

SANTA FE AFETY FIRST



Every employe should promptly report any unsafe condition or practice to his foreman or other proper company officer.

(See General Rules E, F, M and N, Rules Operating Department.)

ASSISTANT SUPERINTENDENT

A. N. WADE Houston, Tex.

TRAINMASTERS

J.	Ε.	GILL		 	 	 	 	Temple,	Тех
Μ.	W.	GIBSO	Ν	 	 	 	 ,	Houston,	Tex
C.	HU	DIBUR	RGH .	 	 	 	 	Silsbee.	Tex

ASSISTANT TRAINMASTERS

			 Temple, Tex
J.	\mathbf{F} .	STEPHENS	 Temple, Tex.

ROAD FOREMEN OF ENGINES

R.	B. GAIN	ES	. Temple, Tex
v.	BARBER	, B1	ownwood, Tex
\mathbf{C}	W LEE		Sileboo Tov

CHIEF DISPATCHER

E. A. THOMAS Temple, Tex.

ASSISTANT CHIEF DISPATCHERS

R.	0.	ROWE	Temple, Tex.
C.	$\mathbf{E}.$	FURLOW	Temple, Tex.
L.	E.	MOORE	Temple, Tex.

DISPATCHERS — TEMPLE, TEX.

E. E. WALLACE	G. M. STANDARD
R. E. JOHNSON	J. E. ROSE
J. V. HIGGINBOTHAM	K. W. ANGLIN
R R MARTIN	C T ROSS

J. L. CONNER
C. G. PULLEN
C. J. GAUER
D. W. ROSS
C. C. McFARLAND
J. E. JONES
F. E. SUSICK, JR.

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. Rule 820 (D)

HANDLE FREIGHT CAREFULLY AND KEEP OUR CUSTOMERS.

IT'S EVERYBODY'S JOB ON THE SANTA FE

The Atchison, Topeka and Santa Fe Railway Company

WESTERN LINES

SOUTHERN DIVISION

TIME TABLE No.



IN EFFECT

Monday, July 12, 1971

At 12:01 A. M. Central Standard Time

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

F. N. STUPPI, General Manager, Amarillo, Texas. T. W. GOOLSBY, Asst. General Manager, Amarillo, Texas.

H. L. LEWIS,
Superintendent,
Temple, Texas.

Hall 6 71 7500 4597

2	F!	RST	DIS	TRI	CT
_					

WEST-WARD First Class	Tra Capa 50 f per	city t.	Ruling Grade Ascending		TIME TABLE No. 11 July 12, 1971		Ruling Grade Ascending	Distance Irom Galveston	Communications Turn Tables and Wyes	EAST-WARD First Class
Leave Daily — PM —	Other Tracks	Sidings	Feet Per Mile		STATIONS		Feet Per Mile	Mile Post		Arrive Daily — PM —
2.57	Yard		48.0	ſ	CLEBURNE	YL	53.3	317.5	TY CR	s12.21
3.05		111		$\prod_{i=1}^{n}$	RIO VISTA		66.0	310.3	В	12.12
3.10	29	119	52.8	-	6.8 BLUM		39.6	303.5		12.07 - PM - 11.59
3.19		143	31.7 37.5	[9,1 KOPPERL 6.6		52.8	294.4		11.59
3.25 3.34 3.42 3.52 3.57	18 22 90 69	131 122 133 61 130	66.0 66.0	Automatic Block System	MORGAN 7,4 MERIDIAN -10.3 CLIFTON -11.0 VALLEY MILLS -4.5 MANHATTAN -11.3 St. L. S. W. Crossing McGREGOR		66.0 73.9 66.0 65.4 66.0	287.8 280.7 270.4 259.2 254.7 243.4	CR C B Y CR	11.53 11.46 11.35 11.25 11.20 \$11.07
4.18	47	129	42.2	[[-	9.9 MOODY		66.0	233.5	С	10.59
4.26	17	130	66.0	-	PENDLETON		66.0 66.5	225.4	В	10.52
4.30			66.0 66.0	-	BELCO	ΥL	66.5	221.2		10.48
s 4,35	Yard				TEMPLE	YL		218.2	Y CR	10.45 - AM -
Arrive Daily					(99.1)					Leave Daily
60.7	<u> </u>				Average speed per hour	:				61.9

Trains must get numbered clearance card before leaving Temple and Cleburne.

At Cleburne, between Signal 3172 and Signal 3177, and at Temple, between First Street, M.P. 218.1, Second District, and Adams Avenue Viaduct, M.P. 218.6, First District, there is no superiority of trains. Trains and engines within these limits must proceed at restricted speed; between these points main track may be used not protecting against other trains and engines.

At Temple, M.P. 218.3, automatic interlocking signals govern movements over First District, Lampasas District main tracks, roundhouse leads and the North and South freight main tracks. In the event governing signal fails to indicate proceed, member of crew will go to crossing and if no conflicting movement is evident, foul track circuit beyond signal, but must not foul conflicting routes or tracks. After expiration of three minutes, train or engine may proceed.

3

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

	M	PH
Location	Psgr.	Frt.
First District	79	60*

- *Maximum authorized speed for freight trains 70 MPH provided:
- (1) Maximum authorized speed is 60 MPH for freight trains.
- (2) Train does not exceed 5,000 tons.
- (3) Train does not exceed 90 cars.
- (4) Train does not average more than 70 tons per car.
- (5) Locomotive can control speed to 70 MPH without use of air brakes.

EXCEPTIONS

Maximum authorized speed for freight trains when averaging:

71 to 84 tons per car	MPH
85 to 100 tons per car	
Over 100 tons per car or	
total consist exceeds 7,000 tons 45 I	MPH

(B) SPEED REGULATIONS - CURVES & BRIDGES

	Location	MPH
6 Curves,	M.P. 217.6 to 218.8	20
2 Curves,	M.P. 251.5 to 253.3	65
7 Curves,	M.P. 257.5 to 260.6	60
3 Curves,	M.P. 263.7 to 264.9	65
2 Curves a	nd Bosque River Bridge, M.P. 271.2 to 271.7	45
2 Curves,	M.P. 275.8 to 276.4	65
7 Curves,	M.P. 282.3 to 287.6	65
2 Curves,	M.P. 317.2 to 318.7	50

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

Maximum speed permitted through main track turnouts and crossovers 15 MPH; other than main track turnouts and crossovers 10 MPH; except as listed below:

"I"-Interlocking

"S"-Spring

Station	Туре	Location	МРН
Rio Vista	S	Both ends siding	30
Blum	S	Both ends siding	30
Kopperl	S	Both ends siding	30
Morgan	S	Both ends siding	30

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS—(Cont'd)

Station	Type	Location	MPH
Meridian	S	Both ends siding	30
Clifton	S	Both ends siding	30
Valley Mills	S	Both ends siding	15
Manhattan	S	Both ends siding	30
McGregor	S	Both ends siding	30
Moody	S	Both ends siding	30
Pendleton	S	Both ends siding	30
Belco	I	Switch to freight yard	40
Temple	S	East end freight yard	15

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

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Cleburne	City limits, M.P. 317 to M.P. 319	18
Clifton	Two street crossings	
	east of depot	40
McGregor	City limits, M.P. 242.8	1 40
, [to M.P. 244.	40
Moody	City limits, M.P. 233 to M.P. 233.8	50
Temple	City limits	35

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

		_	MPH	
Station	M.P.	Type	Psgr.	Frt.
McGregor	243.4	Interlocking	79	60

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name
218.1	Viaduct, highway
218.6	Viaduct, highway
2.1	Viaduct, I 35, East end Temple freight yard
236.2	Viaduct, highway
258.8	Viaduct, highway
262.1	Viaduct, highway
290.5	Viaduct, highway
299.7	Viaduct, highway
301.4	Viaduct, highway
302.0	Viaduct, highway

Location	Mile Post	Car Capacity
Crawford	250.1	26
Clifstone Chemical	266.5	36
Brazlime	300.2	31

4 SECOND DISTRICT

SOUTHERN DIVISION

WEST-WARD First Class 15	Track Ci 50 ft, p		Ruling Grade Ascending	TIME TABLE No. 11 July 12, 1971	Ruling Grade Ascending	Distance from Galveston	Communications Turn Tables and Wyes	EAST-WARD First Class 16
Leave Daily — PM —	Other Tracks	Sidings	Feet Per Mile	STATIONS	Feet Per Mile	Mile Post		Arrive Daily
4.45	Yard			TEMPLE YL S	40.7	218.2	$_{\mathrm{CR}}^{\mathrm{Y}}$	a10.40
			.0	0.8 - 0.8 - 0.8 M-K-T Crossing	42.7	217.4		
4.49			.0	12110112	66.0	216.5		10.35
4.53	39	131	28.5	HEIDENHEIMER	66.0 54.4	212.3		10.32
5.00	38	175	54.5 58.6	7,6 ————————————————————————————————————	63.3	204.7		10.26
5.07	37	124	42.2	BUCKHOLTS	59.1	197.3		10.19
5.17	154	141	42.2	CAMERON 6.5	52.8	188.0	C	10.11
5.24		120	42.2	HOYTE 7.0	34.8	181.3		10.05
5.32	132	200		MILANO	52.8	174.4	CR	9.58
5.41		139	39.6	M.P. Crossing 9.6 CHRIESMAN	66.0	164.8		9.49
5.49	102	101	42.2	CALDWELL	66.0	157.8	C	9.42
5.56		126	42.2		65.4	151.3	В	9.36
6.07	Yard	100	42.2	SOMERVILLE YL LANDES	52.8	141.4	CR.	9.26
6.16		164	42.2	LANDES 6.9	66.0	132.9	В	9.18
6.23	220	1	68.6	BRENHAM S.P. Crossing ————————————————————————————————————	64.9	126.0	CR	9.11
6.31		128	67.0	PHILLIPSBURG ————————————————————————————————————	66.0	120.1		9.05
6.40		134	23.3	DANT	66.0	110.3		8.56
s 6.46 PM	Yard			BELLVILLE YL		106.2	T CR	-8.51 -AM
Arrive Daily				(111.7)				Leave Daily
55.4	<u> </u>			Average speed per hour	1-			61.5

TWO TRACKS: Between Knowd and Temple.

RULE 261-TCS IN EFFECT: On main tracks between Knowd and westward controlled signals just east of First Street, Temple.

Trains must get numbered clearance card before leaving Temple and Bellville.

First class trains register by Form 903 at Bellville.

At Temple, between First Street, M.P. 218.1, Second District, and Adams Avenue Viaduct, M.P. 218.6, First Dist., and at Bellville, between M.P. 106 and M.P. 107, there is no

superiority of trains. Trains and engines within these limits must proceed at restricted speed; between these points main track may be used not protecting against other trains and engines.

At Temple, M.P. 218.3, automatic interlocking signals govern movements over First District, Lampasas District main tracks, roundhouse leads and the North and South freight main tracks. In the event governing signal fails to indicate proceed, member of crew will go to crossing and if no conflicting movement is evident, foul track circuit beyond signal, but must not foul conflicting routes or tracks. After expiration of three minutes, train or engine may proceed.

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

	MPH		
Location	Psgr.	Frt.	
Second District	79	60*	

- *Maximum authorized speed for freight trains 70 MPH provided:
- (1) Maximum authorized speed is 60 MPH for freight trains.
- (2) Train does not exceed 5,000 tons.
- (3) Train does not exceed 90 cars.
- (4) Train does not average more than 70 tons per car.
- (5) Locomotive can control speed to 70 MPH without use of air brakes.

EXCEPTIONS

(B) SPEED REGULATIONS - CURVES, TRACK & BRIDGES

_	Location	MPH
Curve,	M.P. 106.5 to 106.8	45
8 Curves,	M.P. 112.0 to 119.0	65
4 Curves,	M.P. 122.5 to 125.1	65
3 Curves,	M.P. 125.5 to 126.6	40
4 Curves,	M.P. 127.5 to 130.6	65
2 Curves,	M.P. 133.5 to 134.4	60
2 Curves,	M.P. 138.2 to 139.8	65
4 Curves,	M.P. 140.8 to 141.7	50
3 Curves,	M.P. 156.5 to 157.6	55
3 Curves,	M.P. 169.1 to 170.8	60
3 Curves,	M.P. 174.1 to 175.7	65
Little Rive	er Bridge, M.P. 185.4 to 185.5	55
2 Curves,	M.P. 187.3 to 188.4	60
Curve,	M.P. 194.8 to 195.3	65
2 Curves,	M.P. 197.3 to 198.5	65
3 Curves,	M.P. 205.9 to 207.7	65
6 Curves,	M.P. 217.6 to 218.8	20

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

Maximum speed permitted through main track turnouts and crossovers 15 MPH; other than main track turnouts and crossovers 10 MPH; except as listed below:

"I"--Interlocking
"S"--Spring

Station	Туре	Location	MPH
Temple	Ĭ	Crossover at main street West end psgr. track No. 3	20 20
Knowd	I_	End of two tracks	40
Heidenheimer	S	Both ends siding	30
Rogers	S	Both ends siding	30
Buckholts	S	Both ends siding	30
Cameron	S	Both ends siding	30
Hoyte	s	Both ends siding	30
Milano	I	Both ends siding	30
Chriesman	S	Both ends siding	30
Caldwell	S	Both ends siding	30
Davidson	S	Both ends siding	30
Somerville	I	East end yard Both ends siding	30 30
Landes	S	Both ends siding	30
Phillipsburg	S	Both ends siding	30
Dant	S	Both ends siding	30
Bellville	S	East end tail track	15

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

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Temple	City limits	35
Cameron	City limits, M.P. 186.8 to M.P. 188.9	30
Brenham	City limits, M.P. 125 to M.P. 127	25

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

	_		M	PH
Station	M.P.	Туре	Psgr.	Frt.
Brenham Milano Temple	126.0 174.4 217.4	Interlocking Interlocking Interlocking TCS	40 65 40	30 65 40

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name
115.8	Viaduct, highway
124.7	Viaduct, highway
127.8	Viaduct, highway
128.6	Viaduct, highway
130.6	Viaduct, highway
174.6	Viaduct, highway
185.4	Bridge, Little River
218.1	Viaduct, highway
218.6	Viaduct, highway
2.1	Viaduct, I 35, East end Temple freight yard

Name	Mile Post	Car Capacity
Sand Spur	160.9	25

6

•	-									7100
WEST- WARD First Class	Tra Capa 50 per	city ft.	Ruling Grade Ascending		TIME TABLE No. 11 July 12, 1971		Ruling Grade Ascending	Distance from Galveston	Communications Turn Tables and Wyes	EAST-WARD First Class 16
Leave Daily — PM —	Other Tracks	Sidings	Feet Per Mile		STATIONS		Feet Per Mile	Mile Post		Arrive Daily — AM —
6.49	Yard			8.8	BELLVILLE	YL		106.2	T CR	s 8.50
6.51			0	A.B.	BALL	YL	29.0	104.6		8.46
			16.3	6	M-K-T Crossing	_	29.0			
7.01	Yard	213		Stop F.C.	SPATH			04.0	Y	0.20
7.08		95	23.7	ri ri	SEALY 7.7		37.4	94.6	<u> </u>	8.39
			34.8	Trai	EL PLEASANT 4.7 S. P. Crossing		27.9	86.9		8.32
7.12	25		12.1	Automatic A.B.S.	WALLIS 6.0		13.2	82.2		8.28
7.17	14	93	8.4	A.B.	ORCHARD		16.3	76.2		8.22
	ļ		"."	Aut	10.0		10.0	_ -		
7.28				U	TOWER 17 S. P. Crossing	YL		66.2	o	8.14
- PM -	Yard	115	.0		O.4	YL	7.3	65.8		– AM – Leave
Daily	23		2.1		RICHMOND		2.1	63.3		Daily
	33	107	29.0		4.7 CRABB		26.9	58.6		
1	37	107	3.2		—— 3.6 ——— ВООТН		9.5	55.0	В.	1
,,,	58	109	7.9		THOMPSONS		33.7	50.4	c	Via
Via S.P.	53		2.6		SUGARLAND JCT.		33.7			H.B.&T. and
and H.B.& T.	- 00	106	18.4		M. P. Crossing		4.7	46.2	B	S.P.
		100	1.0		DUKE		6.3	44.3	В	
	17		2.4		ARCOLA M. P. Crossing		4 17	42.9		
	10	106	7.9		6.9 MANVEL 7.4		4.7	36.0		i i
	Yard		1.6	oi /	ALVIN YL		10.5	28.6	Y CR	
	76		5.2	υ)_ Ε\	4.2 ————————————————————————————————————	Two Tracks	6.3	24.4	Y	
	17	72	.0	-) ۲	3.7	2 °	2. 1	20.7		
	14	112	1.0	ļ	ALTA LOMA		5.2	18.2	<u>-</u>	
	17	108	1.6	yste.	HITCHCOCK		12.1	14.1	-c	
	160	113		к sy. —	TEXAS CITY ICT.		7.9	11.0	YB	
			14.7	Block —	VIRGINIA POINT	YL	8.9	6.3		
			.0		2,1 ISLAND	YL	.0	4.2		
			.0	utomati 	2.0		15.3			
	Yard		. о	A ut	GALVESTON	YL	. 0	2.2	CR	
			. о	[-	S. P. Crossing		.0	1.4		
			. 0	_	Wharves Crossing		О	0.3		
			. о		End of Track	YL		0.0		
61.5					(106.6)					
01.0				^	verage speed per hour	: [66.6

TWO TRACKS: Between Algoa, M.P. 23.9, and Alvin.

RULE 261-TCS IN EFFECT: On main track between Ball and west end siding Sealy, M.P. 92.5; on main tracks between westward home signal at east wye switch Alvin, M.P. 29, and eastward home signal 400 feet west of Algoa, M.P. 24.3.

Trains must get numbered clearance card before leaving Bellville and Galveston.

First Class trains register by Form 903 at Bellville.

At Bellville, between M.P. 106 and M.P. 107 there is no superiority of trains. Trains and engines within these limits must proceed at restricted speed; between these points main track may be used not protecting against other trains and encines

At Sealy, Matagorda District junction switch normally lined for Third District.

At Thompsons, Hall District junction switch normally lined for Third District.

At Algoa and Sealy, trains entering Third District may proceed on proceed signal indication in lieu of numbered clearance card.

RULES 83 AND 83(A): Train register at Bellville will be accepted to indicate that trains shown thereon have arrived and left Sealy. When identification of a superior train cannot be made between Bellville and Sealy, the inferior train must not enter single track, where Rule 261 is not in effect, at Sealy, until it has been ascertained that such superior train has arrived or left.

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

Location	MI	MPH		
Between:	Psgr.	Frt.		
Galveston and Virginia Point	20	20		
Virginia Point and Alvin	79	60*		
Alvin and Tower 17	59	49		
Tower 17 and Ball	90	60 ⁴		
Ball and Bellville	79	60°		

Speed limit on South Track of two tracks between Algoa and Alvin 50 MPH.

- *Maximum authorized speed for freight trains 70 MPH provided:
- (1) Maximum authorized speed is 60 MPH for freight trains.
- (2) Train does not exceed 5,000 tons.
- (3) Train does not exceed 90 cars.
- (4) Train does not average more than 70 tons per car.
- (5) Locomotive can control speed to 70 MPH without use of air brakes.

EXCEPTIONS

Maximum authorized speed for freight trains when averaging:

71 to 84 tons per car	60	MPH
85 to 100 tons per car	55	MPH
Over 100 tons per car or		
total consist exceeds 7,000 tons	45	MPH

(B) SPEED REGULATIONS - CURVES, TRACK & BRIDGES

Location	MPH
East and West legs of wye, Alvin	30
Track and Curves, M.P. 42.0 to 45.3—Eastward	40
Track and Curves, M.P. 43.8 to 47.0Westward	40
Curve, M.P. 50.6 to 51.0	50
3 Curves, M.P. 63.2 to 66.2	30
Curve, M.P. 106.5 to 106.8	45

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

Maximum speed permitted through main track turnouts and crossovers 15 MPH; other than main track turnouts and crossovers 10 MPH; except as listed below:

"I"—Interlocking
"S"—Spring

Station	Туре	Location	MPH
Bellville	S	East end tail track	15
Ball	I	West switch west lead	30
Sealy	I S	East end siding West end siding	15 30
El Pleasant	S	Both ends siding	30
Orchard	S	Both ends siding	30
Rosenberg	I I I	S.P. transfer East end siding Siding to S.P. Ry.	20 30 20
Alvin	I	East end two tracks Turnouts to Houston Dist.	15 30
M.P. 27.1	I	Crossovers between North and South Tracks	30

C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS—(Cont'd)

Station Type		Location	MPH
Algoa I		Crossovers between North	
	_	and South Tracks	30
	I	East connections to M.P.	30
Arcadia	S	Both ends siding	30
Alta Loma	S	Both ends siding	30 ,
Hitchcock	S	Both ends siding	30
Texas City Jct.	S	Both ends siding	30
Virginia Point	I	S.P. and G. H. & H. junctions	30
Island	I	S.P. and G. H. & H. junctions	30
Galveston	S	Crossover, east end west yard	15

Trains or engines using siding must not exceed maximum turnout speed for that siding except speed limit through siding at Sealy 20 M.P.H.

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Sealy	City limits, M.P. 93.4 to M.P. 95.2	50
Rosenberg	City limits, M.P. 63.7 to M.P. 66.8	30
Alvin	M.P. 28.5 to M.P. 29.0	30

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

			M	PH	
Station	M.P.	Type	Psgr.	Frt.	
Galveston	Wharves 0.3	(35th St.) Stop. Rule 98 (A)			
Galveston	R.I. 0.3	Stop. Rule 98 (A)		-	
Galveston	1.4	Stop. Rule 98 (A)			
Arcola	42.9	Interlocking	59	49	
Sugarland Jct.	46.2	Interlocking	59	49	
Tower 17	66.2	Interlocking Eastward Westward	20* 40	20* 30	
Wallis	82.2	Interlocking	75	50	
Sealy	94.6	Interlocking	50	50	

*Speed applies only while head end of train is passing crossing.

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name	
1.5	Viaduct, highway	_
4.7	Bridge, Galveston Bay	
6.7	Viaduct, highway	
11.4	Viaduct, highway	
27.6	Viaduct, highway	
48.5	Bridge, Brazos River	
93.3	Viaduct, highway	
93.7	Viaduct, highway	

Name	Mile Post	Car Capacity
Wickes Spur	34.5	24
Iowa Colony	39.7	10

HOUSTON DISTRICT

SOUTHERN DIVISION

0	•	.00.	3 I O	N DISTRICT				
WEST-WARD First Class 161	Track Capacity 50ft. per car		Ruling Grade Ascending	TIME TABLE No. 11 July 12, 1971	Ruling Grade Ascending	Distance from Alvin	Communications Turn Tables and Wyes	EAST-WARD First Class 150
Leave Daily — AM —	Other Tracks	Sidings	Feet Per Mile	STATIONS	Feet Per Mile	Mile Post		Arrive Daily — PM —
7.20 7.30 7.31 7.33 AM		187 108 256	0.1 10.5 .0	HOUSTON 3.3 Double Track Jct. 0.5 New South Yard 7. & N.O. JCT. S.P. Crossing 5.4 MYKAWA PEARLAND PEARLAND HASTINGS 4.1 ALVIN	.0 2.6 1.5	24.1 20.8 20.3 19.4 14.0 10.0 4.1	CR CR CR	8.45 8.21 8.20 8.18
Arrive Daily				(24.1)				Leave Daily
21.7				Average speed per hour				10.4

RULE 261-TCS IN EFFECT: On main track and sidings between Alvin and home signals west of Southern Pacific crossing at T&NO Jct.

Trains originating Houston and New South Yard must get numbered clearance card before leaving New South Yard.

At Alvin, trains entering Houston District may proceed on proceed signal indication in lieu of numbered clearance card.

Trains originating and terminating at Houston must register by Form 903 at New South Yard,

Location of switches not electrically locked on Houston District (Special Rule 5)—M.P. 9.0., Houdaille-Duval-Wright.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location				
Between Alvin and T&NO Jct.	60			

EXCEPTIONS

Maximum authorized speed for freight trains when	averaging:
85 to 100 tons per car	MPH
Over 100 tons per car or	
total consist exceeds 7,000 tons 48	MPH

(B) SPEED REGULATIONS - CURVES & BRIDGES

Location	МРН
East and west legs of wye, Alvin	30

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

Maximum speed permitted through main track turnouts and crossovers 15 MPH; other than main track turnouts and crossovers 10 MPH; except as listed below:

"I"—Interlocking
"S"—Spring

Station	Type	Location	MPH
Alvin	I	Turnouts to Third Dist. Houston District wye switch	30 30
Hastings	I	Both ends siding	40
Pearland	I	Both ends siding	30
Mykawa	I	Both ends siding	40

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

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Houston	Houston city limits, M.P. 12.3 to Bellfort Rd., M.P. 17.2 Bellfort Rd., M.P. 17.2 to	60
Alvin	T&NO Jct. M.P. 28.5 to M.P. 29.0 (Third District)	45 30

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

Station	M.P.	Туре	мрн
T&NO Jet.	19.4	Interlocking	40

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Nam	<u>е</u>		
19.1	Viaduct, highway		_	

Name	Mile Post	Car Capacity
Stanolind	5.8	21
Houdaille-Duval-Wright	9.0	36
American Rice Drier	11.0	23
Central Industrial Park	15.0	67
Carters Spur	15.8	7
Golf Crest Spur	18.1	10
Industrial tracks	18.9	158

WE	STWA	RD		E	ASTWAR	D
	Ţ		TIME TABLE		1	
Trac Capa 50 l per	city [t.	Ruling Grade Ascending	No. 11 July 12, 1971	Ruling Grade Ascending	Distance from Somerville	Communications Turn Tables and Wyes
Other Tracks	Sidings	Feet Per Mile	STATIONS	Feet Per Mile	Mile Post	
Yard	56	52.8	SOMERVILLE YL 5.4 SCOFIELD	31.7	0.0 5.4	CR Y
30	111	52.8 52.8	ALLENFARM 9.8 NAVASOTA	40.2 42.2	18.3	
Yard	36 93	44.8	S.P. Crossing 	26.4	28.1 33.1	CR_
	51 58	106.1 67.0	YARBORO 11.2 BOBVILLE	68.6 61.7	37.7	
17		.0 82.8	CRIP-FWD Crossing DOBBIN 5.7	53.3 57.0	49.9	В
52	158	73.9 65.4	MONTGOMERY 8.2 HONEA 8.4	60.7 55.9	55.6 63.8	
Yard	107	i	CONROE YL M.P. Crossing		72.2	CR
51 25	51 38	56.4 54.9	BEACH 	60.2 61.2	74.6	
20	180	76.5 52.8	SECURITY4.6 FOSTORIA	63.3 41.1	85.0 89.6	
108	78	60.1 26.4	S.P. Crossing CLEVELAND YL 7.0	57.0 17.4	94.9	CR
	57 38	24.8 19.5	HIGHTOWER 3.6 RAYBURN 5.5	31.7 31.1	101.9	
15	162 30	37.7	ROMAYOR 	10.0 34.8	111.0	CY_
23 17	37 154	31.7 17.4	3.8 VOTAW 	19.3	121.5 128.1	В
	38	15.8 30.6	5.3 LELAVALE 4.9 DIES	23.2 27.9	133.4	
82	111	31.7 31.7	5.0 S.P. Crossing KOUNTZE	31.7	143.8	C
Yard			SILSBEE YL		152.2	TY CR

Trains must get numbered clearance card before leaving Somerville and Silsbee.

At Conroe, trains may register by Form 903 when operator on duty.

Wye at Dolen.

At Silsbee, Silsbee District junction switches normally lined for Conroe and Longview Districts.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location	MPH
Conroe District	49

EXCEPTIONS

(B) SPEED REGULATIONS - CURVES & BRIDGES -

	MPH
4 Curves, M.P. 26.4 to 28.2	30
Curve, M.P. 28.2 to 28.3	20
Curve, M.P. 28.7 to 28.9	40
3 Curves, M.P. 35.3 to 35.9	30
8 Curves, M.P. 36.1 to 38.6	20
3 Curves, M.P. 42.6 to 44.0	40
2 Curves, M.P. 50.3 to 50.9	35
6 Curves, M.P. 52.0 to 55.0	40
4 Curves, M.P. 151.7 to 151.8	10
East and west legs of wye, Silsbee	10

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

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

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Navasota	City limits	25
Conroe	City limits	30

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

Station	M.P.	Type	MPH
Navasota	28.1	Interlocking	30
Dobbin	49.9	Interlocking	49
Conroe	72.2	Interlocking	20
*Cleveland	94.9	Interlocking	20
**Kountze	143.3	Crossing gate	6

*Speed applies only while head end of train is passing

crossing.

**KOUNTZE—Approach Southern Pacific crossing prepared to stop. When gate is set for movement, proceed over crossing, head end of train not exceeding 6 M.P.H. If gate is set against movement, STOP, and if no movements observed approaching on conflicting route, gate may be set for movement over crossing. If gate is inoperative or light not displayed, STOP, and route must be known to be clear before proceeding.

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name
14.6	Bridge, Brazos River
26.3	Bridge, Navasota River
30.4	Viaduct, highway
71.3	Viaduct, highway
88.2	Viaduct, highway
110.4	Bridge, Trinity River
146.2	Bridge, Village Creek

Name	Mile Post	Car Capacity
Clay	11.9	27
Plantersville	43.4	20
Keenan	60.6	7
Youens	76.4	35
Timber	83.1	13
Seaman	98.1	24
Dolen	107.3	31
Milvid	114.0	35
Honey Island	135.5	10

10

WEST-WARD	Tra Capa 50 i per	city t.	Ruling Grade Ascending	TIME TABLE No. 11 July 12, 1971		Ruling Grade Ascending	Distance from Galveston	Communications Turn Tables and Wyes	EAST-WARD
	Other Tracks	Sidings	Feet Per Mile	STATIONS		Feet Per Mile	Mile Post		
	Yard 131 23 51 Yard 16 16 90 Yard 45	110 107 105 101 121 124 97 76 97 108 101 108 96 101	33.8 70.4 37.0 57.0 68.6 70.7 69.6 66.5 69.7 71.2 65.5 66.0 66.0 66.0 66.0 66.0	TEMPLE 1.7 GOBER 6.5 BELTON 9.3 NOLANVILLE 7.8 KILLEEN 2.6 FORT HOOD 8.0 COPPERAS COVE 8.5 KEMPNER 10.6 LAMPASAS 9.9 OGLES 8.1 CASTOR 7.2 GOLDTHWAITE 10.3 MULLEN 6.7 VILLA 5.9 ZEPHYR 8.2 GOLDTHWAITE 10.3 MULLEN 6.7 BROWNWOOD	YL Y	66.0 70.4 72.8 0.0 66.5 68.6 32.7 47.5 68.6 63.4 65.4 66.0 66.0 66.0 66.0	218.2 219.9 226.4 235.7 243.5 246.1 254.1 263.1 273.7 283.6 291.7 300.0 306.1 313.3 323.6 330.8 336.2 344.4	CR CR Y CR Y CR Y CR TY CC B CY TY CR TY CR TY CR TY CR	
	Yard			(130.2)	YL		348.4	CR	

TWO TRACKS: Between Temple and Gober.

RULE 261-TCS IN EFFECT: On main track between westward home signal Ricker, M.P. 343.7, and eastward home signal M.P. 348.2, Brownwood and on siding Ricker.

Trains must get numbered clearance card before leaving Temple and Brownwood.

Lampasas District trains will use Northern Division, Dublin District, tracks between Ricker and Brownwood and may proceed on proceed signal indication in lieu of numbered clearance card.

At Temple, M.P. 218.3, automatic interlocking signals govern movements over First District, Lampasas District main tracks, roundhouse leads, and the North and South freight main tracks. In the event governing signal fails to indicate proceed, member of crew will go to crossing and if no conflicting movement is evident, foul track circuit beyond signal, but must not foul conflicting routes or tracks. After expiration of three minutes, train or engine may proceed.

TRACK SIDE WARNING DEVICES

High water detector located at South Nolan Creek bridge, M.P. 238.0, actuates following signals:

Eastward—Signal 2382 Westward—Signal 2371

When high water detector is actuated the signals indicated above will display their most restrictive indication. When signals are so displayed trains must stop, make thorough inspection to ascertain bridge and track are safe before proceeding. Report must be made to the train dispatcher from the first available point of communication.

Dragging equipment located at Signal 3391, between M.P. 339 and M.P. 340.

Equipment dragging across the detectors will illuminate white rotating lights located at Signal 3391 and Signal 3411. When rotating lights illuminated immediate stop must be made, both sides of train and track inspected, the train dispatcher notified as promptly as practicable and a report made to the Trainmaster from first available point of communication.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location	MPH
Lampasas District	60
EXCEPTIONS	

Maximum authorized speed for freight trains:

- (1) When averaging 85 to 100 tons per car 55 MPH
- (2) Over 100 tons per car or total consist exceeds
- (3) Eastward trains between M.P. 282 and M.P. 272 averaging over 60 tons per car or total
- (4) Westward trains between M.P. 340 and M.P. 344 averaging over 60 tons per car or total

SPEED REGULATIONS - CURVES, TRACK & (B) BRIDGES

Location	MPH
2 Curves, M.P. 218.4 to 219.1	15
Curve, M.P. 219.2 to 219.5	40
2 Curves, M.P. 220.1 to 220.8	55
2 Curves, M.P. 221.8 to 222.3	40
5 Curves, M.P. 223.5 to 227.0	55
2 Curves, M.P. 227.7 to 228.4	50
Curve, M.P. 230.0 to 230.2	55
Curve, M.P. 234.1 to 234.6	55
2 Curves, M.P. 239.5 to 240.1	55
Curve, M.P. 246.3 to 246.5	55
4 Curves, M.P. 248.4 to 249.8	50
Curve, M.P. 250.5 to 250.9	55
3 Curves, M.P. 253.3 to 255.1	55
6 Curves, M.P. 255.7 to 259.1	50
Curve, M.P. 262.5 to 263.1	55
11 Curves, M.P. 266.4 to 274.1	50
2 Curves, M.P. 283.9 to 285.2	55
2 Curves, M.P. 298.6 to 299.9	55
2 Curves, M.P. 302.3 to 303.7	55
Track and curves, M.P. 305.4 to 311.8—Eastward	35
M.P. 305.4 to 310.5—Westward	55
Track and curves, M.P. 317.4 to 321.8—Eastward	35
M.P. 317.4 to 321.8—Westward	55 35
3 Curves, M.P. 327.1 to 329.0—Eastward —Westward	50
4 Curves, M.P. 329.0 to 331.9	50
Curve, M.P. 334.1 to 334.4	55
3 Curves, M.P. 336.8 to 338.7	55
Curve, M.P. 340.6 to 341.2	55
4 Curves and Pecan Bayou Bridge	
M.P. 345.2 to 346.3	25
2 Curves, M.P. 347.7 to 348.2	30

SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

Maximum speed permitted through main track turnouts and crossovers 15 MPH; other than main track turnouts and crossovers 10 MPH; except as listed below:

"I"—Interlocking
"S"—Spring

Station	Туре	Location	MPH
Temple	S	East end passenger yard	30
Gober	I	End of two tracks	40
Belton	S	Both ends siding	30
Nolanville	S	Both ends siding	30
Killeen	S	Both ends siding	30
Copperas Cove	S	Both ends siding	30
Kempner	S	Both ends siding	30
Lampasas	S	Both ends siding	30
Ogles	S	Both ends siding	30
Lometa	S	Both ends siding	30
Antelope Gap	S	Both ends siding	30
Castor	S	Both ends siding	30
Goldthwaite	S	Both ends siding	30
Mullen	S	Both ends siding	30
Villa	S	Both ends siding	30
Zephyr	S	Both ends siding	30
Ricker	I	Both ends siding	30
	I	Both ends pocket track	30
	I	Dublin District connection	40
Brownwood	I	East end tail track new yard	20

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

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station /	Streets	MPH
Temple	City limits	35
Belton	City limits, M.P. 225.3 to M.P. 227.0	20
Killen	All crossings between M.P. 241.5 and M.P. 244.5	40
Lometa	3 Road crossings located between siding switches	50

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name
219.5	Viaduct, highway
225.0	Bridge, Leon River
226.1	Viaduct, highway
264.9	Bridge, Lampasas River
276.9	Viaduct, highway
344.9	Viaduct, highway
345.3	Bridge, Pecan Bayou

Name	Mile Post	Car Capacity
Charter Oak Mayflower Central Forwarding Co.	225.0 236.7 241.4	20 7 9

12 GARWOOD and HALL DISTRICTS

SOUTHERN DIVISION

GARWOOD DISTRICT

WESTWARD		WESTWARD		EA	EASTWARD	
			TIME TABLE			
Track Ca 50 ft. pe		Ruling Grade Ascending	No. 11 July 12, 1971	Ruling Grade Ascending	Distance from Reyner Jct.	Communications Turn Tables and Wyes
Other Tracks	Sidings	Feet Per Mile	STATIONS	Feet Per Mile	Mile Post	
		58.0	RAYNER JCT. YL 6.7 BOEDECKER JCT. YL	58.0	0.0	
		.0	BOEDECKER JCT. YL	8.4	6.7	Y
Yard			GARWOOD YL	J. T	9.6	
			(9.6)		ļ <u>.</u>	

TRAINS AND ENGINES WILL OPERATE PER RULE 93 ON GARWOOD DISTRICT.

No switch lights on Garwood District.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location	MPH
Garwood District	10

3. TRACKS BETWEEN STATIONS

Name	Mile Post	Car Capacity
River Track	1.7	275
Blueroan	5.5	142

HALL DISTRICT

WES	TWAF	₹D		EA	EASTWARD			
	Ţ		TIME TABLE	1				
Track Cap 50 ft. per		Ruling Grade Ascending	No. 11 July 12, 1971	Ruling Grade Ascending	Distance Irom Cane Jct.	Communications Turn Tables and Wyes		
Other Tracks	Sidings	Feet Per Mile	STATIONS	Feet Per Mile	Mile Post			
:		7.9	THOMPSONS YI	5.3	34.0	С		
103	100	5.3	LONG POINT YL	11.6	22.9			
		6.3	GÜY YI	10.6	17.8	Y		
260		4.8	NEWGULF YI S.P. Crossing ————————————————————————————————————	4.2	6.6	С		
		7.0	CANE JCT. YI	4.2	0.0	Y		
			(34.0)					

TRAINS AND ENGINES WILL OPERATE PER RULE 93 ON HALL DISTRICT.

At Thompsons, Hall District junction switch normally lined for Third District.

No switch lights on Hall District.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location	
Between:	MPH
Thompsons and Long Point	25
Long Point and Newgulf	20
Newgulf and Cane Jct.	30

(B) SPEED REGULATIONS - CURVES & BRIDGES

Location				
East leg of wye, Cane Jct.	10			

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

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

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

Station	M.P.	Type	
Newgulf	6.6	Stop. Rule 98 (A)	

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name	
10.3	Bridge, San Bernard River	

Name	Mile Post	Car Capacity
Smithers Lake	31.2	50

	STWA					ASTWA	אט
<u> </u>			TIME TABLE		1		
Track Capacity 50 ft. per car		Ruling Grade Ascending	No. 11 July 12, 1971		Ruling Grade Ascending	Distance from Sealy	Communications Turn Tables and Wyes
Other Tracks	Sidings	Feet Per Mile	STATIONS		Feet Per Mile	Mile Post	
Yard		23.7	SEALY	YL	19.5	0.0	C Y
	71	17.9	BEARD 7.3	_,_,	11.6	10.0	
_	<u>.</u>	.0	S. P. Crossing		17.9	17.3	
		_	S. P. Crossing 		5	17.6	
Yard	65	31.6 15.7	EAGLE LAKE	YL	31.6 26.4	18.5	CY
		9.5	RAYNER JCT.	YL	9.4	19.8	
21	12	34.3	MATTHEWS		13.2	22.7	
	26	21.2	BONUS 		23.7	28.0	
7	31	4.2	EGYPT 4.5		6.3	32.4	
64	67	.0-	GLEN FLORA		19.5	37.0	
		.0 -	S. P. Crossing		22.1	42.8	
105	61	4.2	WHARTON 		8.9	43.1	c
20	30	4.7	LANE CITY		12.6	51.4	
		10.6	CANE JCT.	YL		55.2	Y
	14		RUNNELLS		10.6	60.5	
		7.9	S. P. Crossing		11.6	68.3	
Yard	45	-0.	BAY CITY	YL	3.1	68.6	CR.
-		.0 -	M. P. Crossing		1.5	69.0	
131		11.6	SOUTH BAY CITY	ΥL	23.7	76.3	
	42	15.8	WADSWORTH	YL	12.1	79.6	
Yard		12.1	MATAGORDA	YL	11.0	90.0	B Y
			(90.1)				
			1 1			-	

TRAINS AND ENGINES WILL OPERATE PER RULE 93 BETWEEN BAY CITY AND MATAGORDA.

Trains and engines originating at Sealy, Eagle Lake and Bay City must get numbered clearance card before leaving.

Eagle Lake is a register station for trains and engines originating at Eagle Lake.

At Sealy, Matagorda District junction switch normally lined for Third District.

At Rayner Jct., Garwood District junction switch normally lined for Matagorda District.

At Cane Jct., Hall District junction switch normally lined for Matagorda District.

No switch lights on Matagorda District.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location Between:	MPH
Sealy and Bay City	30
Bay City and Matagorda	20

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

Trains or engines using siding must not exceed maximum turnout speed for that siding, except speed limit through siding Sealy 20 M.P.H.

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

Station	M.P.	Type	мрн
Eagle Lake	17.3	Interlocking	20
Eagle Lake	17.6	Interlocking	20
Wharton	42.8	Interlocking	20
Bay City	68.3	Stop. Rule 98 (A)	
Bay City	69.0	Interlocking	20

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name	
2.6	Viaduct, highway	
41.6	Viaduct, highway	

Name	Mile Post	Car Capacity
Gifford-Hill Spur	24.7	65
American Cyanamid Spur	42.5	8
E. E. Conner Spur	45.2	16

14 LONGVIEW DISTRICT

SOUTHERN DIVISION

WEST-WARD	Tras Capa 50 I Per (city	Ruling Grade Ascending	TIME TABLE No. 11 July 12, 1971		Ruling Grade Ascending	Distance from Beaumont	Communications Turn Tables and Wyes	EAST-WARD
	Other Tracks	Sidings	Feet Per Mile	STATIONS		Feet Per Mile	Mile Post		
	Yard		139.9	LONGVIEW 19,8 TATUM	YL	93.4	207.6	CY CY	
		59	61.7	BECKVILLE		79.2	181.4	-c	
	Yard	74	90.2	9.7 CARTHAGE	YL	73.9	171.7	c	
	70	24	124.6	——————————————————————————————————————		144.1	161.7		
	100		52.8	S.P. Crossing TENAHA	YL	63.3	151.6	c	
	103 202	51 37	32.7		YL	64.9	139.8	CY	
		64	81.8			47.5	127.0	В	
			43.8	SAN AUGUSTINE	YL	48.0	1004	RC :	
	Yard	50	81.8	VENABLE		45.4	$\frac{120.4}{114.9}$	no ;	
	51	37	54.9			48.5	104.7		
	80	30	50.6	PINELAND	YL	52.8	97.5	C	
	34	126	52.8	BROWNDELL		52.8	87.4	C	
		43	76.0 82.7	HORTON 5.5		.0 41.1	84.2	В	
		43	38.0	COLLINS 5.1		42.7	78.7		
	331	81		JASPER	YL		73.6	CY	
		43	39.0	KEITHTON		47.5 52.8	67.1		
	16	34	58.0 41.1 -	ROGANVILLE		48.5	62.4		
	Yard			KIRBYVILLE	YL		52.4	R CY	
	12	57	40.1	4.4 CALL		31.1	48.0		
		63	31.7 - 30.0 -	LE VERTE		42.2 31.7	43.2		
	Yard		26.4	BESSMAY		23.7	38.4		i)
	20		16.8	BUNA 6.0		27.9	36.1		
		63	3.1	QUINN 	YL	12.6	30.1		
	Yard		31.6	EVADALE 7.0	YL	19.0	27.7	B TY	
	Yard			SILSBEE	YL		21.0	ĈŔ	
				(186.7)					

Trains must get numbered clearance card before leaving Silsbee, San Augustine and Longview.

At Silsbee, Silsbee District junction switches normally lined for Longview and Conroe Districts.

At Kirbyville, Oakdale District junction switch normally lined for Longview District.

LONGVIEW DISTRICT

15

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location Between:	мрн
Silsbee and M.P. 96.5	49
M.P. 96.5 and Longview	35

EXCEPTIONS

(B) SPEED REGULATIONS - CURVES & BRIDGES

Location	MPH
Curve and Neches River Bridge,	
M.P. 26.1 to 26.5	25
2 Curves, M.P. 63.3 to 64.5	40
2 Curves, M.P. 72.0 to 73.5	35
16 Curves, M.P. 80.7 to 86.9	30
Curve, M.P. 102.4 to 102.5	20
Curve, M.P. 103.7 to 103.9	30
2 Curves, M.P. 105.0 to 105.6	30
Curve, M.P. 106.6 to 106.7	30
Curve, M.P. 108.3 to 108.5	30
6 Curves, M.P. 115.1 to 117.5	20
6 Curves, M.P. 128.8 to 130.7	20
Curve, M.P. 155.8 to 156.1	30
2 Curves, M.P. 161.4 to 161.7	10
Curve, M.P. 166.1 to 166.2	30
2 Curves, M.P. 167.2 to 167.7	30
Curve, M.P. 171.3 to 171.5	20
2 Curves, M.P. 181.4 to 182.0	30
3 Curves, M.P. 184.2 to 184.7	30
2 Curves and Sabine River Bridge,	
M.P. 196.5 to 197.1	10

(B) SPEED REGULATIONS - CURVES & BRIDGES (Cont'd)

	Location	МРН
Curve,	M.P. 203.1 to 203.3	30
10 Curves,	M.P. 204.4 to 207.4	25
East and w	est legs of wye, Silsbee	10

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

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

(D) SPEED REGULATIONS—STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Tenaha	City limits	35
Jasper	City limits	30

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

Station	M.P.	Type	-	MPH
Tenaha	151.6	Interlocking	-	20

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name
22.6 72.9	Viaduct, highway Viaduct, highway
146.6	Viaduct, highway
180.8	Viaduct, highway
$\begin{array}{c} 196.8 \\ 203.5 \end{array}$	Bridge, Sabine River Viaduct, highway

Name	Mile Post	Car Capacity
Temco	28.4	67
Rebecca	109.6	19
Neuville	131.4	41
Rite-Care	149.9	5

16 OAKDALE DISTRICT

	WE	STWAI	RD.	_	_E	ASTWA	RD
				TIME TABLE		1	
	Tra Capa 50 i Per (city ft.	Ruling Grade Ascending	No. 11 July 12, 1971	Ruling Grade Ascending	Distance from Kirbyville	Communications Turn Tables and Wyes
	Other Tracks	Sidings	Feet Per Mile	STATIONS	Feet Per Mile	Mile	
	Yard			OAKDALE	YL _	80.8	С
	Yard		.0		20.	80.6 80.2 80.0	Y
	216	45	32.2		T 16.	72.0	C
	36	45	34.8	9.7	45.	62.3	
		54	33.2	MARKEE	47.	50.4	_
			36.9	S. P. Crossing	47.	39.1	
	141	37	52.0	DeRIDDER	YL 21.	38.4	CR
		45	25.3		ZL 18.	33.5	
		45	25.3	BOISE SOUTHERN S	L 18	32.5	C
	18	53	15.8	NEALE 5.4	– 32.	27.5	В
	93	47			KT 27.	22.1	
ļ			-	(State Line)]	17.4	
ļ	26	39	28.5	BONWIER 	33.	7 15.7	C
	Yard				/L	0.0	C C
				(8.08)			
						,	
			l l		_	l	<u> </u>

Trains must get numbered clearance card before leaving Oakdale.

No switch lights on Oakdale District.

SOUTHERN DIVISION

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location	МРН
Oakdale District	30
Boise Southern Industrial Spur	20

(B) SPEED REGULATIONS - CURVES & BRIDGES

	Location	MPH
Curve,	M.P. 0.5 to 0.7	10
Curve,	M.P. 79.6 to 79.8	20

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

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

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

Station	M.P.	Туре	MPH
DeRidder DeRidder Oakdale Oakdale	38.4 39.1 80.2 80.6	Stop. Rule 98(A) Stop. Rule 98(A) H.D. & E. Tram * Stop. (Gate electrically locked) Rule 98(A)	·

*Stop not required. Trains and engines proceed over crossing prepared to stop short of train or obstruction.

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name
17.3	Bridge, Sabine River
38.1	Viaduct, highway
40.3	Viaduct, highway

Name	Mile Post	Car Capacity
Bleakwood (Boise Southern Industrial	5.2	12
Spur 4.7 miles)	32.5	
Hite	36.1	34
Ikes	43.5	20
Sugrue Cravens	55.5 56.9	42 25

WE	STWAI	RD		E	ASTWA	RD
Track Capacity 50 ft. Per Car		Time Table No. 11 Strack Capacity 50 ft. Per Car Time Table No. 11 July 12, 1971		Ruing Grade Ascending Distance from Galveston and Beaumont		Communications Turn Tables and Wyes
Other Tracks	Sidings	Feet Per Mile	STATIONS	Feet Per Mile	Mile Post	
Yard				YL	21.0	TY CR
	53	25.3	LUMBERTON	-41.1 -23.2	14.1	
			S.P. Connection	YL	10.3	В
130	38	24.8 23.2		20.1 16.8	8.5	В
Yard		4.7	BEAUMONT	YL 6.3	1.7	Y CR
		4.7	S.P. Crossing O.1 M.P. Crossing S.P. Crossing	6.3	76.4	
	15	1.0	_ 5.5	2.6 YL 15.8	70.9	
	14	5.2	MOREY	1.0	59.4	
114	25	11.0	5.3 WINNIE	YL YL 7.8	57.1 51.8	
	47	4.2	STOWELL 1	6.8 12.6	49.7	
	39	.0	SEA BREEZE 7.8 ————	YL 9.5	44.8	
			END OF TRACK (59.8)		37.0	

TRAINS AND ENGINES WILL OPERATE PER RULE 93 BETWEEN LOEB JCT. AND END OF TRACK, M.P. 37.

Trains must get numbered clearance card before leaving Silsbee and Beaumont.

No switch lights between M.P. 76.4 and M.P. 37.

At Silsbee, Silsbee District junction switches normally lined for Conroe and Longview Districts.

At Loeb Jct., Southern Pacific junction switch normally lined for Silsbee District.

Permission must be secured from the Santa Fe yardmaster at Beaumont for any movement to be made by Southern Pacific trains or engines between Beaumont and Loeb Jct. before entering the Santa Fe main track at Calder Ave., Beaumont, or Loeb Jct. as follows:

- (1) For eastward movements the S.P.-M.P. operator at Tower 74, Beaumont, must contact the Santa Fe yardmaster personally.
- (2) For westward movements a member of the Southern Pacific crew must contact the Santa Fe yardmaster Beaumont personally.

SILSBEE DISTRICT

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

1. SPEED REGULATIONS

Location	
Between:	MPH
Silsbee and Loeb Jct.	49
Loeb Jct. and Whites Ranch, M.P. 41.8	20
Whites Ranch, M.P. 41.8 and M.P. 37.0	10

EXCEPTIONS

(B) SPEED REGULATIONS - CURVES & BRIDGES

Location	MPH
East and west legs of wye, Silsbee	10
2 Curves, M.P. 76.2 to 76.4	10
8 Curves, M.P. 1.1 to 2.3	10
2 Curves, M.P. 15.1 to 16.3	35
Curve, M.P. 18.8 to 19.1	35

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

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

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Beaumont	M.P. 9.1 to M.P. 69.6	20

(E) SPEED REGULATIONS - RAILROAD CROSSINGS AT GRADE

Station	M.P.	Туре	MPH
Beaumont	0.7	Interlocking	10
Beaumont	76.4	Interlocking	10

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name	
1.9	Viaduct, highway	
73.7	Viaduct, highway	
52.2	Viaduct, highway	

Name	Mile Post	Car Capacity
Seth	16.1	11
Whites Ranch	41.8	9
Texas Gas Corporation	55.1	20
Fannett	63.0	19
Galloway	65.9	12
Goodyear Storage	66.8	60
Cheek	68.0	26
Walden	72.7	9

SAN SABA DISTRICT

18

WESTWARD		RD	-		EA	STWAF	RD_
	ack Capacity Assending Grade		TIME TABLE No. 11 July 12, 1971		Ruling Grade Ascending	Distance from Lometa	Communications Turn Tables and Wyes
Other Tracks	Sidings	Feet Per Mile	STATIONS		Feet Per Mile	Mile Post	
Yard		31.7	LOMETA	YL	31.7	0.0	Y CR
102	50		SAN SABA	YL	14.9	24.7	С
	30	51.2	ALGERITA		26.4	32.6	
24	33	47.5	RICHLAND SPRING	 s		39.5	
	13	31.7 39.9			29.0 31.7	49.6	
Yard	43	66.0	BRADY 10.4	YL	52.8	65.9	C Y
36	31	39.6	WHITELAND	Ϋ́L	36.9	76.4	
		39.6	HOMER JCT.	YL	36.9	76.8	
22	33	39.6	MELVIN 15.9	YL	.0	82.0	В
Yard		31.7	EDEN	YL.		97.9	Y C
		-	(97.8)				

TRAINS AND ENGINES WILL OPERATE PER RULE 93 BETWEEN BRADY AND EDEN.

RULE 99(D) IN EFFECT BETWEEN LOMETA AND BRADY.

Trains must get numbered clearance card before leaving Lometa.

Trains or engines originating Eden must get numbered clearance card before leaving.

At Homer Jct., Menard District junction switch normally lined for Menard District.

No switch lights on San Saba District.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location	MPH
San Saba District	20

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

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

(D) SPEED REGULATIONS - STREET CROSSINGS

Restriction applies only while head end of train is passing crossings of cities and towns named below:

Station	Streets	MPH
Brady	North Bridge Street	6

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761),

Mile Post	Name	
2.9	Viaduct, highway	
13.7	Bridge, Colorado River	
29.1	Bridge, San Saba River	

MENARD DISTRICT

WE	STWA	RD		1	EAS	TWARD)
Ţ			TIME TABLE		1		
Track Ca 50 ft. pe		Ruling Grade Ascending	No. 11 July 12, 1971		Ruling Grade Ascending	Distance from Fort Worth	Communications Turn Tables and Wyes
Other Tracks	Sidings	Feet Per Mile	STATIONS		Feet Per Mile	Mile Post	
		39.6	HOMER JCT.	YL	1.5	197.5	
	53	39.6	LIGHTNER	YL	15.8	204.8	
35	50	39.6	CALLAN	YL	39.6	211.7	
Yard		55.6	MENARD	YL	39.6	223.4	Y C
			(25.9)				

TRAINS AND ENGINES WILL OPERATE PER RULE 93 BETWEEN MENARD AND HOMER JCT.

Trains must get numbered clearance card before leaving Menard.

No switch lights on Menard District.

1. SPEED REGULATIONS

Note: Where there is a difference in speed restrictions for trains and engines, the most restrictive speed will govern.

(A) MAXIMUM AUTHORIZED SPEED

Location	MPH
Menard District	20

(C) SPEED REGULATIONS - SIDINGS, SWITCHES, TURNOUTS AND CROSSOVERS

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

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

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 761)

Mile Post	Name
220.6	Viaduct, Cattle Pass

- 4. Except as otherwise provided, Eastward trains are superior to Westward trains of the same class.
- 5. Within Traffic Control System limits, where maximum authorized speed exceeds 20 MPH, a train or engine must not clear the main track through a hand thrown switch not electrically locked for any purpose. Not applicable at siding switches Sealy.

6. MAXIMUM SPEED OF ENGINES

Engines	Forward or Dead In Train MPH	Backing or When not Con- trolled From Lead Unit MPH
300LABC thru		
314LABC, 315AB thru 321AB	90	45
5920-5948	79	45
16C-47A, 200-289,		40
325-344	70	45
2500-2899, 2900-2951, 3100-3174, 3200-3284, 3300-3460, 3500-3560, 4000-4019, 4500-4579, 5000-5019, 5500-5589, 5590-5614, 5615-5624	70	45*
5900-5919	70	45
6300-6348, 6600-6615, 7500-7519, 7900-7909	70	45*
8000-8005	70	45
8500-8524, 9122-9148, 9800-9849	70	45*
500-564, 652-653, 1500-1537, 2258-2298, 2323-2399, 2404-2441, 2450	45	45
2400	40	40

*Forward speed applies when backing handling train controlled from leading unit.

7. MOVEMENTS OVER SUBMERGED TRACK—(Rule 817)

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:

Engines	Maxi- mum Depth Above Top of Rail (Inches)	Maximum Speed In Tow (MPH)	Maximum Speed Under Own Power (MPH)
6300-6348, 6600-6615, 7500-7519, 7900-7909, 8000-8005, 8500-8524, 9122-9148, 9800-9849	3	5	5
652-653	4	5	5
16C-47A, 200-289, 300-321, 325-344, 500-564, 1500-1537, 2258-2298, 2323-2399, 2404-2441, 2450, 2500-2899, 2900-2951, 3100-3174, 3200-3284, 3300-3460, 3500-3560, 4000-4019, 4500-4579, 5000-5019, 5500-5589, 5590-5624, 5900-5939, 5940-5948	5	5	5
Passenger Cars: Roller Bearings	8	5	0
Friction Bearings	12	5	

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

DEIGW.				
DISTRICT	Wreck- ing Derrick MPH	Pile Drivers AT-199454 AT-199455 AT-199457 AT-199458 Derricks AT-199720 and Jordan Spreaders MPH	Other Machines Including Derrick AT-199775 and	Pile Drivers AT-199452 AT-199453 AT-199456 AT-199476 AT-199482
First, Second, Third, Houston, Lampasas	40	45	9	30
CONROE	30	30		
	- 30	<u></u>	<u> </u>	<u> </u>
SILSBEE Between: Silsbee and Loeb Jct, Loeb Jct.	30	30	3	80
and Beaumont Beaumont and	20	20	_	0
M.P. 37.0	10	10	1	.0
LONGVIEW Between: Silsbee and M.P. 96.5 M.P. 96.5 and Longview	30 20	30 20	3	0 0
Oakdale, Matagorda, between Sealy and Bay City, between Bay City	20	20	2	
and Matagorda	10	10		0
Garwood, Hall, Menard, San Saba	10	10 A T 10	10010 10001	-

Trains handling scale test cars AT-199913, 199914 or 199915 must not exceed 50 MPH and such equipment must be handled next ahead of caboose.

Pile drivers and derricks AT-199720 and AT-199775 must be handled in train next to engine.

Maximum authorized speed for trains consisting entirely of bunk, outfit and work equipment cars 40 MPH.

Maximum authorized speed for trains handling outfit cars stenciled "Rear End Movement Only" 40 MPH.

10. YARD LIMITS: Following districts and stations have yard limits (Rule 93).

Alvin (Third District only from westward TCS signal east leg of wye to east yard limit board).

Bellville (extends from yard limit board west of Ball to yard limit board east of Bellville).

Bay City (extends to and includes Matagorda).

Beaumont (Extends from Loeb Jct. to End of Track, M.P. 37.0).

Boise Southern (M.P. 31.5 to M.P. 34.5)

Brady (Extends to and includes Eden).

Brownwood (from end T.C.S.. eastward home signal, M.P. 348.2. Brownwood, Dublin District, to yard limit board west of Brownwood on Sweetwater District).

Carthage Calcasieu Cleburne Cane Jct. Center Cleveland Conroe DeRidder Elizabeth

Evadale (Extends to and includes Quinn).

Eagle Lake (Extends to and includes Rayner Jct).

Galveston (Extends to yard limit board east of Virginia Point).

Jasper Kirbyville

Killeen (Extends to and includes Fort Hood).

Lometa Longview

Menard (Extends to and includes Homer Jct.).

Merryville Oakdale Pineland Quinn

Rayner Jct. (Extends from Garwood to and includes Rayner Jct. on Garwood Dist.).

Rosenberg and Tower 17

San Augustine San Saba

Sealy (on Matagorda District only).

Silsbee Somerville

Temple (End of TCS First St. to and includes Belco and Gober).

Tenaha

Thompsons (Extends from yard limit boards Cane Jct. to yard limit board at Thompsons on Hall Dist.). T. & N. O. Jet.

11. BULLETIN BOOKS ARE LOCATED:

Alvin Eagle Lake Longview Bay City Galveston New South Yard Beaumont Houston (Union Oakdale Bellville Yard Station, Rusk Pearland Brownwood Ave. Yard San Augustine Caldwell (SP) and Settegast Sealy Cleburne Yard) Silsbee Conroe Jasper Somerville DeRidder Lometa Temple Tenaha

12. STANDARD CLOCKS ARE LOCATED:

New South Yard Alvin Eagle Lake **Bay City** Galveston Oakdale Beaumont Houston Union Pearland Bellville Station San Augustine Brownwood Houston (Rusk Ave. Sealy Cleburne Yard) Silsbee Conroe Jasper Somerville Longview Temple

TIME SERVICE

13. SPECIAL RULES GOVERNING MOVEMENTS GALVESTON CAUSEWAY

- A. Between Virginia Point and Island trains will be governed by interlocking signals which supersede superiority of trains within these limits, but do not dispense with the use or observance of other signals whenever and wherever required. All switches, derails and signals are operated by towerman at Lift Bridge. Lift Bridge protected by derails.
- B. Trains or engines approaching Causeway at Virginia Point or Island must sound one long blast of whistle. If clear signal cannot be accepted immediately, member of crew must promptly notify towerman by telephone located at home signals. If train or engine is stopped at Virginia Point or Island, member of crew must immediately communicate with towerman for instructions.
- C. Towerman or signal maintainer in charge, from location on ground, may give hand signals with yellow flag or yellow light, authorizing train to pass signal displaying "stop" indication.

When stopped by home signal, towerman, after definitely determining route to be used is set and clear of opposing trains, may, over telephone, authorize train or engine to proceed with flag ahead to check on conflicting routes, open derails and other obstructions in the block. Trains or engines accepting such authority must not exceed six (6) miles per hour to next signal or end of block.

D. Dual control switches on the Galveston Causeway are equipped with AT&SF, M.P. and S.P. switch locks. When a train is stopped by a "stop" signal, if no conflicting movement is evident, member of crew must immediately communicate with, and be governed by instructions from the towerman at the lift bridge. If authorized to operate dual control switches by hand, be governed by the instructions which are placed in each telephone box on the causeway.

Derails at the lift bridge will be placed in non-derailing position by hand, only when authorized by the towerman at the lift bridge.

E. Speed limits between Virginia Point and Island-20 M.P.H.

WHISTLE	SIGNALS	(Passing	\mathbf{Lift}	Bridge)
			m e	O TO ME-1 ID-

T. & S. F. Main Track S.P. Main Track o G. H. & H. Main Track

14. JOINT TRACK FACILITIES:

Cameron-Caldwell: Southern Pacific trains use AT&SF tracks between Cameron and Caldwell and are governed by AT&SF Time Table and Rules.

Tower 17-T&NO Jct.: AT&SF trains using Southern Pacific tracks between Tower 17 and T&NO Jct. are governed by Southern Pacific R.R. Time Table, Rules and Regulations.

Houston-Galveston: CRI&P trains use AT&SF tracks between T&NO Jct., Houston Dist., and Galveston and are governed by AT&SF Time Table and Rules.

Houston-Algoa: Missouri Pacific trains use AT&SF tracks between T&NO Jct., Houston Dist., and Algoa and are governed by M.P. Time Table and Rules.

Galveston Causeway:—AT&SF, S.P., CRI&P and GH&H trains using joint track between Island, M.P. 4.1, and Virginia Point, M.P. 6.3, are governed by Special Rule No. 13.

T&NO Jct.-Houston: AT&SF trains use HB&T tracks and are governed by HB&T Ry Co. Time Table, Rules and Regulations.

Beaumont-Loeb Jct.: Southern Pacific trains use AT&SF tracks between Beaumont and Loeb Jct. and are governed by AT&SF Time Table and Rules.

Beaumont: AT&SF trains and engines use Southern Pacific track between Calder Ave. and Cedar Street and are governed by bulletin instructions.

Guy-Long Point: Southern Pacific trains use AT&SF tracks between Guy and Long Point and are governed by AT&SF Time Table and Rules.

SPEED TABLE - FOR INFORMATION ONLY

Time Per Mile Min. Sec.	Miles Per Hour	Time Per Mile Min. Sec.	Miles Per Hour	Time Per Mile Min. Sec.	Miles Per Hour
. 36	100	. 58	62.1	1 40	36.0
37	97.3	59	61.0	1 42	35.3
38	94.7	1	60.0	1 44	34.6
39	92.3	1 02	58.0	1 46	34.0
40	90.0	1 04	56.2	1 48	33.3
. 41	87.8	1 06	54.5	1 50	32.7
42	85.7	$\begin{array}{ccc} 1 & 06 \\ 1 & 08 \end{array}$	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	$egin{array}{ccc} 1 & 58 \ 2 & \dots \end{array}$	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	$\begin{array}{ccc} 1 & 24 \\ 1 & 26 \end{array}$	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	2 15 2 30 2 45 3 3 30 4 5	15.0
55	65.5	1 34	38.3		12.0
56	64.2	1 36	37.5	6	10.0
57	63.2	1 38	36.8	12	5.0

SURGEONS OF

THE SANTA FE EMPLOYES' HOSPITAL ASSOCIATION

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DR.	Т.	SPEED. Medical Director	е

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