

Missouri Pacific Lines

The St. Louis, Brownsville & Mexico
Railway Co.

Rio Grande City Railway Co.

San Benito & Rio Grande Valley Railway Co.

San Antonio, Uvalde & Gulf Railroad Co.

Houston & Brazos Valley Railway

KINGSVILLE DIVISION

SPECIAL INSTRUCTIONS No. 7

EFFECTIVE MAY 1, 1950

Superseding Special Instructions No. 6, Effective
August 15, 1948, and all supplements thereto.

SUPPLEMENTARY TO THE UNIFORM CODE OF OPERATING RULES

Dated May 1, 1950

A. F. JUDD
Superintendent

1. SUPERIORITY OF TRAINS:

See Time Table.

2. MAXIMUM SPEED:

See Time Table.

3. SPEED RESTRICTIONS:

See Time Table.

4. STANDARD CLOCKS:

Houston Union Station	Brownsville Yard Office
Houston HB&T Roundhouse	Weslaco
Houston McKinney Ave.	Mission
Yard Office	San Antonio
New South Yard	Telegraph Office
Vanderbilt	North Pleasanton
Bloomington	Corpus Christi
Kingsville	Yard Office
Telegraph Office	Freeport
Harlingen Yard Office	Velasco
San Benito	

5. WATCH INSPECTORS:

Location	Name
Houston.....	Houston Watch Company
Victoria.....	Bill Barnes
Kingsville.....	Meek & Fergeson
Raymondville.....	Brittons Jewelry Co.
Harlingen.....	R. B. Roberts
Brownsville.....	R. L. Lackner
Mercedes.....	J. M. Reynolds
Weslaco.....	Dodds Jewelry
Mission.....	Hatfields Jewelry
San Antonio.....	Chas. Gildemeister
North Pleasanton.....	W. T. Dickens
Mathis.....	W. A. Swope
Corpus Christi.....	G. B. Diamond
Freeport.....	B. E. Watson

6. TRAIN REGISTERS:

First class trains will register at Vanderbilt by register ticket except when necessary to check train register.

Trains 205 and 206 will register by register ticket at Odem except when necessary to check train register.

North Pleasanton is register station for first class trains only.

6. TRAIN REGISTERS:—Continued

All trains must obtain clearance before leaving Angleton on Freeport Subdivision.

Train and Enginemen will register the Corpus Christi Subdivision highest general order number on the Laredo Subdivision train register at San Antonio in addition to the San Antonio Division general order.

Trains 12 and 16 will not require Clearance, Form C, at Brownsville but will secure Clearance, Form C, at Brownsville Yard.

Kingsville Yard on Brownsville and Kingsville subdivision shown as Register Station, trains originating or destined Kingsville Yard use Register located in telegraph office Kingsville. Time arrival Kingsville Yard, signals displayed etc., to be entered on this register.

Trains 206 and 216 will not require Clearance, Form C, at Corpus Christi but will secure Clearance, Form C, at Corpus Christi Yard.

First Class Trains will register by register ticket at Corpus Christi Yard when operator on duty except when necessary to check train register.

At initial stations shown below, when the train order signal indicates "Proceed" and no operator on duty, or where there is no train order signal and no operator on duty, it will not be necessary for a regular train to have a Clearance, Form C, as required by Rule 83-A.

This will also apply to an Extra train holding orders authorizing its movement beyond such initial station.

Victoria	Faysville	Ed Couch
Seadrift	Monte Christo	Place Jet.
Heyser	Santa Monica	Rio Grande City
Austwell	Rio Hondo	Port Isabel
Mission	Hargill	Hoskins
San Juan	S.A.U.&G. Crossover	Hoskins Jet.
Anchor	Freeport	

7. GENERAL ORDER BOOKS:

Houston Union Station	Freeport
Houston HB&T Roundhouse	Velasco
New South Yard	Raymondville
Sweeny	Harlingen Yard
Vanderbilt	Harlingen Roundhouse
Bloomington	San Benito
Kingsville Telegraph Office	Brownsville Yard
Kingsville Yard Office	Brownsville Pass. Station
San Antonio Telegraph Office	Mercedes
North Pleasanton	Weslaco
Mathis	Pharr
Corpus Christi Yard	McAllen
	Mission Pass. Station
	Mission Roundhouse

8. MAIL CRANES BETWEEN STATIONS:

BLANK.

9. MAXIMUM PERMISSIBLE COOPERS CLASSIFICATION OF ENGINES AND WORK EQUIPMENT TO BE OPERATED AND MAXIMUM GROSS WEIGHT OF CAR AND LADING TO BE HANDLED:

Territory	Locomotive and Work Equipment	Gross Weight of Cars and Lading
BETWEEN		
Brownsville and Alcoa.....	E-58	240,000 lbs.
Alcoa and Houston (GC&SF Ry).....	E-65 (See Note 1)	240,000 "
Brownsville and Port of Brownsville.....	E-45	210,000 "
Brownsville and Matamoros.....	E-58	240,000 "
Harlingen and Mission.....	E-58	240,000 "
Mission and Rio Grande City.....	E-62	210,000 "
Raymondville and San Juan.....	E-52 (See Note 2)	210,000 "
Raymondville and Santa Monica.....	E-45	210,000 "
Hargill and Weslaco.....	E-52 (See Note 2)	210,000 "
Faysville and Monte Christo.....	E-45	210,000 "
San Benito and Rio Hondo.....	E-45	210,000 "
San Benito and Monte Christo.....	E-45	210,000 "
Place Junction and Port Isabel.....	E-45	210,000 "
San Antonio and Corpus Christi.....	E-52 (See Note 3)	210,000 "
Bloomington and Victoria.....	E-52 (See Note 4)	210,000 "
Bloomington and Seadrift.....	E-40	180,000 "
Heyser and Austwell.....	E-40	180,000 "
Anchor and Freeport.....	E-45	210,000 "
Hoskins Jet. and Hoskins.....	E-45	210,000 "

9. MAXIMUM PERMISSIBLE COOPERS CLASSIFICATION OF ENGINES AND WORK EQUIPMENT TO BE OPERATED AND MAXIMUM GROSS WEIGHT OF CAR AND LADING TO BE HANDLED
(Continued):

NOTE 1—On territory Alcoa and Houston, the rating of locomotives and cars are governed by the GS&SF Ry.

NOTE 2—On territory Raymondville and San Juan and Hargill and Weslaco, locomotives E-54 permitted in emergency only.

NOTE 3—On territory San Antonio to Corpus Christi locomotives heavier than E-45 not permitted on Fordyce Gravel Track, Hubert.

NOTE 4—On territory Bloomington to Victoria, locomotives E-54 permitted in detour only Bloomington to T&NO Transfer Victoria.

Explanation of Cooper's Classification:

Classification	Engine Numbers	Work Equipment
E-32...	233 D812-815.....	
E-35...	301-05 9588-9591 D9200-9206 D7000-7004.....	Wrecker Derrick X-7501 Locomotive Ditcher X-5105, Magnet Hoist X-5181-2
E-40...	315, 316, 321, 322 330, 338, 342, 343, 345, 346, 348, 350- 353, 355-362, 1011- 1040 D7007-7013 D9150-9169.....	Wrecker Derrick X-5000 Pile Driver X-5062 and X-7515

9. MAXIMUM PERMISSIBLE COOPERS CLASSIFICATION OF ENGINES AND WORK EQUIPMENT TO BE OPERATED AND MAXIMUM GROSS WEIGHT OF CAR AND LADING TO BE HANDLED:
—Concluded.

Explanation of Cooper's Classification:

Classification	Engine Number	Work Equipment
E-45...	320, 333, 339, 372- 389, 943, 945, 1052- 1073, 9307, 9310, 9313, 9314, D529-614 D4112-4115.....	Wrecker Derrick X-5001 X-5002, X-7001, X-7502
E-50...	1101-1110.....	
E-52...	1151-1155, 1201- 1280, 9603, 9605- 9610, 9761, 9762, 9766.....	
E-54...	1156-1161.....	
E-58...	1111-1120 1429-1478.....	

Work equipment and motor cars not listed above, classify E-32 or less.

9-A. Engine Restrictions:

Name of Track or Location	MP	Restrictions
Mission Subdiv.: Mercedes.....	A-14	1200 class engines must not use power house spur.
McAllen.....	A-34	1200 class engines must not use tracks on Carroll College property.

10. RAILROAD CROSSINGS AT GRADE:

Subdivision:	Mile Post	Other Railroad	Senior Line	Type of Protection
Vanderbilt	...320-1	H&BV	H&BV	Controlled Elec. Signals
Vanderbilt	...284-1	GC&SF	GC&SF	Controlled Elec. Signals
Vanderbilt	...264-6	T&NO	T&NO	Controlled Elec. Signals
Kingsville	...224-2	T&NO	T&NO	Cabin
Kingsville	...162	T&NO	T&NO	Interlocking Automatic
Kingsville	...154-5	Corpus Christi Subdiv.	GCL	Electric locked gate
Kingsville	...141-4	Tex Mex	Tex Mex	None
Brownsville	.. 26-8	T&NO	GCL	Manual Interlocking
Brownsville (Belt Line)	1-5	T&NO	GCL	Gate
Mission	.....A-34-5	T&NO	GCL	None
Edinburg	....E-29-5	T&NO	T&NO	Cabin
Edcouch	...EE-11-4	T&NO	T&NO	Interlocking Cabin
Monte Christo	F-1-1	T&NO	T&NO	Interlocking Cabin
Victoria	....R-12-6	T&NO	T&NO	Interlocking Automatic
Rio Hondo	...J- 5-5	T&NO	T&NO	Interlocking Cabin
Port Isabel	JA- 9-5	T&NO	T&NO	Interlocking Cabin
Corpus Christi	.....G-113-0	T&NO	T&NO	Manual Interlocking
Corpus Christi	.....G-132	SAU&G	GCL	Electric locked gate
Corpus Christi	.....G-149-5	T&NO	T&NO	None

When first and inferior class trains simultaneously approach a railroad crossing at grade, trains of the first class shall have precedence. As between trains of the same class, senior line shall have the right to cross first.

INSTRUCTIONS GOVERNING OPERATION OVER CROSSINGS:

10-A. Automatic Interlockings:

Subdivision	Location	MP	Other Railroad
Kingsville	Sinton	162.0	T&NO
Victoria	Victoria	R-12.6	T&NO

10-A. Automatic Interlocking—Cont'd.

Distance of absolute and approach signals from crossing:

	Northward Approach Signal	Northward Absolute Signal	Southward Approach Signal	Southward Absolute Signal
Sinton	5825 Ft.	317 Ft.	6255 Ft.	250 Ft.
Victoria	1750 Ft.	410 Ft.	1742 Ft.	403 Ft.

Rules 281 to 292 inclusive and 325 to 345 inclusive govern.

MOVEMENT OF TRAINS

When approaching train or engine is nearing approach signal and there is no train within the interlocker limits or on approach of conflicting routes, absolute signal will change from "Stop" to "Proceed" and approach signal will change from "Proceed at low speed" to "Proceed" indication.

Movement of Trains When Signals Do Not Clear on Their Approach

At Sinton:

When absolute signal indicates "Stop" as per Rule 292 and no conflicting movement is being made, train or engine will wait at absolute Signal three (3) minutes. If Absolute Signal continues to indicate "Stop", trainmen shall proceed to the crossing and operate push button which is located in iron box near crossing and marked MP. If Absolute Signal continues to indicate "Stop," train should be governed by hand signal given from the railroad crossing by a member of its own crew. Hand signal must not be given for at least three (3) minutes after operation of push button, and trainmen will remain at crossing until front end of his train reaches crossing. Instruction chart is posted inside the iron box containing push button.

If Southward or Northward trains use more than six (6) minutes between approach and absolute signals, Absolute Signal will automatically go to stop indication, and will not show proceed indication again until leading wheels of engine or cars pass train order signal for southward trains and south wye switch for northward trains and only then if there are no trains in the approach or on conflicting routes.

Southward trains, when setting out or picking up, should stop their train north of train order signal.

Northward trains, when setting out or picking up, should stop their trains south of south wye switch.

10-A. AUTOMATIC INTERLOCKING—Concluded

At Victoria:

When Absolute Signal indicates "stop," as per Rule 292, and no conflicting movement is being made, a trainman shall proceed to the crossing and operate hand release marked "Missouri Pacific" which is located in an iron box near the crossing. If, after operating hand release, Absolute Signal continues to indicate "stop" train should be governed by hand signal given from the railroad crossing by a member of its own crew. Hand signals must not be given for at least one minute after release has been run down and trainman will remain at crossing until forward end of his train reaches crossing. Instruction chart is posted inside the iron box containing hand release.

Rules 281 to 292 inclusive, 325 to 345 inclusive, and Special Instructions govern.

10-B. Interlockings with Controlled Electric Signals:

Subdivision	Location	MP	Other Railroad
Vanderbilt	Blessing	264.6	T&NO
	Bay City	284.1	GC&SF
	San Bernard River	305.5	Draw Bridge
	Angleton	320.1	H&BV
Freeport	Angleton	17.1	STLB&M

Controlled by Centralized Traffic Control machine at Angleton.

Freeport Subdivision, Angleton.

Southward absolute signal color light type at MP 17, pole 2.

Northward absolute signal color light type at MP 16, pole 35.

10-C. Standard Manual Interlocking:

Subdivision	Location	MP	Other Railroad
Brownsville	Harlingen	26.8	T&NO
Corpus Christi	Mathis	G-113.0	T&NO

Rules 281 to 292 inclusive, and 325 to 345 inclusive, govern.

10-C. STANDARD MANUAL INTERLOCKING — Concluded.

WHISTLE CODE—HARLINGEN INTERLOCKER.

—	Main track approach.
o o	Main track through Cross-over to lead and reverse.
o —	Main track through Cross-over to Track No. 1 and reverse.
— —	Through Track No. 1—Both Directions.
— o —	From Lead to North end of Track No. 1 and reverse.

Trains cannot enter or leave old yard long lead during time towerman not on duty.

Dwarf Signals governing movement from new yard to long lead and from long lead to new yard will show proceed indication when towerman not on duty.

10-D. Cabin Interlockings:

Subdivision	Location	MP	Other Railroad
Kingsville	Placedo	224.2	T&NO
Edinburg	Edinburg	E-29.4	T&NO
Ed Couch	Ed Couch	EE-11.0	T&NO
Monte Christo	Faysville	F-1.1	T&NO
Rio Hondo	El Rain	J-5.7	T&NO
Port Isabel	Laureles	JA-9.1	T&NO

Cabin type interlockings will be handled by trainmen in accordance with instructions posted inside the cabin.

Rules 281 to 292, and 325 to 345, inclusive, govern.

10-E. Interlocked Gates.

BLANK.

10-F. Standard Gates.

Subdivision	Location	MP	Other Railroad
Brownsville	Belt Line	1.5	T&NO

10-G. Standard Gates With Electric Locking Devices:

Kingsville Subdivision:	MP	Pole
Odem	154	18
Corpus Christi Subdivision	MP	Pole
Odem	132	8

Normal position lined against Corpus Christi Subdivision train operation.

Color light signals in operation at following locations on Kingsville Subdivision:

10-G. Standard Gates with Electric Locking Devices:
—Concluded

Northward approach signal No. 1534—MP 153 pole 13
Northward absolute signal No. 1544—MP 154 pole 16
Southward absolute signal No. 1547—MP 154 pole 21
Southward approach signal No. 1555—MP 155 pole 18

Two fixed stop signs on Corpus Christi Subdivision
located 100 feet each side of crossing.

Gate operating instructions are posted at crossing
inside door of electric lock.

Rules 98, 281 to 292, inclusive, and 325 to 356, in-
clusive, govern, except engines and trains must not
pass fixed stop signs on Corpus Christi Subdivision
until gate lined for movement on Corpus Christi Sub-
division.

10-H. Flagging of Unprotected Railroad Crossings
at Grade in Yard Limits where view is obstructed:

BLANK.

11. INTERLOCKINGS AT JUNCTIONS:

BLANK.

12. YARD LIMITS:

	FROM		TO	
	Mile Post	Pole	Mile Post	Pole
Freeport Subdiv.:				
Anchor.....	22	0	20	14
Angleton.....	15	0	18	4
Hoskins Subdiv.:				
Hoskins Jct.....	0	0	0	34
Freeport.....	6	29	End of Track	
Vanderbilt Subdiv.:				
Vanderbilt.....			241	11
Kingsville Subdiv.:				
Vanderbilt.....	237	18		
Bloomington.....	218	3	221	10
Refugio.....	185	17	188	7
Sinton.....	159	3	163	18
Odern.....	153	23	156	26
Robstown.....	139	25	143	15
Kingsville.....			122	11
Brownsville Subdiv.:				
Kingsville.....	116	22		
Raymondville.....	44	9	48	17
Harlingen.....	23	12	28	8
San Benito.....	17	9	20	29
Brownsville.....	0	0	3	22
Corpus Christi Subdiv.:				
San Antonio.....	G- 2	3	G- 5	5
North Pleasanton.....	G- 81	19	G- 35	5
Three Rivers.....	G- 76	15	G- 78	5
Mathis.....	G-111	27	G-114	19
Odern.....	G-180	0	G-183	20
Corpus Christi.....	G-142	31	End of Track	
Victoria Subdiv.:				
Bloomington.....	R- 1	28	C- 4	0
Dernal.....	R- 3	0	R- 5	1
Victoria.....	R- 10	7	End of Track	
Seadrift.....	C- 19	0	End of Track	
Edinburg Subdiv.:				
Raymondville.....	Raymondville		E- 2	0
Hargill.....	E 13	8	E- 15	5
Fayville.....	E- 21	20	E- 23	7
Edinburg.....	E- 28	21	E- 31	0
San Juan.....	E- 36	21	San Juan	
Mission Subdiv.:				
Harlingen.....	Harlingen Yd		A- 1	7
LaPerla.....	A- 6	25	A- 9	23
Merceda.....	A- 12	26	A- 15	4
Weslaco.....	A- 16	23	A- 19	18
Donna.....	A- 21	26	A- 24	29
Alamo.....	A- 25	18	A- 27	26
San Juan.....	A- 28	9	A- 32	0
McAllen.....	A- 33	23	A- 36	0
Mission.....	A- 38	22	A- 42	5
Sam Fordyce.....	A- 61	0	A- 60	5
Ed Couch Subdiv.:				
Hargill.....	EE- 0		EE- 0	21
Ed Couch.....	EE-10	11	EE-12	1
Weslaco.....	EE-20	9	Weslaco	
River Subdiv.:				
San Benito.....	San Benito		K- 2	5
Hidalgo.....	K- 47	22	K- 48	12
Mission.....	K- 57	2	K- 62	8
Rio Hondo Subdiv.:				
San Benito.....	J- 2	6	San Benito	

13. SWITCHES.

13-A. Spring Switches:

Subdiv.	Type of Switch	Location	MP	Pole	Normal Position
Corpus Christi...	No. 10	North Wye	148	21	Main Track
	No. 10	South Wye	148	30	Main Track
	No. 10	West Wye			S. leg of wye
Brownsville	No. 8	West Wye	0	3	S. leg of wye
	No. 8	South Wye	0	2	E. leg of wye
	No. 10	North Wye	0	12	West Wye
	No. 20	North Lead	28	19	Main Track

See Section 3 of Special Instructions in Time-Table covering Speed Restrictions.

Rules 281 to 292, 104(a) will govern.

13-B. Remotely Controlled Switches:

Location:	At:	Type of Switch:	Operated From:
BM Siding			Alvin
South end siding	MP 341 pole 6	15	
Liverpool			
North end siding	MP 333 pole 22	15	Angleton
South end siding	MP 332 pole 16	15	Angleton
Danbury			
North end siding	MP 327 pole 14	15	Angleton
South end siding	MP 326 pole 07	15	Angleton
Angleton			
North end siding	MP 320 pole 03	15	Angleton
South end siding	MP 318 pole 27	15	Angleton
Edmonds			
North end siding	MP 316 pole 11	15	Angleton
South end siding	MP 315 pole 05	15	Angleton
Brazoria			
North end siding	MP 308 pole 24	15	Angleton
South end siding	MP 307 pole 18	15	Angleton
Sweeny			
North end siding	MP 301 pole 5	15	Angleton
South end siding	MP 299 pole 29	15	Angleton
Allenhurst			
North end siding	MP 292 pole 20	15	Angleton
South end siding	MP 291 pole 13	15	Angleton
SK Siding			
North end siding	MP 283 pole 16	15	Angleton
South end siding	MP 282 pole 9	15	Angleton
Buckeye			
North end siding	MP 275 pole 11	15	Angleton
South end siding	MP 274 pole 5	15	Angleton
Blessing			
North end siding	MP 264 pole 28	15	Angleton
South end siding	MP 263 pole 21	15	Angleton
Francitas			
North end siding	MP 258 pole 3	15	Angleton
South end siding	MP 256 pole 27	15	Angleton
LaWard			
North end siding	MP 249 pole 27	15	Angleton
South end siding	MP 248 pole 21	15	Angleton
Vanderbilt			
North end			
north siding	MP 241 pole 5	15	Angleton
North end			
south siding	MP 240 pole 1	15	Angleton
South end			
north siding	MP 239 pole 30	15	Angleton
South end			
south siding	MP 238 pole 21	15	Angleton

(See Rule 104(b).)

13-C. Normal Position of Switches Other than Spring or Remotely Controlled:

Subdiv.	Location	MP	Pole	Normal Position
Victoria...	Heyser	R-5	0	For Victoria Subdiv.
Mission...	Harlingen	A-O	11	For North Wye.
	S. Wye Switch	A-O	8½	For Lead.
	Freight Lead			
Corpus Christi	Plensanton Jet.	32	24	For Corpus Christi Subdiv. main track
Rio Hondo	Place Jet.	J-2	0	For Port Isabel Subdiv.
Port Isabel	Pt. Isabel North Wye	JA-30	21	For docks
Edinburg..	San Juan	E-38	0	For south wye.

13-D. Interlocked Switches.

Subdiv.	Location	Type of Switch	Where Operated from
Brownsville..	Harlingen Yd.	No. 10	Tower 138

13-E. Handling of Switches by Operators or Switch-tenders:

BLANK.

13-F. Bolt-Locked Switches:

BLANK.

13-G. Electrically Locked Hand Operated Switches with Pipe Connected Derails:

	Location:
Phillips Petroleum spur.....	MP 337 pole 22
Chocolate Bayou spur.....	MP 335 pole 18
Liverpool Rice spur.....	MP 333 pole 14
Danbury	
Team Track	MP 327 pole 19
Team Track	MP 327 pole 03
Angleton	
Old Team Track	MP 321 pole 02
Old Team Track	MP 320 pole 23
North Wye	MP 320 pole 07
South Wye	MP 319 pole 29
Brazoria	
House Track	MP 308 pole 26
House Track	MP 308 pole 19

13-G. Electrically Locked Hand Operated Switches with Pipe Connected Derails.

—Concluded

	Location:
Peerless Carbon Black spur	MP 303 pole 5
Dow Chemical spur.....	MP 302 pole 18
Sweeny	
House Track	MP 301 pole 1
House Track	MP 300 pole 19
Oil Track	MP 300 pole 19
Oil Track	MP 300 pole 8
Abercrombie spur	MP 297 pole 15
Poole Pens spur	MP 289 pole 22
Bay City	
Team Track	MP 284 pole 24
West Wye	MP 283 pole 31
No. 1 Track	MP 283 pole 30
House Track	MP 283 pole 27
No. 1 Track	MP 283 pole 8
Buckeye	
House Track spur	MP 275 pole 2
Elmaton	
Siding	MP 270 pole 2
House Track	MP 269 pole 26
House Track	MP 269 pole 16
Siding	MP 269 pole 9
Blessing	
House Track	MP 264 pole 23
House Track	MP 264 pole 12
Liberty Oil spur	MP 263 pole 7
Francitas	
Stock Track	MP 257 pole 11
Stock Track	MP 257 pole 0
LaWard	
House Track	MP 249 pole 20
House Track	MP 249 pole 12
Lolita	
Siding	MP 245 pole 14
Track No. 1	MP 244 pole 23
Siding	MP 244 pole 15
Track No. 1	MP 244 pole 9
Vanderbilt	
Rip Track	MP 239 pole 18
Engine Track	MP 239 pole 15
Oil spur	MP 239 pole 8

13-H. Electrically Locked Hand Operated Switches:

Brazoria	
Both ends of crossover	MP 308 pole 11
Vanderbilt	
Crossover	MP 240 pole 5
Crossover	MP 239 pole 14

13-H. Electrically Locked Hand Operated Switches —Concluded

To enter side tracks:

The electric lock is automatically released after short approach track circuit on main track has been occupied. Unlock padlock on electric lock box door next to switch stand, open door of box, when indicator shows unlocked, revolve handle as far as it will go. Switch may then be operated in the usual way. Do not close switch when train or engine is between switch and pipe connected derail.

To enter main track:

Call Angleton control operator on telephone and request authority to enter main track. Do not unlock padlock on electric lock door until authority is granted. When authority granted, unlock padlock on electric lock door next to switch stand, open door of box when indicator shows "unlocked" revolve handle as far as it will go. Switch may then be operated in the usual way. When train move has been completed through switch, restore to normal, restore lock handle to original position and lock box. When door of electric lock box is opened, indicator will show "locked" if a train is in approach but is not occupying short release circuit.

Electric switch locks installed on double crossover from BM siding to main track, Algoa. Train using these switch locks must call C.T.C. Operator, Alvin, on telephones opposite crossover switches and secure permission to use switches from siding to main track.

Tools for spiking switches are located in all telephone booths.

See Rule 400.

14. LOCATION OF CROSSOVERS BETWEEN MAIN TRACKS:

BLANK.

15. FLASHING LIGHT TRAIN ORDER SIGNALS:

Train order signals at following locations are equipped with flashing lights to distinguish them from other signals:

Vanderbilt
Sinton.
Odem.
Harlingen Yard.

16. SIDINGS:

16-A. Sidings of Assigned Direction (see second paragraph, Rule 105):

BLANK.

16-B. Designation of Sidings:

Vanderbilt Subdivision:

Vanderbilt No. 1 track, west of main track is designated as siding.

Corpus Christi Subdivision:

Corpus Christi yard, No. 1 track, first track east of main track is designated as siding.

Odem, West Wye is designated as siding for southward trains.

Odem, North Wye is designated as siding for northward trains.

North Pleasanton, No. 1 yard track is designated as siding.

Brownsville Subdiv.

Time for northward trains applies at first Cross-over south of T&NO crossing Harlingen Yard.

16-C. Sidings in Advance of Train Order Signals:

Subdiv.	Station	Switch	Distance and direction from train order signal
Kingsville.....	Vanderbilt...	North..	430 feet south
Kingsville.....	Bloomington..	South..	1000 feet north
Kingsville.....	Placedo.....	South..	283 feet north
Kingsville.....	Woodsboro....	South..	590 feet north
Kingsville.....	Calallen.....	North..	150 feet south
Kingsville.....	Bishop.....	South..	390 feet north
Brownsville....	Lyford.....	South..	212 feet north
Brownsville....	San Benito....	North..	1072 feet south
Mission.....	Weslaco.....	North..	350 feet south
Corpus Christi.	Mathis.....	North..	400 feet south
Corpus Christi.	Campbellton..	North..	50 feet south

16. Sidings—Concluded

16-D. Sidings Permitted to be Used as Team and Storage Tracks, Modifying Rule 105:

Kingsville Subdivision:

Angelita.

Corpus Christi Subdivision:

Edroy	Dinero	Coughran
Hubert	Mikeska	Pleasanton
Dickey	Ike	Leming
Mathis	Suniland	Cassin
Cornelia	Whitsett	San Jose
	McCoy	

Brownsville Subdivision:

Olmito
Russelltown

Mission Subdivision:

Ratcliff

17. BLOCK SIGNALS:

17-A. Automatic Block System:
BLANK.

17-B. Operation by Signal Indication:

Corpus Christi Subdivision Home Signal No. 2622-R located at clearance from I-GN main track just South of SAU&G cross-over. This signal has "S" unit at top of signal. The "S" illuminated authorizes only the opening of the one hand throw junction switch. After switch has been opened movement of train, or engine, will be governed by signal indication.

An "S" unit signal, No. 2621, located on Laredo Subdivision Southward main track just North of SAU&G Cross-over North switch. Train or engine desiring to move from Southward main track Laredo Subdivision is authorized to line this route when "S" is illuminated. Movement then shall be made on signal from trainman who has lined this route.

17-B. Operation by Signal Indication:—Concluded

Opposing and following movements.

Subdivision	Between:	Location of Control Operator
Vanderbilt.....	Algoa and South Switch BM Siding South Switch BM Siding and South Switch No. 1 track Vanderbilt.....	Alvin Angleton

End of block sign located mile post 236 pole 22.
Signal No. 2358 at MP 235 pole 21 for northward trains.

Rules 281 to 292-A, 325 to 356, inclusive, 400 to 406, inclusive, and other rules applicable, govern.

18. SPECIAL INSTRUCTIONS GOVERNING MOVEMENT OF TRAINS AND ENGINES OUTSIDE AUTOMATIC BLOCK SIGNAL TERRITORY:

Corpus Christi Subdivision:

Trains 205, and 215 will head around North Wye Corpus Christi yard and make backward movement to passenger station.

Brownsville Subdivision:

No. 116 will head through north wye Harlingen yard and make backward movement to Harlingen Passenger Station on main track.

Train No. 115 will make backward movement on main track from passenger station Harlingen, to Yard Office head through Cross-over to North Wye.

19. DOUBLE HEADING TRAINS:

BLANK.

20. HELPER AND PUSHER SERVICE:

20-A. Helper Service:

BLANK.

20-B. Pusher Service:

In pushing trains out of yard where pusher engine does not go beyond the main track switch, it will be permissible to do so without coupling air, but if the pusher engine goes out on main track, air must be coupled through the pusher engine in rear, and double heading cock under brake valve on pusher engine in rear closed to avoid overcharging rear end or pumping off brakes when applied by "train-engine."

21. BRIDGES OVER NAVIGABLE STREAMS:

Subdiv.	Name	MP
Vanderbilt.....	San Bernard River Drawbridge.....	305.5
Freeport.....	Brazos River Drawbridge.....	1.18

22. OPERATION OVER FOREIGN LINES:

(a) Use of HB&T Tracks Between Houston and New South Yard:

All trains will be governed by HB&TCo. time table, rules and special instructions.

(b) Use of GC&SF Railway Co. Tracks Between South Yard and Alcoa:

All trains will be governed by GC&SFryCo. time table, rules and special instructions.

22-A. Operation in Terminal on Connecting Divisions. Between SAU&G Crossover and San Antonio:

San Antonio Division time table, rules and special instructions, will govern.

22-B. Operation of Foreign Line Trains Over Missouri Pacific Lines Track:

BLANK.

23. LOCAL FREIGHT CARRYING PASSENGERS:

Will stop the car in which passengers are riding, at station platforms.

24. TRAIN ORDER DELIVERY DEVICES:

Kingsville Subdiv.:	Brownsville Subdiv.:
Placedo	Sarita
Bloomington	Harlingen Yard
McFaddin	Brownsville Yard
Refugio	
Woodsboro	
Calallen	
Driscoll	
Bishop	

Corpus Christi Subdiv.:

Leming

25. MOTOR CARS:

Following instructions will govern movement of motor cars dead in tow:

(a) Motor Cars or Motor Trailer Cars must not be moved or coupled between other cars in train movement or switching.

(b) Remove brake handle from engineer's valve, except on cars having ET Brake Equipment which must have automatic brake valve cut out, "dead man" feature cut out, and "dead engine" feature cut in. Cut out double head cock under automatic brake valve.

(c) Remove controller handle.

(d) In cold weather, put up front radiator shields; drain radiator, engine cylinders and water circulating pump; and drain Arcola car heater and radiating coils or maintain fire in heater, making certain that valves connecting engine cooling system and heating system are closed and not leaking. In freezing weather, the radiator and water cooling systems should be drained.

(e) Open main battery switch.

26. QUALIFICATIONS OF LOCOMOTIVE ENGINEER:

BLANK.

27. MANNER OF PROTECTING OBSTRUCTED TRACK ON LIGHT TRAFFIC SUBDIVISIONS, BY TRAIN ORDER AND SIGNALS PLACED BY MAINTENANCE OF WAY EMPLOYEES:

Rules and regulations for Maintenance of Way and Structures, effective September 1, 1941, includes rule 99 (f), affecting train movement, which is repeated below for information and guidance of employees affected thereby:

"99 (f), Protection by Train Order.—Protection required by Rule 99 (e) may be given by train order on such light traffic subdivisions as may be designated by the Superintendent.

27. CONTINUED:

Request for "X-S" train order protection shall be made by wire to the Train Dispatcher, using symbol "X-S" to identify the message. The request must clearly specify period of time protection required, naming each day; the location, mile post and pole; time limits, and any additional information that may be needed by the Train Dispatcher.

After Train Dispatcher has acknowledged receipt of the symbol "X-S" message and has advised the foreman or man in charge that train order protection has been or will be provided as requested, a red flag must be placed 400 feet in each direction in advance of structure or track being protected. Yellow restricting signals shall be placed 3500 feet in advance of the red flags; and two torpedoes shall be placed on rail 300 feet in advance of the yellow restricting signals as indicated by chart (see diagram below).

Red flags shall be not less than 2 feet by 3 feet in size and supported on two staffs placed astride the rail on engineman's side so they are plainly visible. Yellow restricting signals must be placed not more than 8 feet from rail and torpedoes must be placed on the rail on engineman's side for approaching trains.

Trains will stop before passing the red flag and be governed by verbal instructions from the foreman or man in charge. If work is not completed and track or structure not restored for normal use within time limit specified by the train order, full protection shall be provided as required by Rule 99 (e).

The following form "X-S" train order will be used, copy of which will be furnished to trains in both directions and to foreman or man in charge, when practicable:

"701 AM until 401 PM stop before passing over bridge 54 MP 198 Pole 10 between Holly Grove and Clarendon and do not proceed until verbally authorized by foreman in charge."

"10 01 AM until 4 01 PM stop before passing over track MP 135 to MP 135 Pole 20 between Amity and Glenwood and do not proceed until verbally authorized by foreman in charge."

The maximum length of track that can be protected by form "X-S" train order is one mile.

Only the foreman or man in charge is permitted to place and remove the red flags.

27. CONCLUDED:

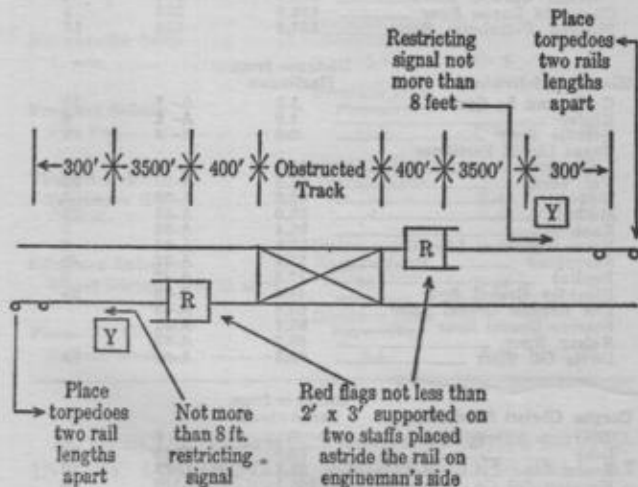
Form "X-S" train orders shall not be used between sunset and sunrise or during stormy and foggy weather, when signals cannot be plainly seen."

The following light traffic subdivisions are designated as territory where the provisions of this rule will apply:

Victoria	River
Edinburg	San Perlita
Ed Couch	Port Isabel
Austwell	Rio Hondo
Monte Christo	

Mission Subdiv. between Mission and Rio Grande City.

Chart for placing stop signals when train order form "X-S" is used for protection light traffic lines:



28. MOVEMENT OF TRAINS THROUGH TUNNELS:

BLANK.

29. BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE:

Name	Distance from Brownsville	Station Numbers	Capacity in Cars
Brownsville Subdivision:			
Mifflin Stock Pen	89.3	89	36
Sarita Stock Pen Spur	96.8	97	16
Kingsville Subdivision:			
Caesar Spur	122.0	122	40
Chemcel	122.8	123	77
Rosewood Refinery Spur.....	126.3	126	8
Gravel Spur	152.26	153	30
Welder Pens	163.0	163	22
Keeran Spur	238.0	234	15

Vanderbilt Subdivision:			
Poole Stock Pens Spur	289.0	289	20
Dow Chemical Co. Spur.....	302.6	302	6
Peerless Carbon Black	303.5	303	6
Chocolate Bayou Spur	335.6	336	5
Phillips Petroleum Spur.....	337.8	338	17

Mission Subdivision:			
	Distance from Harlingen		
C. P. and L. Spur.....	1.3	A-1	20
Kipfer	1.9	A-2	8
Grindle Spur	2.3	A-2	2
Texas Liquid Fertilizer Co. Spur	10.5	A-10	2
Val Verde	24.8	A-25	32
Hauser	32.5	A-32	3
McColl	33.0	A-33	22
Kane	36.4	A-36	3
Pence Thornton Lbr. Co.....	36.9	A-37	2
Sharyland	37.6	A-37	49
Penitas	47.5	A-47	2
Blackley Gravel Spur	49.4	A-49	35
Los Ebanos Gravel Spur.....	55.4	A-55	
Starro Gravel Spur	57.7	A-57	
Kelsay Spur	68.2	A-68	7
Davis Oil Spur	69.3	A-69	13

Corpus Christi Subdivision:			
	Distance from San Antonio		
Thurman Barret Spur	5.32	G-6	13
Lehr	19.8	G-20	30
Espey Sand Pit	23.1	G-23	20
Houston Oil Co. Spur	103.1	G-103	6
Caliche Pit Spur	111.98	G-111	86
Columbian Carbon Black	129.5	G-139	40

Ed Couch Subdivision:			
	Distance from Hargill		
Engelman	8.4	EE-8	15

29. BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE:—Concluded

Name	Distance from	Station Numbers	Capacity in Cars
River Subdivision (SB&RGV):			
	San Benito		
Carricitos.....	9.3	K 9	18
Justman Frankenthal Spur..	26.8	K 27	16
Valley Vitamins.....	47.5	K 47	8
Palmhurst	62.0	K 62	9
Barrett	63.4	K 63	4
Lindsay Garden.....	65	K 65	
San Perlita Subdivision:			
	Distance from Raymondville		
Porfirio	16.29	H-16	7
Rio Hondo Subdivision—SB&RGV:			
	Distance from San Benito		
Fresnal	6.6	J-6	4
Brownsville Belt:			
	Distance from Brownsville		
Acacia	5.0	O-5	6
Freeport Subdiv.			
	Distance from Freeport		
Van Pelt.....	16.0	F-16	10
Victoria Subdiv.			
	Distance from Bloomington		
Tennessee Gas.....	4	R-4	40
Dernal.....	4	R-4	15
Edinburg Subdiv.:			
	Distance from Raymondville		
Water District No. 15 spur..	24	E-24	8
Fayesville Subdiv.			
	Distance from Fayesville		
Caliche track.....	2.5	F-3	48

30. SPECIAL INSTRUCTIONS COVERING SOUNDING OF LOCOMOTIVE WHISTLE AND BELL AT PUBLIC CROSSINGS, ETC., SUPPLEMENTING OR MODIFYING RULES 14-L AND 30.

In back-up movements of passenger trains, the locomotive whistle must be sounded in addition to the air whistle on rear of train.

31. SPECIAL INSTRUCTIONS GOVERNING PROTECTION OF PUBLIC CROSSINGS, SUPPLEMENTING RULE 103:

All trains and engines must stop and send flagman ahead, then proceed only after flagman is protecting crossing at following locations:

Mercedes—Highway Crossing on Power House Spur.
Mission—Lomita-Miller and 10th Street.
Victoria—Bridge Street.
Faysville—Edinburg-Falfurrias Highway Crossing.
Edinburg—Harriman Street.
Brownsville—Jefferson & Palm Blvd.
San Benito—Sam Houston Blvd.
San Benito—Highway 77.

All Subdivisions:

Light engines or engines with cars, when making reverse movement over public crossings, at grade, protected by crossing signals, if, after passing over crossing signal is cut out, before making reverse movement, crossing must be protected by member of crew on the ground on the crossing, and movement over crossing must be made only on his signal.

Freeport Subdiv.:

Velasco—All trains and engines reduce speed to five (5) miles per hour over highway crossing at north end of Velasco Depot unless crossing is protected by flagman and proceed signal is given by that flagman.

32. SPECIAL INSTRUCTIONS RELATING TO OPERATION OF DIESEL ENGINES AND 'EAGLE' TRAINS:

1. Use of Push Button Bell:

Supplementing Rule 14(m): Mail apartment cars of "Eagle" trains are equipped with bells operated by push button from the Diesel Engine. Engineman will sound this bell approaching mail cranes.

2. Instructions Relating to Employees in Cab of Diesel Engines:

On Diesel engines on high-speed streamlined or main line through passenger trains, two men must be in the cab at all times when the train is in motion.

32. SPECIAL INSTRUCTIONS RELATING TO OPERATION OF DIESEL ENGINES AND 'EAGLE' TRAINS:—Continued

Engineers and firemen employed on such Diesel engines must arrange for patrol of the engine room during the time station work is being performed, or when train is stopped a sufficient length of time for any other reason.

During all stops referred to fireman must patrol engine room, check gauges, adjust shutter, give necessary attention to purulator, and make general observation of condition of all equipment.

If the alarm sounds while the train is in motion, stop will be made, cause ascertained, and such corrective measures taken as conditions may require.

3. Operation of Diesel Engines Through Water:

Under absolutely no circumstances should Diesel or gas-electric motor trains and engines pass through water which is deep enough to touch the bottom of the traction motor frames. Water any deeper than three inches above top of rail is likely to cause damage to the traction motors.

When moving through water always move at a very slow speed, not over two miles per hour, to avoid agitating the water so that no water will get inside the traction motors. If there is any question of water entering motors, the covers on motors should be removed and motor examined. If water has entered motor, motor must be cut out.

4. Rerailing Diesel Engines:

In order to avoid damage to traction motors, motor housings and gear cases on Diesel road and switch engines in case of derailment the following instructions will be strictly adhered to in rerailing this type of equipment:

No attempt should be made to rerail either a Diesel switch engine or Diesel road engine using its own power except as provided below. Where engine consists of two units the second unit may be used to pull derailed unit back on track provided second unit is not derailed. Traction motors and connection gears and gear case must be inspected for damage. All must be made safe for operation before locomotive is moved.

32. SPECIAL INSTRUCTIONS RELATING TO OPERATION OF DIESEL ENGINES AND 'EAGLE' TRAINS:—Continued

In the event one pair of wheels of either truck is derailed the locomotive can be rerailed by its own power, bearing in mind that it is necessary to use blocking to keep the motors clear of the rails. Should all wheels of one truck derail another locomotive can be utilized in rerailing. If another locomotive is not available the service of an electrician will be required to isolate the derailed trucks which entails disconnecting certain wires at the reverser. Great care should be exercised to avoid overheating the traction motors and under no circumstances should any switching be done while one truck is isolated or disconnected.

The method used to rerail the diesel engine should be carefully considered, especially in regard to damage to traction motor or traction motor electrical connectors and leads. If necessary these leads should be disconnected at the frame of the engine.

After diesel has been rerailed a close inspection should be made of the trucks, wheels, journal boxes, brake rigging, center castings, traction motors, traction motor gears, gear cases, traction motor bearings, traction motor cables and pay particular attention to cable connectors mounted on engine frame and all parts that might have been subject to damage by derailment. This inspection shall be handled by the Master Mechanic or his representative.

5 Miscellaneous Instructions:

When draw bar on Diesel Locomotives 7004 to 7017 inclusive are extended for use at any point engineers or hostler in charge must look in the nose of the diesel and know that the side locks are in locked position before the draw bar is used.

Metal flashlights should not be used in engine rooms of diesel locomotives.

Running switches must not be attempted with road freight diesels. It is hazardous to attempt to make drops with road freight diesels because in throttling it has to be done progressively and the diesel cannot get away from cars in short space of time permitted. Consequently such moves would be in violation of paragraph (5), rule 103(a). This does not apply to diesel switch engines or road switchers.

32. SPECIAL INSTRUCTIONS RELATING TO OPERATION OF DIESEL ENGINES AND 'EAGLE' TRAINS:—Concluded:

Multiple unit diesel engines must be brought to a full stop before changing control from one unit to another.

If necessary in emergency to multiple F-7 diesel units with FT or F-3 type units the FT or F-3 type unit must be the lead unit so can be operated with the load indicating meter on the FT or F-3 type unit. Freight locomotives No. 577 to No. 614 inclusive are F-7 type and can multiple with KO&G locomotives No. 571 to No. 756 inclusive or T&P 1500 to 1519 inclusive, but must not be multiplied with M. P. FT type locomotives 501 to 512 inclusive nor F-3 type locomotives 513 to 576 inclusive except as mentioned above.

33. RULES AND INSTRUCTIONS WITH WHICH EMPLOYEES SHOULD PROVIDE THEMSELVES:

Uniform Code of Operating Rules.

Catechism on the Uniform Code of Operating Rules.
Safety Rules.

Circular No. 81, Rules and Instructions for the government and protection of employes whose duties require them to go between, under or about engines or cars.

Maintenance and Operation of Air Brake, Air Signal, Steam Heat and Air Conditioning Equipment and Train handling instructions.

I. C. C. Regulations for the Transportation of Explosives, Inflammables and Other Dangerous Articles.
Car Service Rules.

Instructions covering the handling of live stock.

Such instructions as are issued by accounting and traffic officers and instructions for the handling of mail, baggage, express, perishable freight, car demurrage and storage, diversion and reconsignment of freight and other instructions pertaining to their duties.

Fire Prevention Rules, Circular No. 15.

Crews making transfers to and from Mexico familiarize themselves with customs regulations.

34. TABLE OF SPEEDS:

MILES PER HOUR	ONE MILE IN	
	Minutes	Seconds
5	12	
10	6	
15	4	
20	3	
25	2	24
30	2	
35	1	43
40	1	30
45	1	20
49	1	13
50	1	12
55	1	5
59	1	1
60	1	
65		55
70		51
75		48
79		46

35. TRAIN SIGNALS:

All sections except the last will display two green lights only by day and by night in the places provided for that purpose on the front of the engine.

Extra trains will display two white lights only by day and by night in the places provided for that purpose on the front of the engine.

(See Rules 20, 20(a), 20(b), 20(c), 23 and 24.)

36. OPERATION OF RIVER TRANSFER:

BLANK.

37. TELEPHONES:

Location	MP	Pole	Booth or Building in Which Located
Vanderbilt Subdiv.:			
Algoa	349	6	Booth and Section House
Phillips Pet. spur	337	8	Booth
Chocolate Bayou	335	18	Booth
Liverpool	332	16	Booth
Liverpool	333	13	Booth
Liverpool	333	23	Booth
Danbury	327	20	Booth
Danbury	327	14	Booth and Section House
Danbury	327	3	Booth
Danbury	326	8	Booth
Angleton	321	2	Booth
Angleton	320	25	Booth
Angleton	319	30	Booth
Angleton	318	28	Booth
Edmonds	316	12	Booth
Edmonds	315	6	Booth and Section House
Brazoria	308	26	Booth
Brazoria	308	24	Booth
Brazoria	308	23	Waiting Room
Brazoria	308	19	Booth
Brazoria	308	11	Booth
Brazoria	307	18	Booth
Peerless Carbon Spur	303	5	Booth
Dow Chemical Spur	302	18	Booth
Sweeny	301	5	Booth
Sweeny	301	1	Booth
Sweeny	300	27	Booth
Sweeny	300	19	Booth
Sweeny	300	8	Booth
Sweeny	299	29	Booth
Abercrombie	297	15	Booth and Section House
Allenhurst	292	20	Booth
Allenhurst	291	13	Booth
Poole Pens	289	22	Booth
Bay City	284	24	Booth
Bay City	284	3	Booth
Bay City	284	0	Booth
Bay City	283	31	Booth
Bay City	283	27	Booth
Bay City	283	16	Booth
Bay City	283	8	Booth
Bay City	282	9	Booth
Buckeye	275	11	Booth

37. TELEPHONES:—Continued

Location	MP	Pole	Booth or Building in which located
Vanderbilt Subdiv.: Concluded			
Buckeye	275	6	Section House
Buckeye	275	2	Booth
Buckeye	274	5	Booth
Elmaton	270	2	Booth
Elmaton	269	26	Booth
Elmaton	269	16	Booth
Elmaton	269	9	Booth
Blessing	264	28	Booth
Blessing	264	11	Booth
Blessing	264	8	Section House
Blessing	263	21	Booth
Liberty Oil spur	263	7	Booth
Fracitas	258	3	Booth
Fracitas	258	0	Section House
Fracitas	257	11	Booth
Fracitas	256	27	Booth
LaWard	249	27	Booth
LaWard	249	25	Section House
LaWard	249	20	Booth
LaWard	249	12	Booth
LaWard	248	21	Booth
Lolita	245	14	Booth
Lolita	244	22	Booth
Lolita	244	15	Booth
Lolita	244	7	Booth
Vanderbilt	241	5	Booth
Vanderbilt	240	5	Booth
Vanderbilt	240	1	Booth
Vanderbilt	239	30	Booth
Vanderbilt	239	18	Booth
Vanderbilt	239	15	Booth
Vanderbilt	239	14	Booth
Vanderbilt	239	8	Booth
Vanderbilt	239	0	Booth
Vanderbilt	238	21	Booth
Kingsville Subdiv.:			
LaSalle	236	21	Booth
Carr	230	9	Booth
Carr	229	11	Booth
Placedo	224	9	Waiting Room and Section House
Bloomington	219	11	Waiting Room
McFaddin	209	19	Section House

37. TELEPHONES:—Continued

Location:	MP	Pole	Booth or Building in which located
Kingsville Subdiv.: Concluded			
McFaddin	209	12	Waiting Room
Inari	204	24	Booth
Inari	205	2	Booth
Vidauri	198	15	Booth
Vidauri	197	19	Booth
Greta	193	20	Booth
Greta	192	26	Booth
NF Siding	187	28	Booth
NF Siding	187	3	Booth
Woodsboro	181	01	Booth
Woodsboro	180		Waiting Room
Cranell	173	23	Booth
Ewelder	169	3	Booth
JX Siding	161	11	Booth
JX Siding	160	18	Booth
Angelita	151	80	Booth
Calallen	148	03	Booth
Calallen	147	09	Booth
Robstown	140	29	Booth
Driscoll	132	18	Booth
Bishop	125	33	Booth
Chemcel	123	18	Booth
Brownsville Subdiv.:			
Ricardo	112	4	Booth
Riviera	103	6	Booth
Sarita	98	12	Booth
Mifflin	91	19	Booth
Turcotte	82	20	Booth
Armstrong	77	2	South end of depot Box
Armstrong	77	00	Section House
Norias	67	21	Booth
Rudolph	60	10	Section House
Rudolph	60	10	Booth
Yturria	52	20	Building
Raymondville	47	18	Booth
Sebastian	36	20	Section House
Combes	29	15	Booth
Harlingen	26	14	Booth
Russelltown	14	9	Booth
Olmito	9	00	Booth
Brownsville	1	9	Booth

37. TELEPHONES:—Concluded

Location:	MP	Pole	Booth or Building in which located
Mission Subdiv.:			
Curvitas	A-56	1	Box
Sam Fordyce	A-53	0	Box on Sta. Bldg.
Edinburg Subdiv.:			
Raymondville Wye	E- 0	7	Booth
Hargill North Wye	E-13	23	Booth
River Subdiv.:			
Rangerville	K-10	17	Booth
Corpus Christi Subdiv.:			
SAU&G Crossover .	3	0	Booth
SA Junction	4	2	Booth
San Jose	7	26	Section House
San Jose	7	26	Box So. end Depot
Cassin	12	26	Booth
RO Siding	20	1	Booth
North Pleasanton .	33	5	Booth
Coughran	38	28	Booth
McCoy	46	11	Booth
Campbellton	55	2	Section House
Campbellton	55	5	Booth
Whitsett	63	10	Booth
Suniland	67	29	Booth
Suniland	68	2	Booth
Three Rivers	77	9	Booth
Ike	83	9	Booth
George West	88	4	Booth, also Section House
Mikeska	93	11	Booth
Dinero	100	18	Booth
Dinero	100	18	Section House
Mt. Lucas	103	16	Booth
Mt. Lucas	103	29	Booth
Cornelia	107	6	Booth
Dickey	120	25	Booth
Hubert	123	26	Booth
Hubert	123	34	Booth
Carbon Black Spur.	139	5	Booth
Viola	140	26	Booth
Viola	141	21	Booth
Nueces	145	16	Booth

38. HANDLING WOODEN CARS IN TRAINS AHEAD OF STEEL CARS:

Occupied wooden passenger carrying equipment will not be accepted for movement. If necessary to move such cars, they will be handled only when unoccupied and then only on rear of train.

Occupied steel underframe passenger carrying cars will not be handled. If necessary to move such cars, they may be handled only when unoccupied and then only when there is an all steel unoccupied car next between them and an occupied car.

Wooden or steel underframe baggage cars must not be used as "kitchen" cars in troop trains, as kitchen cars are occupied cars.

Steel underframe baggage, express or storage mail cars when unoccupied may be handled between steel or steel underframe cars, or between the engine and steel or steel underframe cars.

Light weight streamlined cars shall not be handled in our passenger trains, unless cars are constructed to meet the latest A. A. R. specifications. All Missouri Pacific light-weight streamlined "Eagle" cars are constructed to meet the latest A. A. R. specifications.

39. CLEARANCES:

In the absence of any regulations whatever, or of uniform clearance regulations, after detailed field investigation, the appended "Minimum Safe Clearance Diagram for Transportation Employees" has been adopted for wire lines and structures (such as bridges, building platforms, poles, fences, etc.), along or over the tracks. Additionally, it has been decided that tracks should, as a general proposition, be spaced not less than 13 feet from center to center.

As of date of these instructions, the following is a list of tracks, wire lines and structures which provide clearance less than shown in these instructions.

This list does not include low switch stands, dwarf signals, passenger station platforms and cattle guards which in general provide limited clearance immediately above base of rail.

It is the duty of each employe to become familiar with the location of all these obstructions and to use such precaution as will prevent personal injury to himself or his co-workers.

Note: This list is subject to change from time to time. Employes will keep posted at all times on such changes, including temporary restrictions during construction work, which will be covered by General Order or Train Order.

39. CLEARANCES:
Limited Side Clearances Affecting
Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.:		
Olmito.....	Main track.....	Mail crane when pouch in position
	Siding.....	Chute at seed house
Bridge 23.6....	Main track.....	Bridge
Combes.....	Main track.....	Mail crane when pouch in position
Bridge 34.7....	Main track.....	Refuge stations
Sebastian.....	Main track.....	Mail crane when pouch in position
Lyford.....	Main track.....	Mail crane when pouch in position
Armstrong.....	Main track.....	Mail crane when pouch in position
Turcotte.....	Siding.....	Stock chute and platform
Sarita.....	Main track.....	Mail crane when pouch in position
Riviera.....	Main track.....	Mail crane when pouch in position
Kingsville Subdiv.:		
Driscoll.....	Main track.....	Mail crane when pouch in position
Calallen.....	Main track.....	Mail crane when pouch in position
Bridge 149.8....	Main track.....	Bridge
Bridge 170.2....	Main track.....	Bridge
Cranell.....	Siding.....	Stock platform
Woodsboro.....	Main track.....	Mail crane when pouch in position
Bridge 184.8....	Main track.....	Bridge
Bridge 188.3....	Main track.....	Bridge
Vidauri.....	Siding.....	Stock platform
	Main track.....	Mail crane when pouch in position
Bridge 207.0....	Main track.....	Bridge
McFadden.....	Main track.....	Mail crane when pouch in position

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Main Tracks and Sidings:

Location	Track	Structure
Kingsville Subdiv.:		
Concl'd		
Bridge 215.0....	Main track.....	Bridge
Placedo.....	Main track.....	Mail crane when pouch in position
La Salle.....	Main track.....	Mail crane when pouch in position
	Siding.....	Stock platform
Vanderbilt Subdiv.:		
Bridge 242.7....	Main track.....	Bridge
Lolita.....	Main track.....	Mail crane when pouch in position
Laward.....	Main track.....	Mail crane when pouch in position
	Siding.....	Stock platform
Francitas.....	Main track.....	Mail crane when pouch in position
Bridge 267.1....	Main track.....	Bridge
Elmaton.....	Main track.....	Mail crane when pouch in position
Buckeye.....	Main track.....	Mail crane when pouch in position
Bridge 276.7....	Main track.....	Bridge
Brazoria.....	Siding.....	Stock platform
Bridge 309.7....	Main track.....	Bridge
Edmonds.....	Main track.....	Mail crane when pouch in position
Danbury.....	Main track.....	Mail crane when pouch in position
Liverpool.....	Main track.....	Mail crane when pouch in position
	Siding.....	Stock platform
Mission Subdiv.:		
Mercedes.....	Main track.....	Water crane
Pharr.....	Main track.....	Water crane
McAllen.....	Siding.....	Old auto platform
Mission.....	Old Main.....	Oil crane
		Water tank spout
Rio Grande City	Main track.....	Water tank spout

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Main Tracks and Sidings:

Location	Track	Structure
Corpus Christi Subdiv.:		
Coughran.....	Siding.....	Seed house
Ike.....	Siding.....	Stock platform and oil rack
Mathis.....	Siding.....	Vegetable shed
Edroy.....	Siding.....	Seed house and stock platform
Freeport Subdiv.		
Van Pelt.....	Siding.....	Stock pen platform
Hoskins Subdiv.		
Stratton Ridge	Siding.....	Stock pen platform
Rio Hondo Subdiv.:		
San Benito....	Transfer track...	Building & eaves
MP J-1 to J-1 plus 10	Main track.....	Light poles
River Subdiv.:		
San Benito (K-O plus 3½)	Main track.....	Power pole
San Benito (K-1 plus 8)	Main track.....	Concrete headwalls
San Benito (K-2 plus 7)	Main track.....	Concrete headwall
Los Indios (K-11 plus 14)	Main track.....	Telephone pole

Limited Overhead Clearances Affecting
Main Tracks and Sidings:

Brownsville Subdiv.:		
Harlingen Yard	Main track.....	Water and oil cranes
Raymondville..	Main track.....	Water tank spout
Rudolph.....	Main track.....	Water tank spout
Armstrong.....	Main track.....	Water tank spout

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Main Tracks and Sidings:

Location	Track	Structure
Kingsville Subdiv.		
Kingsville.....	Main track.....	Water tank spout
Robstown.....	Main track.....	Water tank spout
MP 163.16.....	Main track.....	Water tank spout
MP 187.0.....	Main track.....	Water tank spout
Bloomington...	Main track.....	Water tank spout
Bloomington...	Main track.....	Oil tank spout
Vanderbilt Subdiv.:		
Vanderbilt....	Main track and siding.....	Water tank and Oil tank spouts
Bay City.....	Main track.....	Water crane
Bay City.....	SK siding.....	Water tank spout
Sweeny.....	Main track.....	Water tank spout
Algoa.....	Main track and BM siding.....	Water tank and Oil tank spouts
Mission Subdiv.:		
San Juan (A28 plus 25)	Siding.....	Light wires
Kane (A36 plus 18)	Main track.....	Light wires
Mission.....	Old Main.....	Water & oil spouts
Mission (A40 plus 14)	Main track.....	Light wires
Mile Post A72 plus 1	Main track.....	Light wires
Rio Grande City	Main track.....	Water spout
Corpus Christi Subdiv.:		
MP 6.6.....	Main track.....	Water crane
North Pleasanton..	Main track.....	Water tank spout
Three Rivers..	Main track.....	Water tank spout
MP 105.8.....	Main track.....	Water tank spout
Edroy.....	Main track.....	Water tank spout
Corpus Christi.	Main track.....	Water tank spout
Corpus Christi.	Main track.....	Passenger shed

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Main Tracks and Sidings:

Location	Track	Structure
Freeport Subdiv.:		
Angleton.....	Main track.....	Water tank spout
Hoskins Jct.....	Main track.....	Water tank spout
Edinburg Subdiv.:		
La Sara (MP E-8 plus 14)	Main track.....	Light wire
Hargill.....	Main track.....	Water tank spout
MP E-27.....	Main track.....	Light wire
MP E-28 plus 11	Main track.....	Light wire
Edinburg.....	Main track.....	Water crane spout
River Subdiv.:		
MP K-14 plus 2	Main track.....	Light wire
MP K-20 plus 8½	Main track.....	Telephone line
MP K-23 plus 6	Main track.....	Light wire
MP K-27 plus 8½	Main track.....	Light wire
MP K-31 plus 16	Main track.....	Power wire
MP K-47 plus 0	Main track.....	Light wire
MP K-49 plus 4	Main track.....	Light wire
MP K-52 plus 19½	Main track.....	Light wire
MP K-56 plus 1	Main track.....	Light wire
MP K-56 plus 4	Main track.....	Light wire
MP K-57 plus 4	Main track.....	Light wire
MP K-57 plus 19	Main track.....	Light wire
MP K-57 plus 20	Main track.....	Light wire
Mission K-59.1	Main track.....	Light wire
Mission K-59.9	Main track.....	Light wire
MP K-60.8	Main track.....	Light wire
MP K-61.4	Main track.....	Light wire
MP K-62.3	Main track.....	Light wire
MP K-63.1	Main track.....	Light wire
MP K-63.3	Main track.....	Light wire
MP K-63.6	Main track.....	Light wire
MP K-65.4	Main track.....	Light wire
MP K-67.6	Main track.....	Light wire
MP K-68.5	Main track.....	Light wire

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Main Tracks and Sidings:

Location	Track	Structure
Edecouch Subdiv.:		
Edecouch.....	Main track.....	Light wires Water spout
Rio Hondo Subdiv.:		
San Benito....	Old Main.....	Water tank spout
Port Isabel Subdiv.:		
Place Jct. (JA-0.7)....	Main track.....	Wire line
Laureles (JA-9.9)....	Main track.....	Light wires
Bayview (JA-15)....	Main track.....	Water tank spout and light wires
River Subdiv.:		
San Benito (K-1 plus 10)	Main track.....	Light wires
San Benito (K-2 plus 7)	Main track.....	Light wires
MP K-3 plus 27	Main track.....	Light wires
MP K-4 plus 5	Main track.....	Light wires
MP K-4 plus 16	Main track.....	Light wires
La Paloma (M-O plus 14½)	Main track.....	Wire line
La Paloma M-O plus 16½)	Main track.....	Wire line
MP K-7 plus 10	Main track.....	Light wires
MP K-9 plus 6½	Main track.....	Light wires
MP K-9 plus 25½	Main track.....	Light wires
MP K-11 plus 14½	Main track.....	Light wires

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.: Brownsville port.....	U.S.I. track.....	Overhead pipe rack leg
	Port fuel track...	Unloading pipes and valves
	Pemex No. 1.....	Fence gate
	Lead Yard track.	Loading platform
	Aransas Com- press No. 2....	
	Tracks 1 and 2...	Loading docks and drawbridge sup- ports
	Dock track No. 2.	Covered platform
	Banana Lead....	Saw bench
	Port Line Gin spur.....	Overhead seed conveyor
	Aransas Com- press No. 1....	Down spouts and roof drain
Brownsville Belt Line...	Eubanks Fish Co.	Sewer pipe on building
	Border P'king Co.	Building and goose- neck light
	Ice Dock tracks 1 and 2.....	Ice docks
	Valley Ready Mix track.....	Gravel unloading ramp
	Hardin track....	Fence gates
Brownsville...	Passenger station tracks 3 and 4.	Platform & shed
	End of wye.....	Stock chute platform
	Fumigation track	Fumigation room
	Rip track.....	Stock chute platform

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.: Cont'd		
	Brownsville.....	Engine track....
		Sand house plat- form
		Underground oil tank
		Overhead oil tank and frame
		New sand house platform
	Oil track (shops)	Parallel steam line
	Morris Alley track.....	Sand & gravel bin
		Light pole
		Section house eaves
	Rio Grande Alley	Fence
		Parallel pole line
		Parallel pole line
		Goose neck pole light (18 ft. high)
		Sign Palm Blvd.
		Gas Meter
		Gas Meter
		Light pole
		Waste bin
	Auto Dock track.	Auto platform
	House track.....	Auto platform
		Building eaves
	Scale track.....	Scale building and lights
	Alley track.....	Unloading pipe
		Warehouse & eaves
		Unloading pipe
		Building eaves and building
		Warehouse down- spout
		Warehouse goose- neck light
		Warehouse down- spout

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.: Cont'd		
Brownsville...	Alley track.....	Warehouse goose-neck light Gas meter Warehouse eaves Warehouse goose-neck light Warehouse eaves Three platforms
	Alamo Iron W'ks. So. Texas Cotton Oil Mill track..	Gravel bin Ladder & conveyor Building Platform
	B&M Bridge track.....	Gate & bridge Building
	Power house spur	Gas meter
San Benito...	Crowley No. 1...	Building eaves
	Fgt. depot spur..	Unloading well
	TCX No. 1 track..	Water meter box Goose neck lights
	South Ice dock...	Ice dock
	Ice Dock No. 1...	Ice dock & light pole
	North Ice Dock track.....	Ice dock
	Laundry track..	Light pole
	Power spur....	Water valves
	Track No. 1.....	Light pole
	Stock track.....	Stock chute Fence Guy wire Light pole
Harlingen.....	McKelvey Pack- ing House.....	Fence post
	Southwest Cotton Oil Mill No. 1..	Overhead loading pipes
	Humble Oil track.	Building eaves

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.: Cont'd.		
Harlingen.....	Parker Lbr. Co... Water Dist' track	Sand bin Water district fence & whse. Telephone pole Hicks oil unloading pipes & whse.
	Jackson spur....	Food Machinery building
	B-1 Spur.....	Building and down- spout
	Piggly Wiggly...	Building & eaves
	Long track.....	Ozarka water goose neck light Farmers Gin seed house Railway Bldg. No. 88 Railway Bldg. No. 20 & platform Valley Implement building Magnolia Pet. fence Sinclair Oil unload- ing platform and pipes Texas Co. platform
	Federal Petro- leum track....	Federal Pet. unload- ing pipes Producers Gin Bldg. Telephone pole
	Bldg. No. 66 track	Junk yard gates and fence Railway Bldg. No. 66
	Stock track.....	Material Bldg. platform Crane Co. building Light pole

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.: Cont'd Harlingen.....	Texas Frozen Foods.....	Gregory Trailer sign & building Basement entrance frozen food Co.
	Swift Oil Mill tracks 1 and 2..	Gates
	Swift Co. Linters track.....	Cotton seed oil pipe and loading platform
	Swift Co. Scale track.....	Water pipe & load- ing platform
	Swift Co. Meal track.....	Seed conveyor
	Ice dock No. 1 track....	New ice dock CP&L Building Old ice dock
	Ice dock spur...	Low ice dock
	Ice dock No. 2..	New Ice dock
	Rip track No. 3..	Scrap bin Office building Machine shop
	Oil track.....	Sand & oil house
	Roundhouse No. 3	Water pipe
	Roundhouse No. 4	Water & oil cranes Sand and oil house
	Engine Run- around track..	Water and oil cranes
	South Texas Cot- ton Oil Mill track.....	Parallel walkway and stairway
	South Texas Cot- ton Oil Mill meal track....	Goose neck light

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.: Cont'd. Harlingen.....	Valley Ready Mix Cement track..	Guy wire
	Valley Ready Mix Gravel track...	Concrete wall and ramp
	Oil track on wye..	Unloading rack
	Valley Compress No. 1.....	Bldg. and platform Fire plug
	Valley Compress No. 2.....	Platform
	Jones fgt. track..	Warehouse and goose neck light
	Corpus Hdwe. Co.	Light pole
	Valley Baking Co.	Window screens
	Carpenter Paper Co.....	Light pole
	Harlingen Can- ning Co. track No. 1.....	3 can conveyors 9-In. high concrete curb & sidewalk
	Harlingen Can- ning Co. track No. 2.....	Gate & building
	Pittman Davis...	Gas meter
	Alley track.....	Light poles
Combes.....	House track....	Vegetable sheds and eaves
Sebastian.....	House track....	Grain elevator spouts
		Bldg. No. 10 open platform, seed house & eaves
Lyford.....	House track....	Telegraph pole
	Lyford Vegetable No. 1.....	Concrete settling basin

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.: Concluded		
Raymondville...	Industry track...	Gulf unloading pipe Magnolia unloading pipe City water pipe Texas Co. fence Telephone pole
	North house.....	Wade shed Freight station platform
	Valley Ready Mix	Gravel unloading ramp
	F-K Vegetable Co.....	Light pole
	Ice plant tracks 1 and 2.....	Loading platforms
	Jones ice plant...	Loading platform
	Delta No. 2.....	Loading platform
	Delta No. 1.....	Building
	South house.....	Roof eaves on cotton platform
Yturria.....	Stock track (house).....	Stock chute
Mifflin Pens...	Stock track.....	Stock chute
Sarita.....	Stock track.....	Track gates Stock chute
Riviera.....	House track.....	Vegetable platform
Ricardo.....	House track.....	Stock chute Cotton platform Eaves on seed house
Kingsville Subdiv.: Kingsville.....		
	Sinclair and Texas Co. spur	Pole and unloading pipes
	Gulf Oil Co. and gin spur.....	Pole

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Kingsville Subdiv.: Cont'd		
	Wrecker track (old).....	Coal bin
	Dismantling track.....	Cable house
	Round house lead-Outbound	Platform
	Round house lead-Inbound..	Platform, Sand house steps, turntable, water tank spout and oil crane
	Engine spur.....	Water tank spout
	House No. 2.....	Platform
	Mill track.....	Platform—Ware- house—Seed con- veyor, sand & gravel bin
	Hotel track.....	Tree
	Naval Base	Plumber shed
	End main spur..	Warehouse plat- form
	Track No. 2.....	Sand bin
	Track No. 3.....	Cement house
	Paint No. 3.....	Paint platform
	Paint No. 4.....	Platform, car winch
	Paint No. 5.....	Car winch
	Paint No. 6.....	Jacking stall
	Paint No. 7.....	Pipe line support, jacking stall
	Coach No. 1.....	Office, scrap bin, platform
	Coach No. 2.....	Platform
	Coach No. 3.....	Platform
	Coach No. 4.....	Platform
	Coach No. 6.....	Canopy, store room
	Oil spur.....	Steam line

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Track	Location	Structure
Kingsville Subdiv.: Cont'd	Scrap dock	Platform
	Material track ..	Platform
	Store room	Platform
	Balloon track	Oil house
	Young siding	Stock pen platform
Caesar	Stock track	Stock pen plat- form, sign
Chemcel	Loading tracks 1, 2 and 3	Warehouse, plat- form, & loading racks
	Chicago Corpin ..	Loading racks
Bishop	House track	Feed mill, vegetable shed and fence at gin
	Oil spur	Elevator and oil unloading pipes
	Elevator spur	Elevator and grain loaders
Rosewood Refinery	Oil track	Loading pipes
Spur		
Driscoll	House track	Gin, grain elevators and platform
	Stock track	Grain elevators
Robstown	Oil mill track	Warehouse
	Grant Lumber Co. Roy Campbell spur	Warehouse
	Gerhardt spur	Vegetable shed
	McCarrick No. 5 ..	Vegetable shed
Calallen	House track	Depot platform, coal house, sand loader
MP 153	Gravel spur	Tipple

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Kingsville Subdiv.: (Cont'd)		
Odem	Transfer track ..	Stock platform, grain elevator
	McCarrick spur ..	Vegetable shed
	Gulf team track ..	Vegetable shed
	Ice dock tracks ..	Grain elevators
	House track	Merchandise shed
	Hardwick spur ..	Vegetable shed
Sinton	House track	Depot platform, vegetable shed, unloading pipes at oil stations
	Grant Lumber Co. Spur	Feed and cement buildings
	Elevator spur	Grain elevator
	Beard track	Vegetable shed
	Ewing Sims spur ..	Warehouse
	San Pat spur	Warehouse
	Ice dock spur	Ice chute
Welder pens ..	Stock track	Stock platform
Cranell	Oil spur	Oil loading rack
Woodsboro	House track	Platform, coal house, grain ele- vators & oil un- loading pipes
	Team track	Warehouses, plat- forms, grain ele- vators
Refugio	House track	Warehouses & oil unloading pipes
	Oil spur	Oil loading rack
	Team track	Warehouse
Greta	Stock track	Stock platform
	Humble oil tracks ..	Oil loading rack
Inari	Stock track	Stock platform
McFaddin	House track	Depot, coal house and platform
	Stock track	Cotton platform & stock platform

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Kingsville Subdiv.: Concluded		
Bloomington...	Storage track No. 2.....	Warehouse and stock platform
	House track.....	Warehouse and platform
	Engine track....	Oil spout & sand house platform
	Material track No. 2.....	Platform & oil loading pipes
Placedo.....	Team track.....	Platform
Keeran.....	Stock spur.....	Stock platform
La Salle.....	Team track.....	Platform
Vanderbilt Subdiv.:		
Vanderbilt...	Engine track....	Oil tank & store- room platform
	Magnolia oil spur	Oil loading racks
	House track.....	Warehouses
Lolita.....	Team track.....	Platform, ware- house & stock platform
La Ward.....	Team track.....	Warehouse & cot- ton platform
Francitas.....	Stock track.....	Stock platform
	Oil spur.....	Oil loading rack
Blessing.....	House track.....	Stock platform, sand bin, depot platform
Elmaton.....	Team track.....	Rice drier spout
	Gin spur.....	Seed house
Bay City.....	Gin spur.....	Warehouse & plat- form, oil unload- ing pipe
Poole Pens....	Stock pens.....	Stock pen platform

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Vanderbilt Subdiv.: Concluded		
Sweeny.....	Abercrombie oil track.....	Loading racks
Phillips Refinery....	House track.....	Warehouse & oil racks
		Warehouses
Brazoria.....	House track.....	Gasoline unloading pipes, warehouse and sand bin
Angleton.....	Old team track..	Warehouses
Mission Subdiv.:		
La Feria.....	Old team track..	Molasses loading pipes when in loading position
	Quality Prod. track No. 1....	Open platform and pipe along plat- form
	Vegetable track..	Covered platform eaves
	House track.....	Mitchell shed Bldg. No. 3
	Second Trk. Bldg. No. 17.....	Eaves on Buck Feed Store garage
Mercedes.....	Creamery track..	Tillery Bldg. eaves
	Express track...	Cross arms on signal line
	Watson-Ross track.....	Gin building Bldg. eaves & gas meter old CP&L Bldg.
	CP&L spur.....	Open platform Ice platform

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Mission Subdiv.: Cont'd.		
Mercedes.....	Stock Yard track	Fence corner Platform & eaves
	Co-op. spur.....	Steps
	Stokely track....	Platform
	Power house spur	Tillery Bldg. plat- form & eaves Rio Banco Bldg. eaves Open platform Open platform button factory Bldg. eaves & fence
	Tankersley spur. Bldg. 26 track 1	Company pole
	G. E. Watson track No. 2....	Company water tank
	Rio Foods track..	Window screens Rio Foods Bldg.
	Williams track No. 1	Williams shed
Weslaco.....	Valley Ready Mix track.....	Gravel ramp and building eaves
	Texsun Supply Co. South track..	Building eaves
	Bordo spur.....	Old Bordo building eaves
	Old Gulf.....	Building eaves
	Caboose track....	Fence
	Team track.....	Platforms Telephone pole Platform Sand & gravel bins
	Middle track.....	CP&L transformer CP&L pole Texas Co. CP&L pole Lbr. Co.

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Mission Subdiv.: Cont'd		
Weslaco.....	Engine track....	Water crane
	Oil track.....	Stock pen platform Building & eaves
	Verhalen track..	Building eaves
	Christensen No. 1	Can conveyor & water pipe
	Citrus Assn. No. 1	Building, platform and eaves
	Old Texsun No. 1	Can conveyor
Donna.....	Sugar mill, Gin spur	Building
	Knapp track No. 1 old bldg. No. 22	Can conveyor and window screens
	Texas Dehydra- tion track.....	Gas meter installa- tion
	Taormina track 1	Two can conveyors
	Taormina track 2	Concrete box
	Run around track	Lights on gin bldg.
	Barrera Garza	Building eaves and gutter
	Industry track.	Gin platform Building eaves
	Bldg. No. 16 track	Telephone pole
	House track.....	Auto platform Express Bldg. eaves Station Bldg. eaves and platform
	Agar spur.....	Building eaves
Val Verde.....	Fruit shed track 1	Gooseneck lights
Alamo.....	Alamo Citrus Assn. No. 1....	Building gutter and bumpers
	House track.....	Platform & eaves Seed house eaves Burkhart gin No. 2

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Mission Subdiv.: Cont'd.		
Val Verde.....	Burkhart track.....	Cotton platform Building eaves of fruit shed
San Juan.....	Junk Yard track.....	Junk yard bldg. eaves
	St. Clair track.....	Window screens
	Dick Winn track.....	Building eaves
	Industry track.....	Building eaves
	Canal track.....	Gate
Pharr.....	Builders Supply track.....	Gravel bin
	North house track.....	Building and eaves
	Elevator track.....	Two buildings
	Bennet-Ray track.....	Platform
	Elmore & Stahl No. 1.....	Can conveyor
	Coate-Fox-Price Industry track.....	Hinged loading boards
		Platform & bldg.
		Building eaves
		Building & eaves
	San Pat No. 1.....	Ice chute
	McBride & Ligon No. 1.....	Ice chute
Hauser.....	Valley Ready Mix No. 2.....	Sand & gravel bins
	Valley Ready Mix No. 1.....	Gravel unloading ramp
McAllen.....	House track.....	Depot platform
		Eaves on platform roof
		Platform on Bldg. No. 4
		Old concrete wall 3 ft. high
		Building & eaves
	Old auto dock track.....	Auto platform

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
other than Main Tracks and Sidings:

Location	Track	Structure
Mission Subdiv.: (Cont'd)		
McAllen.....	Fidelity Bonded Whse. track.....	Building & eaves
	Oneall track.....	Conveyor
	Zarsky Lbr. Co....	Building eaves
		Pipes
	Reagan Fruit spur.....	Building & eaves
		Covered platform
		eaves Bldg. 14
	Ehrhardt spur.....	Eaves Bldg. 15
		Water crane
	Carroll College lead.....	Sand & gravel bins
		Cement house
		and eaves
		Sand & gravel bin
	Southern Foods track.....	Open shed over can conveyor
	Moore Canning Co	Sand bin
		Can conveyor
	Denton No. 1.....	Building & can conveyor
Sharyland.....	Shary No. 1.....	Palm tree
		Building
Mission.....	Texas Gold spur.....	Can conveyor & screen windows
		Sand bin
	Liston track.....	
	Mission Fruit & Vegetable No. 1	Open platform
	Mission Fruit & Vegetable No. 2	Telephone pole
	Melch track (or No. 2 track).....	Building & platform
	Ice dock track.....	Low platform
		High platform
	Engine track No. 1.....	Sand house & machine shed

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other than Main Tracks and Sidings

Location	Track	Structure
Mission Subdiv.: Concluded		
Mission.....	Engine track No. 2	Oil house eaves
	SB&RGV Con- nection.....	Pumphouse eaves
	Oil spur.....	Stock pen platform Concrete headwall on canal
Penitas.....	Oil spur.....	Unloading spouts
MP A-49 plus 24.....	Bleakley Gravel Co.....	Tipple
Sam Fordyce..	House track.....	Warehouse eaves
MP A-56.....	Gravel spur.....	Three tipples
MP A-57 plus 10.....	Gravel spur No. 1	Two tipples Loading chute
MP A-57 plus 10.....	Gravel spur No. 2	Loading ramp (both sides of track)
Kelsey.....	Brick yard spur..	Concrete loading platform
MP A-69 plus 8	Oil loading spur..	Hinged walkways atop loading rack
Rio Grande City	Ringold spur No. 1.....	Gate posts Open platform Eaves on hay shed Posts on hay shed
	Stock pen track..	Stock chute plat- forms Seedhouse & eaves
	Fordyce Gravel Co. tracks 1, 2, 3	Loading bins

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Corpus Christi Subdiv.:		
Phoenix.....	2 oil loading spurs.....	Loading racks
Three Rivers..	Glass track.....	Glass Factory bldg., warehouse and oil racks
	Refining spur....	Oil racks
	House track.....	Seed house, stock platform and Cotton platform
George West..	House track.....	Grain elevator
MP 103.....	Oil spur.....	Loading racks
MP 111.....	Caliche spur....	Loading tippie
Mathis.....	Transfer track....	Stock chute
Hubert.....	Gravel pit spur..	Loading tippie
Odem.....	Transfer track....	Stock platform & grain elevator
	San Pat spur.....	Vegetable shed
	North gin spur...	Platform
	South gin spur...	Platform & seed house
	House track....	Platform
MP 138.....	Columbia Carbon	Warehouses
Nueces.....	Industry spur....	Cement house and conveyor
Corpus Christi	Taylor Refinery	Loading pipes
	Hanlon Buchanan Terminal	Loading pipes
	Refinery.....	Loading rack
	Southern Alkali tracks 5, 8 & 10	Sheds
	Engine track....	Inspection platform, Sand bin, water crane and oil crane
	S. Texas Mat'l...	Sand and gravel bin
	Townsite track...	Sand bin
Pleasanton....	Metal track.....	Sand bin
Pleasanton....	Team track.....	Cotton platform
Mt. Lucas.....	House track.....	Stock platform

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Corpus Christi Subdiv.: Concluded		
Corpus Christi	Hedges track....	Lumber shed
	Cage Hardware No. 1.....	Platform
	Mann Hefley spur.....	Rail Marker
	Piggly Wiggly spur.....	Fence
	South Tex. Spec. Co.....	Buildings
	Mathews Lbr. Co.	Buildings
	Texas pipe & Supply Co.....	Pipe rack
	Automobile dock.	Platform
	Dock lead.....	Fence
	Schumacker track	Warehouse
	Southwest Spec. track....	Warehouse
	Rosenbaum track	Warehouse
	Chapman team track.....	Cal-Tex plant
	Hardwick track..	Vegt. shed
	Zarsky track....	Lumber shed
	Diesel Facilities Track.....	Platform
CCTA Ry: Corpus Christi	Dock No. 1.....	Warehouse and concrete platform
	Dock No. 2.....	Concrete platform
	Dock No. 8.....	Compress
Victoria Subdiv.: M.P. C-22.6....	Lela Pens Stock track.....	Oil loading rack Stock platform

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Victoria Subdiv.: Concl'd		
Long Mott....	Stock track.....	Stock platform Rice dryer Seed house Cotton platform
Green Lake...	Stock track.....	Stock platform Cotton platform
Portilla.....	Oil spurs.....	Loading rack
Victoria.....	Compress spur...	Compress platform
	House track....	Freight Depot— Auto platform
	Fordyce gravel spur.....	Loading tipples
Austwell Subdiv.: Austwell.....	Gin track.....	Platform
	Stock track.....	Stock platform and Cotton platform
Maudlow.....	Stock track.....	Stock platform
Edinburg Subdiv.:		
Raymondville..	South low dock track.....	Low ice unloading dock
	North low dock track.....	Low ice unloading dock
	Dock track No. 1.	High level ice dock
	Dock track No. 2.	High level ice dock
La Sara.....	Guy wire	Cotton seed house
	Gin track.....	eaves
Hargill.....	House track....	Open platform Bldg. No. 10 Depot platform
	Gin track.....	Cotton platform

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Edinburg Subdiv.:		
Edinburg	Edinburg Canning track	Can conveyor
	Peace Canning track	Cotton platform Gooseneck lights on building
	Cotton	Cotton waste bin Seed house Loading platform Boiler house Platform—Polis & Hagan shed Polis & Hagan warehouse eaves Open platform
	Gulf Oil track	Cotton platform
	Texaco Oil Co.	Unloading pipes
	Myers Canning Co.	Building Can conveyor Shook conveyor Gooseneck lights on building
	House track	Platform Fgt. depot platform
	Old Storage track	Warehouse
Edcouch Subdiv.:		
Monte Alto	Canning track 1	Gooseneck lights Can conveyor
	Canning track 2	Can conveyor
Edcouch	Ice track	Platform
	House track	Depot platform
	G. O. McDaniels No. 1	Can conveyor
	Gin spur	Cement house eaves Fence

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Faysville Subdiv.:		
MP F-3	Stone Gravel Co.	Tipple Loading spout
San Perlita Subdiv.:		
San Perlita	House track	Station platform Warehouse eaves
Willamar	Gin track	Cotton platform 2-inch water pipe
Rio Hondo Subdiv.:		
San Benito	Alexander spur Valley Gin track	Building Can conveyor Sand & gravel bins Building eaves Gas meters (2 each)
	Cleveland spur	Sand house & bin Building & lights Bldg. platform & spout
	Engine track 1	Shop building
Rio Hondo	Gin spur	Building & eaves
	Long Industry track	Building eaves & can conveyor Eaves Bldg. No. 13
Port Isabel Subdiv.:		
Place Jct. (JA-18)	Cameron County	Sand & gravel bins
Laureles	Gin spur	Cotton platform
Bayview	Citrus Assn. No. 1	Loading platform
Esoes	Stock track	Loading chute
Port Isabel	Dock track	Oil loading rack
	New oil dock track	Oil loading rack
	Refinery track	Sand & gravel bins Palm tree Oil loading racks Gooseneck lights

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
River Subdiv.:		
San Benito....	South Tex Lbr. spur.....	Fence Sand bin
	C. D. Kirk track 1	Gooseneck lights
	Leverson Canning Co.	Canning plant eaves & doors
	Valley Lumber Supply Co.	Ash tree
Rangerville....	Gin track.....	Gin Bldg. & platform
Hidalgo.....	Stock pen track..	Building eaves Stock pen platform
Madero.....	Brick spur.....	Gates Buildings both sides track Brick kilns Gas pipes
Mission.....	Farmers Gin....	Loading spout cottonseed house
	Aiken.....	Stairway 2 can conveyors
	Mission Foods...	Meter box
MP K-63.5....	Barrett spur....	Loading platform
Moore Field...	Gasoline spur....	4 gasoline unloading pipes Block & tackle & anchor post
	Warehouse track No. 1.....	Whse. platforms
	Warehouse track No. 2.....	Whse. platforms
Cantu.....	Grain spur.....	Grain elevator Loading spout

39. CLEARANCES:—Continued
Limited Side Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Freeport Subdiv.:		
Velasco.....	Rip track.....	Car shed
Velasco.....	Pit track.....	Office and store room
Velasco.....	Supply track....	Oil and water spouts
Velasco.....	Dow Chemical Co. tracks.....	Building and conveyors
Freeport.....	House track.....	Depot platform
Freeport.....	Stauffer Chemical No. 1.....	Sulphur shed
Freeport.....	Sulphur docks....	See below

Freeport Sulphur Company conveyor system at Sulphur Docks, Freeport, Texas, for loading crude sulphur aboard ships consists of one 30 by 60-foot building located over center of unloading track. Standard side and overhead clearance has been provided except that when cars are being unloaded, aprons are dropped down on each side of car having only 3 to 4-inch clearance.

Train and enginemen must see that these aprons are clear before moving through building.

There is also located in the center of this building and under the single unloading track a large open hopper 10 feet by 14 feet.

Switches controlling double track north and south of this building are located at each end of the building. Trainmen operating these switches, going from one to the other, must exercise care in passing through or working in the building, and avoid the open hopper described above, and other obstructions in the building.

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.:		
Brownsville Port.....	Port Main MP .05	Light wires
	Stanolind track ..	Light wires
	Dock tracks 1 & 2	Light wires
	Dock tracks 3, 4 & 5	Private telephone lines
	Dock tracks 7 & 8 ..	Light wires
	Banana lead.....	Light wires
Brownsville Belt Line.....	Belt Main, 14th St	Light wires
	Belt Main, Acacia spur	Light wires
	Larry Lightner tracks 1 & 2....	Light wires
	Brownsville Canning Co.....	Light wires
	Run-around track 14th St.....	Light wires
	Allala tracks 1 & 2	Light wires
	Fort Brown lead 14th St.....	Light wires
	Fort Brown lead 20th St.....	Light wires
	Fort Brown lead 22nd St.....	Light wires
Brownsville.....	Rip track.....	Light wires
	Engine track.....	2 light wires
	Rio Grande Alley ..	9 light wires
	Morris Alley.....	Light wires
	New Alley.....	Light wires
	Alamo Iron track ..	Light wires
		Warehouse door
	South Texas Cotton Oilmill spur	Light wires
		Overhead conveyor and walkway
		Guy wires
	Power spur.....	Light wires

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Brownsville Subdiv.:		
Cont'd		
Harlingen.....	Stock track.....	2 light wires
	Piggly Wiggly track	Telephone wires
	South Texas Cotton Oil Co. track	Light wires
	Roundhouse tracks 1, 2, 3 & 4.....	Engine house
	Harlingen Canning Co. alley tracks 1 & 2 ..	Light wires
	Corpus Hardware track	Light wires
	Harlingen Canning Co. plant track No. 1....	Steam pipes & can conveyor
	Harlingen Canning Co. plant track No. 2....	Light wires
	Alley track.....	Light wires
	Roundhouse No. 4	Sand tank spout
Raymondville..	Engine track.....	Light wires
	Delta Canning No. 2.....	Light wires
Armstrong MP 77 plus 4...	Stock track.....	Light wires
Kingsville Subdiv.:		
Robstown.....	Tex-Mex transfer	Seed chute
	Herring spur.....	Feed conveyor
Mission Subdiv.:		
Laferia.....	Vegetable track..	Wire line to Bldg. 17
	Gin spur.....	Wire line

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Mission Subdiv.: Cont.		
Mercedes.....	Creamery track..	Wire line to signals
	Stock track.....	Wire line
	Watson-Ross.....	Wire line
	Power House spur	Telephone line
Weslaco.....	Bordo spur.....	Wire line
		Wire line to Bldg. 18
	Team track (Kan. Ave.)	Four wire lines
	Middle track.....	Wire line
		Telephone line
	Verhalen.....	Three wire lines
Donna.....	Taormina tracks 1 and 2.....	Light wires
	Run-around track	Telephone line
Pharr.....	Builders Supply track.....	Wire line
	Pape & Allison...	Wire line
	Elevator track...	Two wire lines
	Elmore & Stahl No. 1.....	Wire line
	Elmore & Stahl No. 2.....	Wire line
Hauser.....	Valley Ready Mix No. 2.....	Wire line
McAllen.....	House track.....	Signal light wires
		Four wire lines
	Zarsky Lbr. Co..	Signal wires
	St. Clair Foods No. 2.....	Wire line
Kane.....	Rado spur.....	Wire line
Mission.....	Rip track.....	Wire line
	Truhe Box Co..	Wire line
	Walker-Craig track.....	Wire line
	North leg of wye.	Wire line

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Mission Subdiv.: Concl'd.		
MP A-49 plus 24.....	Bleakley Gravel..	Tipple Light wires Tipple when loading
MP A-56.....	Gravel spur.....	Three tipples when loading
MP A-57 plus 10.....	Gravel spur No. 1.....	Two tipples when loading
	Gravel spur No. 2.....	Loading ramp
MP A-69 plus 8	Oil Loading spur.	Hinged walkways on top of loading rack
Rio Grande City..	Ringold spur No. 1	Hay shed eaves
	Fordyce Gravel Co. tracks 1, 2 and 3.....	Gravel bins Light wires
Corpus Christi Subdiv.:		
Phoenix.....	2 oil loading spurs.....	Oil racks
North Pleasanton..	Round house track.....	Water tank spout
MP 63.....	Oil spur.....	Oil racks
MP 103.....	Oil spur.....	Oil racks
MP 111.....	Caliche spur....	Loading tipple
Mathis.....	Katz Vegetable track.....	Wires
Hubert.....	Sand and gravel spur.....	Loading tipple
Corpus Christi...	Track No. 1.....	Fr't. depot eaves.
	Sinclair Refinery track No. 2....	Pipes
Victoria Subdiv.:		
Victoria.....	Fordyce Pit track	Loading tipple
	Oil Mill spur....	Ladder

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
Freeport Subdiv.:		
Velasco.....	Rip track.....	Car shed
	Dow A-3 and 4...	Nono-rail Bldg. A-606
	Dow B Sulphur Burner.....	Pipe bridge
	Dow Chemical Co. tracks.....	Conveyors wireline crossing
Hoskins Subdiv.:		
Hoskins.....	No. 1 track.....	Lime House and water crane
Edinburg Subdiv.:		
Edinburg.....	Chavez St. lead...	Light wires
Edcouch Subdiv.:		
Monte Alto...	Rio Farms tracks 1, 2 and 3	Light wires
Edcouch.....	House track.....	2 light wires
	G. O. McDaniels tracks 1 and 2...	Light wires
San Perlita Subdiv.:		
Raymondville...	East Valee Compress.....	Light wires
Rio Hondo Subdiv.:		
San Benito....	Valley Gin spur...	Light wires
Port Isabel Subdiv.:		
Laureles.....	Bldg. 16 tracks 1 & 2.....	Light wires
Port Isabel....	Dock track.....	3 light wires
	New oil dock track.....	Light wires

39. CLEARANCES:—Continued
Limited Overhead Clearances Affecting
Other Than Main Tracks and Sidings:

Location	Track	Structure
River Subdiv.:		
San Benito....	Valley Lbr. Co....	Telephone line Telephone cable
Los Indios....	Spur track.....	Telephone line Light wires
Hidalgo.....	House track.....	Telephone wire
Madero.....	Brick spur.....	Telephone line Light wires
Lindsey Garden	Main lead.....	Light wires
Moore Field...	Spur track No. 1...	Light wires
	Gasoline spur...	2 light wires
	Warehouse tracks 1 and 2...	Light wires Telephone line

STANDARD SIGNS



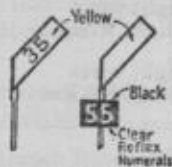
STATION ONE MILE SIGN
(See Rule 14-M)



YARD LIMIT SIGN
(See Rule 93)



**HIGHWAY GRADE CROSSING
WHISTLE SIGN**
(See Rule 14-L)



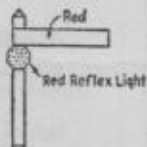
**PERMANENT SPEED
RESTRICTION SIGN**
(See Rule 10-H and
Time-table Special In-
structions, Section
No. 3)



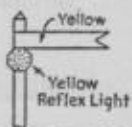
RESUME SPEED SIGN
(Used in connection with
Permanent Speed
Restriction Sign)



**RAILROAD CROSSING -
JUNCTION - DRAW BRIDGE -
ONE MILE SIGN**
(See Rule 98)



STOP SIGN
(At point where stop required
200 ft. from Railroad Crossing
or at certain other points
where stop required)



RESTRICTED SPEED SIGN
(See Definition of
Restricted Speed and
Special Instructions
supplementary to Oper-
ating Rules)



**SLOW
SIGNAL**

(To be used per chart
on page 130, Uniform
Code of Operating
Rules)

(See Rule 10-G)



**PROCEED
SIGNAL**

CAPACITY OF DIFFERENT IN ADDI WEIGHT OF ENGINE,

CLASS

NUMBER OF ENGINES	1201 to 1280	1101 to 1110	941 to 948	1051 to 1073
	Super- heated	Super- heated	Super- heated	Super- heated
Weights of Engines in Tons	149	137	105	110
Size of Cylinders	27x30	25x30	25x28	22x30
Steam Pressure	200	200	180	200
Type of Engines	Mikado	Mikado	Decapod	Consol- idated
NORTHWARD	Tons	Tons	Tons	Tons
Brownsville to Kingsville	6250	5840	6100	4960
Kingsville to Robstown	6250	5840	6100	4960
Robstown to Vanderbilt	6000	5500	5750	4650
Vanderbilt to Houston	6000	5500	5750	4650
Bloomington to Victoria				
Seadrift-Austwell to Bloomington				
Harlingen to Mission				
Mission to San Benito				
Mission to Raymondville				
Port Isabel to San Benito				
Rio Grande City to Sam Fordyce				
Sam Fordyce to Mission				
Corpus Christi to Odem	4500		3460	2750
Odem to George West	3580		3130	2550
George West to Three Rivers	3020		2570	2080
Three Rivers to San Antonio	2550		3130	2550
Freeport-Author-Hoskins				
SOUTHWARD				
Houston to Vanderbilt	6000	5500	5750	4650
Vanderbilt to Robstown	6000	5500	5750	4650
Robstown to Kingsville	6250	5840	6100	4960
Kingsville to Brownsville	6250	5840	6100	4960
Victoria to Bloomington				
Bloomington to Austwell-Seadrift				
Mission to Harlingen				
San Benito to Mission				
Raymondville to Mission				
San Benito to Port Isabel				
Mission to Rio Grande City				
San Antonio to Three Rivers			3130	2550
Three Rivers to George West			2570	2080
George West to Odem			3460	2750
Odem to Corpus Christi			3970	3240
Anchor to Hoskins				
Hoskins to Freeport				

CLASSES OF ENGINES IN TONS TION TO TENDER AND CABOOSE

OF ENGINES

1031 to 1040	1011 to 1030	311 to 360	301 to 306	371 to 384	4112 to 4114	529 to 552	607 to 614
Super- heated	Super- heated	Super- heated	Super- heated	Super- heated	Diesel	Diesel	Diesel
91	87	89	65	91	121	115	115
21x28	21x28	20x28	19x24	21x28	One	Two	Two
200	200	190	185	200	Unit	Units	Units
Consol- idated	Consol- idated	10 Wheel	10 Wheel	10 Wheel			
Tons	Tons	Tons	Tons	Tons			
4030	3860	3340	2960		4000	7500	7420
4030	3860	3340	2960		4000	6400	7420
3850	3500	3000	2550		4000	6400	7420
3850	3500	3000	2550		4000	6890	7420
2750	2500	1750	1500				
2750	2500	1750	1500				
3560	3400	2960	2620				
3180	3040	2660	2340				
2630	2510	2190	2960				
4030	3860	3340	2960				
1500	1420	1265	1075				
3560	3400	2960	2620			4900	4900
2200	2120	1860				4500	4500
2060	1970	1720				4000	4000
1680	1600	1410				4500	4500
2060	1970	1720					
		3500		5000			
3850	3500	3000	2550		4000	7500	7420
3850	3500	3000	2550		4000	6230	7420
4000	3850	3500	3000		4000	6230	7420
4000	3850	3500	3000		4000	7500	7420
3250	3000	2000	1500				
3000	2750	2000	1500				
3560	3400	2960	2620				
2630	2510	2190	1920				
2630	2510	2190	1920				
4030	3860	3340	2960				
2060	1970	1720					
1500	1420	1265	1075			4500	4500
1800	1750	1410				4000	4000
2200	2120	1860				4900	4900
2630	2510	2190				5400	5400
		5000		5000			
		3500		3500			