standing on any track,

including Lend-Lease tracks.

LOCATION OF CARS IN TRAIN 809(Y). On westward trains between Cima and Kelso, all empty flat cars must be entrained near rear of train.

INSPECTION OF TRAINS

811(R). When a westward freight train stops at any station between Cima and Kelso, trainmen from front and rear of train (Continued on Next Page)

must make such walking inspection of train as time will permit. but must be at engine or caboose when train is ready to proceed. Rule 811(A) will not apply.

ENGINE SERVICE

871(R). Train or engine crews desiring to eat at Kelso must notify dispatcher as much before arrival as practicable, but not later than at Kelso initial switch.

While crew is eating, engine must be left on train with air coupled and in addition, a member of crew, mechanical employe, or road officer must remain on engine at all times.

TRACK RESTRICTIONS

899(U). Reference Special Rule 899(R), units listed may be aperated on Boulder City Branch and on loading tracks at Cima.

No engines are permitted to operate on the following tracks: Boulder City-Machine Shop track 7.

Blue Diamond-In building at board plant, track 2.

CLOSE CLEARANCES

900(R-1). There are close clearances above and at the side of main tracks as shown below and in addition thereto at platforms and other structures above and at the side of industry, stack and other tracks:

Location	Structure or Obstruction	Clearance of engine or car is close at
FIRST SUBDIVISION M.P. 267.25	Bridge	Side.
M.P. 250.69	Bridge	Side.
M.P. 243.96	Bridge	Side.

middle of track 5 is in loading position it will not clear box or tion of not more than 10 pounds. If brake pipe reduction of more other high type car and will not clear man on side or top af car. than 10 pounds is required to control speed, a speed of 20 MPH Switching must not be done an track 5 when ramp is down in must not be exceeded. loading position. A support six feet wide is lacated between tracks 4 and 5 and care should be exercised when passing.

AIR BRAKE RULES

1029(R). Running air test as required by Air Brake Rule 1029 must be made by passenger trains at:

Cima-Eastward and westward.

1042(S). The following governs use of retaining valves:

When, in the judgment of the conductor or engineer the use of retaining valves is necessary to control the train properly. retaining valves must be used at any point.

A speed of 20 MPH must not be exceeded at any point when etaining valves are in use.

Unless otherwise specified, when use of retaining valves is required, they must be used on all cars in train with retaining valves on all loads in Heavy Holding position.

Maximum permissible tonnage per operative brake from Cima to Kelso is 90 tons, except on unit trains.

Retaining valves must be used as follows:

Blue Diamand to Arden-all trains.

Cima to Kelsa

- 1. All passenger trains. Retaining valves must not be turned down until train has passed M.P. 236.5.
- 2. All trains exceeding 75 tans per operative broke.
- 3. Any train with less than one horsepower effective dynamic brake per trailing ton. Such trains must not exceed 15 MPH Cima to Kelso and must stop and remain standing 10 minutes at Dawes to cool wheels.
- 4. On any train being handled without pressure main-
- 5. Dynamic brake must be tested between M.P. 309 and M.P. 292.
- 6. Conductor must advise engineer number of cars in train, tatal tonnage, and tons per operative brake.

From Cima to Kelso, a train not required to use retaining valves and with nat less than TWO harsepower of effective dynamic brake per trailing ton, may operate at a speed not to exceed 900(T). At Kelso, when cantilever are ramp located about 25 MPH provided speed can be controlled with broke pipe reduc-

> Maximum speed of westward trains over crest of grade at Cima must be 10 MPH less than maximum authorized speed Cima

> Between Kelso and Sands, westward trains exceeding 75 tons per operative brake and which do not have at least one horsepower effective dynamic brake per trailing ton, must not exceed 30 MPH at any point.

SPECIAL RULES—SECOND SUBDIVISION ANAHEIM, LAKEWOOD, SAN PEDRO, PASADENA AND GLENDALE BRANCHES

WHISTLE SIGNALS

entering Abex yard at Pamona.

CLASSIFICATION SIGNALS

21(R). Southern Pacific extra trains need not display white classification lights between Bartolo and Puente Junction.

USE OF ENGINE BELL

30(R). Within corporate limits of cities named below, engine bell must be rung continuously when engine is moving:

Riverside Ontario

Los Angeles The use of engine whistle and bell must be minimized while moving through cities on the Anaheim, and San Pedro Branches.

MOVEMENTS ON YARD AND OTHER TRACKS

93(S). At Yermo, trains yarded on old main track must stop to clear No. 1 track. Trains yarded on No. 1 track must stap to clear old main track.

Torget on west switch displays red indication when switch is lined for ald main track.

93(T). Trains or engines enraute to bulk loader, San Pedro, must obtain authority fram UP train dispatcher before entering SP trackage M.P. 21.6 San Pedro Branch. Switch must be restored to normal position after movement is completed. A speed of 5 MPH must not be exceeded through turnaut to SP.

Trains or engines returning to UP tracks at this location must obtain authority from train dispatcher before re-entering UP

93(U). Before starting yard movement in either direction between Santa Fe Avenue and Olympic Baulevard, member of crew must ascertain from yardmaster at "A" yard that there are no conflicting movements in the area.

Yard movements on two parallel tracks between Santo Fe Avenue and cross-over between 14th and 15th Streets must use track to the right in direction of movement. Cars must not be left standing on these tracks when to do sa would interfere with normal yard movements.

Eastward movements must stop at Stop sign at Santa Fe Avenue near dividing switch in red and green side and ascertain that there are no conflicting movements in ar out of Butte Street yard before proceeding.

93(V). At L. A. Junction yard, before fouling lead or adjacent tracks, member of crew must receive authority from L. A. Junction yardmaster.

93(W). Southern Pacific and Union Pacific operate jointly over Anaheim branch between Colima and Fullerton, under provisions of Rule 93.

Between Fullerton Jct. and Fullerton, assigned hours of operation are as follows

> SP crews-12:01 A.M. to 11:59 A.M. UP crews-12:01 P.M. to 11:59 P.M.

If necessary to use main track between Fullertan Jct. and 14(R). Engine whistle signal 14(L) must be sounded before Fullerton autside of assigned hours, movements must be protected as prescribed by Rule 99.

RAILROAD CROSSINGS AND JUNCTIONS

98(R). Trains and engines must be governed by the following at the railroad crossings and junctions indicated:

Location	Railroad Crossed or Junction With	Trains Which Have Precedence	How Governed
Ontario (M.P. 38.1)	S.P.		Automatic Interlocking and C.T.C. Special Rule 98(S).
M.P. 33.0	S.P.		C.T.C. Signals.
Puente Jct. (M.P. 17.8)	S.P.		C.T.C. Signals.
Bartolo (M.P. 11.2)	S.P.		C.T.C. Signals.
Mission Tower	A.T.&S.F.		Interlocking. Rule 609.
Redondo Jct.	A.T.&S.F.		Interlocking. Rule 609.
Violet Alley, Los Angeles (100 ft. east of Santa Fe Ave.)	A.T.&S.F.	U.P.	Member of crew must pro- tect crossing U.P. old main track.
Violet Alley, Los Angeles (North leg of wye)	A.T.&S.F.	A.T.&S.F.	Member of crew must pro- tect crossing Santa Fe lead track.
Santa Fe Ave., Los Angeles	A.T.&S.F.	A.T.&S.F.	U.P. trains and engines stop. Member of crew protect two crossings.
15th St., Los Angeles	A.T.&S.F.		Stop signs.

**	1 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /		Stop signs.
	SAN PE	DRO BRANCH	1
Hobart (M.P. 3.1)	A.T.&S.F.	A.T.&S.F.	Interlocking. Rule 609.
M.P. 3.6 M.P. 4.6-C M.P. 4.8-C	L.A. Jct. Ry.	U.P.	Semi-automatic Interlocking L.A. Jct. Ry. engines stop and member of crew pro- tect crossings.
South Industry Joint U.PS.P. Lead	Bethlehem Steel	U.PS.P.	Stop sign. U.PS.P. engines stop and if crossing is clear and derails on Bethlehem track are in place, movement may be made over crossing. Bethlehem engines stop and member of crew protect crossing.
Between Bethlehem Steel and Lipsett	Bethlehem Steel	U.P.	Stop signs. Member of crew protect crossing.
M.P. 5.1	S.P.		Automatic Interlocking. Rule 612.
M.P. 7.4	S.P.		Automatic Interlocking. Rule 612.
M.P. 11.2	S.P.		Automatic Interlocking. Rule 612.
M.P. 17.4	S.P.		Stop signs. Rule 98(A).
M.P. 21.7	S.P.		Stop Signs. Special Rule 98(T).

Location	Railroad Crossed or Junction With	Trains Which Have Precedence	How Governed
Anaheim Team Tracks 85 and 87 (M.P. 22.66-C)	A.T.&S.F.	A.T.&S.F.	U.P. engines stop at stop sign. Member of crew protect crossing.
Henry Ford Boulevard (M.P. 23.2)	Drawbridge		Interlocking.
Permanente Co. Spur (M.P. 23.52)	U.P.		Stop sign. Member of crew protect crossing.
	ANAHEI	M BRANCH	
Name of the same o	Linguistan I		I a a a a a a a a a a a a a a a a a a a

	ANAH	EIM BRANCH	
M.P. 0.1	S.P.		C.T.C. Signals.
M.P. 15.5	A.T.&S.F.	A.T.&S.F.	Interlocking. See instructions in phone box neaderails.
Anaheim Sugar Spur (M.P 19.0)	A.T.&S.F.	U.P.	A.T.&S.F. trains and engine stop and member of cre- protect crossing. U.F. trains and engines ap proach prepared to sto unless crossing is clear

98(5). Far movement over S.P. crossing, M.P. 38.1, the following will govern:

When an eastward train or engine is stopped by semi-automatic interlocking signal, Operating Rule 613 will govern.

When a westward train or engine is stopped at CTC signal lacated 1550 feet east of crossing, in addition to receiving clearance Form C, Operating Rule 613 will govern.

98(T). For movement over S.P. Crossing, M.P. 21.7, San Pedro Branch, the following will govern:

When fog or inclement weather conditions exist, impairing vision, a lighted red fusee must be placed not less than 100 ft each side of crassing before movement is made over crossing. Southern Pacific and Santa Fe trains and engines have precedence over Union Pacific trains and engines when using this and one drag one way of not in excess of 10 cars. crossing and will proceed at 10 MPH without stopping.

98(U). On Pasadena branch, track occupancy indicators have been installed at AT&SF crossing Avenue 33 (M.P. 2.7).

When indicator displays "UNOCCUPIED" indication, gate may be lined against AT&SF and movement over crassing may be made at once.

When indicator displays "OCCUPIED" indication, train or engine must wait for change of indication. After waiting five minutes, if indication has not changed to "UNOCCUPIED" indication, flag pratection must be provided in both directions on AT&SF, after which gate may be lined against AT&SF and train or engine may then move over crossing.

After movement over crossing is campleted, gate must be restored to its normal position against Union Pacific movements.

98(V). Trainmen of engines entering or leaving spur track at North Main Street, Los Angeles, must communicate with signalman at Mission Tower, who will release electric lock on derail.

9B(W). For movement of U.P. trains and engines to and from Glendale Branch at Arroyo Jct., S.P. switchtender must be notified to handle switch.

FLAG PROTECTION

P.M. daily except Saturday and Sunday, all extra trains must road crossing leading to Trailer Dock Office.

move at restricted speed approaching and moving on curves or where view is obscured, and keeping close lookout at all points for track cars and men working on track without flag protection. Speed on curves must be such as to be able to stop in one-half the distance track is seen to be clear, and whistle signal 14(L) must be sounded frequently.

Angheim Bronch.

PUBLIC CROSSINGS

103(S). All trains and engines must stop and be preceded by a flagman over the following public crossings:

Manuel Lead —Sepulveda Boulevard;

103(T). Automatic crossing gates are in service, Turnbull Canyon Road, M.P. 17.2, between switches City of Industry.

If necessary for train stopped in siding to cut crossing, cut will be made clearing aluminum stripes on rails each side of crossing. Crew member can raise gates by operating switch key control box located on instrument house west of crossing. Gates will again lower when switch key is removed. Black switch key control box keyed for Union Pacific and Southern Pacific switch key.

103(U). On Anaheim Branch, all trains and engines must be prepared to stop at Harbor Blvd. near Fullertan, M.P. 17.3.

103(V). Stop signs have been installed each side of Broadway Street crossing, Anaheim.

Trains or engines must stop before passing stop sign. During daylight hours, trainman must precede train or engine over crossing. During night time hours, trainman must place a lighted fusee on each side af track and precede train or engine over crossing with lighted lantern.

103(W). The city of Los Angeles has placed the following restrictions on trains and engine movements over Olympic Blvd. and Lemon Sts. in vicinity of Alameda Freight Terminal:

- (1) 7:00 A.M. to 8:00 A.M., one locomotive in each direction
- (2) 8:01 A.M. ta 9:30 A.M., one locomotive in each direction and one drag one way of not in excess of 15 cars.
- (3) 4:45 P.M. to 5:45 P.M. (Not to use crossing of all.)
- (4) 3:30 P.M. to 4:44 P.M.; also 5:46 P.M. to 6:00 P.M., a total of one locomotive in each direction and one drog in each direction of not in excess of 15 cars each.
- (5) 6:30 A.M. to 6:30 P.M., no movements may block the crossing for a total period of time in excess af 6 minutes out of ony 15 minute interval.

Yardmasters as well as crews must see that these restrictions are complied with.

103(X). At North Main Street, Los Angeles, between Posadena Jct. and Dayton Ave. tower, marker posts indicate the limits of time-out crossing signal circuits. When stop is to be made approaching Main Street, train or engine must stop before passing marker posts. If necessary to stop after crossing Main Street, stop must be made beyond marker posts in order to release automatic gates. After stap has been made, any further movement toward the crossing must be made in compliance with Rule 103(E).

103(Y). When shaving cars into North, South or Center Drott tracks, all movements must stap before passing west side of free-99(V). In territory shawn below, from 6:01 A.M. until 5:01 way bridge and a member of crew must protect movement over

103(Z-1). All trains or engines must stap at stop sign at Bandini Blvd, crossing. Before maving over crossing it must be known that gates are down.

103(Z-2). At Manuel, train crossing Sepulveda 8lvd. on Manuel lead must stap clear of Sepulveda Blvd. to open gates at the Veteran's Administration graunds. Gates must be closed and lacked after movement is completed.

103(Z-3). On Glendale Branch, all trains and engines must approach and pass over San Fernando Road and Fletcher Drive very carefully, keeping sharp lookaut for street traffic.

SWITCHES AND DERAILS

104(V). Referring to Special Rule 104(R):

No. 10 turnouts are installed on dual controlled switches as follows:

—West switch, old moin track. Yerma

M.P. 160.27 -West switch, Lend-Lease Yard.

Riverside -West switch, siding.

Whittier Jct. - Anaheim Branch switch.

M.P. 3.75 -Cross-aver and switch from No. 2 main track to yard lead.

-Switch, west end af "A" Yard, from No. 2 main M.P. 3.47 track to yord lead.

Dawney Road-M.P. 2.82-Fram Na. 3 auxiliary track to Hobart lead.

Downey Road-M.P. 2.75-Crass-aver from Na. 2 main track to No. 3 auxiliary track.

9th St. Jct. -No. 1 main track diverging switch to 8utte Street Yard.

7th St. Yard —No. 1 main track—Dual control switches, east and west end of yard ot Olympic 8lvd. and 1st

104(W). On Glendale Branch, derail located on main track | Seventh Street Yard. just below run around switch at Glendale.

NORMAL POSITION OF SWITCHES

104(X). Switches will be set normally at:

Santa Fe Ave.-Old U.P. main line switch-for Butte Street yards.

Colima Jct.—For S.P. Yorba Linda branch.

Fullerton Jct.-For U.P. Anaheim branch.

104(Y). Normal position of switch to AT&SF yard, west end inbound lead at Hobart is for inbound lead.

104(Z). At Mead Transfer, main track switch to west leg of wye and main track switch to Mead Yard may be left lined as last used. All trains and engines must approach these switches a member of crew must communicate with signalman at Dayton prepared to stap unless switch is properly lined.

TRACKS OTHER THAN MAIN TRACKS

105(R). Between CTC Stop signals vicinity M.P. 3.8 and CTC Stop signals vicinity M.P. 7.7 there is no main track. Rule 105 signal and 330 feet east of westward home signal. Switching governs.

Maximum authorized speed between these locations is 20 signals without interfering with operation of Southern Pacific.

Befare leaving departure yord, eastward trains or engines must receive authority from Crest Tower Yardmaster.

CENTRALIZED TRAFFIC CONTROL

265(R). CTC Rules are in effect as follows: Between Pasadena Jct. and M.P. 3.8 Between M.P. 7.7 and Riverside.

268(R). At Yermo operating rule 268 applies between M.P. 162.8 and M.P. 163.1. Trains or engines must not clear main track at wye switches unless switch is left open.

INTERLOCKING

605(R). The following whistle signals will be used to indicate

Riverside Ict

From A.T.&S.F. westward main track to U.P. siding	0
From U.P. main track to A.T.&S.F. eastward main track	0
From U.P. main track to A.T.&S.F. westward main track	0000
To transfer track	0 0 0
Hobart:	
Far east wye	0
From San Pedro main track to A.T.&S.F. siding	0
From A.T.&S.F. siding to San Pedro main track	0
From U.P. transfer to A.T.&S.F. siding	0 0 0
From A.T.&S.F. siding to U.P. transfer	0 0 0

At Los Angeles, microphone is installed on signal bridge at Fourth Street for westward movements on bath main tracks and on Stop signal on yard lead at First Street for mavements leaving

Following whistle signals will be used to indicate raute:

For Unian Station	0
To and fram Glendale Jct	
To turn equipment or engine	0 0

At Mission Tower, one lang sound of towerman's emergency whistle is a signal for all movements within interlacking limits to stop at once and not move until proper signal or definite information is received from signalman.

609(R). When a train or engine is stopped by an interlacking signal at Signal Bridges 3, 4, or 6, between Dayton Avenue and Mission Tower and signal does not change to proceed indication, Avenue or Mission Tower.

609(S). At Bell, in performing switching between home and approach signals, cars must not be left standing on clearance section of track lacated between 350 feet west of eastward home movements may be made between these paints and approach

(Continued on Next Page)

At Bell, when making movements from siding or Bethlehem Steel Corporation spur to main track, trainmen must be governed by track occupancy indicator. If track occupancy indicator displays Unoccupied indication, switch may be thrown and when dwarf signal displays proceed indication, movement will be made at restricted speed. When performing switching at those points, flag protection must be provided for cars left on main track between home signals.

When making movements to and from Bethlehem Steel Corporation spur to siding, switch nearest train must be lined first to make contact for governing signal.

609(T). Home signal of east end Los Angeles River bridge at Redondo Tower governs westward movements over A.T.&S.F. spur track crassing at west end of bridge.

Color light dwarf signal at west end of Los Angeles River bridge governs westward movements over A.T.&S.F. main track crossing at Redondo Tawer.

COLTON YARD

803(R). Union Pacific crews warking in Colton Yard will work under the supervision and instructions of Caltan Yardmaster. Following Southern Pacific rules apply:

S.P. Rule 826-Colton: Indicator lights located at each end of icing platform on PFE tracks Nos. 5, 6 and 7, and at switch to PFE spur, govern movement af those tracks as follows:

Green: Tracks may be used for train or switching movements. East Yard

Tracks may be entered but cars on tracks must not be coupled to ar moved. Trains made up on these tracks must not depart until it has been ascertained indicator displays green aspect.

Not Lighted: Must be considered as displaying most restrictive indication and icing platform foreman must be contacted for instructions before cars are coupled to

S.P. Rule 825-Colton: When trains or cars are left standing in being handled at following locations: Calton Yard, a sufficient number of hand brakes must be set an the east end to properly secure cars.

Not less than six hand brokes must be set on the east end when trains or cars are left standing except when less than six cars, all hand brakes must be set. Such brakes must be securely applied using standard brake club to set staff brokes.

When necessary to release hand brakes to move partion of the cars the same number of brakes must be set on remaining cars. This also applies to cars set out at 9th Street Interchange.

All mavements on yard tracks Colton must be made with caution, not exceeding 15 MPH.

SWITCHING ON KENOSHA AUTO TRANSPORT TRACKAGE, MONTEBELLO

804(S). Tracks at Kenasha Auto Transport facilities have capacity of five 85-foot cars each to clear gate. There is heavy descending grade from main track to gate. Before attempting to place cars at this lacation, movement must stop on main track and must remain standing on main track until gate is apened.

Due to close clearance created by curvature and long cars, west track (right hand track entering from main track) must, when practicable, be spotted first.

SWITCHING MOVEMENTS

804(T). At Tube Sales Co., East Las Angeles, all movements nust stap before entering building.

804(U). Los Angeles Terminal area has a great number of curves in excess of 16°, and before switching freight cars 85 feet ar more in length into industry tracks, it must be known that the curvature is less than 16°.

USE OF HAND BRAKES

806(V). In complying with provisions of Rule 806(A), the following minimum requirements apply:

Nat less than three hand brakes must be applied on east end of freight trains on arrival unless autgaing crew or yard crew take charge of train. In such case, if engine is detached, outgoing crew or yard crew must apply required hand brakes.

Not less than three hand brakes must be applied on Yermo east end of cuts of cars left standing on any track. including Lend-Lease tracks.

Riverside Not less than one hand brake must be applied

on west end of cars left standing on any track. East Yard

Nat less than six hand brakes must be applied on west end af all trains or cuts of cars stopped east of Atlantic Blvd.

Nat less than six hand brakes must be applied on east end of trains or cuts of cars stopped west of Atlantic Blvd., including A Yard tracks 2, 3 and 4.

Butte Street Yard Not less than three hand brakes must be applied on Alameda Street end of cuts of cars delivered to S.P.

SWITCHING CARS WITH AIR BRAKES

806(W). Air brakes must be cut in and operative on all cars

East Yord -Trailer ramp; Drott tracks.

-Oil laading platform.

LOCATION OF CARS IN TRAIN

809(Z). On westward trains between Summit and San Bernardina, all empty flat cars must be entrained near rear of train.

TRACK RESTRICTIONS

899(V). Reference Special Rule 899(R), units listed may be used on San Pedro Branch and on S.P. connection to bulk unlaader.

899(W). No engines are permitted to aperate on following

San Pedro Branch — M.P. 10.20 over trestle Dayton Foundry Ca. spur;

Anaheim Branch -M.P. 2.6 over trestle on Old Sunkist Packing Co. spur.

CLOSE CLEARANCES

900(R2). There are close clearances above and at the side of main tracks as shown below and in addition thereto at platforms

and other structures above and at the side of industry, stock and prohibited from riding on top of cars while passing under other tracks:

Location	Structure or Obstruction	Clearance of engines or car is close at
SECOND SUBDIVISION M.P. 55.9 M.P. 55.7 M.P. 52.4 M.P. 31.9 (Thomas Street). M.P. 11.1 M.P. 10.80 M.P. 8.90 M.P. 1.89 (Butte Street) Los Angeles River Los Angeles Union Station.	Highway bridge Canal syphon wall Bridge Iron post barricade Highway bridge Bridge Highway bridge Bridge Bridge Bridge Umbrella sheds	Side. Top. Side and top. Top. Side.
SAN PEDRO BRANCH Anaheim Boulevard M.P. 8.52	Highway Viaduct	Top. Side.

Note—Umbrella sheds in LAUPT passenger yard will not clear a

Street Viaduct at M.P. 22, San Pedro Branch, and all persons are signal is displayed.

900(U). Sign reading "Trains Must Not Operate Beyond This Sign" is located 877 feet west of switch to Novack Scrap Yard, Champagne Spur; no train ar engine mavement may be made beyond this sign. All cars must be left east of sign.

900(V). At Sears Roebuck, 5525 So. Soto Street, moveable bridges are in service at warehouse doors 8 and 11, which may extend over warehouse track and foul lead track. Bridges are equipped with oscillating red lights when extended.

Two indication signal is located on warehouse platfarm roof inside gate at Soto Street. When red indication is displayed, tracks are fouled, and all mavements must stop until bridges have been retracted and green signal is displayed.

900(W). At UniRoyal Company, 5675 Telegraph Road moveable bridge may extend over track serving receiving dock. Two indication signal is located on face of building. A red signal man an tap of car, nor an side of car except when standing on sill indicates bridge is extended over track, and when this indication is displayed, movements must stop before passing the red signal All trains and engines must stop before passing under Anaheim and must not proceed until bridge has been retracted and green

UNION PACIFIC RAILROAD EMPLOYES HOSPITAL ASSOCIATION PHYSICIANS AND SURGEONS:

NAME	TITLE	PLACE
J. M. Farris, I	District Surgeon	Los Angeles
G. K. Smith,	Asst. Dist. Surgeon	Los Angeles
D. J. Romeo,	Asst. Dist. Surgeon	Las Vegas
H. L. Finsten,	Surgeon	Alhambra
		, Arcadia
		Barstow
C. S. Muller,	Surgeon	Bell
A. L. Kobal,	Surgeon	Covina
W. W. Meier,	Surgeon	East Los Angeles
C. R. Brown,	Surgeon	
		Eagle Rock
		Fullerton & Anaheim
		Glendale
		Las Vegas
		Las Vegas
		Long Beach
T. E. McCloy,	Physician	Long Beach
S. Cryst, Surg	eon.,.,.,	Los Angeles
		Los Angeles East Yard
E. M. F. Weo		Los Angeles
		Los Angeles-Compton
		Los Angeles-Palos Verdes
	Surgeon	
J. T. Lanier,		Riverside
		San Bernardino
H. D. Orr, S	urgeon	Victorville

