

**RULE 455, VERBAL AUTHORIZATION
BY FOREMAN AND ENGINEER'S ACKNOWLEDGEMENT**

When train approaches limits specified by Track Bulletin Form B, the engineer must attempt to contact employe in charge by radio sufficiently in advance to avoid delay, advising his location and specifying track.

The following words will be used by foreman in properly identifying himself:

"Foreman _____ (of Gang No. _____) using Track Bulletin No. _____ Line No. _____ between MP _____ and MP _____ on _____ Subdivision."

In granting verbal authority for movement through limits of Track Bulletin Form B, the following alternatives will be used by foreman:

- (a) **Movement Beyond Red Flag**
To authorize train or engine to pass a red flag, or enter limits, without stopping, the following will be added:
" _____ (train) _____ may pass red flag located at MP _____ (or enter limits) without stopping."
Train or engine may pass red flag, or enter limits, without stopping, continuing to move at restricted speed and must stop short of men or equipment fouling track.
- (b) **Movement at Speed Greater Than Restricted Speed**
To authorize a train or engine to proceed at a speed greater than restricted speed, the following will be added:
" _____ (train) _____ may proceed through the limits at _____ MPH (or at "maximum authorized speed.")
Train may proceed through the limits at the prescribed speed unless otherwise restricted.
- (c) **Movement at Speed Less Than Restricted Speed**
To require train or engine to move at a speed less than restricted speed, the following will be added:
" _____ (train) _____ may proceed at restricted speed but not exceeding _____ MPH (adding if necessary "until reaching MP _____")
Train must not exceed the prescribed speed and must be prepared to stop short of men or equipment fouling the track or a red flag to the right of the track.

The instructions issued by foreman under (a), (b), or (c) must be repeated by the engineer and "OK" received from foreman before they are acted upon.

When the word STOP is written in the Stop column, train or engine must not enter the limits until verbal authority is received from employe in charge as prescribed by example (a) above.

SPEED TABLE

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



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

EASTERN REGION

NORTHERN DIVISION

TIMETABLE No.

5

IN EFFECT

Sunday, October 25, 1987

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

**This Timetable is for the exclusive use
and guidance of employes.**

**D. G. McINNES,
General Manager
Topeka, Kansas**

**D. E. MADER C. L. HOLMAN V. G. NAIL
Assistant General Managers
Topeka, Kansas**

**J. M. MARTIN,
Superintendent,
Fort Worth, Texas**

TRAINMASTERS

R. H. DeHAVEN Fort Worth, Texas
 V. L. COLBERT Fort Worth, Texas
 R. D. WILLIAMS Brownwood, Texas

ASSISTANT TRAINMASTERS

R. D. SWEARINGIN Gainesville, Texas
 J. L. GOERING Dallas, Texas
 P. C. EVERETT Dallas, Texas
 T. M. PENNY Dallas, Texas
 J. M. HART Dallas, Texas
 R. D. MANNING Dallas, Texas
 R. H. INGRAM Dallas, Texas
 M. L. ELKINS Fort Worth, Texas
 T. K. CARRIGAN Fort Worth, Texas
 G. T. HILL Fort Worth, Texas
 L. R. HALL Fort Worth, Texas
 J. D. IVY Fort Worth, Texas
 T. M. RUPERT Brownwood, Texas
 B. J. SEALE Brownwood, Texas
 F. M. EDWARDS Brownwood, Texas
 E. D. LEUDECKE Brownwood, Texas
 I. W. MODAWELL Brownwood, Texas
 D. G. PIPES Cleburne, Texas
 J. W. ELROD Cleburne, Texas
 W. L. MHOON Cleburne, Texas
 S. L. CLARK Cleburne, Texas

DIVISION MANAGER OF RULES

C. R. SAUNDERS Fort Worth, Texas

SUPERVISOR OF AIR BRAKES —

GENERAL ROAD FOREMAN OF ENGINES

J. M. QUILTY Topeka, Kansas

ROAD FOREMEN OF ENGINES

F. J. SMITH Fort Worth, Texas
 R. L. McAVOY Brownwood, Texas

DIVISION MANAGER OF SAFETY

T. G. CORBIN Fort Worth, Texas

CHIEF DISPATCHER

D. B. ASHLEY Fort Worth, Texas

ASSISTANT CHIEF DISPATCHERS

O. A. LEWIS Fort Worth, Texas
 E. S. FIELDS Fort Worth, Texas
 R. A. CRAWFORD Fort Worth, Texas

DISPATCHERS — FORT WORTH, TEXAS

C. P. PIERCE, JR. D. P. REYNOLDS
 J. D. BLANKENSHIP H. F. FULLER
 A. G. COPPINGER C. R. LAWRENCE
 J. C. RUSSELL R. D. TINSLEY
 F. W. ULLMANN C. W. PLUMLEE
 R. T. SHAVER B. C. DAVIS
 J. E. WEAVER S. R. HASTINGS
 J. G. WILLIAMS R. G. McINTIRE

AVOID DAMAGE —

SWITCH CUSTOMERS' CARS CAREFULLY OVERSPEED Couplings are DAMAGING

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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EXPLANATION OF CHARACTERS

A — Automatic Interlocking
 B — General Orders/Bulletins
 g — Gate, normally lined against conflicting route.
 G — Gate, normally lined against this subdivision.
 G — Gate, left lined in position last used.
 M — Manual Interlocking
 P — Telephone
 R — Radio Communication
 S — Crossing protected by stop sign
 T — Turning facility
 X — Crossover (DT)
 Y — Yard Limits
 MT — Main Tracks

EXPLANATION OF ROADWAY SIGNS

Temporary Restriction — Red, Yellow and Green flags or Disc
 Permanent Speed Sign — Square or Rectangular in shape,
 Yellow with numerals or Green.
 Permanent Stop Sign — Rectangular in shape, Red color.
 Whistle Sign — Square in shape, White with letter "W".

WEST- WARD ↓		FIRST SUBDIVISION	↑ EAST- WARD
Station Numbers	Siding Feet	STATIONS	Mile Post
51400		PURCELL	517.5
51325	8297	WAYNE ^{7.3} P	510.2
51315	8229	PAOLI ^{7.6}	502.6
51300	12105	PAULS VALLEY ^{7.0} T	495.6
51255	8804	WYNNEWOOD ^{7.5}	488.1
51250	9225	DAVIS ^{10.1}	478.0
51240	8599	DOUGHERTY ^{8.4} CTC	469.6
51225	8443	GENE AUTRY ^{9.3}	460.3
51200	5731	ARDMORE ^{9.9} PRT	450.4
	6427	OVERBROOK ^{7.4}	443.0
51140	10025	MARIETTA ^{9.9}	433.1
51120	8053	THACKERVILLE ^{10.0}	423.1
51100		GAINESVILLE ^{11.8} BPR	411.3
		(106.2)	

CTC IN EFFECT: On main track and sidings between Gainesville and Purcell.

Booth phone located at Washita River, M.P. 464.3.

Average Poles Per Mile:

Purcell to Ardmore 37 poles/mile.

Ardmore to Gainesville 40 poles/mile.

FIRST SUBDIVISION

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

First Subdivision	55 MPH
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(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons 45 MPH.

(C) SPEED RESTRICTIONS—VARIOUS

	Location	MPH
4 Curves	M.P. 515.4 to 513.2	50
* Crossings	M.P. 510.6 to 510.2	40
5 Curves	M.P. 506.7 to 504.5	50
* Crossings	M.P. 496.1 to 495.2	30
* Crossings	M.P. 488.3 to 487.7	30
* Crossings	M.P. 478.1 to 477.2	50
4 Curves	M.P. 475.1 to 473.7	50
Curve	M.P. 467.5 to 467.3	50
10 Curves	M.P. 466.4 to 462.8	35
Curve	M.P. 462.6 to 462.0	45
Curve	M.P. 460.3 to 459.6	45
11 Curves	M.P. 459.3 to 453.2	50
Main Track, and Siding	M.P. 451.0 to 449.7	25
* Crossings	M.P. 452.4 to 447.7	30
* Crossings	M.P. 433.3 to 432.8	50
6 Curves	M.P. 422.3 to 419.9	50
3 Curves, and Red River Bridge	M.P. 419.1 to 417.1	35
* Crossings	M.P. 412.4 to 409.5	30

* Speed Restriction applies only while head-end of train is passing crossings.

(D) SPEED RESTRICTIONS—SWITCHES AND AUXILIARY TRACKS

Switches each end of sidings between Gainesville and Purcell are dual control; maximum speed permitted through turnouts, except Ardmore, 30 MPH; all others, except those listed below, 10 MPH.

"D"—Dual Control Switch

Station	Type	Location	MPH
Purcell	D	West end west tail track	20
	D	Crossover east end of yard	20
Pauls Valley	D	Three Crossovers	30
Ardmore	D	Both ends siding	25
Gainesville	D	East end tail track east end yard	30
	D	Crossover main track to tail track	30

FIRST SUBDIVISION

2. TRACKS BETWEEN STATIONS

Name	Mile Post Location	Track Capacity in Feet
Pauls Valley Industrial Lead	496.1	14,050
Rayford storage track Crusher	473.3 466.4	5,600 11,050
Ardmore Air Park	461.1	6,550
Ardmore Industrial Lead	449.6	26,400
Western Company	448.6	1,550
Borden Chemical	414.0	800

3. TRACK SIDE WARNING DEVICES

Location	Type	Signal or indicator affected
M.P. 491.8	Dragging Equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Lights and Radio Readout
M.P. 457.6	Dragging Equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Lights and Radio Readout
M.P. 426.2	Dragging Equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Lights and Radio Readout

When actuated comply with Special Instructions Rule 9 of this timetable.

Bridge 467.5	High Water	Eastward-Block Signal 4662 Westward-Controlled signals at west end siding Dougherty
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When HIGH WATER DETECTOR is actuated, signals will display most restrictive indication. Trains receiving verbal permission to pass controlled signals in stop position and trains passing stop and proceed Block Signal 4662 must stop and make inspection of bridge and track to be sure safe before passing over, unless otherwise instructed by train dispatcher. Report must be made to dispatcher by first means of communication.

First Class	WEST-WARD ↓	SECOND SUBDIVISION		↑ EAST-WARD	First Class
21					22
Leave Mon. Wed. Sat.	Station Numbers	Siding Feet	STATIONS	Mile Post	Arrive Sun. Tue. Fri.
	51100		GAINESVILLE BPR	411.3	
	51060	8204	VALLEY VIEW	400.8	
	51050		SANGER	392.2	
	51045	8179	DALTON JCT.	386.8	
	51040		KRUM	383.5	
	51035	7898	PONDER	377.3	
	51030	6678	JUSTIN	370.6	
	51025	6961	HASLET	362.0	
	51020	s 11896 N 12059	B.N. Crossing M O.K. K.T. Crossing SAGINAW BPRT	353.9	
Via M. P.	51015	4383	F.W. Belt Crossing St. L.S.W. Crossing M NO. FORT WORTH	348.8	Via M. P.
PM s 3:05 3:40	51000		FORT WORTH	346.0	PM s 3:25 2:55
			S.P. Crossing M U.P. Crossing	345.7	
			U.P. Crossing M	345.6	
			U.P. Crossing M	345.5	
	2321		POLKS	344.9	
	43535	6054	BIRDS	342.8	
			B.N. Crossing M	342.2	
	43520	7908	CROWLEY	333.7	
	43510	8437	JOSHUA	325.3	
s 4:27 PM	43500		CLEBURNE BPRT	317.5	s 1:53 PM
Arrive Mon. Wed. Sat.			(93.8)		Leave Sun. Tue. Fri.

CTC IN EFFECT: On main track and sidings between M.P. 319.79, Cleburne, and Gainesville, except between westward controlled signals at west end Fort Worth 17th Street Yard and eastward controlled signals at east end freight main, M.P. 346.8, and on sidings North Fort Worth and Saginaw; on main track between M.P. 317.45 and west thereof, on Southern Division First Subdivision.

At Fort Worth, interlocking signal at west end passenger yard is two-unit colorlight signal. Top unit governs westward movements to Santa Fe Track; bottom unit governs movements to the Southern Pacific track.

SECOND SUBDIVISION (FOOTNOTES Continued)

At Cleburne, Cresson Subdivision Junction switch normally lined for Second Subdivision.

RULE 94 IN EFFECT: At Cleburne, between the end of CTC at M.P. 317.45 and M.P. 319.79; at Fort Worth, between westward controlled signals, west end 17th Street Yard and eastward controlled signals east end freight main, M.P. 346.8.

Average Poles Per Mile:

Gainesville to Sanger 40 poles/mile

Sanger to Cleburne 35 poles/mile

Rule 350(B). Hand throw switches not electrically locked on Second Subdivision.

Location	Mile Post	Industry Served
No. Ft. Worth	350.8	Industrial Scrap
No. Ft. Worth	349.4	Yard Track
No. Ft. Worth	348.8	Oil Storage Track
Crowley	333.8	Aztec Mfg. Company
Joshua	325.17	West End House Track

SECOND SUBDIVISION

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

BETWEEN:	MPH	
	Psgr.	Frt.
Gainesville and Fort Worth		55
Fort Worth and Cleburne	79	55

(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons

45 MPH

(C) SPEED RESTRICTIONS—VARIOUS

	Location	MPH
* Crossings	M.P. 412.4 to 409.5	30
* Crossings	M.P. 392.5 to 391.9	50
Crossings	M.P. 358.5 to 353.8	40
RR Crossings	M.P. 353.8 Interlocking	25
Crossings	M.P. 353.8 to 349.0	40
RR Crossing	M.P. 349.0 to 348.5 Interlocking	25
3 Curves	M.P. 348.5 to 346.9	40
RR Crossings and Track	M.P. 346.9 to 345.4 Interlocking	10
5 Curves and Crossings	M.P. 345.4 to 343.2	20
Curve, and Crossings	M.P. 343.2 to 342.2	40
RR Crossing	M.P. 342.2 Interlocking	40
Crossings	M.P. 342.2 to 335.7	40
* Crossings	M.P. 335.7 to 331.9	55
Curve	M.P. 329.3 to 329.1	65
Curve	M.P. 327.5 to 327.2	65
Crossings Curves, and Track	M.P. 319.9 to 316.1	20

*Speed restriction applies only while head-end of train is passing crossings.

(D) SPEED RESTRICTIONS—

SWITCHES AND AUXILIARY TRACKS

Switches each end of sidings between Gainesville and Cleburne are Dual Control; maximum speed permitted through turn-outs except Polks, North Fort Worth, north and south sidings Saginaw, 30 MPH; all others except those listed below, 10 MPH.

"D"—Dual Control Switch

Station	Type	Location	MPH
Gainesville	D	West end long track	10
Dalton Jct.	D	Both ends pocket track	30
	D	Dallas Subdivision Jct.	40
Saginaw	D	Both ends of North and South sidings	10
North Fort Worth	D	Both ends siding	10
Fort Worth	D	East end Freight Main	10
Polks	D	Both ends siding	10
Birds	D	Both ends siding	20
	D	Dublin Subdivision Jct.	10
Cleburne	D	East end tail track M.P. 321.4	30
	D	East Crossover M.P. 319.89	30
	D	West Crossover M.P. 319.82	30
	D	East Crossover M.P. 317.45	10
	D	West Crossover M.P. 317.45	10

SECOND SUBDIVISION

2. TRACKS BETWEEN STATIONS

Name	Mile Post Location	Track Capacity in Feet
Danci	328.3	1,350

3. TRACK SIDE WARNING DEVICE

Location	Type	Signals or indicators affected
M.P. 390.7	Dragging equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Light and Radio Readout
M.P. 358.5	Dragging equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Light and Radio Readout
M.P. 351.4	Dragging equipment	Rotating White Light located at: M.P. 351.4 and M.P. 349.9
M.P. 323.6	Dragging equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Light and Radio Readout

When actuated, comply with Special Instructions Rule 9 of this timetable.

When DRAGGING EQUIPMENT DETECTOR indicator light is illuminated an immediate stop must be made, thorough inspection made of both sides of train or cut of cars being handled, track inspected and control station notified.

WEST-WARD ↓		DALLAS SUBDIVISION		↑ EAST-WARD
Station Numbers	Siding Feet	STATIONS		Mile Post
51045	8179	DALTON JCT. 6.5		111.2
48640		DENTON 2.3		104.7
48635	3878	MINCHIN 27.1		102.4
48625	6651	COWLEY 5.0	TWC	75.3
48620		RICHARDSON 0.2		70.3
		S.P. Crossing 6.4	A	70.1
48615		WHITE ROCK 1.1	Y	63.7
48610	5426	ZACHA JCT. 2.3	BPRY	62.6
48605		REINHARDT 6.6		60.3
		U.P. Crossing 0.5	A	53.7
48600		DALLAS 0.7	BPRY	53.2
		S.P. Crossing 0.6	M	52.5
		St. L.S.W. Crossing 0.1	M	51.9
		SANTA FE JCT. 0.1		51.8
		M-K-T Crossing 0.1	M	51.7
		TERMINAL JCT. 2.0		51.6
44472	2010	OAK CLIFF 3.9		49.6
44468	1866	HALE 5.6	Y	45.7
44450	1901	DUNCANVILLE 5.5		40.1
44440	670	CEDAR HILL 7.3		34.6
		S. P. Crossing 0.4	A	27.3
44435	2528	MIDLOTHIAN 3.2		26.9
43556	S 7810 N 7550	WARD SPUR 4.1	TWC	23.7
43554	1880	VENUS 6.9		19.6
43550	1348	ALVARADO 1.3	P	12.7
		M-K-T Crossing 11.4	A	11.4
43500		CLEBURNE BPRTY		0.0
		(111.2)		

CTC IN EFFECT: On main track between east end siding Hale and westward controlled signal at Southern Pacific crossing, M.P. 52.5; on main track between eastward controlled signals, M.P. 53.7, and Zacha Jct.

At Dallas, CTC in effect on Southern Pacific main track between M.P. 52.7 and 51.7.

TWC IN EFFECT: Dallas Subdivision between CTC Dalton Jct., M.P. 111.0 and CTC Zacha Jct., M.P. 62.6; and between CTC east end Hale, M.P. 45.8 and Cleburne M.P. 0.0.

At both ends siding Oak Cliff and east end of siding Hale, when letter "S" illuminated on "STOP SIGNAL", train must stop and operate switch to enter siding unless otherwise instructed by control operator.

Signals on the industrial lead and connecting tracks between the Southern Pacific connection at Santa Fe Jct. and west end Dallas yard at Good-Latimer Expressway, M.P. 52.6, govern movements over Dual Control Switches only. Movements on the industrial lead are governed by Rule 105.

Rule 315(A). At Dallas Tower 19, when crank operated power switches are used in hand position (cranked over), switches must not be returned to power or motor position until movement is clear of switches.

DALLAS SUBDIVISION

FOOTNOTES (Continued)

At Cleburne, Second Subdivision time table rules will govern.

Booth phone located at M.P. 91.0

Average Poles Per Mile:

Dallas to Dalton Jct. 35 poles/mile

YARD LIMITS—

Richardson—Zacha Jct., M.P. 66.8 to 62.6

Dallas, M.P. 53.7 to 52.5

Hale, M.P. 45.8 to 45.0

Cleburne, M.P. 2.0 to 0.0

Rule 350(B). Hand throw switches not electrically locked on Dallas Subdivision.

Location	Mile Post	Industry Served
Oak Cliff	50.2	Rock Tenn
Oak Cliff	49.9	Rock Tenn
Oak Cliff	49.85	Rock Tenn
Oak Cliff	49.81	Rock Tenn
Oak Cliff	49.7	Rock Tenn
Oak Cliff	49.25	Ewing St. Team
Oak Cliff	49.2	Houston Band Mill
Oak Cliff	49.63	Wheat Lumber
Oak Cliff	47.95	Dixico
Oak Cliff	47.83	Tyler St. Team

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED BETWEEN:

Dalton Jct. and Mile Post 38.2	25 MPH
Mile Post 38.2 and Cleburne	35 MPH

(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons 45 MPH.

(C) SPEED RESTRICTIONS—VARIOUS

	Location	MPH	
	Crossings	M.P. 82.7 to 79.4	20
*	Crossings	M.P. 73.5 to 70.1	20
	RR Crossing	M.P. 70.1 Auto. Interlocking	20
*	Crossings	M.P. 70.1 to 68.4	20
6	Curves and Track	M.P. 66.9 to 61.4	20
	Curve	M.P. 54.1 to 53.7	20
**	RR Crossing	M.P. 53.7 Auto. Interlocking	20
	Track	M.P. 53.7 to 52.7	20
	RR Crossings and Curve	M.P. 52.7 to 51.5 Interlocking	20
	Crossings		
	Curves and Track	M.P. 45.8 to 45.0	20
*	Crossings	M.P. 29.0 to 27.3	25
	RR Crossing	M.P. 27.3 Auto. Interlocking	20
*	Crossings	M.P. 27.3 to 23.5	25
2	Curves	M.P. 13.4 to 12.3	25
	RR Crossing	M.P. 11.4 Auto. Interlocking	20
5	Curves	M.P. 7.0 to 7.9	25
	Crossings and Track	M.P. 2.0 to 0.3	20
	Curve	M.P. 0.3 to 0.0	10

* Speed Restriction applies only while head-end of train is passing crossings.

** At Missouri Pacific crossing, M.P. 53.7, if controlled signal governing movement over crossing is in stop position, communicate with control station. If authorized to pass stop signal, before proceeding, a member of crew must go to control box at crossing and follow instructions therein.

DALLAS SUBDIVISION

SPECIAL INSTRUCTIONS (Continued)

(D) SPEED RESTRICTIONS—SWITCHES AND AUXILIARY TRACKS

Maximum speed permitted through turnouts of main and auxiliary track switches, except those listed below, 10 MPH.

"D"—Dual Control Switch

Station	Type	Location	MPH
Zacha Jct.	D	Paris Subdivision Jct.	30
	D	Both ends siding	20
Dallas	D	Santa Fe Jct.	10

2. TRACKS BETWEEN STATIONS

Name	Mile Post Location	Track Capacity in Feet
Tetra Pak	105.5	11,000
Lewisville Team Track	90.8	500
Han-Dee-Pack	88.8	550
Dallas Morning News	74.7	1,860
Vent-A-Hood	70.4	1,500
Arapaho Team Track	70.2	600
Northgate Industrial Lead	66.4	2,750
Niagra Envelope	65.4	1,500
Jupiter Road Industrial Lead	64.4	1,960
Gaylord Container	64.3	1,860
White Rock Industrial Lead	63.7	15,000
Hale Cement Line	45.8	8.9 miles
Red Bird Industrial Lead	42.2	8.9 miles
High Meadows Industrial Lead	31.8	8,950
Box-Crow Track	29.5	9,300
Southwest Railroad Car Parts Company	19.9	970

WEST- WARD ↓		DUBLIN SUBDIVISION		↑ EAST- WARD	
Station Numbers	Siding Feet	STATIONS		Mile Post	
43535	6054	BIRDS			342.8
		BELT JCT.			0.9
43174	7218	PRIMROSE			8.4
43168	7187	CRESSON	T		22.0
43164	7382	WAPLES			30.7
43160		GRANBURY			36.5
43153	7202	TOLAR			46.4
43148		BLUFFDALE			55.1
43144	7203	IMMERMERE		CTC	62.5
43140	7213	STEPHENVILLE	P		72.3
43136	8154	DUBLIN			86.1
		T. C. Crossing	A		86.2
43132	7643	PROCTOR			95.3
43128	7391	COMANCHE	P		108.1
43124	7206	BLANKET			121.7
43120	7496	DELAWARE			128.0
43105	5403	RICKER			344.4
43100	8100	BROWNWOOD	BPRT		348.4
		(139.1)			

At Birds, Second Subdivision timetable rules will govern.

CTC IN EFFECT: On main track and sidings between Birds and eastward controlled signal M.P. 347.7, Brownwood; M.P. 348.9 and M.P. 349.0, Brownwood.

RULE 94 IN EFFECT: at Brownwood, between M.P. 347.7 and M.P. 348.9; between M.P. 349.0 and M.P. 349.4.

Average Poles Per Mile:

Birds to Brownwood 30 poles/mile

Rule 350(B). Hand throw switches not electrically locked on Dublin Subdivision.

LOCATION	MILE POST	INDUSTRY SERVED
De Cordova Spur	42.3	Texas Power & Light Co.
Stephenville	71.9	Poston Feed & Milling
Stephenville	72.1	Texaco Oil Co.
Stephenville	73.8	Caporal Forging, Inc.
Dublin	86.1	T.C. Interchange
Dublin	86.5	Triple B Fertilizer
Comanche	108.1	Comanche Team Track Short Siding
Comanche	109.4	Moorman Mfg. Co.
Centex	110.8	American Plant Food
Blanket	121.5	Team Track

DUBLIN SUBDIVISION

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED BETWEEN:

Mile Post 0.0 and Mile Post 1.7	20 MPH
Mile Post 1.7 and Mile Post 6.6	40 MPH
Mile Post 6.6 and Brownwood	49 MPH

(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons 45 MPH.

(C) SPEED RESTRICTIONS—VARIOUS

	Location	MPH
2 Curves	M.P. 0.0 to 0.9	10
Curve	M.P. 21.3 to 21.7	45
8 Curves	M.P. 25.0 to 28.5	40
3 Curves	M.P. 29.4 to 30.0	30
Curve	M.P. 34.7 to 35.1	40
Crossings	M.P. 35.3 to 37.3 (continuous)	30
2 Curves	M.P. 39.0 to 39.5	30
4 Curves	M.P. 39.7 to 41.0	40
5 Curves	M.P. 41.0 to 43.4	30
2 Curves	M.P. 43.5 to 44.1	45
Curve	M.P. 45.6 to 45.8	40
Curve	M.P. 48.3 to 48.6	40
6 Curves	M.P. 48.9 to 50.5	30
Curve	M.P. 52.3 to 52.9	35
Curve and Paluxy Creek Bridge	M.P. 53.6 to 53.8	40
6 Curves and South Paluxy Creek Bridge	M.P. 55.3 to 57.4	40
10 Curves	M.P. 60.3 to 66.2	40
2 Curves and Bosque River Bridge	M.P. 71.0 to 71.9	30
Curve	M.P. 72.4 to 72.6	30
Curve	M.P. 73.4 to 73.6	45
Curve	M.P. 75.1 to 75.3	45
4 Curves	M.P. 75.6 to 76.8	40
Curve	M.P. 79.1 to 79.4	45
17 Curves	M.P. 79.6 to 85.5	40
* Crossings	M.P. 85.4 to 86.4	30
2 Curves	M.P. 85.7 to 86.2	30
RR Crossing	M.P. 86.2 Auto. Interlocking	30
Curve	M.P. 86.7 to 86.9	45
7 Curves	M.P. 89.0 to 91.8	40
8 Curves	M.P. 95.9 to 98.4	35
3 Curves	M.P. 98.6 to 99.8	40
Curve	M.P. 100.3 to 100.4	45
4 Curves	M.P. 101.1 to 102.4	40
* Crossings	M.P. 107.2 to 108.6	20
13 Curves	M.P. 111.1 to 115.1	40
Curve	M.P. 118.1 to 118.4	45
13 Curves	M.P. 122.0 to 126.9	40
Curve	M.P. 134.5 to 134.6	40
2 Curves	M.P. 345.7 to 346.2	40
2 Curves	M.P. 347.7 to 348.2	30
* Crossings	M.P. 348.8 to 349.0	20

* Speed Restriction applies only while head-end of train is passing crossings.

DUBLIN SUBDIVISION

SPECIAL INSTRUCTIONS (Continued)

(D) SPEED RESTRICTIONS— SWITCHES AND AUXILIARY TRACKS

Switches each end of sidings between Birds and Brownwood are Dual Control; maximum speed permitted through turnouts 30 MPH; all others, except those listed below, 10 MPH.

Trains and engines using auxiliary tracks must not exceed maximum turnout speed for that track.

"D"—Dual Control Switch

"S"—Spring Switch

Station	Type	Location	MPH
Birds	D	Dublin Subdivision Jct.	10
Belt Jct.	S	East wye switch	10
Cresson	D	Cresson Subdivision Jct.	30
Ricker	D	Both ends pocket track	30
	D	Dublin Subdivision Jct.	30
Brownwood	D	East end tail track	10
	D	Both ends siding	20
	S	West end outbound lead	10
	D	West end yard lead M.P. 349	10

2. TRACKS BETWEEN STATIONS

Name	Mile Post Location	Track Capacity in Feet
DeCordova Spur	42.3	1,490
Triple B Fertilizer	86.5	1,121
Moorman Mfg. Co.	109.4	1,330
American Plant Food	110.8	500

3. TRACK SIDE WARNING DEVICES

Location	Type	Signals or indicators affected
Bridge 64.1	High Water	Eastward-Block Signal 652 Westward-Controlled signals west end siding Immermere
Bridge 80.6	High Water	Eastward-Controlled signals east end siding Dublin Westward-Controlled signals west end siding Stephenville
M.P. 102.7	Dragging Equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Light and Radio Readout

When HIGH WATER DETECTOR is actuated, signals will display most restrictive indication. Trains receiving verbal permission to pass controlled signals in stop position and trains passing stop and proceed Block Signal 652 must stop and make inspection of bridge and track to be sure safe before passing over, unless otherwise instructed by train dispatcher. Report must be made to dispatcher by first means of communication.

WEST-WARD ↓		SWEETWATER SUBDIVISION		↑ EAST-WARD	
Station Numbers	Siding Feet	STATIONS			Mile Post
43100	8100	BROWNWOOD	BPRT	ABS TWC	348.4
43020	7333	BANGS			357.9
43015	6708	OBREGON			364.2
43010	3989	SANTA ANNA			369.7
43005		SAN ANGELO JCT.	PT		373.5
42994	8697	COLEMAN	P		378.3
42990	5639	SILVER VALLEY	P		391.0
42986	9149	NOVICE	P		396.5
42982	4010	GOLDSBORO			402.9
42978	4039	LAWN	P		409.5
42974	5261	TUSCOLA	P		415.4
		A. & S. Crossing	A		416.0
42966	7012	VIEW	P		426.6
42962	4144	COZART	P		432.0
42958	6512	TOLAND	P	443.3	
42950	6738	TECIFIC		CTC	454.5
42900		SWEETWATER	BPRTY		459.6
(111.2)					

CTC IN EFFECT: M.P. 349.0 to M.P. 348.9 on main track, Brownwood and on main track between Orient Jct., on Plains Division, and M.P. 454.2, Sweetwater Subdivision and on siding Tecific.

TWC IN EFFECT: On the Sweetwater Subdivision between Brownwood, M.P. 349.4, and beginning of CTC at Tecific, M.P. 454.2.

At San Angelo Jct., San Angelo Subdivision Jct. switch normally lined for Sweetwater Subdivision.

RULE 94 IN EFFECT: At Brownwood, between M.P. 349.4 and M.P. 349.0; and M.P. 348.9 and M.P. 347.7.

Average Poles Per Mile:

Brownwood to Sweetwater 31 poles/mile

YARD LIMITS—

Sweetwater, M.P. 636.3 to 642.3 (Sayard Subdivision)

SWEETWATER SUBDIVISION

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

Sweetwater Subdivision	55 MPH
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(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons 45 MPH.

(C) SPEED RESTRICTIONS—VARIOUS

	Location	MPH
* Crossings	M.P. 348.8 to 349.0	20
Curve	M.P. 349.8 to 350.1	35
4 Curves	M.P. 350.8 to 353.2	30
* Crossings	M.P. 357.1 to 358.7	40
Curve	M.P. 362.3 to 362.7	50
2 Curves	M.P. 369.4 to 370.8	30
* Crossings	M.P. 369.5 to 370.2	30
* Crossings	M.P. 378.3 to 379.5	30
3 Curves	M.P. 380.2 to 381.9	45
2 Curves	M.P. 383.4 to 383.8	50
Curve	M.P. 386.3 to 386.6	40
Curve	M.P. 391.3 to 391.7	45
2 Curves	M.P. 397.6 to 398.3	45
Curve	M.P. 399.6 to 400.1	45
2 Curves	M.P. 410.7 to 411.3	50
RR Crossing	M.P. 416.0 Auto. Interlocking	30
2 Curves	M.P. 455.7 to 457.1	45
3 Curves	M.P. 458.0 to 460.6	40
* Crossings	M.P. 1.3, Sweetwater Yard, to M.P. 641.6, Sayard Subdivision	10

* Speed Restriction applies only while head-end of train is passing crossings.

(D) SPEED RESTRICTIONS—SWITCHES AND AUXILIARY TRACKS

Maximum speed permitted through turnouts of main and auxiliary track switches, except those listed below, 10 MPH.

"D"—Dual Control Switch

"S"—Spring Switch

Station	Type	Location	MPH
Brownwood	D	East end tail track	10
	D	Both end sidings	20
	S	West end outbound lead	10
	D	West end yard lead M.P. 349	10
Bangs	S	Both ends siding	20
Obregon	S	Both ends siding	20
Santa Anna	S	Both ends siding	20
San Angelo Jct.	S	East leg Wye	20
Coleman	S	Both ends siding	20
Silver Valley	S	Both ends siding	20
Novice	S	Both ends siding	20
Goldsboro	S	Both ends siding	20
Lawn	S	Both ends siding	20
Tuscola	S	Both ends siding	20
View	S	Both ends siding	20
Cozart	S	Both ends siding	20
Toland	S	Both ends siding	20

(Continued)

SWEETWATER SUBDIVISION

(D) SPEED RESTRICTIONS—SWITCHES AND AUXILIARY TRACKS (Continued)

Station	Type	Location	MPH
Tefic	D	Both ends siding	30
	D	Turnout from siding to M.P. Ry.	30
Sweetwater	D	Tail Track	10
	D	East end Track 0201	10
	D	Turn out from Main Track to west end Track 0201	10
	D	East and West legs of Wye	10
	D	Orient Jct.	10

2. TRACKS BETWEEN STATIONS

Name	Mile Post Location	Track Capacity in Feet
Martin Brick	379.1	3,268
Coleman Grain	379.2	1,123
Storage Tracks	379.4	6,516

3. TRACK SIDE WARNING DEVICES

Sweetwater Subdivision		
Location	Type	Signal and Indicator Affected
M.P. 372.0	Dragging Equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Light and Radio Readout
M.P. 400.9	Dragging Equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Light and Radio Readout
M.P. 429.4	Dragging Equipment Hot Box (Dual Purpose Detector) with Radio Readout (Reporter)	Rotating White Light and Radio Readout

When actuated comply with Special Instructions Rule 9 of this timetable.

WEST-WARD ↓		SAN ANGELO SUBDIVISION		↑ EAST-WARD	
Station Numbers	Siding Feet	STATIONS			Mile Post
43005	2604	SAN ANGELO JCT.	PTY		0.0
30530	5252	TALPA			20.9
30525	1585	BALINGER	P		36.9
30520	2615	ROWENA		TWC	45.6
30515	2544	MILES			54.2
30510	2623	HARRIET			63.1
30500		SAN ANGELO	BPTY		69.6
(69.6)					

TWC IN EFFECT: On the San Angelo Subdivision, between San Angelo Jct., M.P. 0.0 and San Angelo, M.P. 69.6.

At San Angelo Jct., Sweetwater Subdivision Jct. switch normally lined for Sweetwater Subdivision.

At San Angelo, switches on east and west legs of wye, Northern Division Jct., San Angelo Subdivision, normally lined for Plains Division, Fort Stockton Subdivision.

Average Poles Per Mile:

San Angelo Jct., to San Angelo 30 poles/mile

YARD LIMITS—

San Angelo Jct., M.P. 0.0 to 2.0

San Angelo, M.P. 67.0 to San Angelo

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

San Angelo Subdivision	30 MPH
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(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons 45 MPH.

(C) SPEED RESTRICTIONS—VARIOUS

	Location	MPH
Curve	M.P. 0.0 to M.P. 2.0	20
Curve	M.P. 10.5 to 10.7	25
* Crossings	M.P. 36.7 to 38.4	20
Curve and Colorado River Bridge	M.P. 37.4 to 37.7	20
* Crossings	M.P. 68.9 to 69.6 (continuous)	15

* Speed Restriction applies only while head-end of train is passing crossings, except applies to entire train M.P. 68.9 to 69.6.

(D) SPEED RESTRICTIONS—SWITCHES AND AUXILIARY TRACKS

Maximum speed permitted through turnouts of main and auxiliary track switches, except those listed below, 10 MPH.

"S"—Spring Switch

Station	Type	Location	MPH
San Angelo Jct.	S	East leg Wye	20

2. TRACKS BETWEEN STATIONS

Name	Mile Post Location	Track Capacity in Feet
Spur Track Valera	11.3	600
San Angelo Feed Yard	57.2	850

WEST-WARD ↓		PARIS SUBDIVISION		↑ EAST-WARD	
Station Numbers	Siding Feet	STATIONS			Mile Post
48700		PARIS	PRY		151.1
		M. P. Crossing	Y		150.3
48695	1860	ROXTON	Y		138.5
48692	1655	BEN FRANKLIN			133.0
48688		PECAN GAP			127.6
48685	1440	LADONIA			121.6
48682	1628	WOLFE CITY			113.3
		M-K-T Crossing	A		104.4
48679	1706	CELESTE		TWC	104.3
		L. & A. Jct.	P		91.1
48676	1770	FARMERSVILLE			91.0
48673	1942	COPEVILLE			84.3
48670	1889	WYLIE			75.8
48655	1944	SACHSE			71.6
		M-K-T Crossing	A		66.8
48650		GARLAND			66.4
48610	5426	ZACHA JCT.	PRY		62.6
(88.5)					

TWC IN EFFECT: On the Paris Subdivision between Paris M.P. 151.1 and CTC Zacha Jct. M.P. 62.6.

At Farmersville, L&A Jct. switch normally lined for L&A.

At Zacha Jct., Dallas Subdivision time table rules will govern.

YARD LIMITS—

Paris—Roxton, M.P. 151.1 to 137.1

Farmersville, M.P. 93.4 to 90.0

Garland—Zacha Jct., M.P. 67.7 to 62.6

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

Between:

Paris and Mile Post 90.0	20 MPH
Mile Post 90.0 and Mile Post 67.7	30 MPH
Mile Post 67.7 and Zacha Jct.	20 MPH

(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons 45 MPH.

(C) SPEED RESTRICTIONS—VARIOUS

	Location	MPH
RR Crossing	M.P. Ry.,	
Stop Rule 98	M.P. 150.3	6
* Crossings	M.P. 113.6 to 112.7	10
RR Crossing	M.P. 104.4 Auto. Interlocking	20
RR Crossing	M.P. 66.8 Auto. Interlocking	20

* Speed Restriction applies only while head-end of train is passing crossings, except M.P. 104.4 applies to entire train.

PARIS SUBDIVISION

SPECIAL INSTRUCTIONS (Continued)

(D) SPEED RESTRICTIONS— SWITCHES AND AUXILIARY TRACKS

Maximum speed permitted through turnouts of main and auxiliary track switches 10 MPH.

2. TRACKS BETWEEN STATIONS

Name	Mile Post Location	Track Capacity in Feet
Paris Industrial Park	149.2	2,100
Inter-Continental, 5 tracks	67.4	4,500
Team track	64.9	300
Texas Industries	63.0	250
Team track	63.0	950

WEST-WARD ↓		CRESSON SUBDIVISION		↑ EAST-WARD	
Station Numbers	Siding Feet	STATIONS			Mile Post
43500		CLEBURNE	BPRTY		317.5
43172	1036	GODLEY		TWC	10.3
43168	7185	CRESSON			18.4
(19.4)					

TWC IN EFFECT: On the Cresson Subdivision between Cleburne, M.P. 0.0 and CTC Cresson, M.P. 18.4.

At Cleburne, Second Subdivision timetable rules will govern.

At Cresson, Dublin Subdivision timetable rules will govern.

YARD LIMITS—

Cleburne, M.P. 0.0 to 3.0

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

Between:

Cleburne and Mile Post 14.0	40 MPH
Mile Post 14.0 and Cresson	30 MPH

(B) SPEED RESTRICTIONS—TONNAGE

Maximum authorized speed for freight trains when averaging 90 tons or over per operative brake, or when train exceeds 7,000 tons 45 MPH.

(C) SPEED RESTRICTIONS—VARIOUS

Location	MPH	
Curve	M.P. 0.0 to 0.1	10
Crossings, and Track	M.P. 0.1 to 3.0	20
Track and Bridges	M.P. 5.4 to 8.0	30

(D) SPEED RESTRICTIONS— SWITCHES AND AUXILIARY TRACKS

Maximum speed permitted through turnouts of main and auxiliary track switches 10 MPH.

WEST-WARD ↓		FORT STOCKTON SUBDIVISION		↑ EAST-WARD	
Station Numbers	Siding Feet	STATIONS			Mile Post
30500		SAN ANGELO	BPRTY		714.5
30496	2308	TANKERSLEY			732.4
30492	2332	MERTZON			745.7
30488	2246	NOELKE			756.1
30480	2492	BARNHART			771.6
30472	3882	BIG LAKE	P	TWC	790.6
30464	800	RANKIN			819.9
30460	2850	McCAMEY			838.6
30452	2152	GIRVIN			849.6
30444	2100	BALDRIDGE			863.8
30440		SULPHUR JCT.	T		869.4
30424		FORT STOCKTON	PTY		881.7
(167.9)					

TWC IN EFFECT: On Fort Stockton Subdivision.

At San Angelo, switches on east and west legs of wye, connection to Northern Division, San Angelo Subdivision, normally lined for Ft. Stockton Subdivision.

At San Angelo, main track switches at each end of yard normally lined and locked for yard movement.

YARD LIMITS—

FORT STOCKTON SUBDIVISION

San Angelo, M.P. 709.7 to 722.0

Fort Stockton, M.P. 880.2 to 884.7

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

	MPH
San Angelo to M.P. 869.4	49
M.P. 869.4 to Fort Stockton	25
(Sulphur Industrial Spur, M.P. 869.4)	30

(B) SPEED RESTRICTIONS—TONNAGE

45 MPH when averaging 90 tons or over per operative brake, or total consist exceeds 7,000 tons.

(C) SPEED RESTRICTIONS—VARIOUS

Location	MPH
*Crossings M.P. 714.0 to 721.6	15
**Crossing M.P. 790.7	30
*Crossings M.P. 881.8 to 882.5	10

*City ordinance.

**Speed restriction over street or highway crossings applies only while head end of train is passing over crossing.

(D) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of all switches, 10 MPH.

2. TRACKS BETWEEN STATIONS

Location	Mile Post Location	Track Capacity In Feet
West Texas Utilities Co.	721.6	200
Trans-South Hydrocarbons	753.7	250
Witco Gasoline	782.8	2450
Texasgulf Sulphur Track	867.7	5424
Sulphur Industrial Spur (7.0 miles)	869.4	9700
(Co-Op Tracks)	5.2	2400

WEST-WARD ↓		ALPINE SUBDIVISION		↑ EAST-WARD	
Station Numbers	Siding Feet	STATIONS			Mile Post
30424		FORT STOCKTON	PTY		881.7
30420	2180	BELDING			892.9
30416	1825	CHANCELLOR		TWC	904.3
30412	2270	HOVEY			917.2
30408		TITLEY			934.4
30406	2576	ALPINE	P		944.3
		ALPINE JCT.	S. C. O.	CTC	945.6
		PAISANO JCT.			956.7
30250	1626	PAISANO		TWC	956.9
30255	1656	TINAJA			969.3
30260	1376	PERDIZ			984.5
30270	1662	PLATA			993.7
30280	1674	CASA-PIEDRA			1002.9
30300		PRESIDIO	BPRTY		1026.7
		International Bridge End Of Track			1029.1
		(147.4)			

TWC IN EFFECT: Between Fort Stockton and Alpine Jct.; Paisano Jct. and Presidio.

RULE 94 IN EFFECT: Between Alpine, M.P. 941.0 and Alpine Jct., M.P. 945.6.

YARD LIMITS—

ALPINE SUBDIVISION

Fort Stockton, M.P. 880.2 to 884.7
Presidio, M.P. 1025.0 to 1029.1

SPECIAL INSTRUCTIONS

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

	MPH
Ft. Stockton to Alpine Jct.	25
Paisano Jct. to Presidio	30
Presidio to End of Track, M.P. 1029.1	10

(C) SPEED RESTRICTIONS—VARIOUS

Location	MPH
*Crossings M.P. 881.8 to 882.6	10
Rock Cuts M.P. 924.5 to 925.0	10
Rock Cuts M.P. 987.4 to 990.1	10
Rock Cuts M.P. 991.8 to 992.1	10
Rock Cuts M.P. 1008.1 to 1010.2	10

*City ordinance, speed restriction applies over street or high-way crossings only while head end of train is passing over crossing.

Note: Trains must approach rock cuts listed above prepared to stop short of dirt or rock slides.

(D) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of all switches, including S.P. Co. turnouts at Alpine Jct. and Paisano Jct., 10 MPH.

**ALL SUBDIVISIONS
Special Instructions**

4. The General Code of Operating Rules, effective October 27, 1985, is supplemented, modified or amended as follows:

Rule 1 supplemented by adding: When electric standard clocks are incorrect, they must be set to correct time. Any variation from correct time, up to nine seconds fast or slow, will be indicated by placard on mercury pendulum standard clocks.

Rule 2 supplemented by adding: While on duty, employees governed by the General Code of Operating Rules, except those employed in an office where a standard clock is located, must have and use a reliable watch capable of indicating time in hours, minutes and seconds.

Rule 3 supplemented by adding: Time may be compared by dialing extension 600, Topeka.

Rule 10 sixth paragraph amended to read: On tracks where there is a current of traffic, when yellow flag is to be placed in advance of a temporary speed restriction or track condition, yellow flag and green flag will be placed only for trains moving with the current of traffic.

Rule 19 sixth paragraph of page 29 to read: The marker must be inspected at the initial terminal and each crew change point to see that it is properly displayed and functioning. Inspection will be made at crew change point, either by observation of marker at rear of train or readout information displayed in the cab of the controlling locomotive indicating that marker light is functioning if rear car equipped with an operative end of train device. If observed from rear of train, condition of marker must be communicated to outbound locomotive engineer.

Rule 26 last paragraph, page 30 to read: Testing does not include visual observations made by an employe positioned inside or alongside a caboose, engine or passenger car; or inspection task to ascertain that a rear end marker is in proper operating condition on a train standing on a main track.

Rule 26 last paragraph, page 32 to read: ON A MAIN TRACK—A blue signal must be displayed at each end of the rolling stock except such is not required for marker inspection task involving repositioning the activation switch or covering the photo electric cell. In lieu of blue signals, the employe performing the marker inspection task may afford protection by personally contacting the employe at the controls of the engine and being advised by that person that the train is and will remain secure against movement until the inspection is completed.

Rule 97(4) amended to read: Verbal authority from the train dispatcher within APB limits; or to run with the current of traffic within TWC limits or where Rule 251 is in effect.

Rule 99 supplemented by adding: When necessary to provide protection against following trains, a crew member must go back at least the distance prescribed below:

Where Maximum Authorized Timetable Speed is	Distance
35 MPH or less	1 mile
36 MPH to 49 MPH	1½ miles
50 MPH or over	2 miles

Rule 102(2) amended to read: The train involved must not proceed until it has been determined that it is safe to do so either by visual inspection of train or knowledge that the train brake pipe pressure has been restored by observing caboose gauge, end of train device (ETD) or by making a brake pipe leakage test. Train must not proceed, nor flagman be recalled, until engineer knows that visual inspection is completed or brake pipe pressure has been restored.

Rule 103(A) supplemented by adding: When movement is made on an auxiliary track included in the circuit of crossing warning devices, the circuit should be fouled and movement delayed, or stopped if "STOP" sign is displayed for train, until warning devices known to have been operating for 20 seconds.

ALL SUBDIVISIONS

Rule 104(M) first paragraph amended to read: Spring switches are identified by letters "S" or "SS", special targets, signs and/or lights. Facing point movements over spring switches will be protected by signals or indicators where required. Spring switch must not be trailed through unless switch is in normal position, or has been lined for the movement.

Rule 153 supplemented by adding: Where two or more main tracks are in service, they will be designated as follows:

1. If two tracks, the track to the right as viewed from a Westward or Southward train is the North track, and the track to the left is the South track.
2. If three tracks, the farthest track to the right as viewed from a Westward or Southward train is the North track, the farthest track to the left is the South track and the track between the North and South tracks is the Middle track.
3. If four or more tracks, the farthest track to the left as viewed from a Westward or Southward train is No. 1 track and the tracks to the right thereof are No. 2, No. 3, No. 4, etc., respectively.

Rules 230 through 242 modified as follows: Aspects and indications as shown will not apply. Aspects and indications as shown in Special Instructions, page No. 31 and No. 32, will apply.

Rule 317(2) does not apply.

Rule 404 first paragraph amended to read: In track warrants and track bulletins, regular trains will be designated by number, as No. 10 adding engine number when necessary; extras by engine number and direction.

Rule 405 supplemented by adding: Track warrants and track bulletins may be transmitted mechanically to any location. Prescribed form for track warrant is shown on page 168 and preprinted pads of this form will be in the format as shown. The form for mechanical transmission is changed, with items 5 and 14 omitted, 16 revised, 18 and 19 added.

Mechanically transmitted track warrants must indicate total number of track bulletins item 16, track condition messages item 18 and items checked item 19. In items 16 and 18, if none show "No". Employees receiving copies must assure that the correct number of track bulletins and track condition messages are received, and that "items marked" correspond with those indicated in item 19.

Rule 450 is supplemented by adding: Forms for track bulletins Forms A and B have been revised. Form C will be used for mechanical transmission only, to permit issuance of additional "other conditions" when space in line 11 of Form A is insufficient.

Mechanically transmitted track bulletins must indicate, in space provided, the total number of lines used. Employees receiving copies must assure that the lines used correspond with number indicated.

Rule 607 supplemented by adding: Any act of hostility, misconduct or willful disregard or negligence affecting the interests of the Company is sufficient cause for dismissal and must be reported.

Indifference to duty, or to the performance of duty, will not be condoned.

Courteous deportment is required of all employees in their dealings with the public, their subordinates and each other.

Boisterous, profane or vulgar language is forbidden.

Rule 623 amended to read: Employees whose duties are in any way affected by them, must have and comply with Air Brake Rules 901 through 926. Engineers, firemen and hostlers must have and comply with Air Brake and Train Handling Rules, Form 2501 Standard.

Rule 907 first paragraph, add as last sentence to read: With an operative End-of-Train Device, except when performing initial terminal air brake inspection and test, brake pipe pressure displayed on control head console of the engine may be used to determine brake pipe pressure at the rear of train.

ALL SUBDIVISIONS

Rule 912 second paragraph, amend to read: (2) Determine that brakes on rear car of train apply and release. As indicated by an operative End-of-Train device, at least a 5 psi reduction in brake pipe pressure when brakes are applied and at least a 5 psi increase in brake pipe pressure when brakes are released may be used in lieu of observing that brakes on rear car of train apply and release.

Rule 914 first paragraph, amend Item 2 to read: (2) It must be determined the brakes on each of the cars added, and on rear car of train, apply and release. An operative End-of-Train Device may be used as prescribed by Rule 912 to determine that brakes on rear car of train apply and release.

Rule 923 third paragraph, amend last sentence to read: RCE may be energized and operating, with feed valve cut out.

Rule 926 add new rule to read: At points where End-of-Train Device is installed, it must be tested as follows:

- (1) Upon installation of End-of-Train Device, the permanent unique identification code of the End-of-Train Device must be entered into the control head console of the engine.
 - (2) After air brake system has been charged as prescribed by Rule 907, a person at rear of train must ascertain the brake pipe pressure displayed on the control head console of the engine and compare with the pressure displayed on End-of-Train Device. The End-of-Train Device must not be used if the difference between the two pressure readings exceed 3 psi.
5. (a) Trains or engines using auxiliary tracks must not exceed turnout speed for that track, unless indicated otherwise in Special Instruction 1(A).
- (b) Where street or highway crossings are shown, speed limit applies only while head end of train is passing.

ALL SUBDIVISIONS

6. MAXIMUM SPEED OF ENGINES.

Engines	Forward or Dead In Train (MPH)	When not Controlled From Leading Unit (MPH)
Amtrak 100-799; 5990-5998 1215-1245#, 1453#, 1460#, Slug Units 120-121	90*	45
All Other Classes	45 70	45 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, maximum authorized speed is 20 MPH.

7. Rule 101(B): 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 ENGINE MAY BE OPERATED AND MAXIMUM SPEEDS IN SUCH OPERATION

	Maximum depth above top of rail (inches)	Maximum speed (MPH)
All Classes, except Amtrak	3	5
Amtrak	2	2

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

Pile Drivers	
AT-199454	
AT-199455	
AT-199457	
AT-199458	
AT-199459	
AT-199460	
AT-199461	
AT-199462	
AT-199463	Locomotive
AT-199464	Cranes
AT-199465	AT-199600
AT-199466	AT-199720
and Jordan	Other
Derricks	Machines
M.P.H.	M.P.H.

Subdivision	Wrecking Derricks M.P.H.	and Jordan Spreaders M.P.H.	Other Machines M.P.H.
First, Second and Sweetwater	40	45	30
Dublin	40	45	20
Other Subdivisions	20	20	20

Locomotive cranes AT-199720 and 199600 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.

9. Rule 109(C) TRACKSIDE WARNING DETECTORS:

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.

(A) HOTBOX AND DRAGGING EQUIPMENT DETECTORS

Abnormal heat from hot wheels (sticking brakes), overheated journals, traction motors or suspension bearings will actuate trackside indicators. Dragging equipment and wide or shifted loads will also actuate trackside indicators at locations so equipped.

ALL SUBDIVISIONS

INSTRUCTIONS APPLICABLE TO ALL TYPES:

(1) To locate defects indicated by a detector, crew must count axles. If defect(s) indicated is for a hotbox or hot wheel, train may be rolled by crew member on ground. If defect(s) is for other than a hotbox or hot wheel, train must stop and crew member walk to location of such equipment.

(2) If an overheated journal is found, the car or unit must be set out. If heat caused by sticking brakes and condition is corrected, train may proceed at prescribed speed. If an overheated condition on indicated journal is not found, make close inspection of 12 journals ahead of and behind the indicated journal. If nothing found wrong (or entire train has been inspected) train may proceed at prescribed speed for the next 30 miles where it must stop for an identical inspection unless train was checked by an intervening detector or is delivered to a terminal where mechanical inspection is made.

Mechanical forces at the terminal, or relieving crew at crew change point where mechanical inspection is not made, must be informed of these conditions.

If abnormal heat is detected on same car by an intervening detector or during a stop for inspection, the car or unit must then be set out. Exception: Train crew must request and be governed by instructions from Chief Dispatcher concerning further handling of ten-pack equipment after second detector stop.

(3) When making inspection for hotbox, give particular attention to heat of journals and hub of wheels; observing for smoke, sluffing or melting of bearing surface, or metallic cuttings in Journal box of friction type bearings.

(4) When inspecting indicated journals, or journals ahead of and behind indicated journals or equipment, if the bare hand cannot be held on a roller bearing housing for a few seconds, the bearing should be considered as overheated. **WARNING: CAUTION AND GOOD JUDGMENT SHOULD BE EXERCISED AS DEFECTIVE COMPONENTS CAN BECOME EXTREMELY HOT AND COULD CAUSE PERSONAL INJURY.**

Use yellow crayon marker to write the date and letter "X" above each journal indicated or found to be overheated, and the date and letter "W" above each wheel indicated, found to be defective, or overheated.

(5) Any detector failure or malfunction observed must be reported to the train dispatcher as promptly as practicable.

Train dispatchers must not instruct trains to disregard detector indications and proceed without stopping for required inspection, unless they have been informed by a signalman that the detector is actually inoperative.

When a train is stopped by a detector, information required by Revised Form 1571 Std. must be transmitted verbally to train dispatcher's office.

(6) Trains must not exceed 30 MPH while moving over hotbox detectors (scanners) when:

(A) It is snowing or sleeting; or,

(B) There is snow on ground which can be agitated by a moving train.

INSTRUCTIONS APPLICABLE TO RADIO READOUT (REPORTER) TYPE:

(1) After train passes the detector:

(A) If no defects were noted, a message stating "NO DEFECTS" will be transmitted via radio and train may proceed at prescribed speed.

(B) If no radio message is transmitted, or if no message or audible tone (see Item 4) is received, train may proceed at prescribed speed and must be observed closely enroute.

ALL SUBDIVISIONS

INSTRUCTIONS APPLICABLE TO RADIO READOUT (REPORTER) TYPE (Continued)

- (2) If rotating white light is illuminated before head-end of train reaches the detector, a message stating "SYSTEM FAILURE" is transmitted via radio, crew must be alert for possible radio transmission of a message or audible tone (see Item 4) should an alarm occur during passage of the train.
- A. If such message or tone is not received, train may proceed at prescribed speed.
- B. If such message or tone is received, train must be governed by Item 4.
- (3) If rotating white light becomes illuminated as train passes the detector but a message or audible tone IS NOT transmitted via radio, entire train must be inspected for defects.
- (4) If defects are noted as train passes the detector, a rotating white light will become illuminated, and:
- A. A message stating "YOU HAVE A DEFECT" will be transmitted via radio; or,
- B. An audible tone will be transmitted via radio. The tone will be (a) a fast beep if on North track, (b) a slow beep if on Middle or South track, or (c) a continuous tone if two trains are passing detector at the same time and defects are noted in each train.
- When these warnings are received, train must immediately reduce to 20 MPH. When rear-end is 300 feet beyond the detector, identification of defects noted, by type and location in train, will be transmitted via radio and proper inspection must be made. The radio transmission will be repeated one time. References to defect locations will be from HEAD-END of train and references to "LEFT" or "RIGHT" side are to the engineer's left or right side in the direction of travel.
- (5) If a train receives 4 defective car* alarms, 3 or more hotbox alarms, 2 or more dragging equipment alarms or 1 wide load alarm—remainder of train must be inspected for additional defects.
- *DEFECTIVE CAR alarm indicates more than three defects on a particular car. Inspection must be made of all journals and wheels on that car, also on 3 cars or units ahead of and behind that car.

10. JOINT TRACK FACILITIES. Rule N.

L&A trains use AT&SF tracks between Farmersville and Dallas governed by AT&SF Northern Division current time table and Special Instructions and Kansas City Southern Co. Operating Rules and General Orders.

AT&SF trains and engines, at Dallas, use M.P. tracks between Tower 19 and Browder Yard (M.P. 216.1) will be governed by AT&SF General Orders and General Code of Operating Rules.

M.P. Ry. trains use AT&SF tracks between Tecfic and Sweetwater.

Southern Pacific trains and engines use AT&SF tracks at Fort Worth between M.P. 344.3 and M.P. 345.7 governed by General Code of Operating Rules and Southern Pacific Special Instructions.

Burlington Northern trains and engines use AT&SF tracks between Birds and Belt Jct. and Santa Fe Jct. and Dallas governed by General Code of Operating Rules and B.N. Special Instructions.

AT&SF trains use B.N. tracks between B.N. North Yard and M.P. Tower 55 at Fort Worth governed by AT&SF General Orders and General Code of Operating Rules.

11. Rule 104(L): All sidings having hand-thrown derails will have derail locked off rail, except when engines or cars are left unattended on siding.

12. Rule 82A: Clearances not required on Northern Division.

13. Rule 405: On Northern Division Track Warrants and Track Bulletins may be transmitted mechanically.

14. Rule 450: Track Bulletins will be used on Northern Division.

ALL SUBDIVISIONS

15. 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 operating units totaling not more than 135,600 pounds tractive effort 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 a list showing the weight, tractive effort and horsepower rating of units by class:

CLASS	MAKE	TYPE	WEIGHT	TRACTIVE EFFORT	HORSE-POWER	DYNAMIC BRAKE***
*200	EMD	F40PH	259,500	38,240	3000	4BF
1310	EMD	GP7	249,000	41,300	1500	No
1460	EMD	SWBLW	262,500	41,300	1500	No
1556	EMD	SD39	389,000	82,284	2500	6EF
2000	EMD	GP7	249,000	41,300	1500	No
2244	EMD	GP9	249,000	45,200	1750	No
2300	EMD	GP38	262,500	55,460	2000	4ET
2370	EMD	GP38-2	260,800	55,400	2000	No
2700	EMD	GP30	262,900	51,400	2500	4BT
2800	EMD	GP35	266,000	51,400	2500	4BT
3000	EMD	GP20	265,000	44,800	2000	4BT
3400	EMD	GP39-2	270,000	55,400	2300	4EF
3600	EMD	GP39-2	264,400	55,400	2300	4EF
3800	EMD	GP40X	264,400	62,685	3500	4EF
3810	EMD	GP50	271,663	64,200	3500	4EF
3840	EMD	GP50	273,120	64,200	3500	4EF
5000	EMD	SD40	391,500	82,100	3000	6ET
5020	EMD	SD40-2	391,500	83,160	3000	6EF
5200	EMD	SD40-2	391,500	90,475	3000	6EF
5250	EMD	SDF40-2	388,000	83,100	3000	6EF
5300	EMD	SD45	391,500	72,286	3600	6ET
5381	EMD	SD45	391,500	72,286	3600	6EF
5426	EMD	SD45	389,500	72,286	3500	6ET
5501	EMD	SD45B	393,920	72,286	3600	6ET
5502	EMD	SD45B	392,860	82,100	3600	6EF
5510	EMD	SD45-2B	395,500	83,100	3600	6EF
5625	EMD	SD45-2	395,500	73,650	3600	6EF
5662	EMD	SD45-2	391,500	73,650	3600	6EF
5800	EMD	SD45-2	395,500	83,100	3600	6EF
5950	EMD	SDF45	395,000	71,290	3600	6ET
5990	EMD	SDFP45	399,000	68,006	3600	6ET
6300	GE	U23B	262,500	60,400	2250	4EF
6350	GE	B23-7	268,000	60,400	2250	4EF
6364	GE	B23-7	265,000	60,400	2250	4EF
6390	GE	B23-7	264,000	61,000	2250	4EF
6405	GE	B23-7	266,000	61,000	2250	4EF
7200	GE	SF30-B	285,150	71,200	3000	4EF
**7400	GE	B39-8	285,940	68,100	3900	4EF
**7484	GE	B36-7	274,500	64,600	3600	4EF
8010	GE	C30-7	398,800	90,600	3000	6EF
8020	GE	C30-7	392,500	90,600	3000	6EF
8099	GE	C30-7	395,000	91,500	3000	6EF
8153	GE	C30-7	392,500	91,500	3000	6EF
8736	GE	U36C	391,500	90,600	3600	6EF
9500	GE	SF30C	391,500	91,500	3000	6EF

* Amtrak passenger units.

** For the purpose of calculating dynamic braking effort, Units 7400-7402 and 7484-7499 must be considered as having six axles.

*** Information relating to dynamic brake is designated as follows:
Number indicates number of axles.
Type is indicated by B-Basic, E-Extended Range.
System is indicated by F-Flat, T-Taper.

ALL SUBDIVISIONS

SPECIAL CAR HANDLING INSTRUCTIONS

16. One or any combination of two of the following codes may be shown in the SCIII (Formerly referred to as PPSI) field of wheel reports to designate special car handling requirements. These same codes may also appear in the Special Instruction Column of switch lists and yard inventories.

CODE	DESCRIPTION
AI	Agricultural Industries
BA	Blasting Agents
BI	Bad Order
BO	Bad Order
BT	Bare Table (No Vans/Containers). Empty TOFC/COFC flatcars
CB	Combustible (Hazardous)
CD	Condemned (See NOTE 1)
CG	Cargill
CL	Chlorine (Hazardous)
CM	Corrosive (Hazardous)
DG	Dangerous
DH	Do Not Hump
DU	Do Not Uncouple
EQ	Union Equity Elevator or Equity Export, Houston
FG	Flammable Gas (Hazardous)
FL	Flammable (Hazardous)
FS	Flammable Solid (Hazardous)
FW	Flammable Solid 'W' (Dangerous When Wet)
HE	Head End Only
HL	High Wide Load
HV	High Value
IP	Interchange Prohibited (See NOTE 1)
IPSW	Intraplant Switch (Respot Car)
MRXX	Mechanical Refrigeration Maintain 'XX' Degrees
MCNR	Mechanical Car or Trailer- No Refrigeration Required
ND	Work Indicated Not Done
NG	Nonflammable Gas (Hazardous)
NIT	Car Not in Train or Not on Track
NP	No Placards Required
OM	Oxidizer (Hazardous)
OP	Organic Peroxide (Hazardous)
OR	Other Regulated Material
OTCC	Car on Track Carriers Convenience
OTNP	Car on Track Not Placed
OX	Oxygen
PA	Poison Gas (Hazardous)
PB	Poison
PE	Houston Public Elevator
PULL	Car Pulled, Time and Date
RE	Rear End Only
REJT	Car Rejected by Shipper
RM	Radio active Material
RSPT	Respot Due to Railroad Error
SPOT	Car Spotted, Time and Date
TURN	Turn car and Respot
WH	Weigh Heavy
WI	Waive Inspection - Set Direct
WL	Weigh Light
XA	Explosive 'A'
XB	Explosive 'B'
XX	Do Not Move This Car
ZZ	Do Not Hump or Cut Off While in Motion

NOTE 1. The 'CD' Condemned and 'IP' Interchange Prohibited codes will be inserted by the computer when the car is so registered in UMLER (Universal Machine Language Register). This does not relieve employees of the responsibility of reporting these codes when appropriate.

NOTE 2. Report numeric MPH speed restriction only, e.g., 25 for a car restricted to 25 MPH. Certain series of cars which have a permanent speed restriction will have the speed restriction code inserted by the computer. This does not relieve employees of the responsibility of reporting the proper code on wheel reports on all cars which for any reason have restricted speeds.

When cars are subject to two special handling instructions, both codes should be reported. If subject to more than two, report the two most restrictive and protect other special handling requirements by an administrative message to those offices and/or individuals to whom the wheel report is addressed.

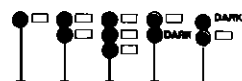
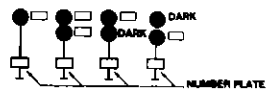
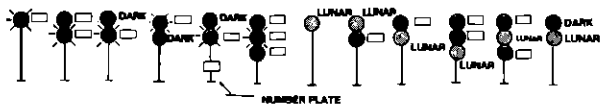
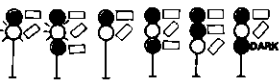
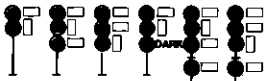
ALL SUBDIVISIONS

SPECIAL CAR HANDLING INSTRUCTIONS (Continued)

MAXIMUM AUTHORIZED SPEED FOR TRAINS HANDLING FOLLOWING CARS:

17. Tank cars	Maximum Speed (MPH)
ACFX 17451 thru 17495 and NATX 10841 thru 10865	45 MPH
18. UTLX tank cars	Maximum Speed (MPH)
UTLX 76517 UTLX 76539 UTLX 76556, 76558 UTLX 76568 UTLX 76595 UTLX 76649 UTLX 76656 UTLX 76696 UTLX 76733 UTLX 76736 thru 76738 UTLX 76742 thru 76751 (except 76746 & 76749) UTLX 78256 thru 78269 UTLX 78272 UTLX 78274 UTLX 78278 UTLX 78281 UTLX 78285 thru 78292 (except 78286) UTLX 78326 thru 78333 (except 78327) UTLX 78336 thru 78344 (except 78341 & 78342) UTLX 78347 thru 78350 (except 78349) UTLX 78353	40 MPH
19. Gondola cars	Maximum Speed (MPH)
PC 598500 thru 598599 CR 598500 thru 598999 SP 34500 thru 345699 KCS 801011 thru 802930	45 MPH
20. EMPTY "Schnabel" type cars	Maximum Speed (MPH)
APWX 1004 BBCX 1000 CAPX 1001 CEBX 100, 101 CPOX 820 CWEX 1016 GEX 40010, 80002, 80003 CPUX 100 HEPX 200 KWUX 10 WECX 101, 102, 300-203, 301	40 MPH
21. ATSF tank and work equipment cars	Maximum Speed (MPH)
ATSF 100301 thru 101099 ATSF 189000 thru 189999 ATSF 192770 thru 192875 ATSF 199880 thru 199899 ATSF 202750 thru 202999 ATSF 209000 thru 209999	45 MPH

**ASPECTS OF
COLOR LIGHT
AND SEMAPHORE SIGNALS**



RULE	NAME	INDICATION
230	CLEAR	Proceed
231	APPROACH LIMITED	Proceed prepared to pass next signal not exceeding 60 MPH and to advance on diverging route.
232	ADVANCE APPROACH	Proceed prepared to pass next signal not exceeding 50 MPH and to advance on diverging route.
233		
234	APPROACH MEDIUM	Proceed; approach next signal not exceeding 40 MPH and be prepared to enter diverging route at prescribed speed.
235	APPROACH RESTRICTING	Proceed prepared to pass next signal at restricted speed.
236	APPROACH	Proceed prepared to stop at next signal, trains exceeding 40 MPH immediately reduce to that speed.
237	DIVERGING CLEAR	Proceed on diverging route not exceeding prescribed speed through turnout.
238	DIVERGING APPROACH	Proceed through diverging route; prescribed speed through turnout; approach next signal preparing to stop, if exceeding 40 MPH immediately reduce to that speed.
239		
240	RESTRICTING	Proceed at restricted speed.
241	STOP AND PROCEED	Stop, then proceed at restricted speed.
242	STOP	Stop

ALL SUBDIVISIONS

HAZARDOUS MATERIAL

IN CASE OF ACCIDENT, your safety is the first consideration. If you suspect hazardous material may be involved in a derailment, do the following IF IT IS SAFE TO DO SO:

- A. DETERMINE STATUS OF ALL CREW MEMBERS.
- B. RESCUE INJURED, remove them to a safe area, and call for assistance.
- C. IF FIRE OR VAPOR CLOUDS are visible, evacuate to 1/2 mile upwind of vapor cloud or fire. Before evacuating take all paperwork such as waybills, consist and emergency response information with you.
- D. NOTIFY the Chief Dispatcher by the quickest means possible. If Railroad communications fail or is not available, call long distance collect — (817) 878-1395. Tell him:
 - (1) Your name and title.
 - (2) Train identification symbol.
 - (3) Specific location of the incident (station, milepost location, nearest street or highway crossing).
 - (4) If you need fire or medical response.
- E. IF NO FIRE OR VAPOR CLOUDS are apparent,
 - (1) EXTINGUISH smoking materials and caboose stove. Do not smoke in the vicinity of a hazardous material incident. Do not ignite fuses.
 - (2) CHECK the train consist and shipping papers to determine what cars and commodities may be involved and where they are located on the train.
 - (3) INSPECT the train to determine the condition of cars involved. Use a buddy system if possible. Tell crew members what products may be involved and what risk they may pose. Approach from upwind (wind at your back) or uphill side. Go no nearer than absolutely necessary to assess the condition of the cars. Use your eyes, ears and nose to detect any fire, vapor or gas clouds, smoke, leak or unusual smells or noises. If you detect these conditions, DO NOT GO NEAR THE CARS, evacuate all crew members to a safe distance.
- F. PROVIDE the Chief Dispatcher with as much of the following information as possible after you have inspected the train.
 - (1) Initial and number of cars involved.
 - (2) Location of hazardous material in derailment.
 - (3) Description of hazardous materials from shipping papers.
 - (4) Condition of each car. Upright or turned over, intact; punctured or leaking; on fire or near fire; producing a vapor or gas cloud; unusual odor or unusual noise.
 - (5) Location of people, property, or public systems (roads, power lines, hospitals, etc.) which could be subject to damage.
 - (6) Location of nearby stream, river, pond, lake or other body of water.
 - (7) Location of access roads.
 - (8) Any other information that will help the dispatcher understand the situation.
- G. WARN people to stay away from the emergency area.
- H. IDENTIFY yourselves to responding police or fire personnel. GIVE them your train consist and hazardous materials emergency response printout. HELP them determine which cars and products are derailed or damaged. The conductor may provide waybill data, but should retain the waybills for delivery to a responding operating officer.
- I. REMAIN at the scene at a safe distance until relieved by a railroad Operating Officer.

Left Blank Intentionally

Position in train of placarded cars containing hazardous materials

NOTE: Cars with same placards may be placed next to each other.

Shippers may use either words or numbers on placards. Numbers shown are samples. Other numbers may appear on placards.

HOW TO USE THIS CHART:

To determine where a placarded car can be placed in a train follow these steps:

- Determine the type of placard applied to the car.
- Determine the type of car.
- Follow vertically down the chart and note which lines apply.
- The symbol X indicates the wording at the side that applies.

See footnotes for explanation.

Loaded cars placarded:



Loaded cars placarded:



Loaded cars placarded:



Loaded tank cars placarded:



Empty tank cars placarded:

RESIDUE*:
Corrosive
Poison
Chlorine
Organic Peroxide
Oxidizer
Oxygen
Flammable
Flammable Solid
Flammable Solid W
Non Flammable Gas
Flammable Gas
Poison Gas

Loaded cars other than tank cars placarded:



Loaded cars placarded:



RESTRICTIONS

Must not be nearer than the sixth car from the engine, occupied caboose or passenger car. If total number of cars in train does not permit, must be placed as near the middle of train as possible but not nearer than the second car from the engine, occupied caboose or passenger car.

MUST NOT BE NEXT TO:

Engine, occupied caboose or passenger car	X
Car occupied by guard or escort	X (1)
Loaded plain flat car	X
Loaded bulkhead flat car	X (2)
Loaded TOFC/COFC flat car	X
Flat Car loaded with vehicles	X
Open top car with shiftable load	X (2)
Car with internal combustion engine in operation. Car with any heating apparatus or any lighted stove, heater or lantern	X
Car placarded EXPLOSIVES A	X
Car placarded POISON GAS	X
Car placarded RADIOACTIVE	X
Any loaded placarded car (other than COMBUSTIBLE or same placard)	X

(1) A placarded rail car 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 is equipped with a lighted heater or stove, it must be the fourth car behind any car placarded EXPLOSIVES A.

(2) Restriction applies only when any of the lading protrudes beyond the car ends or when any of the lading extending above the car ends is liable to shift so as to protrude beyond the car ends.

X		X		
X	X	X	X	
X (1)		X (1)		
X		X		
X (2)		X (2)		
X (3)		X (4)		
X		X (5)		
X (2)		X (2)		
X		X		
	X	X		X
X	X	X		X
X		X		X
X	X			

NO RESTRICTIONS

(3) Cars placarded EXPLOSIVES A may be placed next to each other.

(4) Restriction applies only to loaded flatbed or opentop trucks and trailers and to loaded trucks and trailers without securely closed doors.

(5) Restriction does NOT apply to a car loaded with vehicles secured by a device designed for that purpose and permanently installed on the car and of a type generally accepted for handling in interchange between railroads.

* Examples of Residue Placards are shown on following page.

SWITCHING RESTRICTIONS

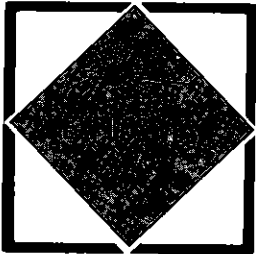
THE FOLLOWING CARS MUST NOT BE:
CUT OFF IN MOTION, NOR BE
IMPACTED BY CARS ROLLING UNDER
THEIR OWN MOMENTUM

ANY CAR PLACARDED

EXPLOSIVES A

OR

POISON GAS



OR

A TOFC OR COFC VEHICLE
DISPLAYING ANY PLACARD

OR

DOT CLASS 113
TANK CAR LOAD OF FLAMMABLE GAS

USE THE NUMBERED
PLACARDS TO DISTINGUISH TANK
CARS PLACARDED FLAMMABLE GAS
FROM FLAMMABLE FROM COMBUSTIBLE



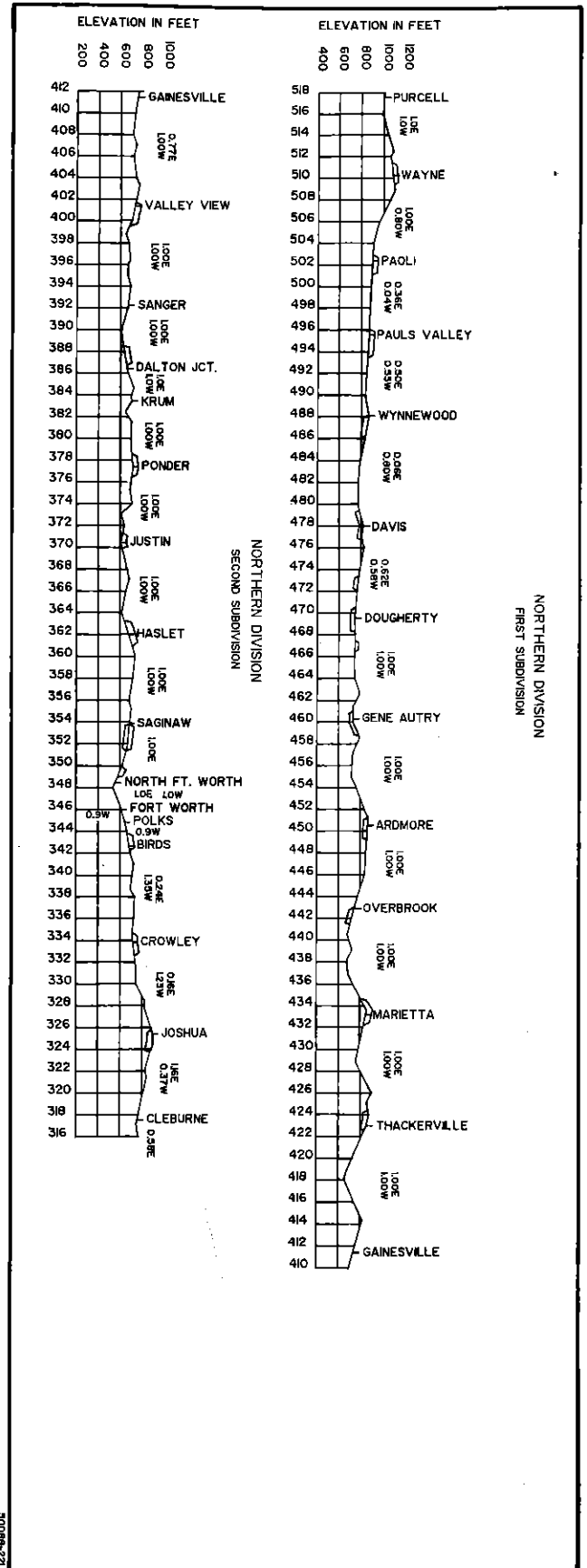
NUMBER 2
FLAMMABLE GAS

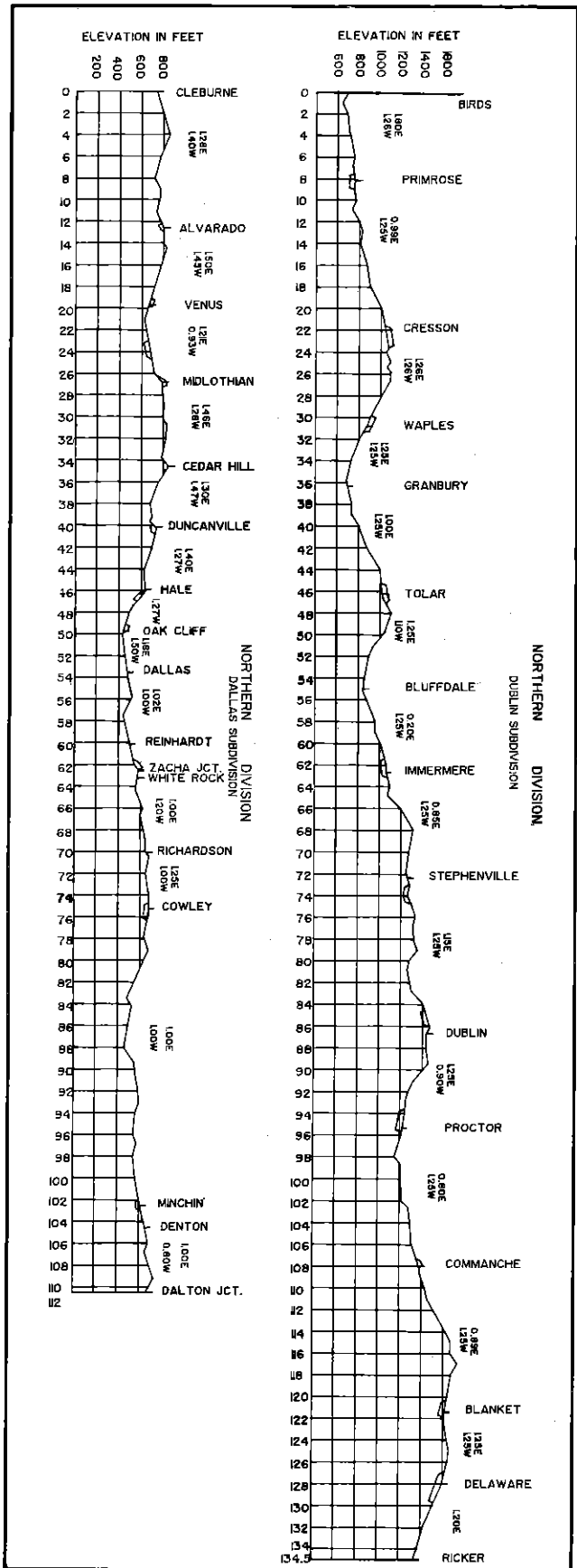
NUMBER 3
FLAMMABLE LIQUID

USE BOTTOM WHITE TRIANGLE
TO IDENTIFY COMBUSTIBLE PLACARDS
NO SWITCHING RESTRICTIONS APPLY

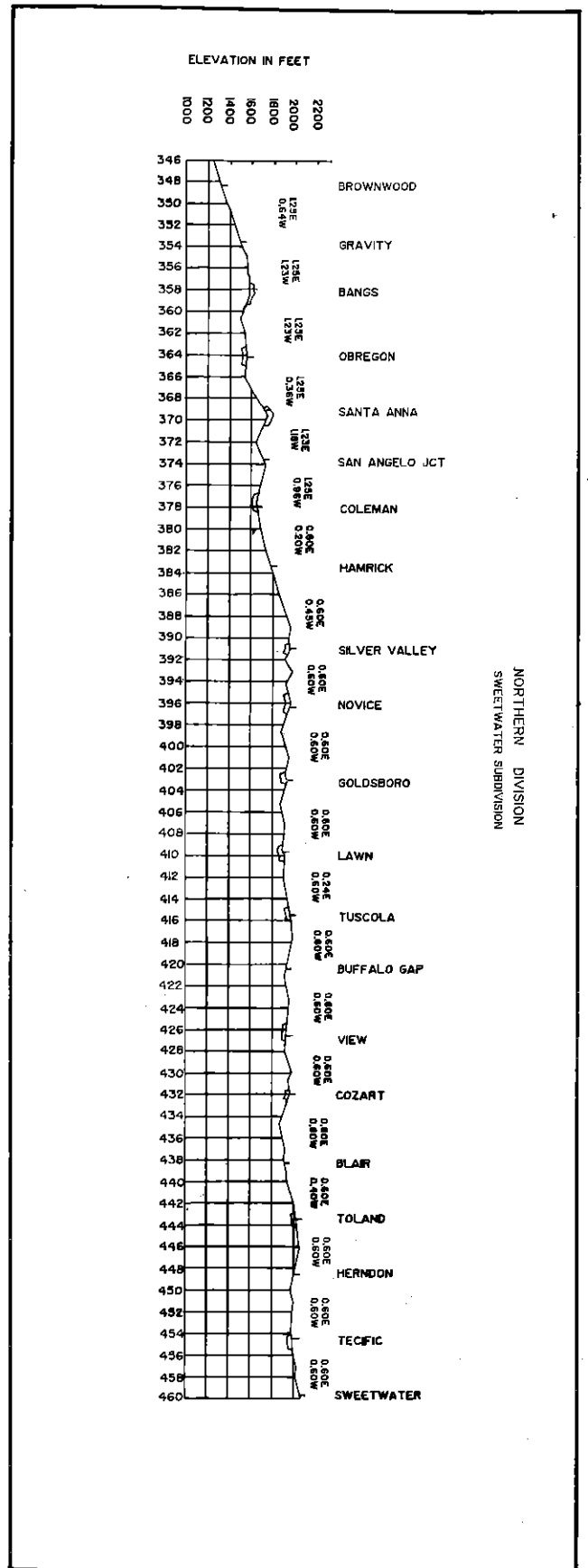


Examples of Residue Placards

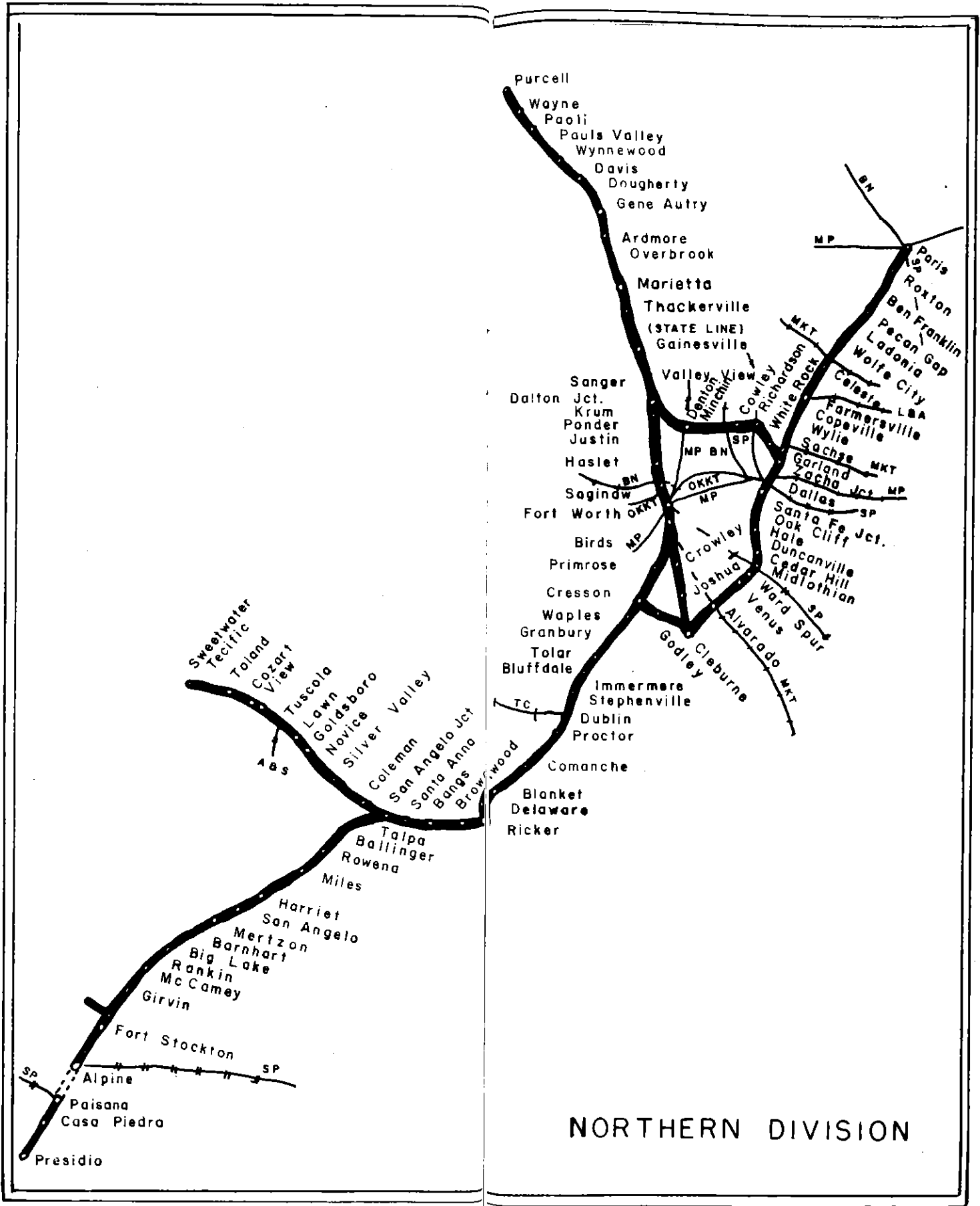




C.E. No. 50088-223



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NORTHERN DIVISION