



**MISSOURI - KANSAS - TEXAS
OKLAHOMA, KANSAS & TEXAS
RAILROAD COMPANY**

SYSTEM TIMETABLE

No. 1

Effective 12:01 a.m.

April 24, 1983

OFFICERS

T. G. TODD, VICE PRESIDENT-OPERATION

M. L. JANOVEC, GENERAL MANAGER

O. C. PUTSCHE, GENERAL SUPT. TRANSPORTATION

DENISON, TEXAS

SYSTEM OFFICERS

P. E. Jacquinot A.V.P. - Maint. of Way & Structures..Denison
M. F. Rister A.V.P. - Mechanical.....Denison
D. D. Doyle Superintendent - Transportation.....Denison
R. N. Wagnon Chief Engineer.....Denison
O. W. Smith Asst. Chief Engineer.....Denison
W. E. Smith Engineer - Maintenance.....Denison
B. D. Phillips Engineer - Communications & Signals..Denison
E. G. Bowdre Asst. Engineer - Comm. & Signals....Denison
D. C. Joseph Supt. - Cars & Locomotives.....Denison
L. E. Gosdin Supt. - Air Eqt. & Diesel Operation..Denison
W. T. Grier Superintendent of Safety.....Denison
R. E. Lee Superintendent of Rules.....Denison
R. D. Powell Trainmaster.....Denison

MKT DIVISION OFFICERS

R. L. Clarkson Southern Division Superintendent.....Waco
J. E. Wood Northern Division Superintendent....Parsons
W. G. Campbell Division Engineer.....Parsons
W. R. Green Division Engineer.....Denison
J. F. Masters Division Engineer.....Waco
W. F. Talbott Senior Master Mechanic.....Denison
G. R. Dodds Master Mechanic.....Parsons
C. W. Lane Master Mechanic.....Waco
C. A. Cassidy Terminal Superintendent.....Houston
T. E. Cassidy Terminal Superintendent.....Ft. Worth
R. B. Doyle Terminal Superintendent.....Parsons
J. W. Hays Terminal Superintendent.....Kansas City
C. T. Massey Terminal Superintendent.....San Antonio
R. W. Robbins Terminal Superintendent.....St. Louis
J. W. Skinner Terminal Superintendent.....Denison
B. W. Streety Terminal Superintendent.....Dallas
K. E. Pfaff Asst. Terminal Superintendent.....Dallas
R. E. Auvigne Trainmaster.....Denison
J. Y. Bounds Trainmaster.....Oklahoma City
G. C. Burns Trainmaster.....Smithville
C. J. David Senior Trainmaster.....Muskogee
J. R. Davis Trainmaster.....Garland
W. T. Dearman Trainmaster.....Tulsa
L. E. Gale Trainmaster.....Waco
K. B. Graft Trainmaster.....Franklin
W. F. Popp Trainmaster.....Houston
D. E. Templeton Trainmaster.....Parsons
G. T. Duggan Assistant Trainmaster.....Denison
T. C. Burlison Road Foreman of Engines.....Waco
D. D. Hubbard Road Foreman of Engines.....Parsons
J. H. Tomhave Road Foreman of Engines.....Denison

OKT DIVISION OFFICERS

B. R. Musick Superintendent.....Enid
H. H. Lambert Assistant Superintendent.....Chickasha
D. R. Miller Trainmaster.....Wichita
J. J. Figura Division Engineer.....Enid
P. Casey Maintenance Engineer.....Chickasha
E. L. Wiard Master Mechanic.....Enid
C. W. Ivey Road Foreman of Engines.....Enid
D. E. Davis Assistant Signal Engineer.....Denison

DISPATCHERS - DENISON

H. F. Carter.....Chief Dispatcher
G. E. Canaday.....Assistant Chief Dispatcher
W. M. Kurtz.....Assistant Chief Dispatcher
T. W. Lightfoot.....Relief Chief Dispatcher
R. W. Duncan.....Night Chief Dispatcher
J. R. Nash.....Train Dispatcher
T. E. Priester.....Train Dispatcher
B. T. Stratton.....Train Dispatcher
G. W. Morgan.....Train Dispatcher
H. G. Putsche.....Train Dispatcher
J. D. VanMeter.....Train Dispatcher
B. T. Scally.....Train Dispatcher
S. K. Culbertson.....Train Dispatcher
C. P. Bailey.....Train Dispatcher
T. F. Herzog.....Train Dispatcher
M. E. Sears.....Train Dispatcher
J. R. Young.....Train Dispatcher
D. K. Short.....Train Dispatcher
W. J. Billner, Jr.....Train Dispatcher

EXPLANATION OF CHARACTERS

A - Automatic Interlocking
B - Radio Base Station
C - Connection
D - Diesel Fuel Oil
F - Radio Wayside Station
G - Gate - Normal position against M-K-T
H - Drawbridge
J - Dispatcher/Control Operator/Yardmaster Phone
M - Manual Interlocking
N - Gate - Normal position against conflicting route
O - Train Order Office
P - Track Scales
S - Stop Sign
T - Turntable or Wye
V - Automatic Switch
W - Water
X - Railroad Crossing at Grade
Y - Yard Limits
Z - Remote Control Switch

Register Stations are shown by symbol letter (R) immediately after station name.

ABBREVIATIONS IN CONNECTION WITH MKT MILE POST LOCATION

A - Coffeyville and Kansas City Subdivisions
B - Neosho Subdivision
D - Dallas and Hillsboro Subdivisions
F - DFW Subdivision
K - Denton Subdivision
M - Lockhart and San Antonio Subdivisions
P - Sherman Subdivision
S - Joplin Subdivision
U - Georgetown Subdivision
Y - Oklahoma Subdivision
Z - Tulsa Subdivision
-B - Western Subdivision

ABBREVIATIONS IN CONNECTION WITH OKT MILE POST LOCATION

L - Lawton Subdivision
S - Salina Subdivision
Y - Yukon Subdivision

MKT INDEX

NORTHERN DIVISION	PAGE	SOUTHERN DIVISION	PAGE
Cherokee Subdivision...	6-7	Dallas Subdivision....	14-15
Choctaw Subdivision....	8-9	Denton Subdivision....	27
Coffeyville Subdiv....	12	DFW Subdivision.....	16
Joplin Subdivision....	12	Fort Worth Subdiv....	18-19
Kansas City Subdiv....	4-5	Georgetown Subdiv....	25
Lincoln Subdivision....	11	Hillsboro Subdiv....	17
Neosho Subdivision....	13	Houston Subdivision...	22-23
Oklahoma Subdivision...	13	Lockhart Subdivision..	25
Omaha Subdivision....	11	San Antonio Subdiv...	24-25
St. Louis Subdiv.....	1	Sherman Subdivision...	27
Sedalia Subdivision....	2-3	Texas Subdivision....	20-21
Topeka Subdivision....	11	Western Subdivision...	26
Tulsa Subdivision.....	10	System Map.....	33

OKT INDEX

SPECIAL INSTRUCTIONS INDEX

SUBDIVISION	PAGE	PAGE
Duncan Subdivision....	30	Hazardous Materials... 43
Enid Subdivision.....	29	Hot Box & Dragging Eqt
Lawton Subdivision....	32	Detective Systems... 40
Salina Subdivision....	31	Operating Rules..... 34
Wichita Subdivision...	28	Speed Restrictions.... 38
Yukon Subdivision.....	32	Train Inspections..... 39

SAFETY IS OF THE FIRST IMPORTANCE IN THE DISCHARGE OF DUTY

ST. LOUIS SUBDIVISION

SOUTHWARD	Station Numbers	Mile Post Location	MAIN LINE STATIONS	Length Of Siding In Feet	NORTHWARD
SECOND CLASS					SECOND CLASS
1 0 1					1 0 2
DAILY					DAILY
.....	2000	0.0	ST. LOUIS.....	.....	.....
	....	3.9	3.9 NORTH MARKET.....	.....	.....
PM 7:00	2007	8.7	4.8 BADEN.....YTWDPOB	YARD	AM 5:00
7:40	2027	26.9	18.2 MACHENS (R).....Z	.....	AM 3:40
			12.3		
8:10	2039	39.2	ST. CHARLES.....	6962	3:08 AM
9:43	2078	77.9	38.7 MARTHASVILLE.....J	7043	1:35
102			47.2 HOKANE.....J	7355	101 11:39
11:39	2125	125.1	18.2 NORTH JEFFERSON.....OB	2144	10:46
12:07	2143	143.3	10.2 HARTSBURG.....	6942	10:30
AM 12:23	2154	153.5	16.0 MCBAIN.....	.....	9:53
1:00	2170	169.5	18.8 NEW FRANKLIN.....Y	.....	.....
.....	2188	188.3	0.8 FRANKLIN (R).....YTWDOB	YARD	9:00
2:00	2189	189.1			
AM			189.1		PM

ABS between MP 121.2 and MP 156.8.

FLAGGING DISTANCE—One and one-fourth miles. (See Note to Rule 99 Amended.)

MAXIMUM SPEED	MPH
MP 26.9 - MP 92.7.....	25
MP 92.7 - MP 93.0.....	10
MP 93.0 - MP 125.0.....	25
MP 125.0 - MP 156.0.....	40
MP 156.0 - MP 187.9.....	25

Between St. Louis and North Market, TRRA Rules and Special Instructions govern.

Between North Market and Machens, BN Rules, Timetable and Special Instructions govern.

Trains will report for clearance other than as required by Rule 83(a) (last paragraph):

Baden instead of Machens — Trains originating.

Trains will register at other than register stations as follows:

- Baden—Trains originating or terminating.
- Baden instead of Machens—Northward trains.
- Franklin instead of Machens—Southward trains.

Exception to Rule 83(a): Proper identification of a train, including confirmation via radio of M-K-T engine number and signals displayed on arrival Machens, if any, when moving on the BN Railway tracks between Baden and Machens, by a train restricted therefor at Machens, may be used to confirm arrival of that train at Machens.

Franklin—No track designated as Main Track between North End Yard (MP 187.9) and South End Yard (MP 189.3).

BUSINESS TRACKS	MP	STA. NO.
Bangert.....	41.6	2041
Matson.....	60.7	2061
Klondike.....	64.2	2064
Augusta.....J	66.4	2066
Treloar.....	84.8	2085
McKittrick.....	100.7	2101
Rhineland.....	104.9	2105
UE.....	119.7	2120
Tebbetts.....	131.2	2131
Easley.....	162.4	2162
Rocheport.....	178.4	2178

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS

MP	MP	MP	MP	MP
34.9	66.4	102.5	135.1	171.1

The Hot Box Detectors on the St. Louis Subdivision go through a "SYSTEM TEST" as a train or engine enters the detector circuit approximately one-half mile in advance of the detector. If all the components are functioning properly as the train approaches the detector, the display board will light up and momentarily display zeros, the two outside lights will flash yellow a few times, and then all the lights will go out.

Train inspection per ITEM 7 of Special Instructions required at Franklin for trains departing.

Restrictions on Auxiliary Tracks:

Franklin—Do not exceed 5 MPH on yard and auxiliary tracks, except on Old Main Track.

North Jefferson—Use only one (1) unit while switching industries.

SEDALIA SUBDIVISION

SOUTHWARD	Station Numbers	Mile Post Location	MAIN LINE	Length Of Siding In Feet	NORTHWARD
SECOND CLASS					SECOND CLASS
1 0 1					1 0 2
DAILY			STATIONS		DAILY
AM 2:25	2189	189.1	FRANKLIN (R).....YTWDOB	YARD	PM 5:30
.....	....	191.1	MO. RIVER BRIDGE.....H	.....	.....
2:41	2192	191.7	BOONVILLE.....CY	.....	4:41
3:17	2206	206.3	HOFFMAN.....	6303	4:05
.....	....	226.3	MO. PAC.....XA	.....	.....
.....	2227	227.1	SEDALIA.....CYWOB	.....	.....
4:16	2231	230.8	CAMPBELL.....Y	6928	3:06
			24.7		
5:16	2255	255.5	CALHOUN.....T	.....	2:06
5:40	2265	265.4	NORTH CLINTON.....TY	7942	1:42
.....	2267	266.1	CLINTON.....YWOB	.....	.....
5:55	2273	273.4	LADUE.....	4800	1:27
.....	2286	285.7	APPLETON CITY.....F	.....	.....
6:31	2288	287.9	LINDALE.....	7696	12:51
7:21	2309	309.3	WALKER.....	4282	PM 12:01
7:35	2316	316.0	TODD.....Y	9205	11:47
			0.7		
.....	....	316.7	MO. PAC.....XA	.....	.....
.....	2317	317.1	NEVADA.....CYOB	.....	.....
8:00	2331	331.2	EVE.....C	4857	11:22
.....	3338	337.3	FORT SCOTT.....YWOB	.....	.....
.....	....	337.4	BN.....CXA	.....	.....
8:19	3339	339.1	GRIFFITH.....	6878	11:03
.....	....	365.0	AT&SF.....XA	.....	.....
102 9:41	3373	372.9	ST. PAUL.....	7390	101 9:41
10:11	3384	383.5	CROSS.....Y	.....	9:00
11:30	3386	386.0	PARSONS (R).....YTWDPOB	YARD	8:45
AM			196.9		AM

MAXIMUM SPEED

MP 189.3 - MP 191.7.....	10
MP 191.7 - MP 196.0 (Northward Trains & Engines ONLY).....	10
MP 191.7 - MP 267.0.....	25
MP 267.0 - MP 274.7.....	35
MP 274.7 - MP 294.2.....	25
MP 294.2 - MP 333.0.....	40
MP 333.0 - MP 382.5.....	25
MP 382.5 - MP 385.0.....	10

Ladue Mine Lead Track (from switch leading off
Ladue Siding to MP 2).....25

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE	MPH
Nevada, through city limits.....	25

FLAGGING DISTANCE—One and one-fourth miles. (See Note to Rule 99 Amended.)

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS
MP 224.7 MP 262.9 MP 293.0 MP 329.0 MP 355.2

Exception to Rule 5: Timetable and train order restrictions apply at:

Parsons—(MP 386.0) crossover where station sign located.
Trains will register at other than register stations as follows:

Sedalia—Trains originating or terminating.
Clinton—Trains originating or terminating.
Fort Scott—Trains originating or terminating.

SEDALIA SUBDIVISION

BUSINESS TRACKS	MP	STA. NO.	NOTES
N. Boonville.....Y	190.7	2191	
Pilot Grove.....	203.4	2203	
Beaman.....	221.1	2221	
Alcolac.....Y	224.7	2225	
Greenridge.....	239.2	2239	
Windsor.....	247.8	2248	
MFA.....	262.9	2263	
Montrose.....	280.2	2280	
Rockville.....	294.5	2294	
Schell City.....	298.4	2298	
Harwood.....	303.5	2303	
Deerfield.....	326.9	2327	
Hiattville.....	351.1	3351	
Hepler.....J	358.0	3358	
Walnut.....	365.0	3365	
South Mound.....	379.5	3380	

Restrictions on Auxiliary Tracks:

Franklin—Do not exceed 5 MPH on yard and auxiliary tracks, except on Old Main Track.

Sedalia—Use only one unit while switching industries.

Train inspection per ITEM 7 of Special Instructions required at Franklin for trains departing.

Clinton—Movements on Henry County Lead must stop before entering island circuit of Highway 13 and crew member must open knife switch located in box on south side of flasher case. Know flashers are operating minimum of twenty (20) seconds before entering crossing. Knife switch must be closed after movement over crossing is completed.

Franklin—No track designated as Main Track between North End Yard (MP 187.9) and South End Yard (MP 189.3).

Parsons—No track designated as Main Track between MP A-135.0 (Kansas City Subdivision) and MP 385.0 (Sedalia Subdivision) on the North end of the yard and MP 387.1 (BN Crossing) on the South end of the yard.

Parsons (MP 386.0)—Sedalia Subdivision trains entering and leaving Parsons using Crossover (Sedalia Subdivision MP 384.05, Kansas City Subdivision MP A-134.3) must leave crossover switches lined and locked against crossover movements. East 16 Crossover from East Yard to West Yard switches lined as needed. Neosho Subdivision - Yard Lead Main Track switch lined for Yard Lead movements. Appleton Crossover switches at South End of yard lined for Cherokee Subdivision movements. East 1 Crossover switches from East Yard to Klondike (K) Yard at North end lined as needed. South Lead and Cherokee Lead Crawford Avenue Crossover switches lined as needed.

The Hot Box Detectors on the Sedalia Subdivision go through a "SYSTEM TEST" as a train or engine enters the detector circuit approximately one-half mile in advance of the detector. If all the components are functioning properly as the train approaches the detector, the display board will light up and momentarily display zeros, the two outside lights will flash yellow a few times, and then all the lights will go out.

* * * * *

OBEDIENCE TO THE RULES IS ESSENTIAL

TO SAFETY AND IS REQUIRED

* * * * *

KANSAS CITY SUBDIVISION

SOUTHWARD			Station Numbers	Mile Post Location	MAIN LINE STATIONS	Length of Siding In Feet	NORTHWARD		
SECOND CLASS							SECOND CLASS		
1 1 1	1 0 3	1 0 5					1 0 4	2 0 4	1 0 6
DAILY	DAILY	DAILY	DAILY	DAILY	DAILY				
.....	.....	.....	1000	0.0	KANSAS CITY.....	.....	.....	.....	.....
.....	.....	.....	....	2.0	29TH STREET.....	.....	.....	.....	.....
PM	PM	AM	1003	2.6	GLEN PARK.....YTWDPOB	YARD	PM	PM	PM
8:30	3:15	5:00	.....	3.9	ROSEDALE.....	.....	12:30	5:30	11:59
.....	.....	.....	.....	39.2	PAOLA (R).....YW	.....	AM	PM	PM
9:45	4:30	6:15	3043	43.1	.....	.....	10:15	3:35	9:59
.....	.....	.....	.....	43.4	MO. PAC.....XA	.....	.....	.....	.....
106	.....	.....	....	46.5	RINGER.....JYF	8640	10:08	3:28	111 9:52
9:52	4:37	6:22	3047	66.8	DUNLAY.....J	8670	9:37	2:57	9:12
10:23	5:08	6:53	3067	82.8	KINCAID.....	6375	9:13	2:33	8:48
10:47	5:32	7:17	3083	94.7	MORAN.....JF	W-6257 E-2073	8:55	2:15	8:30
11:05	5:50	7:35	3095	112.6	KIMBALL.....	6338	8:28	1:48	8:03
.....	.....	.....	.....	119.9	AT&SF.....XA	.....	.....	.....	.....
11:45	6:30	8:15	3121	120.6	ERIE.....	8352	105 8:15	1:35	7:50
12:05	6:50	8:35	3384	133.7	CROSS.....Y	.....	7:45	1:15	7:30
AM	106 7:15	9:15	3386	136.2	PARSONS (R).....YTWDPOB	YARD	7:30	1:00	103 7:15
AM	PM	AM			136.2		AM	PM	PM

ABS between MP A-42.7 and A-134.5.

FLAGGING DISTANCE—One and one-fourth miles.

MAXIMUM SPEED MPH

MP A-41.9 - MP A-43.4 (North End of Long Track to Mo. Pac. Crossing).....20
 MP A-43.4 - MP A-133.7.....40
 MP A-133.7 - MP A-135.0.....20
Except:
 Over Bridge A-70.4 (MP A-70.4).....35

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE

Erie.....25

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS

MP A-54.6 MP A-75.5 MP A-107.2

BUSINESS TRACKS MP STA. NO.

Beagle..... A- 54.6 3055
 Parker..... A- 61.6 3062
 Centerville..... A- 70.0 3070
 Elsmore..... A-103.4 3103
 Savonburg..... A-106.4 3106
 Stark..... A-110.4 3110

Northward trains enroute to Glen Park via BN Railroad trackage secure BN clearance at Parsons instead of Paola.

Exceptions to Rule 5: Timetable and train order restrictions apply at:

Paola—Crossover from MKT Main Track to BN Main Track (MP A-42.9).
 Moran—West siding.
 Parsons—(MP 386.0) crossover where station sign located.

Exception to Rule 83:

Trains will register at other than register stations as follows:

Glen Park—Trains originating or terminating.
 Glen Park instead of Paola—Northward trains.
 Parsons instead of Paola—Southward trains.

Exception to Rule 83(a):

Trains will report for clearance other than as required by Rule 83(a) (last paragraph):

Glen Park instead of Paola—Trains originating.

Proper identification of a train, including confirmation via radio of M-K-T engine number and signals displayed on arrival Paola, if any, when moving on the BN Rwy. tracks between Glen Park and Paola, by a train restricted therefor at Paola may be used to confirm the arrival of that train at Paola.

Glen Park—On Northward movement, 30th Street crossing flasher devices time out in one minute thirty seconds after approach circuit occupied. Signal will not again start operating until "Island Track Circuit" through street is occupied. Northward movements from Glen Park must approach 30th Street crossing at very slow speed to permit crossing signals to be operating before crossing is occupied by engine or cars.

NOTES

Trains and engines using Union Pacific tracks in Kansas City will be governed as follows:

MAXIMUM SPEED	MPH	MAXIMUM SPEED	MPH
On Elevator Track No. 1 between Terminal Jct. and East Switch.....	20	On Curve from East End of Elevator Track No. 1 to Kansas Avenue.....	10

Crossover switches on Eastward Yard Main Track, Westward Yard Main Track and Running Track at Terminal Junction locked for normal position. All Westward movements and Westward trains must restore and lock switches to normal position after completion of movement. Permission must be obtained from Kaw Tower Operator before using switches governing track numbers 25 and 26 or crossovers at Terminal Junction.

Within Greater Kansas City Switching Area, Greater Kansas City Area Operating Rules govern.

Between Kansas City and 29th Street, KCT Rwy. Rules and Special Instructions govern.

Between 29th Street and Paola, BN Rwy. Rules, Timetable and Special Instructions govern.

Glen Park—Car-Puller between Mill 1 and 2 Tracks (Bunge) 80 feet north of loading tipple will not clear man on side of car. Car-puller between Mill 3 and 4 Tracks (Bunge) just south of unloading tipple will not clear man on side of car.

Glen Park—Cooper's Lead will not accommodate high-wide loads and will not clear man on side of car due to close clearance at Bunge Elevator.

Paola—Track between switch to BN Main Track at North end (MP A-41.9) and crossover from M-K-T Main Track to BN Main Track (MP A-42.9) designated as "Long Track". Trains have no superiority on Long Track and trains and engines will move at Restricted Speed.

Parsons—No track designated as Main Track between MP A-135.0 (Kansas City Subdivision) and MP 385.0 (Sedalia Subdivision) on the North end of the yard and MP 387.1 (BN Crossing) on the South end of the yard.

Normal Position of Switches:

Glen Park—Cooper's Lead Yard By-Pass Track — Normal position of switches for auxiliary tracks will be lined for Cooper's Lead. Normal position of south switch will be lined for the "Inbound Track." Normal position of the north switch will be lined as used.

Glen Park—Crossover switch at Yard Office lined for Northward movements from inbound to outbound track.

Paola—Kansas City Subdivision-Long Track/Main Track switch lined for Kansas City Subdivision to Long Track movements.

Parsons (MP 386.0)—Sedalia Subdivision trains entering and leaving Parsons using Crossover (Sedalia Subdivision MP 384.05, Kansas City Subdivision MP A-134.3) must leave crossover switches lined and locked against crossover movements. East 16 Crossover from East Yard to West Yard switches lined as needed. Neosho Subdivision - Yard Lead Main Track switch lined for Yard Lead movements. Appleton Crossover switches at South End of yard lined for Cherokee Subdivision movements. East 1 Crossover switches from East Yard to Klondike (K) Yard at North end lined as needed. South Lead and Cherokee Lead Crawford Avenue Crossover switches lined as needed.

CHEROKEE SUBDIVISION

SOUTHWARD				Station Numbers	Mile Post Location	MAIN LINE STATIONS	Length Of Siding In Feet	NORTHWARD			
SECOND CLASS								SECOND CLASS			
1 4 5	1 0 3	1 0 5	1 0 1					1 0 4	1 5 4	1 0 6	1 4 6
DAILY	DAILY	DAILY	DAILY	DAILY	DAILY	DAILY	DAILY				
PM 8:55	PM 8:30	PM 12:30	AM 2:10	3386	386.0	PARSONS (R).....YTWPOB	YARD	AM 6:45	AM 11:00	PM 3:45	PM 11:15
.....	.....	.....	.....	.....	387.1	BN.....CXN	.....	.....	.....	.....	.....
9:13	8:48	12:48	2:28	3394	394.4	LABETTE.....J	10019	6:22	9:57	3:20	10:37
.....	.....	.....	.....	.....	400.8	BN.....CXA	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	3401	OSWEGO.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	409.9	MO. PAC.....CXN	.....	.....	.....	.....	.....
9:37	9:12	1:12	2:52	3410	410.2	CHETOPA.....YO	4688	5:58	9:33	2:56	10:13
146	146	.....	.....	.....	409.9	MO. PAC.....CXN	.....	.....	.....	.....	.....
9:55	9:30	1:30	3:10	4421	421.4	WELCH.....F	8108	5:40	9:15	2:38	103 145 9:55
						16.6					
10:21	9:56	1:56	3:36	4438	438.0	WINDERS.....Y	4595	5:14	8:49	2:12	8:51
.....	.....	.....	.....	.....	438.8	BN.....CXA	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	4439	VINITA.....YOB	.....	.....	.....	.....	.....
10:29	10:04	2:04	3:44	4442	442.0	KEELE.....	9000	5:06	8:41	2:04	8:43
.....	.....	106	.....	.....	4454	ADAIR.....	7557	4:47	8:22	1:23	8:24
10:48	10:23	2:23	4:03	4454	454.4	ADAIR.....	7557	4:47	8:22	1:23	8:24
.....	.....	.....	104	.....	4468	PRYOR.....YWOB	8971	4:25	8:00	1:01	8:02
11:10	10:45	2:45	4:25	4468	468.2	PRYOR.....YWOB	8971	4:25	8:00	1:01	8:02
.....	.....	.....	.....	.....	4478	MAZIE.....	4997	3:44	7:44	12:45	7:46
						10.3					
11:43	11:18	3:18	4:58	4488	488.0	WAGONER.....YO	7994	3:27	7:27	12:28	7:29
.....	.....	.....	.....	.....	488.2	MO. PAC.....CXA	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	496.0	AU JCT.....JV	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	497.4	UX JCT.....JV	.....	.....	.....	.....	.....
12:01	11:35	3:35	5:15	4499	498.6	CHASE.....JT	8345	3:10	7:10	12:11	7:12
AM	.....	.....	.....	.....	501.8	MO. PAC.....XA	.....	.....	.....	.....	PM
.....	11:45	3:45	5:25	4503	502.5	MUSKOGEE (R).....YWPOB	YARD	3:00	7:00	12:01	.....
						116.5					
	PM	PM	AM					AM	AM	PM	

ABS between MP 387.1 and MP 501.8.
 CTC between MP 387.1 and MP 394.2—Control Operator at Parsons.
 CTC between MP 498.2 and MP 501.8—Control Operator at Muskogee.

FLAGGING DISTANCE—One and one-fourth miles.

MAXIMUM SPEED MPH
 MP 387.1 - MP 501.8.....40
 Except:
 Over BN Crossing (MP 387.1).....20
 Keele, through siding and turnouts.....20
 Muskogee, Old Main Track (MP 501.8 to MP 503.9).....20

FLOOD INDICATORS
 MP 388.5 MP 413.6 MP 443.6 MP 465.0
 MP 391.0 MP 434.0 MP 455.5 MP 493.2
 MP 407.2 MP 440.2 MP 460.2

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE MPH

Welch, through city limits.....25
 Vinita, through city limits.....30
 Pryor, through city limits.....25
 Chouteau, through city limits.....25
 Wagoner, through city limits.....25
 Muskogee, through city limits.....25

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS

MP 416.1 MP 446.9 MP 477.9

BUSINESS TRACKS MP STA. NO.

Burkdoll..... 408.1 3408
 Leon..... 420.0 4420
 Big Cabin..... 446.8 4447
 Chouteau..... 472.2 4472
 LaBarge..... 486.8 4487

CHEROKEE SUBDIVISION

Train inspection per ITEM 7 of Special Instructions required at Muskogee for trains departing and at Mazie for trains heading through the siding.

Exception to Rule 83(a) (last paragraph): Regular trains may leave their initial station without clearance at:
Chase—No. 146.

Trains will register at other than register stations as follows:

Chase—Trains originating and terminating will register their arrival and departure verbally via radio or telephone with the Operator at Muskogee in lieu of register ticket. Train Register for Chase will be maintained in Muskogee.

Exception to Rule 221(a):

Keele—Display of "Calling On" indication (Rule 231) of Train Order Signal, Vinita, will authorize a train restricted at Keele to move on Main Track to Vinita station for train orders.

Parsons—Southward movements on Joy Track and all movements on House tracks at Parsons must approach Crawford Avenue at a speed not exceeding 5 MPH and must not occupy crossing until it is known flashers and gates are operating. Movements over Crawford Avenue on O. E. Wood Spur Track must be protected by a member of crew on the ground.

Parsons—No track designated as Main Track between MP A-135.0 (Kansas City Subdivision) and MP 385.0 (Sedalia Subdivision) on the North end of the yard and MP 387.1 (BN Crossing) on the South end of the yard.

Muskogee—No track designated as Main Track between Mo. Pac. Crossing (MP 501.8) and BN Crossing (MP 503.9).

Movements by signal indication CTC (Rules 400-404):

Labette—Between MP 387.1 (BN Crossing) and North switch siding, Labette (MP 394.2), clear (green aspect) displayed on Signal 3960 South end siding, Labette, authorizes Northward movements to proceed on Main Track to North siding switch, ahead of or against superior trains.

Chase—Northward trains receiving stop indication on Absolute Signal at South entrance to CTC (Chase) will take siding when instructed to do so by Control Operator.

Wagoner—Movements on siding must approach Prestolite crossing not exceeding 5 MPH. and must not occupy crossing until known that flashers and gates are operating. When train is separated to open crossing, "Island Circuit" must be cleared 200 feet each side as identified by yellow marks on cross ties. Southbound trains stopping for stop signal at Mo. Pac. Crossing (MP 488.2) must stop North of Cherokee Street.

Welch—Movements in siding approaching the Highway 10 crossing, must STOP after entering the "Island Circuit" (identified by yellow insulated joints on both sides of the crossing) and must wait 26 seconds before occupying the crossing. If a train is being delayed in the siding to be met or passed by another train or trains, the train must not occupy the "Island Circuit" until it is ready to depart except to cut the crossing when necessary due to the length of the train. When necessary to cut crossing the "Island Circuit" must be cleared when practicable.

Operation of Railroad Crossing and Interlocking Devices, and Mechanical Electrically Locked Switches:

Chase—North and South siding switches and North Wye switch equipped with Mechanical Electric Lock. Trains and engines in siding or on North Wye track must remain back of "Fouling Point" until switch is unlocked and reversed. To operate mechanical electric lock switch, unlock and remove switch lock from switch. If siding switches do not unlock after 3 minutes 12 seconds and Wye switch after 5 minutes, unlock telephone box and be governed by instructions posted therein. To move from siding to Main Track or from North Wye track to Main Track, before unlocking mechanical electric lock and reversing switch, permission must be secured from Control Operator at Muskogee.

AU Jct. and UX Jct.—When Absolute Signal entering joint track displays Stop indication, member of crew will

proceed to release box located on building at switch. After opening release box, if indicator light is illuminated, operate push button and hold 5 seconds before releasing. If indicator light is not illuminated, must wait 5 minutes; then, if there is no conflicting movement evident, operate push button, hold for 5 seconds before releasing, and wait 5 minutes for release time to expire. After release time has expired, if Absolute Signal continues to display Stop indication, member of crew will examine switch per Rule 104(c) and place in hand position. After placing switch in hand position, engine will be moved beyond Absolute Signal. Before occupying switch, the switch will be restored to Power position and train or engine will proceed at Low Speed to next signal. When Absolute Signal leaving joint track displays Stop indication, member of crew will examine switch per Rule 104(c) and place in hand position. After placing switch in hand position, engine will be moved beyond Absolute Signal. Before occupying switch, the switch will be restored to Power position and train or engine will proceed at Low Speed to next signal.

Leon—Lookout for close clearance on business track. Pulleys will not clear man on west side of car.

Vinita—Cars left on East Connection must not be left East of insulated joint 45 feet West of Second Street.

Pryor—Conductors and Engineers handling unit coal trains from Parsons to Pryor and returning to Parsons must retain all train orders and clearances held by their crew which are still in effect and deliver them per Rule 220 and/or Rule 220 Supplement.

Pryor—To avoid unnecessary blocking of Highway 69 at Pryor, Northward trains on GRDA Lead Track must remain back of fouling point on Highway 69 until it has been ascertained that clearance and orders for movement beyond Pryor are ready to be delivered.

Pryor—Industrial Area Restrictions:

GRDA Area: Do not exceed 5 MPH on GRDA Lead Track East and South of the "Water Tower Crossing." Within the GRDA Area, fuseses must not be used for giving hand signals except in an emergency, and when used, they must not be dropped or thrown to extinguish.

Georgia Pacific Co. (Bestwall Div.): There are two red lights on the southwest corner of the building. When one or both of these lights are illuminated, a lift bridge is obstructing Track 1. Do not couple into or move cars on Track 1 until the lift bridge has been raised. Red light on Track 2 when illuminated indicates that door to building is closed.

Midwest Carbide Co.: Derails, secured with Midwest Carbide Co. locks, are in place on the West end of Tracks 1 and 2, and must be unlocked by Midwest Carbide employees only.

National Gypsum Co.: There are derails on Tracks 1 and 2 and a lift bridge which obstructs Track 2 when it is in use. Semaphore signals display Stop when the derails and lift bridge are on. Movement must not be made into these tracks when the signals display Stop. National Gypsum personnel only are authorized to operate the derails and signals.

Normal Position of Switches:

Parsons (MP 386.0)—Sedalia Subdivision trains entering and leaving Parsons using Crossover (Sedalia Subdivision MP 384.05, Kansas City Subdivision MP A-134.3) must leave crossover switches lined and locked against crossover movements. East 16 Crossover from East Yard to West Yard switches lined as needed. Neosho Subdivision - Yard Lead Main Track switch lined for Yard Lead movements. Appleton Crossover switches at South End of yard lined for Cherokee Subdivision movements. East 1 Crossover switches from East Yard to Klondike (K) Yard at North end lined as needed. South Lead and Cherokee Lead Crawford Avenue Crossover switches lined as needed.

Chase—Main track switches must be left lined for Cherokee Subdivision movements. Tulsa Subdivision Wye track Main track switch must be left lined for North Wye movements.

CHOCTAW SUBDIVISION

SOUTHWARD			Station Numbers	Mile Post Location	MAIN LINE STATIONS	Length Of Siding In Feet	NORTHWARD		
SECOND CLASS							SECOND CLASS		
1 0 3	1 0 5	1 0 1					1 5 4	1 0 6	1 0 4
DAILY	DAILY	DAILY	DAILY	DAILY	DAILY				
PM 11:50	PM 3:55	AM 5:35	4503	502.5	MUSKOGEE (R).....YWPOB	YARD	AM 10:00	AM 11:55	AM 2:50
.....	.....	.....	....	503.9	BN.....CXN	....	.....	.....	.....
12:33	4:38	6:18	4525	524.8	CHECOTAH.....O	11040	8:58	11:12	2:03
AM 104 1:18	5:23	7:03	4547	547.2	CANADIAN.....	10191	8:13	10:27	AM 103 1:18
1:53	5:58	7:38	4564	564.2	NORTH McALESTER.....YTWDPOB	11043	7:38	9:52	11:35
.....	.....	.....	....	565.9	MKT.....CXA	....	.....	.....	.....
.....	.....	.....	4566	566.0	McALESTER.....Y	....	.....	.....	.....
2:12	6:17	7:57	4573	573.1	NAVY.....Y	4914	7:06	9:33	11:16
2:30	6:35	8:15	4583	582.8	KIOWA.....J	7574	6:48	9:15	10:58
2:47	6:52	8:32	4594	594.0	BURG.....	7715	6:31	8:58	10:41
3:00	7:05	8:45	4603	602.6	STRINGTOWN.....	9343	6:18	8:45	10:28
3:11	7:16	8:56	4610	609.6	ATOKA.....JF	7570	6:07	8:02	10:17
3:42	7:47	9:27	4630	630.2	CADDO.....	8911	5:36	7:31	9:46
.....	.....	.....	....	641.0	KO&G JCT.....JYZ	....	.....	.....	.....
3:59	8:04	9:44	4641	641.4	DURANT.....YCOB	9635	5:19	7:14	9:29
.....	.....	.....	....	641.4	BN.....XA	....	.....	.....	.....
4:11	8:16	9:56	4649	649.1	OLIVE.....	10092	5:07	7:02	9:17
.....	.....	.....	....	655.9	BN NORTH JCT.....JZM	....	.....	.....	.....
.....	.....	.....	....	656.2	BN SOUTH JCT.....JZM	....	.....	.....	.....
.....	.....	.....	....	657.2	JOE JCT.....JZM	....	.....	.....	.....
AM 154 4:35	AM 104 8:45	AM 10:30	5664	661.9	RAY (R).....YTWDPOB	YARD	AM 103 4:35	AM 105 6:30	AM 105 8:45
AM	PM	AM			159.4		AM	AM	PM

ABS between MP 503.9 and MP 660.2.

FLAGGING DISTANCE—One and one-fourth miles.

MAXIMUM SPEED	MPH
MP 503.9 - MP 513.0.....	40
MP 513.0 - MP 579.1.....	30
MP 579.1 - MP 653.9.....	40
MP 653.9 - MP 660.5.....	25

Except:
 Olive, through siding and turnouts.....20
 Muskogee, Old Main Track (MP 501.8 to MP 503.9).....20

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE	MPH
Muskogee, through city limits.....	25
North McAlester, over Stonewall Avenue.....	20
McAlester, through city limits.....	25
Durant, through city limits.....	40

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS	MP		
MP 529.8	MP 557.5	MP 588.3	MP 630.6

BUSINESS TRACKS	MP	STA. NO.
Eufaula.....	F 538.1	4538
Caney.....	621.6	4621
Calera.....	646.4	4646
Excess.....	656.7	5657

FLOOD INDICATORS	MP			
MP 518.1	MP 519.4	MP 521.8	MP 612.4	MP 638.0

Train inspection per ITEM 7 of Special Instructions required for trains departing Muskogee and at Caddo for trains heading through the siding.

Trains and engines entering interlocking limits of manually controlled interlocking between MP 655 Pole 24 and MP 657 Pole 14 between Ray and Olive are governed by signal indication per Rules 281, 285 and 292. Movement must not be made past a block signal displaying indication per Rules 283 or 288 unless enroute to the Burlington Northern Railroad.

Trains will report for clearance other than as required by Rule 83(a) (last paragraph):

Durant—Northward Mo. Pac. trains, when train order signal displays "Stop, Unless Clearance Received" indication, secure Mo. Pac. clearance.

Joe Jct.—Northward MKT trains originating secure clearance at Ray.

Muskogee—No track designated as Main Track between Mo. Pac. Crossing (MP 501.8) and BN Crossing (MP 503.9).

Checotah and Canadian—Southward trains. Canadian and North McAlester—Northward trains. Trains on Main Track or siding, to meet opposing trains or be passed, remain 600 feet back of leaving signal until such train has arrived or departed, then will occupy the 600-ft. section to receive clear signal for departure. Trains in siding, passing train on Main Track, will be delayed after moving into the 600 ft. section for elapse of change-over time for the governing signal to clear.

North McAlester—When making switch movements from Scale Track to Main Track and West lead to siding at North McAlester (MP 565.4), movement must not be made over Monroe Street until gates are down and flashers are operating unless protected by member of crew.

McAlester—Engines or cars weighing 200,000 pounds or more must not move over private industry scales McAlester Oil Mill.

Stringtown—When quarry is not operating, gate across quarry track by scale house is closed.

Cars or train must not be left standing on "Island Circuit" of road crossing near Ethan Allen Spur (MP 607.0). Yellow marking on cross tie each side of crossing denotes limits of circuit.

Atoka—Northward trains holding Main Track at meeting point remain back of "Fouling Point" sign until opposing train is entering siding.

KO&G Jct.—When Absolute Signal at KO&G Jct. displays Proceed indication, southward Mo. Pac movements may move from KO&G Jct. to train order signal Durant at Restricted Speed to receive train orders authorizing their movement. Operator Durant will not cause southward Absolute Signal at KO&G Jct. to display Proceed indication until authorized by Train Dispatcher.

Durant—Movements over public crossings on all auxiliary tracks except the siding must be protected by a crew member on the ground at the crossing until the crossing is occupied.

Ray—No track designated as Main Track between the Choctaw Subdivision Wye Track and Dallas Jct. switches at the North end of the yard, and the South Lead Track switch at the South end of the yard.

Ray—High switch North end New 3 Track must be lined and locked for Dallas Subdivision movements when not in use. South switch of Choctaw crossover must be lined for Dallas Subdivision movements when not in use.

* * * * *

SUGGESTIONS FROM EMPLOYEES INTENDED TO PROMOTE SAFETY, ECONOMY, OR IMPROVE SERVICE, ARE SOLICITED AND WILL RECEIVE CONSIDERATION.

* * * * *

TULSA SUBDIVISION

SOUTHWARD		Station Numbers	Mile Post Location	MAIN LINE		Length Of Siding In Feet	NORTHWARD	
SECOND CLASS				STATIONS			SECOND CLASS	
1 4 5							1 4 6	
DAILY							DAILY	
AM 12:01	4499	324.8	CHASE.....	JYT	....	PM 7:12		
.....	4901	324.0	WYBARK.....	Y	1500	.....	
1:22	4933	291.8	BROKEN ARROW.....		2850	5:52		
2:00	.....	287.2	TYO (R).....	TDOB	....	5:30		
AM .....	.....	278.3	BN.....	CXA	....	PM		
.....	.....	278.2	SSI.....	XS	....	.....
.....	4947	277.7	TULSA.....	W	YARD	.....	
.....	4954	270.8	SAND SPRINGS.....		....	.....
			54.0					

FLAGGING DISTANCE—Three-fourths mile.

NOTES

MAXIMUM SPEED MPH
 MP Z-324.8 - MP Z-290.0.....25
 MP Z-290.0 - MP Z-270.8.....10

Exception to Rule 83(a) (last paragraph): Regular Trains may leave their initial station without clearance at the following points:
 Chase—No. 145.

Chase—Main track switches must be left lined for Cherokee Subdivision movements. Wye track Main Track switch must be left lined for North Wye track movements.

BUSINESS TRACKS	MP	STA. NO.
Alsuma.....	Z-286.8	4938
Oneta.....	Z-296.9	4927
Coweta.....	Z-303.6	4921
Patch.....	Z-311.6	4914
Porter.....	Z-313.3	4912
Anchor.....	Z-319.8	4906

Between Mile Post Z-290.0 and Sand Springs (MP Z-270.8), Rule 94 is in effect.

Northward movements approaching Garnett Road on the three tracks in the "Auto Convoy Yard" must not exceed 5 MPH until ascertained that flashers have been actuated before proceeding over crossing.

Restrictions on Auxiliary Tracks:

Tulsa—Movements on side track over Third Street (MP Z-278.2) must occupy "island circuit"; know gates are down and lights are flashing 20 seconds; and then movement may proceed over crossing.

Tulsa—Movements on auxiliary tracks crossing Rockford Avenue (MP Z-279.25) and Quincy Avenue (MP Z-279.15) must occupy circuit within 30 feet of crossing identified by ties painted yellow; know flashers are working and gates are down for 20 seconds, and then movement may proceed over crossing.

OMAHA SUBDIVISION

NOTES

Station Numbers	Mile Post Location	MAIN LINE STATIONS		Siding Length In Feet
		SOUTH ↓	NORTH ↑	
1600	0.0	COUNCIL BLUFFS.....		YARD
			6.4	
1606	6.4	SOUTH OMAHA.....		YARD
....	473.1	GILMORE JCT.....	4.5	....
			25.7	
1637	447.4	UNION.....		....
			116.7	
1754	330.7	ATCHISON.....		YARD
....	287.5	EDGEWATER JCT.....	43.2	....
			7.5	
1003	.....	GLEN PARK.....YTWDPOB		YARD
			204.0	

Within Greater Kansas City Switching Area, Greater Kansas City Area Operating Rules govern.

Between Highline Connection (Mo. Pac. MP 282.5) and Gilmore Jct., Mo. Pac. RR Rules, Timetable and Special Instructions govern.

Between Gilmore Jct. and Council Bluffs, UP Railroad Rules, Bridge Subdivision Tenant Line Rules, Timetable and Special Instructions govern.

LINCOLN SUBDIVISION

Station Numbers	Mile Post Location	MAIN LINE STATIONS		Siding Length In Feet
		WEST ↓	EAST ↑	
1637	447.4	UNION.....		....
....	460.4	WEeping WATER.....	13.0	YARD
....	494.2	OL&B JCT.....	33.8	YARD
			0.9	
1948	495.1	LINCOLN.....		....
			47.7	

Between Union and Lincoln, Mo. Pac. RR Rules, Timetable and Special Instructions govern.

TOPEKA SUBDIVISION

Station Numbers	Mile Post Location	MAIN LINE STATIONS		Siding Length In Feet
		WEST ↓	EAST ↑	
1003	.....	GLEN PARK.....YTWDPOB		YARD
....	3.3	TERMINAL JCT.....	2.8	....
			64.7	
1867	68.0	TOPEKA.....		YARD
			67.5	

Within Greater Kansas City Switching Area, Greater Kansas City Area Operating Rules govern.

Between Terminal Jct. and Topeka, UP RR Rules, Timetable and Special Instructions govern.

JOPLIN SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet
		SOUTH ↓ STATIONS	NORTH ↑	
....	400.8	OSWEGO.....	CXA	....
		17.6		
3925	419.1	COLUMBUS.....	CY	YARD
		8.7		
3931	427.8	CRAIN.....		493
		1.5		
3933	429.3	MILITARY.....	YT	1350
		2.2		
....	431.5	BN.....	XN	....
		0.6		
3938	432.1	GALENA.....	CO	1494
		1.8		
2940	433.9	HORN.....		....
		0.3		
....	434.2	END OF TRACK.....		....
		32.7		

FLAGGING DISTANCE—Three-fourths mile.

MAXIMUM SPEED MPH

MP S-419.1 — MP S-433.4.....25
 MP S-433.4 — MP S-434.2.....10

Between Oswego and Columbus, BN Rules, Timetable and Special Instructions govern.

Between Galena (MP S-432.1) and End of Track (MP S-434.2), Rule 94 is in effect.

Trains originating or terminating Galena will register their arrival and departure in register book at Galena.

EMPLOYEES MUST RENDER EVERY ASSISTANCE IN THEIR POWER IN CARRYING OUT THE RULES AND INSTRUCTIONS. COURTEOUS COOPERATION BETWEEN EMPLOYEES IS REQUIRED FOR PROPER FUNCTIONING UNDER THE RULES AND INSTRUCTIONS.

COFFEYVILLE SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet
		SOUTH ↓ STATIONS	NORTH ↑	
3410	410.2	CHETOPA.....	YO	4688
		29.8		
3168	168.4	COFFEYVILLE.....	CTWOB	YARD
		0.3		
3169	168.7	EVANS.....		3236
		2.2		
....	170.9	MO. PAC.....	XA	....
		12.0		
4183	182.9	WANN.....		....
		10.8		
4194	193.7	DEWEY.....		....
		0.8		
....	194.5	DY JCT.....		....
		3.2		
4198	197.7	BARTLESVILLE.....	CP	YARD
		0.5		
....	198.2	BE JCT.....		....
		0.5		
4199	198.7	SUTTON.....		YARD
		1.3		
....	200.0	END OF TRACK.....		....
		61.4		

FLAGGING DISTANCE—Three-fourths mile.

MAXIMUM SPEED MPH
 MP A-166.0 - MP A-194.5.....10
 MP A-198.2 - MP A-200.0.....10

CLEARANCE REQUIREMENTS

Trains originating Chetopa, secure clearance at Parsons; Coffeyville, secure clearance at Coffeyville.

Between Coffeyville and DY Jct. and between BE Jct. and End of Track, Rule 94 is in effect.

Evans—No track designated as Main Track between MP A-166.0 and MP A-169.1.

Coffeyville—Railroad Crossings:

AT&SF (MP A-167.2).....XN
 Mo. Pac. (MP A-168.3).....XS

Between Chetopa and Coffeyville, Mo. Pac. RR Timetable and Special Instructions govern.

Between DY Jct. and BE Jct., AT&SF Rwy. Rules, Timetable and Special Instructions govern.

BE Jct.—MKT/AT&SF Main Track switch must be left lined for AT&SF movements.

Between DY Jct. and BE Jct., AT&SF Rule 94 is in effect.

MKT train(s) will contact AT&SF dispatcher, using phone near switch, for permission to occupy AT&SF Main Track at DY Jct. and BE Jct., and will notify AT&SF dispatcher when train(s) clear AT&SF Main Track at DY Jct. and BE Jct.

AT&SF Operating Rule 94 reads: "Between designated points specified in timetable, trains and engines may use main tracks in either direction but must move at a speed that will permit stopping within half the range of vision, but not exceeding 20 MPH, not protecting against other trains or engines. Within these limits, trains and engines are not required to clear first class or superior trains, but must give way to them as soon as possible upon their approach."

Sutton—Crossing flashers at State Highway 123, MP A-199.55, are now activated only after a train or engine occupies the "Island Circuit" which is identified by yellow paint on the ties. Movements over this crossing must occupy the Island Circuit and ascertain that the flashers are operating for 23 seconds before occupying the crossing.

OKLAHOMA SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet
		WEST ↓	EAST ↑	
STATIONS				
....	0.0	NORTH McALESTER (R).....Y		YARD
		1.7		
0366	366.4	McALESTER.....Y		YARD
....	366.4	MKT.....XA		....
		11.0		
0377	377.4	HAYWOOD.....		3845
		9.1		
0387	386.5	STUART.....		4080
		4.6		
0391	391.1	HILLTOP.....		2239
		5.2		
....	396.3	MoPac.....XA		....
		0.9		
0397	397.2	CALVIN.....		4486
		13.5		
....	410.7	BN.....XA		....
		0.3		
0411	411.0	HOLDENVILLE.....W		3600
		7.7		
0419	418.7	WEWOKA.....		2400
		6.3		
0425	425.0	LIMA.....		5635
		6.2		
0431	431.2	SEMINOLE.....W		2692
		4.6		
0436	435.8	TRACY.....		4050
		10.1		
....	445.9	OCA JCT.....Y		....
		3.0		
0449	448.9	SHAWNEE (R).....TYWO		3700
		8.1		
0457	457.0	DALE.....		4588
		9.1		
0466	466.1	HARRAH.....		4613
		6.5		
0472	472.6	CHOCTAW.....		....
		9.9		
....	482.5	BN.....XA		....
		0.5		
0483	483.0	MIDWEST.....Y		....
		1.1		
....	484.1	MKT.....XN		....
		1.4		
....	485.5	AT&SF JCT.....Y		....
		0.1		
....	485.6	MKT.....XN		....
0486	485.6	HARTER (R).....YTWDOB		YARD
		120.9		

FLAGGING DISTANCE — Three-fourths mile.

MAXIMUM SPEED MPH

MP Y-365.0 — MP Y-397.1.....25
 MP Y-397.1 — MP Y-398.3.....10
 MP Y-398.3 — MP Y-484.0.....25
 MP Y-484.0 — MP Y-485.6.....10

Except:
 MoPac Crossing (MP Y-396.3) (Engine only).....10
 BN Crossing (MP Y-410.7) (Engine only).....10
 63rd Street and 'H' Track over Reno Avenue...Flag Crossing

BUSINESS TRACKS MP STA NO.

Nu Metals..... Y-417.4 0417
 Brick..... Y-422.0 0422
 Haliburton..... Y-427.8 0429
 Huey..... Y-467.3 0467
 Goodner..... Y-481.5 0482

OKLAHOMA SUBDIVISION

Train inspection per ITEM 7 of Special Instructions required for trains between Seminole and Shawnee as follows:
 Westward trains—Before departing Shawnee.
 Eastward trains—Before departing Seminole.

DO NOT EXCEED 5 MPH on any track other than the Main Track.

Exception to Rule 83: MKT trains need not register at Shawnee unless directed by train order.

Haywood—TOFC Ramp will not clear man on side of car.

Shawnee—Use only one (1) unit while switching Waldo Elevator and S&S Feed.

Shawnee—All tracks serving Shawnee Mill from Bell Street west have close clearance and will not clear a man on sides or top of cars.

Shawnee—Cars must not be left on fouling point Farrell Avenue, MP Y-447.9, on Mill Spur Track. Fouling point marked by orange-colored boards attached to ties.

Shawnee—No. 5 Yard Track is designated as siding. West siding switch located at MP Y-449 Pole 19; East siding switch located at MP Y-448 Pole 33.

Harter—High TOFC cars will not clear Walnut Street viaduct when switching on K-83 Ramp track. Ralston Purina Co. track scales not equipped with dead rails; engines are not permitted on this scale.

IN CASE OF DOUBT OR UNCERTAINTY,

THE SAFE COURSE MUST BE TAKEN.

NEOSHO SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet
		SOUTH ↓	NORTH ↑	
STATIONS				
....	27.8	End of Track.....Y		....
		0.7		
....	27.1	AT&SF.....XG		....
		0.9		
3526	26.2	CHANUTE.....CY		2130
		2.2		
....	24.0	AT&SF.....XG		....
		13.2		
3511	10.8	GALESBURG.....		850
		10.2		
3386	0.6	PARSONS (R).....YTWDPOB		YARD
		27.2		

FLAGGING DISTANCE — Three-fourths mile.

MAXIMUM SPEED MPH

Between Parsons and MP B-27.8.....25
 Parsons—Yard Lead Main Track switch must be left lined for Yard Lead movements.

DALLAS SUBDIVISION

SOUTHWARD		Station Numbers	Mile Post Location	MAIN LINE		Length Of siding In Feet	NORTHWARD	
SECOND CLASS				STATIONS			SECOND CLASS	
1 0 1							1 5 4	
DAILY							DAILY	
AM	11:00	5664	661.9	RAY (R).....YTWDPOB	YARD	PM	9:30	
	.....	.....	658.3	DALLAS JCT.....Y	.....	.....	.....
	.....	.....	658.8	CONWAY.....Y	1322	.....	.....
	.....	.....	659.6	SHERMAN JCT.....JY	.....	.....	.....
	11:23	.....	660.7	McCUNE.....JYZ	.....	.....	8:14
	.....	.....	661.2	S. P.....XA	.....	.....	.....
	11:52	5008	668.7	PENLAND.....	5885	.....	7:45
	.....	.....	674.3	MO. PAC.....XA	.....	.....	.....
	12:39	5027	688.1	TRENTON.....	4927	.....	6:57
	.....	.....	.....	13.2	.....	.....	.....
PM	.....	.....	701.3	AT&SF.....JXA	.....	.....	.....
	1:31	5052	713.0	GREENVILLE.....YOB	.....	.....	6:03
	.....	5053	714.0	HUNT.....CYB	.....	.....	.....
	.....	.....	714.3	STLSW.....XA	.....	.....	.....
	1:37	5055	715.6	MELTON.....Y	6116	.....	5:57
	.....	.....	.....	23.1	.....	.....	.....
	2:18	5078	738.7	ROCKWALL.....	4937	.....	5:16
	2:40	5089	750.0	ELLIS.....Y	4649	.....	4:54
	.....	.....	750.8	AT&SF.....CXA	.....	.....	.....
	2:43	5090	750.9	GARLAND.....YOB	2908	.....	4:51
	2:48	5092	752.9	KREM.....Y	4906	.....	4:46
	2:52	5093	754.1	BETHARD.....Y	2625	.....	4:42
	3:14	5101	761.4	ATKINS.....Y	4915	.....	4:20
	.....	.....	766.2	DENY.....Y	.....	.....	.....
	154 4:00	5106	766.9	DALLAS (R).....YTWDPOB	YARD	.....	101 4:00
PM	.....	.....	.....	110.1	.....	.....	PM

ABS between MP D-658.3 (Dallas Jct.) and MP D-750.4.
 ABS between MP D-756.1 and MP D-765.5.
 CTC between MP D-658.3 (Dallas Jct.) and MP D-661.2 (S.P. Crossing) — Control Operator at Ray.

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE MPH
 Rockwall, through city limits.....20
 Dallas, through city limits.....20
 Dallas, over Cole St., Knox St., Airline Road,
 Mockingbird Lane, and McKinney St.....10

FLAGGING DISTANCE—One and one-fourth miles. (See Note to Rule 99 Amended.)

MAXIMUM SPEED	MPH
MP D-658.3 - MP D-662.0.....	10
MP D-662.0 - MP D-674.3.....	25
MP D-674.3 - MP D-712.5.....	35
MP D-712.5 - MP D-714.0.....	20
MP D-714.0 - MP D-740.3.....	35
MP D-740.3 - MP D-745.5.....	40
MP D-745.5 - MP D-761.4.....	25
MP D-761.4 - MP D-765.5.....	20

BUSINESS TRACKS	MP	STA. NO.
Denison.....CYB	D-660.9	5661
Bells.....	D-674.3	5013
Whitewright.....	D-681.3	5020
Caddo Mills.....	D-721.6	5061
Royse City.....	D-730.3	5069
Thomas.....	D-731.6	5071
Rowlett.....	D-746.5	5086

FLOOD INDICATORS			
MP D-667.1	MP D-724.6	MP D-732.3	MP D-748.2
MP D-669.5	MP D-729.0	MP D-733.3	MP D-758.5

Exception to Rule 5: Timetable or train order restrictions apply at:
Dallas — Deny.

NOTES

Train inspection per ITEM 7 of Special Instructions required for trains departing Melton.

Greenville—Trains and engines will approach MP D-713.6 and MP D-713.7 expecting to find Main Track switches lined against Main Track movements and will not operate over street crossings during the following hours except by special authority:

Monday through Saturday

- 7:00 AM to 7:15 AM
- 7:45 AM to 8:15 AM
- 11:45 AM to 12:15 PM
- 12:45 PM to 1:00 PM
- 4:45 PM to 5:15 PM

Sunday

- 11:45 AM to 12:15 PM

Northward trains holding Main Track at meeting point Melton remain back of "Fouling Point" sign until opposing train is entering siding.

Southward movements from siding Melton, if block indicator indicates "Block Clear," must open switch and wait 2 minutes to receive "Proceed" indication on leaving signal.

Normal Position of Switches:

Ray—High switch North end New 3 Track lined and locked for Dallas Subdivision movements. South switch of Choctaw crossover lined for Dallas Subdivision movements.

Dallas Jct.—Wye Track switch lined for Dallas Subdivision movements.

Sherman Jct.—Dallas/Sherman Subdivision spring switch lined for Dallas Subdivision movements.

Deny—Dallas/Denton Subdivision Main Track switch lined for Dallas Subdivision movements.

Yards Not Having a Designated Main Track:

Ray—No track designated as Main Track between the Choctaw Subdivision Wye Track and Dallas Jct. switches at the North End of the yard, and the South Lead Track switch at the South End of the yard.

Dallas—No. track designated as Main Track between North End Yard (MP D-765.5) and South End Yard (MP D-766.9).

Restrictions on Auxiliary Tracks:

Conway—Overhead vents over Tracks "C" and "D" restrict vertical clearance to 16 feet and cars which exceed 16 feet in height must not be moved into the Safeway Warehouse.

Denison—Main Street Crossing; do not approach exceeding 5 MPH and crossing must not be occupied without protection by member of crew on the ground.

Krem—Movements on Krem Siding over Shiloh Road, Forest Lane and International Road must occupy circuit within thirty (30) feet of crossing identified by ties painted yellow; wait twenty-five (25) seconds to cause flashers to be actuated; and then movement may proceed over crossing.

Dallas—Movement from Dr. Pepper Spur over Mockingbird Lane (MP D-762.16) must occupy circuit within thirty (30) feet of crossing identified by ties painted orange; know flashers have been actuated a minimum of twenty (20) seconds; then movement may proceed over crossing.

THE PUBLIC JUDGES A RAILROAD BY
THE APPEARANCE AND CONDUCT OF ITS EMPLOYEES,
QUALITY OF SERVICE AND CONDITION OF THE PROPERTY.

DFW SUBDIVISION

DFW SUBDIVISION

Station Numbers	Mile Post Location	MAIN LINE		Length OF Siding In Feet	Other Tracks Length In Feet
		SOUTH ↓ STATIONS	NORTH ↑		
....	....	NEY (R).....	YTWDPOB	....	YARD
....	....	MOPAC JCT (17th St).....	Y	....	....
....	....	6TH ST JCT.....	YZ	....	....
....	612.2	DALWOR JCT.....	JZ	....	....
9614	613.5	SYLVANIA.....	J	4728	YARD
9622	621.6	HURST.....	J	4983	2244
9627	627.2	TARRANT.....	J	10000	903
9998	628.4	DOROTHY(Great Southwest)....	CJ	....	1206
....	634.6	N.C. JCT.....	J	....	....
9635	634.7	IRVING.....	CJ	4645	7103
....	634.9	S.C. JCT.....	J	....	....
9639	639.0	MOCKINGBIRD.....	J	7429	YARD
....	642.5	DALLAS JCT.....	J	....	YARD
....	643.8	NORTH JCT.....	J	....	....
		33.7			

Clearance Requirements

BN trains originating N.C. Jct. or S.C. Jct. must secure clearance at BN Irving Station.

Southward BN trains must secure MKT clearance at BN North Yard, Ft. Worth.

Northward BN trains must secure MKT clearance at South Tower.

Irving

Trains and engines will not stop and block the following street crossings between the hours of 7:30 a.m. and 8:30 a.m. and between 5:00 p.m. and 6:00 p.m., Monday through Friday, except for national holidays:

Belt Line Road	Gauwyler Road
Story Road	Northgate Drive
South Brittain Road	Pioneer Road
Nursery Road	Carl Road

Between MP F-643.8 and AT&SF (Tower 19), Right-Of-Way District Rules and Special Instructions govern.

Hand operated switch and connecting track (Kelley Lead) at the North end of Cadiz Street Yard must not be used until permission has been obtained from Control Operator.

Engines and cars exceeding 17 feet 6 inches high, when using Kelley Lead Track, must not pass under Houston Street viaduct. Trains using this route will be governed by Uniform Code of Operating Rules, Rule 105 Amended.

FLAGGING DISTANCE.....1-1/4 Miles

MAXIMUM SPEED

Between Purina Jct., Dalwor Jct and 6th St. Jct.....10
 MP F-612 Pole 7 - MP F-614 Pole 6 (Beach Street).....20
 MP F-614 Pole 6 - MP F-621 Pole 22.....30
 MP F-621 Pole 22 - MP F-627 Pole 27.....20
 MP F-627 Pole 27 - MP F-637 Pole 5.....30
 MP F-637 Pole 5 - MP F-643 Pole 28 (North Jct.).....20
 Right-Of-Way District (All tracks).....10

Except:

Dorothy to Station 95 (Great Southwest Railroad)..... 5

Manual Interlocking between 6th Street Jct. (MP F-612.4), Purina Jct. (MP F-611.9) and Dalwor Jct. (MP F-612.2)—Control Operator is the Dispatcher at Denison, Texas.
 CTC between MP F-612.2 and MP F-643.8—Control Operator is the Dispatcher at Denison, Texas.

Between 6th St. Jct. (MP F-612.4) and Purina Jct. (MP F-611.9) and between Dalwor Jct. (MP F-612.2) and Purina Jct. (MP F-611.9), hand-operated switches must not be fouled or operated by hand unless governing signal displays Proceed indication or authority is obtained from the Control Operator.

Two Main Tracks between MP 610.2 (Duncan Subdivision) and MoPac Jct. (17th St.). Yardmaster's instructions will authorize movement on northward track or southward track against the current of traffic. Maximum Authorized Speed (both tracks) 10 MPH.

Restrictions On Auxiliary Tracks

Peach—Engines must not be operated over scales on Purina Elevator Tracks 1 and 3.

Dorothy to Station 95 (Great Southwest Railroad)—Six-axle diesel locomotives are prohibited.

Industrial and Yard Track Restrictions Account of Bridges:

Dorothy Spur.....	210,000 Lbs.
Highland Industrial District.....	240,000 Lbs.
Trinity Industrial District.....	240,000 Lbs.

BUSINESS TRACKS

	MILE POST	STA. NO.
Richland Park.....J	F-618 Pole 5	9618
Hart Spur.....J	F-620 Pole 9	9620
Anchor Metal-Boyle Galv.....J	F-620 Pole 27	9621
Bell Helicopter.....J	F-622 Pole 8	9623
Centerport.....J	F-629 Pole 24	9629
Texas Gypsum Co.....J	F-629 Pole 25	9630
Liggett (TP&L).....J	F-630 Pole 10	9631
Ratteree.....J	F-633 Pole 24	9634
Frito-Lay Lead.....J	F-636 Pole 6	....
Brookhollow B.....J	F-637 Pole 17	....
Brookhollow F.....J	F-638 Pole 3	....
Brookhollow A.....J	F-638 Pole 29	....
Record Crossing.....J	F-639 Pole 27	....
Perkins.....J	F-640 Pole 22	9641
McKinney Lead.....J	F-643 Pole 29	....

HILLSBORO SUBDIVISION

SOUTHWARD		Station Numbers	Mile Post Location	MAIN LINE		Length Of Siding In Feet	NORTHWARD	
SECOND CLASS				STATIONS			SECOND CLASS	
7 7 7 B N							7 7 8 B N	
DAILY							DAILY	
.....	5106	766.9	Right-of-Way Dist.	DALLAS (R).....	YTWDPOB	YARD	.....
.....	.....	767.0		0.1	MoPac.....	XM	.....
.....	.....	767.0			North Tower.....	OB	.....
.....	.....	767.5		0.5	South Tower.....	OB	.....
.....	.....	767.8		0.3	Cadiz St. Jct.....	Z	.....
.....	.....	768.9		1.1	OKT JCT.....	Z	.....
.....	.....	768.9			ATSF (Tower 19).....	XM	.....
AM				0.4		PM		
2:45	.....	769.3		ENDOT.....	JYZ	.....	2:51
3:10	5121	781.7		12.4				
				LANCASTER.....		4623	2:26	
3:25	5130	791.2		9.5				
				STERRETT.....	Y	6252	2:11	
.....	.....	796.6		5.4			
				S. P.....	CXA	.....	.....
3:36	.....	797.5		0.9			
				B-R-I JCT.....	CYZ	.....	2:00
AM				0.6		PM		
.....	5137	798.1		WAXAHACHIE.....	YOB	2925	.....
.....	5152	813.1		15.0			.....
.....	.....	832.5		ITALY.....		.....	.....
				19.4				
				DANA JCT.....	Y	.....	.....
				65.6				

ABS between MP D-768.9 and MP D-798.0.
 CTC between MP D-768.9 and MP D-769.3—Control Operator at AT&SF (Tower 19).

FLAGGING DISTANCE—One and one-fourth miles.

Two Main Tracks between MP D-768.9 and MP D-769.3.

MAXIMUM SPEED	MPH
MP D-769.3 - MP D-772.7.....	20
MP D-772.7 - MP D-797.5.....	40
MP D-797.5 - MP D-832.5.....	10
Right-Of-Way District (All tracks).....	10

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE	MPH
Dallas, through city limits.....	20
Waxahachie, over street crossings.....	20

Between MP D-766.9 and MP D-768.9, Right-of-Way District Rules and Special Instructions govern.

Hand operated switch and connecting track (Kelley Lead) at the North end of Cadiz Street Yard must not be used until permission has been obtained from Control Operator.

Engines and cars exceeding 17 feet 6 inches high, when using Kelley Lead track, must not pass under Houston Street viaduct. Trains using this route will be governed by Uniform Code of Operating Rules, Rule 105 Amended.

Exception to Rule 5:
 Endot—Southward trains restricted Endot remain back of Absolute Signal North of AT&SF Interlocking (Tower 19); except, Southward trains from Cadiz Street Yard remain at OKT Jct. to avoid fouling interlocking.

Trains will report for clearance other than as required by Rule 83(a) (last paragraph):
 South Tower (Right-of-Way District) instead of Endot—MKT and BN trains originating Endot.
 Waxahachie—BN trains originating B-R-I Jct.

BUSINESS TRACKS	MP	STA. NO.
Sargent.....	D-770.8	5110
Peeler.....	D-772.7	5112
Service.....	D-793.5	5133
Armaglass.....	D-794.6	5134
Nena.....	D-802.6	5139
Milford.....	D-818.3	5157

FLOOD INDICATORS	MP D-774.6	MP D-775.2	MP D-776.7	MP D-791.9
------------------	------------	------------	------------	------------

Trains will register at other than register stations as follows:

South Tower (Right-of-Way District)—MKT and BN trains originating or terminating Endot.
 Waxahachie—MKT trains originating or terminating. BN trains originating or terminating B-R-I Jct., by ticket only.

Dallas—Southward two-unit color light signals, immediately over track which they govern, located on signal bridge 610 feet North of Forrest Avenue. The Red over Yellow aspect on either signal indicates route lined for SP. MKT movements will not pass signal when Red over Yellow aspect displayed unless enroute to SP. Movements on "North Track," when operating against current of traffic, Red over Yellow aspect only authorizes movement against current of traffic on SP Main Track to crossover just South of Forrest Avenue.

Between Waxahachie (MP D-798.1) and Dana Jct. (MP D-832.5), Rule 94 is in effect.

Dana Jct.—Fort Worth/Hillsboro Subdivisions Main Track switch must be left lined for Fort Worth Subdivision movements.

Dallas—No track designated as Main Track between North End Yard (MP D-765.5) and South End of Yard (MP D-766.9).

Restrictions on Auxiliary Tracks:
 Service—Gates across tracks Owens-Corning plant must be closed and locked when not in use.

FORT WORTH SUBDIVISION

SOUTHWARD			Station Numbers	Mile Post Location	MAIN LINE STATIONS	Length Of Siding In feet	NORTHWARD		
SECOND CLASS							SECOND CLASS		
1 0 5	1 0 7	1 0 3					1 0 4	1 0 6	2 0 4
DAILY	DAILY	DAILY	DAILY	DAILY	DAILY				
PM 10:30	PM 12:40	AM 5:00	5664	661.9	RAY (R).....YTWDPOB	YARD	PM 5:00	AM 1:00	AM 4:15
.....	.....	.....	5670	669.6	POTTSBORO.....5.4	5970	.....	.....	.....
.....	.....	.....	5686	685.7	WHITESBORO.....16.1	8424	.....	.....	.....
.....	.....	.....	.....	685.8	WHITESBORO JCT.....0.1	.....	.....	.....	.....
.....	.....	.....	5722	721.7	DENTON.....35.9	.....	.....	.....	.....
.....	.....	.....	.....	757.1	MO. PAC. (Tower 55).....35.4	.....	.....	.....	.....
.....	.....	.....	5757	757.1	FORT WORTH.....1.4	.....	.....	.....	.....
1:40 AM 3:10	3:50 PM 4:50	8:10 AM 9:10	5759	758.5	NEY (R).....YTWDPOB	YARD	1:25 PM 12:25	9:00 PM 8:00	12:45 AM 12:01
.....	.....	.....	.....	759.4	S. P.....0.9	.....	.....	.....	.....
3:28	5:08	9:38	5764	763.9	WRENN.....4.5	7828	PM 12:04	7:34	11:29
3:45	5:25	9:55	5778	777.6	EGAN.....13.7	8752	11:47	7:17	11:12
.....	.....	.....	.....	783.0	AT&SF.....5.4	.....	.....	.....	.....
4:08	5:48	10:18	5793	793.2	GRANDVIEW.....10.2	9583	11:24	6:54	10:49
4:36	6:16	10:46	.....	811.2	DANA JCT.....18.0	.....	10:56	6:26	10:21
.....	.....	.....	5812	811.9	HILLSBORO.....0.7	YARD	.....	.....	.....
4:41	106 6:21	104 10:51	5813	813.0	WINSLOW.....1.1	7218	103 10:51	107 6:21	10:16
5:01	6:41	11:11	5827	827.4	WEST.....14.4	8830	10:21	5:51	9:56
5:13	6:53	11:23	5836	836.4	ELM MOTT.....9.0	8060	10:09	5:39	9:44
5:22	7:02	11:32	.....	841.9	CAPHEAD.....5.5	.....	10:00	5:30	9:35
.....	.....	.....	.....	842.1	WACO JCT.....0.2	.....	.....	.....	.....
5:35	7:15	11:45	5843	842.9	BELLMead (R).....0.8	YARD	9:55	5:25	9:30
AM	PM	AM			178.7		AM	PM	PM

ABS between MP 663.5 and MP 685.7.
 ABS between MP 759.4 and MP 842.9.
 CTC between MP 663.5 and MP 668.8—Control Operator at Ray.
 CTC between MP 764.7 and MP 777.4—Control Operator at Ney.
 CTC between MP 837.9 and MP 842.2—Control Operator at Bellmead.

FLAGGING DISTANCE—One and one-fourth miles.

MAXIMUM SPEED	MPH
MP 662.9 - MP 663.5	20
MP 663.5 - MP 669.0	30
MP 669.0 - MP 679.8	50
MP 679.8 - MP 685.8	40
MP 757.1 - MP 761.4	20
MP 761.4 - MP 763.1	40
MP 763.1 - MP 783.3	50
MP 783.3 - MP 815.1	40
MP 815.1 - MP 841.9	50
MP 841.9 - MP 842.1	25
MP 842.1 - MP 842.9	20
Pottsboro, Whitesboro, Wrenn, Egan, Grandview, West, and Elm Mott, through sidings and turnouts	20

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE

MPH

Burleson, through city limits	30
Grandview, over FM Road 110	30
Itasca, through city limits	30
Hillsboro, over street crossings	30
West, over street crossings	30

BUSINESS TRACKS	MP	STA. NO.
Perrin Field	668.9	5669
Sadler	681.9	5682
Frazier	766.0	5766
Burleson	771.2	5771
Alvarado	784.0	5784
Itasca	J 801.3	5801

FLOOD INDICATORS	MP	MP
MP 679.9	MP 772.0	MP 780.8

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS	MP	MP
MP 682.7	MP 788.3	MP 817.2

FORT WORTH SUBDIVISION

Ray—No track designated as Main Track between Choctaw Subdivision Wye track and Dallas Jct. switches at the North End of the yard, and the South Lead Track switch at the South End of the yard.

Between Whitesboro Jct. and Tower 55, Mo. Pac. RR Co. Timetable and Special Instructions govern.

Northward M-K-T trains originating Ney enroute to Ray via Whitesboro Jct. secure M-K-T clearance at Ney.

Northward Mo. Pac. trains originating Centennial Yard enroute to Ray via Whitesboro Jct. secure M-K-T clearance at Centennial Yard or Tower 55.

Whitesboro—Track from North siding switch at North end, South and through to where M-K-T track intersects Mo. Pac. Main Track designated as siding.

Whitesboro Jct.—Northward trains arriving Whitesboro Jct. enroute to Ray must take siding at Whitesboro unless otherwise directed by train order.

Whitesboro Jct.—Southward trains, when practicable, will contact M-K-T Operator at Ray and furnish the time they depart Whitesboro.

Exception to Rule 5:

Whitesboro—Southward trains on Main Track at Whitesboro Jct.; Southward trains on siding at "Fouling Point" South siding switch.

Exception to Rule 83(a): Proper identification of a train when moving on the Mo. Pac. tracks between Tower 55 and Whitesboro Jct. by a train restricted therefor at Whitesboro or Whitesboro Jct. may be used to confirm the arrival of that train at Whitesboro or Whitesboro Jct.

Exception to Rule 221(a):

Hillsboro—Display of "Calling On" indication (Rule 231) of train order signal, Hillsboro, will authorize a train restricted at Winslow to move on Main Track to Hillsboro station for train orders.

Ney:

Between South End Two Main Tracks at Ney (MP 759.2) and North End CTC Territory (MP 764.7) TRAINS HAVE NO SUPERIORITY. Authority to ENTER AND OPERATE trains and/or engines within these limits must be obtained from Control Operator at Ney.

Southward movements on Main Track and/or in Wrenn Siding must remain back of fouling point South End Wrenn Siding unless Absolute Signal (MP 764.7) displays Proceed indication or permission to enter CTC has been obtained from Control Operator at Ney.

Trains and/or engines delayed at South End of Wrenn Siding must remain back of fouling point for flasher circuit Sycamore School Road. When flasher circuit has timed out, movement must not be made over crossing except when protected by member of crew at the crossing unless the flashers have been operating for a minimum of 25 seconds. Fouling points for flasher circuit identified by ties painted yellow.

Southward trains handling loads 11 feet 7 inches or wider must receive route from Yardmaster, Ney, before occupying Double Track.

Two Main Tracks between MP 757.7 and MP 759.2. Northward movements remain on "North Track" until interlocking signal to proceed received or permission received from Operator Ney to proceed. Yardmasters instructions will authorize movements on "North Track" or "South Track" against the current of traffic.

Trains have no superiority between Mo. Pac. Tower 55 and end Two Main Tracks (MP 757.7) and movements must be governed by Rule 93 Amended.

Passenger trains enroute to or from AT&SF Passenger Station Fort Worth via Missouri Pacific - M-K-T tracks will operate on M-K-T Main Track between Mo. Pac. Tower 55 and end of Two Main Tracks (MP 757.7) without clearance or train orders.

Movements by Signal Indication CTC (Rules 400-404):

Between Ray (MP 663.5) and North switch siding Pottsboro (MP 668.8). Trains must not leave Ray until receive lunar indication displayed in unit on pole 100 feet south of underpass; South end Ray or communicate with Control Operator, Ray. Clear (green aspect) displayed on Signal 6700, South end siding Pottsboro, authorizes Northward movements to proceed on Main Track to North siding switch ahead of or against superior trains. Northward movements from siding Pottsboro to the Main Track must communicate with Control Operator, Ray. After Control Operator gives train or engine permission, a member of the crew must depress button in the box located adjacent to absolute signal (MP 668.8) and hold for two seconds to secure Proceed indication to enter CTC territory. If signal continues to display Stop indication, a member of the crew must communicate with Control Operator in accordance with Rule 400 or Rule 402.

Between MP 764.7 (Ney) and North switch siding Egan (MP 777.4). Clear (green aspect) displayed on Signal 7792, South end siding Egan, authorizes Northward movements to proceed on Main Track to North siding switch, ahead of or against superior trains.

Between South switch siding Elm Mott and Waco Jct. Clear (green aspect) displayed on Signal 8363, North end siding Elm Mott, authorizes Southward movements to proceed on Main Track to South siding switch ahead of or against superior trains.

National Can Spur Track (MP 765.5)—Spur Track switch equipped with a mechanical electric lock. To operate switch, unlock and open electric lock box located at switch stand and be governed by instructions in box. When moving from Main Track to Spur Track when lock lever is properly positioned, electric lock will unlock immediately and allow lever to be reversed. When moving from Spur Track to Main Track, movement must remain back of "Fouling Point" until switch is unlocked and reversed. Before unlocking and reversing switch, permission must be secured from Control Operator at Ney. After permission has been secured and lock has been properly positioned, lock will unlock after five (5) minutes and allow switch to be reversed.

Restrictions on Auxiliary Tracks:

Ney—Movements on Bunge Tracks 1, 2 and 3 over Dirksen Street must occupy "island circuit"; know gates are down and lights are flashing 20 seconds; and then movement may proceed over crossing.

Hillsboro—Use only one unit when switching tracks West of City Pass.

Northward trains taking siding at West will not, when train length will permit, block crossings North of old station site until after train(s) being met have passed allowing vehicular traffic an opportunity to move between trains.

Bellmead—Inbound loaded and empty coal trains will use Passenger Main and stop engines at new fuel facility unless otherwise instructed.

Normal Position of Switches:

Ray—High switch North end New 3 Track lined and locked for Dallas Subdivision movements. South switch of Choctaw crossover lined for Dallas Subdivision movements.

Ney—Southbound Main Track/North Lead Track Main Track switch lined as needed.

Dana Jct.—Fort Worth/Hillsboro Subdivision Main Track switch must be left lined for Fort Worth Subdivision movements.

TEXAS SUBDIVISION

SOUTHWARD				Station Numbers	Mile Post Location	MAIN LINE STATIONS	Length Of Siding In Feet	NORTHWARD			
SECOND CLASS			1ST CLASS					1ST CLASS	SECOND CLASS		
1 0 5	1 8 3	1 0 3	21					22	1 0 4	1 0 6	1 8 4
DAILY	DAILY	DAILY	MON WED SAT	SUN TUE FRI	DAILY	DAILY	DAILY				
PM 10:45	PM 7:45	PM 1:30	.....	5843	842.9	BELLMead (R).....YTWDPOB	YARD	.....	AM 5:15	PM 4:30	AM 1:00
.....	.....	.....	.....	.....	843.6	STLSW NORTH JCT.....Y	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	844.2	STLSW SOUTH JCT.....Y	.....	.....	.....	.....	.....
.....	.....	.....	.....	5846	845.5	WACO.....Y	.....	.....	.....	.....	.....
11:05	8:05	1:50	.....	5849	849.7	BASS.....JY	10964	.....	4:17	3:46	11:55
184 11:27	8:27	2:12	.....	5865	865.2	EDDY.....	10142	.....	3:55	3:24	11:27
11:50	8:50	2:35	.....	5880	880.0	TEMPLE.....JCYPOB	2128	.....	3:32	3:01	10:55
.....	.....	.....	.....	.....	880.7	AT&SF.....XM	.....	.....	.....	.....	.....
.....	.....	.....	PM 5:30	.....	880.8	OPAL.....YZ	.....	PM 12:40	3:30	2:59	10:53
.....	.....	.....	.....	5881	881.1	COBEL.....Y	3400	.....	.....	.....	.....
.....	.....	.....	.....	5883	883.1	SMITH.....CY	.....	.....	.....	.....	.....
12:03	9:03	2:48	5:40	5888	887.6	LITTLE RIVER.....J	8993	12:22	3:19	103 2:48	10:42
AM 12:35	9:35	3:20	6:01	5908	908.1	GRANGER.....YTOB	7371	12:01	2:47	2:06	10:10
184 12:51	9:51	3:36	6:10	5918	918.4	BIRGE.....Y	9121	11:52	2:31	1:50	183 9:51
12:55	9:55	3:40	6:20	.....	918.9	TRANSFER JCT.....Y	.....	11:50	2:27	1:46	9:35
.....	PM	.....	PM	5919	918.9	TAYLOR.....CYTOB	.....	AM	.....	.....	PM
.....	.....	.....	.....	.....	918.9	MO. PAC.....XA	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	934.8	S. P.....XA	.....	.....	.....	.....	.....
1:20	.....	4:05	.....	5935	935.0	ELGIN.....	6020	.....	2:02	1:21	.....
104 1:41	.....	4:26	.....	5949	948.9	PHELAN.....	8804	.....	105 1:41	1:00	.....
.....	.....	.....	.....	5954	953.8	BASTROP.....	.....	.....	.....	.....	.....
2:30	.....	5:10	.....	5969	969.4	SMITHVILLE (R).....YWOB	YARD	.....	12:45	12:20	.....
AM	.....	PM	.....	.....	.....	126.5	.....	.....	-AM	PM	.....

ABS between MP 846.5 and MP 918.9.
 CTC between MP 908.7 and MP 918.9—Control Operator at Taylor.

FLAGGING DISTANCE—One and one-fourth miles.

MAXIMUM SPEED MPH
 PASSENGER TRAINS
 MP 880.8 - MP 918.9.....70

FREIGHT TRAINS
 MP 842.9 - MP 846.5.....20
 MP 846.5 - MP 858.0.....50
 MP 858.0 - MP 969.4.....40
 Bass and Eddy, through sidings and turnouts.....20

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS
 MP 865.7 MP 892.2 MP 931.5

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE MPH

Waco, through city limits.....25
 Hewitt, through city limits.....35
 Troy, through city limits.....40
 Temple, over street crossings.....25
 Granger, through city limits.....30
 Taylor, through city limits.....25
 Elgin, through city limits.....20
 Smithville, through city limits.....25

BUSINESS TRACKS MP STA. NO.
 Hewitt..... 853.1 5853
 Troy..... 872.1 5872
 Holland..... 896.8 5897
 Bartlett..... 902.8 5903
 Coupland..... 926.7 5927
 Dunstan..... 947.0 5947

Trains will register at other than register stations as follows:

Taylor (Transfer Jct.)—Trains originating or terminating by register ticket.

Opal—Trains originating or terminating by register ticket.

Between South End Bass Siding (MP 849.8) and Bellmead, **TRAINS HAVE NO SUPERIORITY**. Authority to **ENTER AND OPERATE** trains and/or engines within these limits must be obtained from the Control Operator at Bellmead.

Bellmead—Inbound loaded and empty coal trains will use Passenger Main and stop engines at new fuel facility unless otherwise instructed.

Movements by signal indication CTC (Rules 400 - 404):
Between MP 908.7 and MP 918.9 Absolute Signals MP 918.9 and on Transfer Track, Transfer Jct. govern route to Signal 9186, South end siding Birge. Northward trains receiving Stop Indication on Absolute Signal at South end siding, Birge, will take siding when instructed to do so by Control Operator.

Trains will be governed by instructions of the Train Dispatcher in use of the Main Track at Smithville.

Opal—Signal 8807 displaying indication per Rule 288 governs Northward movements on diverging route on connecting track from M-K-T to AT&SF North Track. AT&SF Controlled Signal at AT&SF Mile Post 217 Pole 17 governs southward movements from AT&SF North Track on connecting track from AT&SF to M-K-T Main Track Signal 8809.

Normal Position of Switches:

Bellmead—Yard Lead/Main Track switch South end of yard left lined as needed.

StLSW North Jct. and StLSW South Jct.—MKT/StLSW Main Track switches lined for M-K-T Texas Subdivision movements.

Granger—Texas/Georgetown Subdivision Main Track switch lined for Texas Subdivision movements. Georgetown Subdivision-Wye Track switch lined for South Wye Track movements. Normal position of switches in siding will be for through movements except South Leg of Wye will be lined from siding to South Leg of the Wye.

Restrictions on Auxiliary Tracks:

Temple—Trains or engines setting out cars on siding, Cobel (AT&SF Interchange Track), will not leave cars closer than 200 feet to Taylor Road crossing and VA Hospital private road crossing.

Smith—Trains setting out must leave set out just in clear of fouling point to avoid blocking run-around track when possible.

Granger—South leg of Wye, **DO NOT** exceed 5 MPH. Six-axle units must not be used on South leg of Wye.

Operation of Mechanical Electrically Locked Switches and Interlocking Devices:

AT&SF Crossing (MP 880.7)—When Absolute Signal displays Stop indication, communicate with Control Operator at AT&SF Office and be governed by his instructions in proceeding through interlocking limits. Telephones connecting with Control Operator are located on control house at crossing, both Absolute Signals and on outside of station Temple. If unable to communicate with Control Operator to secure signal to proceed, devices may be manually operated. First, determine that Absolute Signals on AT&SF display Stop indication, then manually line dual control derail for M-K-T movement. After lining derail,

must again determine that Absolute Signals on AT&SF display Stop indication. Hand signal will then be given for movement over crossing. After movement over crossing and clear of interlocking limits, dual control derail must be restored to "Derailing" position and selector lever to "Power" position. Report, notifying Control Operator at AT&SF Office, Temple, of handling must be made at first open office.

Granger—Southward movements from the South leg of Wye or from the siding to the Main Track must communicate with Control Operator, Taylor. After Control Operator gives train or engine permission, a crew member must depress button in box located adjacent to Absolute Signal MP 908.7 and hold for two seconds to secure Proceed signal to enter CTC territory. If signal continues to display Stop indication after two minutes, crew member must communicate with Control Operator in accordance with Rule 400 or Rule 402.

When northward ABS Signal 9088 (MP 908.8) displays Stop and Proceed indication, in addition to complying with Rule 104(a), a crew member must also inspect the south switch of the East Storage Track in accordance with Rule 104(12).

Birge—North and South siding switches equipped with Mechanical Electric Lock. Trains and engines in siding must remain back of "Fouling Point" until switch is unlocked and reversed. To operate mechanical electric lock switch, open electric lock box located at switch stand and be governed by instructions in box. To move from siding to Main Track, before unlocking mechanical electric lock and reversing switch, permission must be secured from Control Operator at Taylor.

Train inspection per ITEM 7 of Special Instructions required for trains heading through the siding at Eddy.

Train inspection per ITEM 7 of Special Instructions required for rock trains originating Granger prior to leaving Taylor.

Bellmead-Waco—StLSW trains and engines may use MKT Main Track between StLSW North Jct. and StLSW South Jct. under provisions of Rule 93 Amended without clearance or train orders or authority from Yardmaster or Control Operator.

Temple—AT&SF Yard Engines may use MKT Main Track within Temple yard limits, MP 877.9 to MP 884.0, without clearance or train orders to interchange cars to and from Cobel Siding under provisions of Rule 93 Amended, 104(15) Amended and 351 upon receipt of permission from MKT Train Dispatcher clearing Main Track for First Class trains. Trains Nos. 21 and 22 scheduled between Opal and Transfer Jct.; No. 21 scheduled to depart Opal at 5:30 PM Monday, Wednesday and Saturday and No. 22 scheduled to depart Little River at 12:22 PM Sunday, Tuesday and Friday. Yard Engines will be clear of Main Track for No. 21 at 5:25 PM and for No. 22 at 12:17 PM.

HOUSTON SUBDIVISION

SOUTHWARD		Station Numbers	Mile Post Location	MAIN LINE STATIONS	Length Of Siding In Feet	NORTHWARD	
SECOND CLASS						SECOND CLASS	
1 0 3	1 0 5					1 0 6	1 0 4
DAILY	DAILY					DAILY	DAILY
PM 5:15	AM 2:35	5969	969.4	SMITHVILLE (R).....YWOB	YARD	PM 12:15	AM 12:11
.....	.....	....	978.0	S. P.....XA	.....	.....	.....
.....	.....	5988	988.2	LA GRANGE.....OB	.....	.....	.....
5:51	3:11	5989	989.0	L. A. YARD.....	3933	11:35	11:35
6:02	3:22	5996	995.9	LCRA.....Y	.....	11:24	11:24
6:13	3:33	6002	1002.1	FAYETTEVILLE.....J	9349	11:13	11:13
6:32	3:52	6014	1013.6	NEW ULM.....F	5565	10:54	10:54
6:49	4:09	6024	1024.0	CAT SPRING.....	5649	10:37	10:37
7:09	4:29	6035	1035.4	SEALY.....JC	2837	10:17	10:17
.....	.....	....	1035.4	AT&SF.....XA	.....	.....	.....
				12.4			
7:29	4:49	6048	1047.8	BROOKSHIRE.....OB	4705	9:57	9:57
7:44	5:04	6056	1056.0	KATY.....	4116	9:42	9:42
7:52	5:12	6061	1061.2	WHIT.....	5900	9:34	9:34
.....	.....	....	1078.9	S. P.....XA	3000	.....	.....
104	.....	.....	.....	.....	.....	.....	.....
8:50	7:00	6079	1080.2	EUREKA (R).....YTWDPOB	YARD	8:50	103 8:50
PM	AM	.....	1080.8	S. P.....XN	.....	AM	PM
.....	.....	....	1084.2	S. P.....XA	.....	.....	.....
.....	.....	6084	1084.2	HOUSTON.....Y	.....	.....	.....
.....	.....	6134	1134.0	GALVESTON.....	.....	.....	.....
				164.6			

FLAGGING DISTANCE—One and one-fourth miles.

MAXIMUM SPEED	MPH
MP 969.4 - MP 1072.0.....	40
MP 1072.0 - MP 1084.2.....	25
Except:	
LCRA (MP 995.9) through turnout.....	20
Eureka, through yard (MP 1078.9 - MP 1080.2).....	10
Around curve (MP 1083.8 - MP 1084.2).....	10

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE	MPH
Smithville, through city limits.....	25
Sealy, through city limits.....	25
Brookshire, through city limits.....	25
Katy, through city limits.....	25
Houston, through city limits.....	25

HOT BOX & DRAGGING EQUIPMENT DETECTOR LOCATIONS
 MP 1000.8 MP 1027.4 MP 1053.0

Trains will be governed by instructions of the Train Dispatcher in use of the Main Track at Smithville.

Train inspection per ITEM 7 of Special Instructions required for trains departing Smithville.

BUSINESS TRACKS	MP	STA. NO.
Plum.....	982.1	5982
Schindler.....	1036.5	6036
Cardiff.....	1050.8	6051
Addicks.....	1066.7	6066
Hennessey.....	1072.9	6073

Exception to Rule 83(a): Conductor and Engineer may ascertain the arrival and/or departure of trains terminating and/or originating LCRA by verbal information from the train dispatcher.

LCRA—Conductors and engineers handling unit coal trains from Smithville to LCRA and returning to Smithville must retain all train orders and clearances held by their crew which are still in effect and deliver them per Rule 220 and/or Rule 220 Supplement.

Southward trains arriving Eureka will contact Yardmaster before entering Yard Limits and will be governed by his instructions.

Eureka—Yard Lead/Main Track switch North end of yard must be left lined for Main Track to Yard Lead movements.

Between Houston and Galveston, GH&H RR Co. Rules, Timetable and Special Instructions govern.

NOTES

Trains are authorized to operate between Eureka (MP 1080.2) and Houston (MP 1084.2) without clearance or train orders, being governed by instructions of Yardmaster.

Restrictions on Auxiliary Tracks:

LCRA—Northward movements on Lead, do not exceed 5 MPH while approaching flasher crossing.

Sealy—Train crews delivering multi-levels of automobiles to AT&SF will not shove other cars with automobile cars.

Sealy—AT&SF Siding Track designated as a "Controlled Siding" governed by Train Control System signal indication. Before opening switch and entering onto and using siding, communicate with AT&SF Train Dispatcher and secure permission to use Siding Track. AT&SF telephone in vicinity of switch or at Automatic Interlocking.

Whit—Track No. 1 (3000 feet long) located west of and adjacent to the siding track. Unless otherwise instructed, trains in excess of 5900 feet in length required to clear the Main Track will pull front portion of train into Track No. 1 and then pull rear portion of train into the siding track.

Brookshire—Trains leaving cars on siding must not leave cars standing in the "Island Circuit" at the gated crossing at MP 1047.6. The limits of the Island Circuit are designated by ties painted yellow on each side of the crossing.

Eureka—Movements on auxiliary track crossing East Frontage Road (MP 1078.02) must occupy circuit within 55 feet of crossing identified by ties painted orange; know flashers are working and gates are down for 20 seconds; and then movement may proceed over crossing.

Eureka—Southward movements from the Tail Track to the Main Track crossing Sheppard Drive at MP 1080.4 must ascertain that crossing gates are down before proceeding over the crossing.

Eureka—While switching Southern Warehouse at MP 1076.1, movement must not be made over Maryvest Road until it is known that the flashers and crossing gates are operating and in the proper position before fouling the crossing unless the crossing is protected by flagman.

Houston—Do not exceed 5 MPH on Tracks 1 through 6 and on Back Lead Track at City Yard.

NOTES

SAN ANTONIO SUBDIVISION

SOUTHWARD		Station Numbers	Mile Post Location	MAIN LINE		Length Of Siding In Feet	NORTHWARD	
SECOND CLASS							SECOND CLASS	
1 8 3							1 8 4	
DAILY				STATIONS			DAILY	
PM 9:55	.....	918.9	TRANSFER JCT.....	.....			PM 9:35
.....	.....	919.9	1.0 TAYLOR (MO PAC).....	.....			.....
.....	6647	955.5	34.3 AUSTIN.....CYOB	.....			.....
PM 11:50	.....	984.9	29.7 M-K-T JCT.....	.....			PM 7:40
			0.6					
11:54	.....	985.5	AJAX.....JY	.....			7:36
			0.8					
11:57	6753	986.3	SAN MARCOS.....YWOB	924			7:33	
			16.4					
12:30 AM	....	1002.7	N. B. YARD.....Y	4462			7:00
.....	6769	1003.3	0.6 NEW BRAUNFELS.....JCY	.....			.....
.....	.....	1003.6	0.3 MO. PAC.....XA	.....			.....
			3.1					
12:38	.....	1006.7	WRP.....CY	.....			6:52
			3.9					
12:46	6777	1010.6	COMAL.....	2305			6:44	
			14.2					
1:15	6791	1024.8	FRATT.....Y	2856			6:15	
			5.5					
1:29	6797	1030.3	TRAVIS.....Y	3123			6:01	
			5.8					
.....	.....	1036.1	S. P.....X	.....			.....
.....	.....	1036.5	0.4 S. P.....XM	.....			.....
			1.0					
2:45	6803	1037.5	SLOAN (R).....YTWDPOB	YARD			5:25	
AM			0.5				PM	
.....	.....	1038.0	S. P.....XG	.....			.....
.....	6804	1038.5	0.5 SAN ANTONIO.....YB	.....			.....
			118.6					

ABS between MP M-984.9 and MP M-1037.2.

FLAGGING DISTANCE—One and one-fourth miles.

MAXIMUM SPEED MPH

MP M- 984.9 - MP M-1026.0.....30
 MP M-1026.0 - MP M-1036.1.....25
 MP M-1036.1 - MP M-1038.5.....10

FLOOD INDICATORS

MP M-999.5 MP M-1006.5 MP M-1013.5 MP M-1023.5

Between Transfer Jct. and M-K-T Jct., Mo. Pac. RR Co. Rules, Timetable and Special Instructions govern.

Between M-K-T Jct. and San Marcos, trains have no superiority and trains and engines will move at Restricted Speed.

Trains will report for clearance other than as required by Rule 83(a) (last paragraph): Transfer Jct. instead of M-K-T Jct. - No. 183.

Trains originating or terminating at San Marcos may operate between San Marcos and M-K-T Jct. without clearance or train orders.

BUSINESS TRACKS MP STA. NO.

TXI..... M- 994.0 6761
 Ogden..... M-1012.6 6779
 Longhorn..... M-1023.6 6790
 Dixie..... M-1023.7 6789
 Remount..... M-1027.1 6794
 Warden..... M-1032.8 6800

Trains and engines moving from Mo. Pac. Main Track to M-K-T Yard Tracks at Austin will be governed by S. P. RR Co. Rules, Timetable and Special Instructions between Pershing and Congress Avenue and will be governed by Rule 93 Amended when on S. P. RR Co. tracks.

Southward MKT Extra Trains originating Transfer Jct. secure MKT clearance Transfer Jct. for movement MKT Jct. to Sloan.

Trains will register at other than register stations as follows:

Ajax—No. 184; Extra Trains instructed by train order.

WRP—Trains instructed by train order to register. (Register located in box near Main Track switch.)

San Marcos—Trains originating or terminating.

SAN ANTONIO SUBDIVISION

Exception to Rule 83(a): Proper identification of a train when moving on Mo. Pac. tracks between Transfer Jct. and M-K-T Jct. by a train restricted therefor at M-K-T Jct. may be used to confirm the arrival of that train at M-K-T Jct.

Train inspection per ITEM 7 of Special Instructions required for trains between New Braunfels and Comal as follows:

Southward trains—before departing Comal.
Northward trains—before departing New Braunfels.

Normal Position of Switches:

Ajax—Spring switch lined for movement to and from Lockhart Subdivision.

M-K-T Jct.—MKT/Mo.Pac. Main Track switch lined for Mo. Pac. movement.

Restrictions on Auxiliary Tracks:

San Marcos—Engines or cars must not be left standing on House Track South of cars end of depot building.

TXI—Do not operate engines over scales.

WRP—Do not exceed 10 MPH between WRP and WRRC Yard.

San Antonio S. P. Crossing (MP M-1036.1)—If Stop indication displayed, flag protection must be provided in both directions on S. P. tracks before moving over crossing.

GEORGETOWN SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet
		SOUTH ↓	NORTH ↑	
		STATIONS		
5908	908.1	GRANGER.....	YTOB	....
		9.3		
6609	917.4	WEIR.....		....
		5.8		
6615	923.2	GEORGETOWN.....	C	....
		0.5		
....	923.7	End Of Track.....		....
		15.6		

FLAGGING DISTANCE—Three-fourths mile.

MAXIMUM SPEED MPH

MP U-908.9 - MP U-923.0.....25
MP U-923.0 - MP U-923.7.....10

Restrictions on Auxiliary Tracks:

Georgetown—Georgetown Railroad, do not exceed 10 MPH on connection tracks.

Georgetown—Use only one unit switching in House Track.

Granger—South leg of Wye, DO NOT exceed 5 MPH. Six-axle units must not be used on South leg of Wye.

Weir—Trains switching on the House Track must only use one unit and cars must not be dropped into House Track.

Granger—Texas/Georgetown Subdivision Main Track switch will be left lined for Texas Subdivision movements. Georgetown Subdivision Wye Track switch lined for South Wye Track movements. Normal position of switches in siding will be from siding to South Leg of the Wye.

LOCKHART SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet
		SOUTH ↓	NORTH ↑	
		STATIONS		
5969	0.0	SMITHVILLE (R).....	YWOB	YARD
		20.3		
6721	20.3	RED ROCK.....		725
		16.1		
6737	36.4	LOCKHART.....	J	4400
		7.1		
6744	43.5	MAXWELL.....		1500
		3.3		
6747	46.8	REEDVILLE.....		1830
		4.7		
....	51.5	AJAX.....	JY	....
		51.5		

FLAGGING DISTANCE—Three-fourths mile.

MAXIMUM SPEED MPH

MP M- 0.0 - MP M-10.0.....40
MP M-10.0 - MP M-37.0.....25
MP M-37.0 - MP M-51.5.....40

Except:

Ajax, through turnout.....20

In sidings at:

Red Rock.....5
Reedville.....5

Trains will register at other than register stations as follows:

Ajax—Trains instructed by train order to register.

Trains will be governed by instructions of the Train Dispatcher in use of the Main Track at Smithville.

Ajax—Spring switch will be left lined for movement to and from Lockhart/San Antonio Subdivisions.

Train inspection per ITEM 7 of Special Instructions required for trains departing Smithville and Lockhart.

NOTES

WESTERN SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet
		WEST ↓	EAST ↑	
STATIONS				
5759	758.5	NEY (R).....	YTWDPOB	YARD
5757	757.1	FORT WORTH.....		
....	757.1	MO. PAC.(Tower 55).....	BXM	
....	0.0	BN JCT.....		
....	6.1	NORTH YARD (BN).....		
....	40.3	DECATUR.....		
....	68.5	BOWIE.....		
5305	114.1	WICHITA FALLS.....		
....	0.9	WF&NW JCT.....		
8101	1.4	NORTH YARD (MKT) (R)....	TWDP0B	YARD
8114	14.0	BURKBURNETT.....		3300
0021	20.9	DEVOL.....		2884
0027	27.1	GRANDFIELD.....		4209
0034	34.3	LOVELAND.....		3190
0041	40.9	HOLLISTER.....		3228
0049	49.2	HUFF.....		2388
....	50.3	BN.....	XS	....
0053	51.1	GROVER.....		2293
0061	61.1	TIPTON.....		2206
....	74.8	BN.....	CXG	....
0076	75.6	ALTUS (R).....	CYW	2849
....	76.2	AT&SF.....	XS	....
0077	77.3	WELON (On Spur).....	TWPCY	YARD
		194.9		

North Yard—Do not exceed 5 MPH on all yard tracks.

Between North Yard (MKT) and Altus (MP 74.2-B), Rule 94 is in effect. Trains originating North Yard (MKT) will secure clearance North Yard.

Cars exceeding gross weight in tons shown below must not be handled except when authorized by proper authority:

MP 14.0-B to MP 34.3-B.....117
MP 34.3-B to MP 77.3-B.....105

WF&NW Jct. - BN/MKT Main Track switch will be left lined for BN movements.

Burkburnett—Bunge Elevator Spur Track, do not operate engines over scales.

Altus—Hollis & Eastern trains and engines may use MKT Main Track within Yard Limits (MP 74.2-B and MP 78.4-B) under provisions of Rule 93 Amended without clearance or train orders.

NOTES

FLAGGING DISTANCE—Three-fourths mile.

MAXIMUM SPEED MPH

MP 758.5 - MP 757.1.....20
WF&NW Jct. (MP 0.9-B) and MP 2-B.....10
MP 2-B - MP 14-B.....25
MP 14-B - MP 77.3-B.....10

BUSINESS TRACKS MP STA. NO.

Oildom..... 4.0-B 8104
Bacon..... 6.7-B 8107
Frederick.....C 50.7-B 0051
Humphreys..... 67.7-B 0068

Between Fort Worth and BN Jct., Mo. Pac. Railroad Rules, Timetable and Special Instructions govern.

Between BN Jct. and WF&NW Jct. BN Rules, Timetable and Special Instructions govern.

DENTON SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding in Feet
		SOUTH ▼	NORTH ▲	
5722	721.7	DENTON.....	CY	....
		9.2		
5509	730.9	LAKE DALLAS.....		....
		5.9		
5515	736.8	LEWISVILLE.....		1150
		7.8		
5523	744.6	CARROLLTON.....	CO	....
....	744.6	BN - STLSW.....	XA	....
		1.5		
5524	746.1	BEAVER.....	Y	1225
		0.8		
5525	746.9	FARMERS BRANCH.....	Y	....
		3.8		
5529	750.7	OLDHAM.....	Y	2245
		6.6		
....	757.3	DFW JCT.....	YJ	....
		0.7		
....	758.0	DENY.....	Y	YARD
		36.3		

FLAGGING DISTANCE—Three-fourths mile.

MAXIMUM SPEED	MPH
MP K-721.7 - MP K-744.0.....	10
MP K-744.0 - MP K-758.0.....	25

SPEED LIMITS PRESCRIBED BY CITY ORDINANCE	MPH
Carrollton, through city limits.....	20
Dallas, through city limits.....	20
Dallas, over Mockingbird Lane, and Inwood Road at Denton Drive.....	10

Extra trains originating Deny will report for clearance at Dallas (Dallas Subdivision).

Do not exceed 5 MPH on all auxiliary tracks.

Deny—Dallas/Denton Subdivision Main Track switch will be left lined for Dallas Subdivision movements.

DFW Jct.—DFW Jct. switch is a hand-throw electric locked switch. Authority must be obtained from Dispatcher, Denison, Texas, before lining switch for movement to DFW Subdivision.

Dallas—Approach road crossing Inwood Road at Denton Drive prepared to stop and know signals operating or crossing protected by flagman before proceeding.

Carrollton—Cars must not be left on fouling point Belt Line Road, MP K-744.7, on Team Track or on Cotton Belt Track. Fouling point marked by orange boards attached to ties.

Cars exceeding gross weight of 117 tons must not be handled unless authorized by proper authority.

NOTES

SHERMAN SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding in Feet
		SOUTH ▼	NORTH ▲	
....	662.9	SHERMAN JCT.....		....
		8.5		
....	671.4	MO. PAC.....	XSN	....
		0.4		
6211	671.8	SHERMAN.....	CO	YARD
		8.9		

MAXIMUM SPEED	MPH
MP P-662.9 - MP P-671.8.....	10

Except:
Sherman, over street crossings from Mulberry St. to King St., incl.....Flag crossings
Between Sherman Jct. and Sherman, Rule 94 is in effect.

Sherman Jct.—Dallas/Sherman Subdivision spring switch will be left lined for Dallas Subdivision movements.

Sherman—Do not operate engine over rock unloading pit ABC Track.

NOTES

WICHITA SUBDIVISION

WICHITA SUBDIVISION

Station Numbers	Mile Post Location	MAIN LINE		Length Of Siding In Feet	Other Tracks Length In Feet
		SOUTH ↓ STATIONS	NORTH ↑		
7172	172.0	HERINGTON (R).....	BCOWY	....	YARD
....	178.5	AT&SF.....	XA	....	....
7179	178.5	LOST SPRINGS.....	Y	6130	....
....	194.3	MARION.....	C	4660	2450
....	194.5	AT&SF.....	XA	....	....
7208	208.3	PEABODY.....	CF	6135	1965
....	208.5	AT&SF.....	XA	....	....
7223	222.8	WHITEWATER.....		6320	975
....	222.9	MoPac.....	XA	....	....
7230	229.5	FURLEY.....		5130	695
7241	241.2	CLINE.....	CDPTWY	5830	YARD
....	241.6	BN.....	XA	....	....
7242	241.8	WICHITA.....	BOY	....	....
....	242.0	MoPac.....	XA	....	....
....	243.7	NORTH JCT.....	JZ	....	....
....	245.4	SOUTH JCT.....	JZ	....	....
7250	249.6	MIDLAND.....	Y	7200	....
....	266.3	MoPac.....	XA	....	....
7266	266.4	RIVERDALE.....		6220	670
7274	273.8	WELLINGTON.....	CW	3900	2700
7283	283.0	PERTH.....		4630	2455
7295	294.5	CALDWELL (KS).....	FW	5780	YARD
8303	302.6	RENFROW (OK).....		4589	1640
....	311.6	AT&SF.....	XS	....	....
8319	318.5	JEFFERSON.....		6228	2080
8331	330.7	KREMLIN.....		4640	2210
8340	339.5	NORTH ENID (R).....	BCDOPTWY	6044	YARD
		167.5			

Wichita

Between North Jct. and South Jct., trains and engines will be governed by the Wichita Union Terminal Railway Company Special Rules and Regulations, which provide:

"Between interlocking North Jct. and interlocking South Jct. the two west tracks are main tracks signalled in both directions. Trains and engines using these main tracks will be governed by interlocking and block signals whose indications supersede the superiority of trains for both opposing and following movements on the same track.

Interlocking signals at North Jct. and South Jct. controlled by Santa Fe Train Dispatcher located at Newton, Kansas.

Freight cars must not be handled on tracks adjacent to train sheds.

Except as provided above, crews on trains and engines operating over tracks of the Wichita Union Terminal Railway Company will be governed by rules and regulations of their respective company."

Train inspection per ITEM 7 of Special Instructions required for trains departing:

Herington Caldwell
Cline North Enid

Restrictions on Auxiliary Tracks

Peabody—Six-axle diesel locomotives are prohibited over South House Track switch.

BUSINESS TRACKS	MILE POST	STA. NO.
Lincolnville.....	183 Pole 20	7184
Antelope.....	187 Pole 16	7187
Aulne.....	200 Pole 16	7200
Elbing.....	216 Pole 8	7216
Kechi.....	236 Pole 4	7236
Haysville.....	253 Pole 4	7253
Peck.....	258 Pole 32	7259
Wellington Coop.....	270 Pole 33	7271
Corbin.....	287 Pole 0	7287
Medford.....	311 Pole 32	8312
Orin.....	314 Pole 24	8315
Pond Creek.....	322 Pole 8	8322
Cyanamid.....	322 Pole 27	8323
Great Lakes Carbon.....	333 Pole 15	8333

NOTES

FLAGGING DISTANCE.....1-1/4 Miles

MAXIMUM SPEED	MPH
MP 172.0 - MP 236.0.....	40
MP 236.0 - MP 243.7.....	25
MP 245.4 - MP 306.0.....	25
MP 306.0 - MP 320.0.....	40
MP 320.0 - MP 333.0.....	25
MP 333.0 - MP 339.5.....	10

Herington—Railroad crossing at grade, MP 171.3 (MoPac), is a manual interlocking. SSW Operator, Herington, is the Control Operator.

AT&SF Crossing, Lost Springs—Trains finding absolute signal displaying Stop indication must stop not more than 100 feet from signal.

ENID SUBDIVISION

Station Numbers	Mile Post Location	MAIN LINE		Length Of Siding In Feet	Other Tracks Length In Feet
		SOUTH ↓ STATIONS	NORTH ↑		
8340	339.5	NORTH ENID (R).....BCDOPTWY		6044	YARD
....	340.5	BN.....XA	1.0	....	....
8342	341.8	ENID.....Y	1.3	8095	YARD
8355	355.4	BISON.....	13.6	6245	1145
8367	366.5	JACKS.....	11.1	4592	....
8379	378.6	KINGFISHER.....F	12.1	6798	8890
8388	388.4	OKARCHE.....	9.8	5178	1070
8396	396.1	CONCHO.....	7.7	7302	90
....	400.9	NCOK.....XN	4.8	....	....
8403	402.5	EL RENO.....BOWY	1.6	....	YARD
....	403.6	PACIFIC JCT.....Y	1.1	....	....
8418	418.0	MINCO.....	14.4	8010	2645
....	435.7	BN.....CAX	17.7	....	....
8436	436.3	CHICKASHA.....BDOTWY	0.6	6650	YARD
8456	456.0	RUSH SPRINGS.....F	19.7	6316	1130
8476	475.5	DUNCAN (R).....BDOWY	19.5	2589	YARD
			136.0		

ENID SUBDIVISION

BUSINESS TRACKS	MILE POST	STA. NO.
Waukomis.....	349 Pole 20	8350
Hennessey.....	361 Pole 16	8361
Continental.....	363 Pole 4	8363
Humble.....	364 Pole 8	8364
Dover.....	370 Pole 16	8370
Armour.....	380 Pole 18	8380
Wagon Sales.....	404 Pole 4	8404
Jensen Spur.....	405 Pole 15	8405
Oklahoma Brick.....	409 Pole 22	8410
Union City.....	412 Pole 8	8412
Pocasset.....	425 Pole 36	8426
Public Service.....	439 Pole 22	8440
Ninnekah.....	443 Pole 12	8443
Marlow.....	465 Pole 20	8466

NOTES

FLAGGING DISTANCE.....1 Mile

MAXIMUM SPEED MPH
 MP 339.5 - MP 344.0..... 10
 MP 344.0 - MP 402.0..... 30
 MP 402.0 - MP 403.6..... 10
 MP 403.6 - MP 475.5..... 25

SPEED RESTRICTIONS MPH
 El Reno, over all public crossings..... 25
 Except: Rogers, Woodson, Watts and Elm Streets..... 10
 MP 435 Pole 21 - MP 437 Pole 0, over street crossings
 (Engines Only)..... 20

Clearance and Register Requirements

El Reno—Trains originating at El Reno or Pacific Jct. must secure clearance.

El Reno—Trains originating or terminating at El Reno or Pacific Jct. register as required by Rule 83.

Chickasha—Trains originating or terminating register as required by Rule 83.

Train inspection per ITEM 7 of Special Instructions required for trains departing:

- North Enid
- El Reno
- Duncan

Restrictions on Auxiliary Tracks

Kingfisher—Open pit north end No. 3 Track Wolfe Ready Mix Plant.

El Reno—Evergreen Mill private industry scales are not equipped with dead rail. Engines are not permitted on these scales.

DUNCAN SUBDIVISION

Station Numbers	Mile Post Location	MAIN LINE		Length Of Siding In Feet	Other Tracks Length In Feet
		SOUTH ▼ STATIONS	NORTH ▲		
8476	475.5	DUNCAN (R).....	BDOWY	2589	YARD
		5.7			
8481	481.2	SUNRAY.....	Y	6682	YARD
		18.9			
8500	500.1	WAURIKA.....	FTWY	....	YARD
		10.6			
8511	510.7	RYAN (OK).....		6297	1575
		24.8			
9536	535.5	STONEBURG (TX).....		4878	840
		7.9			
....	543.4	BN.....	CXA	....	....
		0.4			
9544	543.8	BOWIE.....		4585	3330
		19.2			
9563	563.0	CHICO.....	BOY	4608	1085
		6.6			
9570	569.6	BRIDGEPORT.....	TY	4585	YARD
		14.9			
9585	584.5	BOYD.....		4597	....
		14.7			
9599	599.2	HICKS.....	Y	5301	....
		5.5			
9605	604.7	SAGINAW.....	CY	4900	1215
....	604.7	AT&SF.....	XM	....	....
		4.9			
....	609.6	StLSW (Tower 60).....	XM	....	....
....	609.6	FT. WORTH BELT (Tower 60)...	XM	....	....
....	609.6	BN (Tower 60).....	XM	....	....
		1.8			
9611	611.4	PEACH.....	PTWY	....	YARD
		0.5			
....	611.9	PURINA JCT.....	YZ	....	....
		0.6			
....		6TH ST. JCT.....	YZ	....	....
		0.6			
....		MOPAC JCT. (17TH ST.).....	Y	....	....
		1.3			
5759		NEY.....	YTWPOG	....	....
		138.9			

DUNCAN SUBDIVISION

Train inspection per ITEM 7 of Special Instructions required for trains departing:

Duncan
 MP 519 Pole 0—Southward trains
 MP 522 Pole 0—Northward trains
 MP 564 Pole 0

Restrictions on Auxiliary Tracks

Ryan—Unloading spout on elevator track will not clear man on east side of car.

Chico—Engines must not go beyond clearance point west end Lone Star Main Track between load track and cleaning track.

Engines not permitted on scales Texas Industries, Inc. located approximately 20 car lengths from east switch on South track ARC Spur, MP 565 Pole 14.

Do not use more than one unit in movements beyond 4000 feet from Main Track switch on Texas Electric Spur, MP 597 Pole 22.

Peach—Engines must not be operated over scales on Purina Elevator Tracks 1 and 3.

BUSINESS TRACKS	MILE POST	STA. NO.
Comanche.....	485 Pole 8	8485
Addington.....	493 Pole 28	8494
Ringgold.....	524 Pole 12	9524
Cities Service.....	561 Pole 10	9561
Trinity.....	564 Pole 0	9564
Vulcan.....	565 Pole 4	9565
Gifford Hill.....	565 Pole 5	9566
Texas Ind.....	565 Pole 14	9567
Lone Star.....	584 Pole 12	9584
Newark.....	591 Pole 22	9592
Texas Electric.....	597 Pole 22	9598
Masonite Lead.....	606 Pole 36	9607

NOTES

ABS between MP 603.0 and MP 608.9.

FLAGGING DISTANCE.....1-1/4 Miles

MAXIMUM SPEED	MPH
MP 475.5 - MP 509.0.....	25
MP 509.0 - MP 555.0.....	40
MP 555.0 - MP 589.0.....	25
MP 589.0 - MP 604.0.....	40
MP 604.0 - MP 608.0.....	25
MP 608.0 - MoPac Jct. (17th St.).....	10

Manual Interlocking between 6th Street Jct. (MP 612.4), Purina Jct. (MP 611.9) and Dalwor Jct. (MP 612.2)—Control Operator is the Dispatcher at Denison, Texas. Do not exceed 10 MPH within these limits.

Between 6th St. Jct. (MP 612.4) and Purina Jct. (MP 611.9), and between Dalwor Jct. (MP 612.2) and Purina Jct. (MP 611.9), hand-operated switches must not be fouled or operated by hand unless governing signal displays Proceed indication or authority is obtained from the Control Operator.

Two Main Tracks between MP 610.2 and MoPac Jct. (17th St.). Yardmaster's instructions will authorize movement on northward track or southward track against the current of traffic. Maximum Authorized Speed (both tracks) 10 MPH.

Register Requirements

Chico—OKT trains originating or terminating register as prescribed by Rule 83.

SALINA SUBDIVISION

NOTES

Station Numbers	Mile Post Location	BRANCH LINE		Length Of Siding In Feet	Other Tracks Length In Feet
		SOUTH ↓	NORTH ↑		
STATIONS					
7620	219.4	SALINA.....		....	YARD
....	219.1	AB JCT.....	0.3	....	....
....	218.7	EAST SALINA.....	0.4	....	....
....	199.3	WEST ABILENE.....	19.4	....	....
....	198.8	OKT JCT.....	0.5	....	....
7598	198.4	ABILENE.....	0.4	....	1280
7593	193.1	ENTERPRISE.....	5.3	....	2400
....	192.8	AT&SF.....	0.3	....	....
7587	186.7	PEARL.....	6.1	....	680
7580	180.3	WOODBINE.....	6.4	....	1280
....	172.8	NORTH HERINGTON.....	7.5	....	....
....	171.3	MoPac.....	1.5	....	....
7172	172.0	HERINGTON (R).....	0.7	....	YARD
			47.4		

FLAGGING DISTANCE.....3/4 Mile

MAXIMUM SPEED.....10 MPH

Salina--All tracks from AB Jct. to end of track are yard tracks.

Between Herington (MP S-172.0) and OKT Jct. (MP S-198.8), Rule 94 is in effect.

Southward trains will obtain UP clearance at Union Station, Salina.

Northward trains will obtain UP clearance at Abilene.

Between East Salina and West Abilene, UP Railroad Rules and Timetable will govern.

Between OKT Jct. and West Abilene and between East Salina and AB Jct., AT&SF Railway Timetable and Rule 93 Amended will govern.

Herington--Trains and engines must secure a clearance when required by Train Dispatcher.

Six-axle diesel locomotives are prohibited.

YUKON SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length of Siding In Feet	Other Tracks Length In Feet
		WEST ▼	EAST ▲		
0486	485.6	HARTER (R).....	DOTWY	5532	YARD
....	486.5	BN.....	XN	....	....
....	486.8	BN.....	XN	....	....
....	487.7	BN.....	XN	....	....
0495	494.5	COUNCIL.....	Y	987	E300
0501	500.9	YUKON.....		7668	6850
0507	506.7	BANNER.....		....	5420
....	512.3	BELT JCT.....	Y	....	....
8401	.....	EL RENO (R).....	BDOPWY	....	YARD
		30.0			

FLAGGING DISTANCE.....3/4 Mile

MAXIMUM SPEED MPH
 MP Y-485.6 - Y-496.4..... 10
 MP Y-496.4 - Y-512.3..... 25

SPEED RESTRICTIONS MPH
 El Reno, over all public crossings..... 25
 Except: Rogers, Woodson and Mitchell Streets..... 10
 Belt Jct. (Through Switch)..... 10

El Reno—All tracks between MP 400.8 (Enid Subdivision) and Belt Jct. (MP Y-512.3) and between Belt Jct. (MP Y-512.3) and Pacific Jct. (MP 403.6, Enid Subdivision) are yard tracks.

Oklahoma City—Hammonds Mill, Inc., Ralston Purina Co. and Eckroat Grain Co. have track scales not equipped with dead rail. Engines are not permitted on these scales.

Employees must not step from engines or cabooses on the north side Main Track from MP Y-497 Pole 24 to Y-497 Pole 29 account insufficient amount of shoulder for walkway.

Yukon—Private industry scales are not equipped with dead rail. Engines are not permitted on these scales.

Industrial and Yard Track Restrictions Account of Bridge:
 Bethany Line (Oklahoma City).....190,000 Lbs.

BUSINESS TRACKS	MILE POST	STA. NO.
OG&E (Two Tracks).....	Y-496 Pole 0	0496
Lacey.....	Y-497 Pole 33	0498
Cimarron.....	Y-503 Pole 19	0503
National.....	Y-503 Pole 24	0504

LAWTON SUBDIVISION

Station Numbers	Mile Post Location	BRANCH LINE		Length of Siding In Feet	Other Tracks Length In Feet
		SOUTH ▼	NORTH ▲		
8436	0.0	CHICKASHA.....	BDOTWY	6650	YARD
....	0.6	BN.....	XA	....	....
8809	9.3	VERDEN.....		....	2100
8818	18.0 } 460.5 }	ANADARKO.....	CY	....	YARD
8876	476.0	APACHE.....		....	2593
8885	485.3	RICHARDS SPUR.....	TY	2286	YARD
8892	492.5	FORT SILL.....	T	2766	2216
8896	496.2	LAWTON.....	C	1259	YARD
....	496.5	BN.....	XN	....	....
8905	504.7	GERONIMO.....		....	1405
8915	514.7	WALTERS.....		....	3275
8922	521.8	TEMPLE.....		....	1535
8500	537.6	WAURIKA.....	FTWY	....	YARD
		95.0			

FLAGGING DISTANCE.....3/4 Mile

MAXIMUM SPEED MPH
 L- 0.0 - L-479.5..... 10
 L-479.5 - L-485.3..... 25
 L-485.3 - L-537.6..... 10

Chickasha—Trains originating and terminating register as prescribed by Rule 83.

Between Richards Spur (MP L-485.3) and Waurika (MP L-537.6), Rule 94 is in effect.

NOTES

SPECIAL INSTRUCTIONS

OPERATING RULES

The Uniform Code of Operating Rules, effective June 2, 1968, is supplemented, modified and amended as follows:

Rule Q. Supplement to: The possession or use of fire-arms while on duty or on company property is prohibited except by those so authorized by proper authority.

Rule 1. Standard Time, Amended: Standard time may be obtained from Radio Station WWV, Fort Collins, Colorado, or Train Dispatchers' Office, Denison, Texas, by employee charged with the duty of maintaining standard clock with correct time.

Rule 3. Supplement to: The time when watches are compared as provided in the second paragraph must be registered on the prescribed form.

Rule 10(g). Supplement to: Speed restriction specified by train order or general order must be complied with until rear of train or engine has passed green flag, or train or engine has cleared limits of the restriction when green flag is not properly displayed.

When yellow flag is displayed and speed restriction is not specified by train order or general order, speed must be reduced to not exceed 10 MPH until rear of train or engine has passed a green flag or has passed a point four (4) miles from the yellow flag.

Rule 19. Supplement to: Electric markers must be illuminated continuously during the hours between one hour before sunset and one hour after sunrise, and during all other hours when weather conditions restrict visibility so that the end silhouette of a standard box car cannot be seen from one-half mile on tangent track by a person having 20/20 corrected vision. Electric markers will be in the red-orange-amber color range.

The markers must be inspected by the train crew at each crew change point to assure that they are in proper operating condition, and any defects must be reported to the Chief Train Dispatcher.

Rule 26. Blue Signal: A blue signal signifies that workmen are on, under or between rolling equipment and that the equipment must not be coupled to or moved, except as provided in (A) and (E) of this rule. Rolling equipment must not pass a blue signal. Other rolling equipment must not be placed on the same track so as to block or reduce the view of the blue signal, except on designated locomotive servicing area tracks, car shop repair area tracks or when a derail is used to divide a track into separate working areas. When a blue signal is displayed at the entrance to a track, rolling equipment must not enter that track.

Blue signals must be displayed by each craft or group of workmen who are to work on, under or between rolling equipment. They may be removed only by the same craft or group who placed them for protection.

When blue signal protection has been removed from one entrance of a track with a switch at each end or from either end of rolling equipment on a main track, that track is no longer under blue signal protection.

Rule 26(A): When workmen are on, under or between rolling equipment and such work subjects them to the danger of personal injury from movement of such equipment, protection must be provided as follows:

ON A MAIN TRACK — A blue signal must be displayed at each end of the rolling equipment.

ON A TRACK OTHER THAN MAIN TRACK — One of the following methods of protection or a combination thereof must be provided:

Each manually operated switch, including trailing point crossover switch, providing direct access to track on which protected equipment is standing, the switches at both ends of the crossover must be lined against entry into the protected track. The switch at the end of that crossover which connects directly to the protected track must be locked and a blue signal displayed at that locked switch. If protected equipment is standing on the switch of such a crossover so

as to block other equipment from entering protected track through crossover, the switch need not be locked or blue signal displayed.

A derail capable of restricting access to that portion of track where work will be performed must be locked in derailing position with an effective locking device and either:

—positioned at least 150 feet from the rolling equipment to be protected; or,

—positioned at least 50 feet from the end of rolling equipment on a designated locomotive servicing track or car shop repair track where speed is limited to 5 MPH.

A blue signal must be displayed at each derail; or

Where remotely-controlled switches provide direct access, the person in charge of the workmen must notify the employee in charge of the remotely-controlled switches of work to be performed and be informed by the employee in charge of such switches that switches involved have been lined against movement to that track and devices controlling the switches have been secured.

The employee in charge of remotely-controlled switches must not remove the locking devices unless informed by the person in charge of workmen that it is safe to do so.

The employee in charge of remotely-controlled switches must maintain for 30 days a written record of each notification, which must contain the following information:

- (1) Date and time notification received of work to be performed;
- (2) Name and craft of employee in charge requesting the protection;
- (3) The number or other designation of track involved;
- (4) Date and time person in charge of workmen notified that protection has been provided; and
- (5) Date, time, name and craft of person in charge of workmen authorizing removal of the protection.

Rule 26(B): In addition to protection required as prescribed in (A) of this rule, when workmen are on, under or between a locomotive or rolling equipment coupled to a locomotive, a blue signal must be attached to the controlling locomotive at a location where it is readily visible to the engineman or employee at the controls of that locomotive.

Rule 26(C): When emergency repair work is to be done on, under or between a locomotive or rolling equipment coupled to a locomotive, and a blue signal is not available, the engineman or employee at the controls of the locomotive must be notified and appropriate measure must be taken to protect the employees performing such work.

Rule 26(D): A locomotive must not enter a designated locomotive servicing area track under the exclusive control of mechanical forces unless blue signal protection governing entry is removed. The locomotive must stop short of coupling to another locomotive.

A locomotive must not leave a designated locomotive servicing area track unless blue signal protection is removed from that locomotive and from the track in the direction of movement.

Blue signal protection removed from track for the movement of such locomotives must be restored immediately after the locomotive has entered or has cleared the area.

A locomotive protected by blue signals may be moved on a track within the designated locomotive servicing area under the exclusive control of mechanical forces, when operated by an authorized employee under the direction of the employee in charge of workmen, after the blue signal has been removed from the controlling locomotive to be repositioned and the workmen have been warned of the movement.

Rule 26(E): Rolling equipment protected by blue signals on car shop repair tracks which are under exclusive control of car department forces may be repositioned with a car mover, when operated by an authorized employee under the direction of the employee in charge of the workmen, after the workmen have been warned of the movement.

SPECIAL INSTRUCTIONS

DEFINITIONS:

Workmen: Railroad employees assigned to inspect, test, repair or service railroad rolling equipment or their components, including brake systems. Train and yard crews are excluded except when assigned to perform such work on railroad rolling equipment that is not part of the train or yard movement they are handling or will handle.

Note — "Servicing" does not include supplying cabooses, locomotives or passenger cars with items such as ice, drinking water, tools, sanitary supplies, stationery or flagging equipment. "Testing" does not include visual observations made by an employee positioned inside or alongside a caboose, locomotive or passenger car.

Group of Workmen: Two or more workmen of same or different crafts assigned to work together as a unit under a common authority and who are in communication with each other while the work is being done.

Rolling Equipment: Locomotives, railroad cars and one or more locomotives coupled to one or more cars.

Blue Signal: A clearly distinguishable blue flag or blue light by day and a blue light at night. The blue light may be displayed either steady or flashing. When attached to the operating controls of a locomotive, it need not be lighted if the inside of the cab area of the locomotive is sufficiently lighted so as to make the blue signal clearly distinguishable.

Effective Locking Device: When used in relation to a manually operated switch or a derail, a lock used that can be locked or unlocked only by the craft or group of workmen applying lock.

Car Shop Repair Track Area: One or more tracks within an area in which the testing, servicing, repair, inspection or rebuilding of railroad rolling equipment is under the exclusive control of Mechanical Department personnel.

Locomotive Servicing Track Area: One or more tracks within an area in which the testing, servicing, repair, inspection or rebuilding of locomotives is under the exclusive control of Mechanical Department personnel.

Switch Providing Direct Access: A switch, which if traversed by rolling equipment, could permit that rolling equipment to couple to the equipment being protected.

Rule 34 [Rules 34 and 34(a)] Superseded: All the members of engine and train crews located in the operating compartment of an engine must communicate to each other in an audible and clear manner the name of each signal affecting the movement of their train or engine as soon as the signal is clearly visible. It is the responsibility of the engineer to have each member of the crew in the operating compartment of the engine comply with these requirements including himself.

It is the engineer's responsibility to have each member of the crew located in the operating compartment of the engine to maintain a vigilant lookout for signals and conditions along the track which affect the movement of the engine or train.

Should the engineer fail to operate or control the engine or train in accordance with the signal indications or other conditions requiring speed to be reduced, other members of the crew must communicate with the crew member controlling the movement at once, and if he fails to properly control the speed of the train or engine, or if a crew member becomes aware that the engineer has become incapacitated, other members of the crew must take action necessary to insure the safety of the train or engine, including operating the emergency valve.

Rule S-88 Amended: Meeting Points Extra Trains — Unless otherwise provided by Train Order Form S-C, at meeting points prescribed by Form S-A Train Order between Extra Trains, the train order must specify which train will hold the Main Track.

Rule 93, 93(a) Amended: Yard Limit Rule — Within yard limits, the Main Track may be used, clearing first class trains at the time shown at the next station in the direction of their approach, but not less than 5 minutes.

If not clear by the time required, train or engine must be protected at that time, as prescribed by Rule 99 Amended.

Within yard limits, the Main Track may be used without protecting against second and inferior class trains, extra trains and engines.

Within yard limits, second and inferior class trains, extra trains and engines must move prepared to stop within one-half the range of vision, short of train, engine, obstruction or switch not properly lined not exceeding 20 miles per hour unless the Main Track is known to clear by block signal indication, per Rule 281, then trains and engines may proceed at maximum speed.

Rule D-93 Amended: Within yard limits, movements against the current of traffic must not be made unless authorized by train order, train dispatcher, yardmaster, or designated supervisor.

Within yard limits, when moving against the current of traffic, all trains and engines must move prepared to stop within one-half the range of vision, short of train, engine, obstruction or switch not properly lined not exceeding 20 MPH.

Note to Rule 93 Amended. — The provisions of this rule do not relieve a train from clearing an opposing superior train as required by Rule S-89.

Rule 94: (NO SUPERIORITY TRAINS:) Between designated points specified in the timetable, trains and engines may use main tracks in either direction not protecting against other trains or engines. All movements must be made at a speed that will permit stopping within one-half the range of vision short of train, engine, railroad car, other track equipment, stop signal, derail or switch not properly lined, looking out for broken rail, not exceeding 20 MPH.

Rule 99 Amended: Flagging Rule — When a train is moving on the Main Track at a speed less than one-half the maximum speed (including Speed Restricting Orders) for trains in that territory, flag protection against following trains on the same track must be provided by a crew member dropping off lighted fuses at intervals that do not exceed the burning time of the fuses.

When a train is moving on Main Track at or more than one-half the maximum speed for trains in that territory under circumstances in which it may be overtaken, crew members responsible for providing protection must take into consideration, grade, track curvature, weather conditions, sight distance and relative speed of his train to following trains and will be governed accordingly in the use of fuses.

When a train stops on Main Track, flag protection against following trains on the same track must be provided as follows: A member of the crew must go back immediately with flagman's signals at least the distance prescribed by timetable or other instructions for the territory, place two torpedoes on the rail not less than 150 feet apart and display a lighted fusee. He may then return one-half of the distance to rear of his train where he must remain until he has stopped a following train, is recalled or relieved. When recalled, he must leave a lighted fusee and while returning to train, must place lighted fusees at intervals not to exceed the burning time of the fusees. When train departs, a crew member must leave a lighted fusee and must continue dropping off lighted fusees at intervals not exceeding the burning time of fusees until train speed is not less than one-half maximum speed for trains in that territory.

When required by the rules, a forward crew member with flagman's signals must protect front of train against opposing movements by immediately going forward at least the distance prescribed by timetable or other instructions for the territory placing two torpedoes on the rail not less than 150 feet apart, displaying a lighted fusee and remaining at that location until relieved or recalled.

SPECIAL INSTRUCTIONS

When a train is seen or heard approaching before the crew member has reached the prescribed distance, he must immediately place torpedoes and continue toward the approaching train, giving stop signals.

A crew member providing flag protection must not permit other duties to interfere with the protection of his train.

When a train requires protection, the engineer must immediately sound Signal 14(c). Inability to hear this signal does not relieve members of the crew from protecting the train.

Flag protection against following trains on the same track is not required under the following conditions:

- (a) In ABS territory, when rear of train is protected by at least two block signals; except will not apply:
- (1) To single unit light engine;
 - (2) To Work Extras;
 - (3) To any unit of equipment which will not actuate the block; or
 - (4) Against opposing trains when required, and against following trains when making backup movement.
- (b) When rear of train is protected by an absolute block, (absolute block being a block in which no train is permitted to enter while it is occupied by another train.)
- (c) When rear of train is within interlocking limits.
- (d) When a train order or special instruction provides that flag protection is not required.

Note — Flagging distances for each subdivision shown on schedule page. Where Maximum Speed as shown on Timetable schedule page or General Order is less than 30 MPH, flagging distance per Rule 99 Amended, when required, is $\frac{3}{4}$ mile.

Rules 99(d), 99(j), 99(k) and Note to Rules 99(j) and 99(k): Cancelled.

Rule 103. Supplement to: When Automatic Crossing Devices at public crossings at grade are inoperative or are not operating properly, and notice is given by train order of such failure or it is otherwise known, trains and engines must stop and flagman will precede movement over crossing affording protection. At night, in addition, burning red fuses will be placed on roadway on each side of track to give warning to approaching traffic.

Crew members must be alert to observe "Power On" light on automatic crossing devices where provided. "Power On" light not illuminated must be reported to the train dispatcher as soon as possible.

Rule 104(15). Amended: At Main Track switches in ABS territory, train and yardmen will operate switch and wait 5 minutes at switch for train or engine movement to Main Track; except:

- (a) When switch is equipped with an electric lock.
- (b) Where block signals governing movement to Main Track indicate proceed, or block indicator indicates block clear.
- (c) Where signals on Main Track indicate proceed.
- (d) At meeting points where switch is operated before the train met has passed its next signal.
- (e) When entering the Main Track between signals to hostile engine or switch train standing between such signals.
- (f) When entering Main Track under Rule 402.

The 5-minute wait does not relieve employees from protecting the movement, when required.

Rule 104(d): Instructions for the Operation of Electrically-Locked Hand-Operated Switches —

- (1) To occupy Main Track, obtain authority from Control Operator before operating switch.
- (2) If movement is to be made from the Main Track, occupy track in advance of switch within 150 feet to obtain quick release of lock.
- (3) To operate switch, remove padlock from Latch Pedal, step on Foot Pedal, and raise switch throw lever. If Foot Pedal cannot be fully depressed within 15 seconds, allow time relay to run for 5 minutes. At expiration of time, depress Foot Pedal and throw switch. (Leave Latch Pedal "Depress to apply padlock" in unlocked position.)
- (4) When movement is completed, restore switch to normal, depress Latch and Padlock Switch.

Rule 105. Amendment to: Trains and engines using a siding, or any track other than Main Track, must proceed at Restricted Speed not exceeding 10 MPH on MKT tracks/5 MPH on OKT tracks, except as otherwise provided.

Rule 107(6). Supplement to: A trainman will ride in the lead unit on trains and yard engines when practicable.

Rule 110. Supplement to: When a train takes siding to be met or passed by another train, it must stop when it gets in the clear and remain stopped until the train on the Main Track has passed it entirely.

All members of the crew of the train standing in siding will inspect both sides of the train moving past them on the Main Track.

When trains stop at or in sidings or other intermediate locations, walking inspections of train must be made when time will permit.

Rule 206(b). Amendment to: A train order may be transmitted to conductor or engineer, or member of crew, in which case such employee copying order will be governed by rules applicable to operators governing repetition and completion of train orders.

If a restricting order is sent in this manner, signature of engineer of train restricted must be received by train dispatcher before "Complete" is given to order for the other train.

Rule 209. Supplement to: Form X speed restricting train orders, Examples (1) and (2) are authorized to be duplicated mechanically on copying machines at offices where these machines are in use and in good condition.

Rule 220. Supplement to: The Conductor and Engineer of trains being tied up short of terminal, and leaving train before relief crew arrives, will secure all train orders and clearances held by their crew which have not been fulfilled. The Conductor will leave the train orders and clearances, the train consist and the delay report with the waybills. The Engineer will leave the train orders and clearances for the head end with the Locomotive Inspection Reports (Forms 1058). The relieving Conductor or Yard Foreman will deliver the waybills, consist and delay report to the proper personnel at the final terminal, and will register arrival of the train on the proper form.

Conductors and engineers operating in territory where Rule 94 is in effect will retain Form X train orders that are in effect until return trip is completed.

Rule 223. Supplement to: The abbreviation "MAX" may be used for the word "maximum."

Rule 285. Supplement to: When emergency light illuminated, proceed, immediately reducing to 40 MPH or slower if necessary, prepared to stop before reaching next signal.

SPECIAL INSTRUCTIONS

Rule 340. Supplement to: At Manually Controlled Interlockings, Sperry Detector Cars actually in service testing rails, and all units of Maintenance of Way Equipment that do not actuate block signals at all times, must not move into or through interlocking limits on interlocking signal indication until permission of Control Operator in charge of interlocking has also been secured and must notify Control Operator when movement through interlocking has been completed.

Rule 344. Supplement to: At Automatic Interlockings, when Absolute Signal displays Stop indication, be governed by instructions in the "release box" in operating release. Release must have been operated and release time interval checked and known to have expired before movement, unless Absolute Signal aspect changes authorizing movement. Sperry Detector Cars actually in service testing rails must not move into or through interlocking limits until Signal Department signalman has actuated interlocking signals so signals display Stop on conflicting routes, and employee in charge of equipment is so notified; or flag protection per rule 99 has been provided on conflicting routes if no Signalman is available. When Maintenance-of-Way work equipment is working within interlocking limits, flag protection must be provided at all times or protection provided on each route by train order in the form prescribed by each railroad affected. Foreman in charge will not permit track work to be done within interlocking limits unless foreman of railroads affected is present, and information regarding train and engine movements and their approach is provided. When Maintenance-of-Way equipment is only to move across conflicting route through interlocking limits, equipment must stop clear of crossing. After stopping it must be ascertained that there is no train or engine closely approaching crossing on conflicting routes. Equipment may then proceed over crossing when no movement is closely approaching crossing on conflicting routes; should equipment be delayed on crossing, flag protection must be provided on conflicting route in both directions until equipment is clear of crossing.

Rule 345 Amended: Interlockings Within ABS Territory. — At interlockings within ABS territory, when a train or engine has moved within interlocking limits either on hand signals, verbal permission, or when preceded by a flagman, it must not move beyond the interlocking limits unless there is a leaving signal governing movement beyond interlocking limits, displaying other than Low, Stop and Proceed, or Stop, except:

- (a) When signal displays Stop, only as prescribed by Rule 350.
- (b) When signal displays Low, or Stop and Proceed, train or engine must be moved forward until leading wheels are 100 feet past signal, wait 10 minutes, then proceed at Low Speed to the next signal.
- (c) When there is not a leaving signal beyond the interlocking limits, train or engine must be moved forward until leading wheels are 100 feet past the absolute signals of the interlocking limits, wait 10 minutes, then proceed at Low Speed to the next signal.
- (d) When it can be ascertained under the provisions of Rule 350, from Train Dispatcher or Control Operator, "There is no opposing train in the block," or if the track ahead is seen to be clear through to the next signal displaying other than Low, Stop and Proceed, or Stop, train or engine may proceed at Low Speed without waiting 10 minutes.

Rule 401 Supplement to: In CTC territory, an extra train originating at a station not an open train order office, may leave such station without a clearance, being governed by signal indications.

Rule 504 Supplement to: Any employee who may be called to report for duty before his legal rest period has expired in accordance with Federal Laws relating to Hours of Service, must report the facts to the proper officer before going on duty.

Rule 510(2) Supplement to: Train and engine service employees must not occupy the roof of a freight car or caboose under any circumstances. Other employees whose duties require them to occupy the roof of a car or caboose may do so only when equipment is standing.

SAFETY RULES

Rule 2 Supplement to: Employees in Train, Engine, Yard, Mechanical and Maintenance of Way service will not wear highheel cowboy, western or similar type boots while on duty. Lace-up shoes or boots with tops at least six (6) inches high are recommended, and the same type with safety steel toes provide the greatest measure of personal safety.

Rule 14 Supplement to: Do not stand in front of coupler to adjust coupler or knuckle, or repair air devices.

Rule 34(x) Amended: Employees must not: Use finger in hole at bottom of coupler to adjust lock pin or place finger in knuckle pin holes while handling knuckles.

Rule 120(a) Amended: Employees must not get on or off moving flat cars or tank cars, except in an emergency.

Rule 142: Employees, seated in cabooses, must use seat belts and restraining harnesses when cabooses are so equipped.

Rule 150 Supplement to: Brakes on sliding end sill or cushion underframe car must not be released from a standing position on ground at end of car.

OPERATION OF RADIO

Radio Channel Designations. — Channel No. 1, MKT frequency, and Channel No. 2, MKT Yard frequency, are in use on all MKT Subdivisions. Foreign line motive power and/or cabooses must be maintained on the following channels unless equipped with MKT radios:

<u>Kansas City Subdivision</u>	<u>Choctaw Subdivision</u>
UP - Channel No. 1	BN - Channel No. 1
BN - Channel No. 1	MOP - Channel No. 1
MILW - Channel No. 1	
CNW - Channel No. 1	<u>Ft. Worth Subdivision</u>
	BN - Channel No. 1
<u>Sedalia Subdivision</u>	MOP - Channel No. 1
BN - Channel No. 2	
<u>Cherokee Subdivision</u>	<u>Texas Subdivision</u>
BN - Channel No. 1	BN - Channel No. 1
	MOP - Channel No. 1
<u>Coffeyville Subdivision</u>	<u>Houston Subdivision</u>
MOP - Channel No. 1	BN - Channel No. 1
<u>Joplin Subdivision</u>	<u>Hillsboro Subdivision</u>
BN - Channel No. 2	BN - Channel No. 1

Channel No. 1, MKT frequency, is in use on all OKT Subdivisions.

Identification of Trains at Meeting or Passing Points. — Proper identification under Uniform Code of Operating Rules 24, 83(a) or S-89(a) may be accomplished by direct radio communication between crews involved. Train must approach such location at Restricted Speed until proper identification is received and acknowledged.

Use of Radio in Connection With Form X Approach Order or Stop Order. — Verbal permission or oral authority may be given via radio to trains and engines authorizing them to proceed through the limits of Approach Order or Stop Order. When granting such authority, the communication must be properly identified in accordance with Radio Rules, given and repeated in the following form and examples:

"MKT/OKT Foreman Smith, in charge of (Extra) gang (location) to Engineer MKT/OKT Train No. 101, over." The engineer Train No. 101 will answer, "Engineer MKT/OKT Train No. 101 Foreman Smith, over." After identification the foreman will authorize movement of No. 101 through limits of order as follows: "Train No. 101 may proceed through limits of Approach (or Stop) Order No. 501 between MP 617 and MP 619 (or over Bridge 617.7 MP 617 pole 28). Men and machines are clear of track and track is OK, over." The engineer of train will repeat back the instructions "Train No. 101 may proceed through limits of Approach (or Stop) Order No. 501 between MP 617 and MP 619 (or over Bridge 617.7 MP 617 pole 28). Men and machines are clear of track and track is OK, over." The gang foreman will respond "OK, out."

SPECIAL INSTRUCTIONS

This authorizes the train or engine to proceed through limits of Approach Order at speed prescribed in order, and to proceed through the limits of the Stop Order, after stopping at the Red Flag or Red Light, at speed not exceeding 10 MPH unless otherwise prescribed by foreman in charge. Foreman in charge may prescribe speed and train or engine will proceed through limits of Stop Order at speed prescribed by foreman.

These instructions do not modify compliance with other rules or signals which restrict the movement of a train or engine.

RULES AND INSTRUCTIONS

Employees Must Provide Themselves With Current Copies Of:

1. Uniform Code of Operating Rules.
2. Uniform Code of Safety Rules.
3. Uniform Code of Rules and Instructions Governing Display of Blue Signal by Workmen When On, Under or Between Rolling Equipment.
4. Rules and Instructions Governing the Operation of a Railroad Radio Communication System.
5. Instructions on Train Handling with Diesel Electric Locomotives for Operating and Mechanical Department Employees ("Red Book").
6. Rules for the Maintenance of Way and Structures for Maintenance of Way employees.
7. Circular No. DP-2, reissued January 1, 1975, by Manager of Personnel, H. M. Hacker.

ENGINE WHISTLE OR HORN SIGNALS, INTERLOCKING

Main Track to Main Track.....	—		
Main Track to siding, or reverse.....	—	0	—
Main Track to industry or transfer or reverse.....	—	0 0	—
Main Track to subdivision, or Main Track of another railroad, or reverse.....		0 0	—

IMPAIRED CLEARANCES

Main Track bridges and structures having vertical clearance above top of rail less than 21 feet 6 inches:

Subdivision	Mile Post	Nature of Structure	Subdivision	Mile Post	Nature of Structure
Choctaw.....	503.6	Viaduct	St. Louis.....	93.4	Bridge
Choctaw.....	623.8	Overpass	St. Louis.....	178.9	Tunnel
Choctaw.....	644.6	Overpass	Salina.....	S-193.5	Bridge
Dallas.....	D-766.6	Bridge	San Antonio..M-	992.2	Overpass
Duncan.....	521.8	Overpass	San Antonio..M-	1031.6	Overpass
Duncan.....	611.2	Overpass	San Antonio..M-	1033.5	Overpass
Duncan(6th St.)	612.4	Overpass	San Antonio..M-	1033.7	Overpass
Enid.....	373.3	Overpass	San Antonio..M-	1034.0	Overpass
Enid.....	436.3	Overpass	San Antonio..M-	1034.1	Overpass
Hillsboro.....	D-767.5	Viaduct	San Antonio..M-	1034.2	Overpass
Houston.....	1084.1	Overpass	San Antonio..M-	1034.4	Overpass
Kansas City.....	A-6.5	Overpass	San Antonio..M-	1034.5	Overpass
Oklahoma.....	Y-397.8	Bridge	San Antonio..M-	1034.6	Overpass
			Wichita.....	274.2	Overpass

Main Track bridges and structures having horizontal clearance between points 4 feet and 16 feet above top of rail, less than 7 feet 4 inches from center line of Main Track:

Subdivision	Mile Post	Nature of Structure
Fort Worth.....	MOP-203.3	Bridge
Fort Worth.....	784.3	Bridge
Houston.....	1084.1	Overpass
St. Louis.....	93.4	Bridge
St. Louis.....	178.9	Tunnel
San Antonio.....	M-992.2	Overpass
San Antonio.....	M-1033.5	Overpass
Western.....	BN-114.73	Bridge

MOVEMENT OF TRAINS

ITEM 1. Superiority of Trains by Direction: Southward and Westward regular trains are superior to Northward and Eastward regular trains of the same class. (See Rule S-72).

ITEM 2. Governing Timetable and Rules: Crews of foreign line trains operating over MKT/OKT tracks, unless otherwise instructed, are subject to Uniform Code of Operating Rules, Timetable and Special Instructions of the MKT/OKT and must provide themselves with copies thereof, be conversant therewith and governed thereby. Unless otherwise provided, MKT/OKT trains and engines using foreign line tracks under joint track agreements or otherwise, will be governed by the rules and instructions and subject to the jurisdiction of the officers of the line being used.

TIME SHOWN IN SMALL FIGURES ON SCHEDULE PAGE IS FOR INFORMATION ONLY AND CONFERS NO AUTHORITY.

ITEM 3. Restricted Speed Requirements: Engines running light, with or without a caboose, must not exceed 40 MPH except: Nos. 1 to 44 inclusive (Tonnage Class 34) must not be operated or towed in train in excess of 30 MPH.

Engines towed in train, handle next to operating engine of through trains and behind short cars of trains setting out and picking up.

AMTRAK passenger trains with 500 through 649 series locomotives must reduce speed to 40 MPH around all curves.

Trains handling one (1) or more empty bulkhead flat cars must not exceed 40 MPH.

Loaded unit coal trains must not exceed 35 MPH.

MKT/OKT trains handling 30 or more loads of grain, rock and/or ballast must not exceed 35 MPH.

Trains handling Derricks 1040 and 1041, Pile Driver 1031 and Scale Test Car 77 must not exceed 25 MPH.

Trains handling Derrick 1042 must not exceed 10 MPH.

All Engine Servicing Tracks—Movements must not exceed 5 MPH.

The Maximum Speed for a designated chemical train is 10 MPH less than the Maximum Speed for that subdivision, except where Maximum Subdivision Speed is 30 MPH or less, designated chemical trains may operate at Maximum Subdivision Speed. Where lower speed restrictions are in effect within the subdivision they will govern.

Chemical trains will be defined as those trains that carry 20 or more loaded chemical cars for which a hazardous material response is generated and shown at the end of the train consist, or for which the Conductor and Engineer have been furnished notification with their consist.

It will be the responsibility of the conductor to notify the dispatcher that his train has 20 or more of these cars and is, therefore, designated as a chemical train. If two opposing chemical trains are to meet, the chemical train holding Main Track must stop back clear of the siding until opposing chemical train is in siding and stopped. Chemical train taking siding will be restricted to 10 MPH through turnouts while entering and leaving siding and while operating in the siding.

Trains handling placarded tank cars of 112-A and 114-A types loaded with anhydrous ammonia, chlorine, or any compressed flammable gas will observe the following instructions:

Where maximum authorized speed is 50 MPH, do not exceed 40 MPH.

Where maximum authorized speed is 40 MPH, do not exceed 30 MPH.

SPECIAL INSTRUCTIONS

Trains having six-axle locomotive unit(s) in their engine consist are restricted to 5 MPH less than the speed shown for freight trains on curves having permanent speed restriction signs until the locomotive units are around the curve(s).

Speed limits prescribed by City Ordinance shown on Schedule Page for information only; except, where speed limit is less than authorized maximum speed, speed prescribed by City Ordinance will govern and will be observed until engine is over crossing(s) within city limits; speed then may be increased.

Trains and engines must not exceed 10 MPH through turnouts, unless otherwise provided.

In CTC territory where maximum speed permitted is in excess of 20 MPH, trains and engines using a Main Track switch not equipped with electric lock must have a portion of the train or cars occupying Main Track or leave Main Track switch open while using such track. The following locations are affected:

Consumers Co-Op Spur (MP 501.5)
Frazier Spur (MP 766.0)
Burlison Team Track (MP 771.2)
Bay Plastic Spur (MP 772.7)
Granger, South Switch Old East Siding (MP 908.8)

To avoid harmonic oscillation and rocking of freight cars, train speeds of 10 MPH to 20 MPH must be avoided when possible. Acceleration or deceleration through this speed range must be accomplished on tangent track, and should be accomplished within the shortest practicable distance. Red reflective tape on speedometer faces calls attention to speed range of 12 MPH to 18 MPH. When train enters this speed range, the engineer must notify personnel on caboose via radio communication.

Length of sidings is shown in timetable in feet. Markers showing distance in feet for measuring length of trains are located on poles along side track. When trains leave terminal, length of train will be measured by these markers, and this information communicated or relayed to train dispatcher, when practicable.

ITEM 4. Restrictions in Operation of Locomotives and Cars: Derricks 1040, 1041 and 1042 and Pile Driver 1031 must be located in train not less than four cars nor more than ten cars from engine and if handled with another one of these machines, must be separated by six cars.

Scale Test Car 77 must be handled next ahead of caboose.

Company material cars MKT 100100 through MKT 100299, MKT 100350 through MKT 100359, and GRR 10 must be handled in the rear portion of train, or in local service.

Derricks 1040, 1041 and 1042 and Pile Driver 1031 are self-propelled when gears engaged and must not be moved by engines when gears are engaged.

All flatcars of any description, loaded or empty, having eight (8) or more axles will be moved only with message instructions received from the office of the General Superintendent of Transportation, Denison, Texas. Flatcars MKT 14002 and MKT 14003 are excepted from these instructions.

Bulkhead flat cars that are equipped with center beam (or partition) extending entire length of car requires the loading or unloading to be performed on both sides. This type of car must not be moved when one side only has been loaded or unloaded.

Empty flat cars, which are longer than 60 feet, must be handled in the rear-quarter of the train, and must not be placed ahead of heavy loads (loads exceeding 80 tons).

Diesel engines will not be operated through water, except when authorized by proper authority.

Many engines now have a protective device known as "Crankcase Pressure Detector." This device is located near the "Lay Shaft" on EMD motors and is identified by the words

"Crankcase Pressure" embossed on the device. The following WARNING, quoted from the manufacturer's instructions, must be literally observed. Serious personal injury can occur if this warning is not complied with:

WARNING: Following an engine shutdown because the crankcase pressure detector has been actuated, DO NOT open any handhole or top deck covers to make an inspection until the engine has been stopped and allowed to cool off for at least two hours. DO NOT attempt to restart the engine until the cause of the trip has been determined and corrected. The action of the pressure detector indicates the possibility of a condition within the engine, such as an overheated bearing, that may ignite the hot oil vapors with an explosive force if air is allowed to enter. DO NOT operate the engine until the pressure detector has been replaced, since the diaphragm backup plates may be damaged.

Supplement to Item 102, Paragraph (z), Page 72, of "RED BOOK" Instructions: When coupling into cars in a TOFC Ramp Track, or when spotting cars to a TOFC Ramp, the movement must first be stopped between 5 and 20 feet from the standing cars or TOFC Ramp.

ITEM 5. Automatic Block Signals: Shown on schedule pages.

ITEM 6. Movements by Signal Indication (Rules 400-404): Shown on schedule page.

ITEM 7. Train Inspections: In addition to inspections per Rules 110 and 111 of Uniform Code of Operating Rules, trainmen or other competent employees will make train inspections of both sides of trains where required.

When train inspection is made by crew of their train, Head Brakemen will drop off and have one-half of train pulled by and then train will stop. Head Brakeman will cross over and walk the front one-half of train. Rear Brakeman will walk the rear one-half of train and cross over. Train will then pull by to be inspected on opposite side and Rear Brakeman will board caboose.

When a train is stopped with emergency application of the brakes, whether from locomotive or train, following instructions must be observed:

1. If train is separated, entire train must be inspected, also observing track structure to determine if the emergency application caused track damage.

2. If train is not separated, train may be moved when proper brake pipe pressure is obtained and brakes fully released, not exceeding 10 MPH for the first train length. Crew members will closely observe train and members of crew on rear of train must observe track structure to ascertain any track damage that may have resulted from the emergency brake application.

3. Each emergency stop must be reported to the train dispatcher by the first available means of communication.

Note to ITEM 7:

The following instructions apply only to train(s) authorized to operate with all crew members occupying the engine:

When starting train, crew members must know all cars in train are properly coupled and moving before reaching Maximum Speed.

When leaving stations and at every opportunity on the road, conductors must carefully inspect and require their trainmen to carefully inspect the train for defects.

If train is moving when defect is discovered, train must be stopped.

Engineers and other members of crew on engine must frequently look back, especially when moving around curves and approaching and passing stations, to observe signals and to note condition of train.

SPECIAL INSTRUCTIONS

When approaching and passing through stations or yards, or passing over railroad crossings, drawbridges, track covered by speed restricting orders, or on long descending grades, and other places where safety requires, conductors and brakemen must, when practicable, station themselves where they can observe conditions and transmit signals and assist in stopping train, if necessary.

When train inspection is made by crew members riding in the engine, a crew member may drop off and have the entire train pulled by and then train will stop. Crew member will then crossover and walk back to the engine on the opposite side of the train.

When a train is stopped with emergency application of the brakes, whether from the locomotive or train, the entire train must be inspected, also observing track structure to determine if the emergency application caused track damage.

Each emergency stop must be reported to the Train Dispatcher at the first available means of communications.

ITEM 8. Hot Box and Dragging Equipment Detective Systems: Monitor Display Boards and Hot Box and Dragging equipment Indicator Lights are mounted on a Signal mast at approximately caboose personnel eye level.

The Monitor Display Board is illuminated (white light) as a train passes and two (2) seconds after the train passes, the detector will display:

1. Three zeros in the absence of hot box or dragging equipment.
2. Numerals indicating the accumulated axle count from the car in distress to the rear of the train.

The Hot Box and Dragging Equipment Indicator Lights are normally dark and illuminate displaying flashing yellow aspect on top and red aspect on the bottom of the Display Board only when a car in distress has been detected.

When radio communication is available, the engineer or other member of crew on engine designated by him must inform the conductor or other member of crew at rear of train when the train is approaching hot box or dragging equipment detective system. The engineer must then be informed whether or not the train must be inspected. Both communications must be properly acknowledged.

If there is no radio communication available, the engineer must carefully note train line air gauge as the train passes indicator for any indication that the train brakes are being applied from the caboose and take appropriate action accordingly.

As the train passes a detector and it reveals a passing car or engine to be in distress, one of the following indications will be observed:

1. Single flashing yellow light. The right or left hot box indicator light on top of the display board will start to flash immediately upon detection of a hot journal indicating the side of the train having the overheated journal.
2. Flashing yellow center light together with either right or left light. Another hot box was detected subsequent to the one which is numerically indicated on the display board and the hot boxes detected were all on the same side of the train.
3. Flashing yellow lights both right and left. Probable hot box on both sides of the train and indicated hot box may be on either side.
4. All three top indicator lights flashing yellow. Indicated hot box may be on either side and one of the subsequent hot boxes was on the other side.
5. Flashing right and left yellow lights and red bottom light. Dragging equipment has been detected.
6. All three top indicator lights flashing yellow and red bottom light. Dragging equipment plus one or more hot boxes or additional dragging equipment has been detected and indicated car may be in distress on either side.

When the hot box and dragging equipment indicator light displays one of these aspects, the train must be stopped and inspected. Head end and rear end crew members must be on the lookout for and continue to observe the indicator lights until the entire train has passed the indicator, if practicable, and must take whatever action may be required.

In the event there is a power failure of the detective system, the white light located on the signal house ("power-on" light) will not be illuminated and this must be reported to the Train Dispatcher by the first available means of communication.

When the display board does not display a three-digit indication, when the indication of the display board cannot be seen, or when train order instructions indicate that the indicator is inoperative or out of service, the train must be stopped and inspected unless a running inspection can be made by employees on both sides of the train. Both employees need not be at the same location; however, both sides must be inspected in the immediate vicinity of the hot box detector site and train must not exceed 25 MPH until the inspection has been completed.

Locating car in distress:

If there is an indication that there is only one car in distress, all the journals on the car indicated on the Display Board plus two cars on either side of the car must be inspected. Only those journals on the side indicated need be inspected.

When there is an indication that more than one car in distress or that there may be dragging equipment, the entire train must be inspected from the rear of the train to and including five (5) cars ahead of the car indicated on the Display Board, in accordance with Rule 111.

When making the inspection, the entire car must be visually inspected for obvious mechanical defects, such as broken bolster, broken truck-side, loose wheel, fouled or dragging brake rigging, hand brake set, sticking brakes, dragging pinlifter, or car being derailed.

A report of the results of the hot box detector inspection must be wired to the Superintendent, including car initial and number and indication displayed by indicator lights.

The presence or location of hot box and dragging equipment detective systems does not relieve train and engine crews from the responsibility of inspecting trains for defects as prescribed in the Uniform Code of Operating Rules.

Hot box detector systems do not function properly when train is stopped on detector circuit or when train passes over circuit at a speed of less than 5 MPH. Trains are not to be stopped on detector circuits when it can be avoided.

If a car equipped with roller bearing wheels actuates two hot box detectors and the crew is unable to find an overheated journal or other defect, the car must be set out so it can be inspected by qualified Mechanical Department personnel.

Connecting crews, if any, must be notified by incoming crew of failure to locate overheated journal if an indication was received on a hot box detector and the car was not set out.

Whenever a train passes a detector and does not receive a distress indication, but develops an overheated journal within 20 miles of the detector, the Conductor must report the details to the Superintendent.

SPECIAL INSTRUCTIONS

ITEM 9. Standard Clocks and General Order Books

Altus..... Freight Station
 Baden..... Train Order Office
 *Enginehouse
 Bartlesville.. Yardmen's Room
 Bellmead..... Trainmen's Room
 Chickasha.... Train Order Office
 Chico..... Train Order Office
 Clinton..... Freight Office
 Coffeyville..#Train Order Office
 *Enginehouse
 Dallas..... Yard Office
 *Enginehouse
 *Yardmen's Room
 Denison..... Dispatchers' Office
 Duncan..... Train Order Office
 El Reno..... Train Order Office
 Eureka..... Yard Office
 *Enginehouse
 *Yardmen's Room
 Fort Scott... Train Order Office
 Franklin..... Train Order Office
 Galena..... Train Order Office
 Garland..... Yard Office
 Glen Park.... Yard Office
 *Locker Room
 *Howard Johnson Motel

Harter..... Yard Office
 *Enginemen's Room
 Herington.... Train Order Office
 McAlester.... Freight Office
 Muskogee.... Yard Office
 Ney..... Yard Office
 *Locker Room
 North Enid... Train Order Office
 North Yard... Yard Office
 *Enginemen's Room
 Parsons..... Yard Office
 Enginemen's Room
 *Yardmen's Room
 Pryor..... Freight Office
 Ray..... Yard Office
 *Enginehouse
 San Marcos... Freight Office
 Sedalia..... Freight Office
 Shawnee..... Freight Office
 Sloan..... Yard Office
 Smithville... Yard Office
 Temple..... Freight Office
 TYO..... Freight Office
 Waxahachie... Freight Office
 Wichita..... Train Order Office

* General Order Book Only
 # Standard Clock Only

ITEM 10. Yard Limits

Altus.....	74.2-B — 78.4-B	Military.....	S-428.3 — S-432.1
Anadarko.....	L-15.38 — L-463.5	Muskogee.....	500.7 — 505.6
Bellmead.....	840.85 — 852.0	Nevada.....	314.6 — 317.4
Chanute.....	B-25.0 — B-27.8	New Braunfels..	M-1001.5 — M-1007.0
Chetopa.....	407.0 — 412.0	Ney.....	MOP-237.5 — 764.9
Chickasha.....	434.0 — 440.0	North Enid....	333.0 — 346.0
	L-0.0 — L-2.0	Paola/Ringer...	A-42.9 — A-47.0
Chico/Bridgeport	561.0 — 571.0	Parsons.....	381.0 — 389.4
Cline/Wichita...	236.0 — 251.0		A-133.4 — A-138.6
Clinton.....	265.0 — 266.8		B-3.5
Columbus.....	S-419.1 — S-420.0	Peach.....	596.0—MoPac Jct (17th St)
Dallas.....	D-753.2 — D-771.1	Pryor.....	463.0 — 471.0
	K-745.8	Ray.....	655.36 — 669.0
Duncan/Sunray...	473.0 — 483.0		D-666.2
Durant.....	638.0 — 644.0	Richards Spur..	L-484.25 — L-485.3
El Reno.....	400.0 — 410.0	San Marcos.....	M-984.9 — M-988.0
	Y-510.0 — Y-512.3		M-49.5
Eureka.....	1070.8 —GHH10.04	Sedalia.....	224.0 — 230.2
Fort Scott.....	336.5 — 339.1	Shawnee.....	Y-445.6 — Y-450.8
Franklin.....	187.0 — 195.2	Sloan.....	M-1023.8 —M-1038.5
Garland.....	D-749.4 — D-753.2	Smithville.....	967.6 — 971.3
Granger.....	906.5 — 909.4		M-2.0
	U-909.12	Taylor.....	916.08 — 919.92
Greenville.....	D-711.5 — D-718.1	Temple.....	877.9 — 884.0
Harter.....	Y-481.0 — Y-496.4	Vinita.....	436.0 — 441.0
Herington.....	172.0 — 180.0	Wagoner.....	485.0 — 490.0
Hillsboro.....	808.8 — 814.9	Waurika.....	498.0 — 502.3
LCRA.....	994.6 — 997.6	Waxahachie....	D-790.0 — D-798.1
McAlester.....	Y-365.0 — Y-369.0	Whitesboro.....	683.2—MOP174.13
	560.2 — 575.0		

ITEM 11. Official Watch Inspectors

United Railway Time Service, Inc.
 911 Franklin Avenue
 Houston, Texas 77002

Watch inspectors (see Rule 2) are located as follows:

Altus, OK.....Green's Jewelry Company
 122 West Broadway
 Appleton City, MO.....Appleton City Jewelry Company
 109 West Fourth Street
 Austin, TX.....Carpenter's Watch and Jeweler
 111 West Seventh
 Boonville, MO.....Gmelich & Schmidt Jewelry Company
 309 Main Street
 Cushing, OK.....McCoy's Jeweler
 101 East Broadway
 Dallas, TX.....Pete's Jewelers
 2223 South Buckner Boulevard
 Denison, TX.....Gray's Credit Jewelers
 505 West Main Street
 El Reno, OK.....J.K.M. Company
 105-107 S. Bickford
 Fort Scott, KS.....Bartlesmeyer's Jewelry
 14 East Walnut
 Fort Worth, TX.....Norman's Jewelers
 3534 Denton Highway
 Greenville, TX.....Taylor Brothers Jewelry
 2518 Lee
 Hillsboro, TX.....T. B. Bond Jeweler
 South Side Square
 Hominy, OK.....White's Jewelry Company
 108 West Main
 Houston, TX.....Houston Watch Company, Inc.
 911 Franklin Avenue
 Billings Jewelers
 1025 North Shepard
 Joplin, MO.....Tic-O-Time Jewelry, Inc.
 712 Main Street
 Kansas City, KS.....Johnson Jewelry, Inc.
 6534 Kaw Drive
 McAlester, OK.....Hunt's Jewelry
 123 East Choctaw
 Muskogee, OK.....Klar Brothers Jewelers
 234 West Okmulgee
 Oklahoma City, OK.....B. C. Clark Jeweler
 101 Park Avenue
 Robinson Jewelry Comapny
 204 West Commerce
 Peacock Jewelers
 Penn Square
 Parsons, KS.....Pfeiffer Jewelry Company
 78 Parsons Plaza
 St. Louis, MO.....Hartig Jeweler
 8 River Road Center
 Jennings, MO
 Hart Jewelers
 7342 Manchester Avenue
 Maplewood, MO
 San Antonio, TX.....Lloyd's Jewelers
 3111-A Nacogoches
 Sedalia, MO.....Reed & Son Jewelers
 309 South Ohio
 Smithville, TX.....Ragsdale Jewelry Company
 205 Main
 Tulsa, OK.....M. L. Hardesty Jeweler
 712 West 23rd Street
 Waco, TX.....Kindler's Gem Jewelers
 4700 Bosque - Market Place
 Waxahachie, TX.....Maxwell Jewelry Company
 311 South Rogers

SPECIAL INSTRUCTIONS

ITEM 12. Railroad Company Medical Staff

Dr. W. D. Blassingame
 Medical Director
 Denison, Texas

Abilene, KS 67410.....	Dr. J. Dennis Biggs Dr. Gary W. Coleman Dr. J. Steven Schwarting Abilene Family Physicians 1405 North Cedar Telephone: 913/263-7190	Joplin, MO 64801.....	Dr. Joe L. Longenecker 2503 Jackson Avenue Telephone: 417/624-7311
Austin, TX 78702.....	Dr. Robert W. Pape 1213 North IH-35 Hwy. Telephone: 512/476-9141	Kansas City, KS 66103.....	Dr. J. W. Young 1401 Southwest Blvd. Telephone: 913/262-0550
Chickasha, OK 73018.....	Dr. C. R. Gibson Chickasha Clinic 2222 Iowa Street Telephone: 405/224-4853	Kansas City, MO 64105.....	Dr. W. H. Duncan Admiral & Oak Telephone: 816/842-1146
Dallas, TX 75235.....	Dr. M. B. Teddlie 2719 Manor Way at Denton Drive Telephone: 214/358-3367	Muskogee, OK 74401.....	Dr. G. W. Tracy 1524 West Okmulgee Telephone: 918/682-0210
Denison, TX 75020.....	Dr. W. D. Blassingame 501 West Gandy Street Telephone: 214/465-5005	Oklahoma City, OK 73102.....	Dr. Lorance M. White Dr. G. A. Bocox Adams Clinic 1015 North Shartel Telephone: 405/232-6144
El Reno, OK 73036.....	Dr. K. L. Preacher Dr. F. W. Hollingsworth Dr. Margaret A. Mehle Dr. G. K. Dravid Dr. Jesse G. Sullivan Canadian Valley Clinic 2001 Park View Drive Telephone: 405/262-2114 Dr. Ted E. Webb Dr. Malcom E. Phelps Dr. Clinton R. Strong 1801 Park View Drive Telephone: 405/262-2262	Parsons, KS 67357.....	Dr. John P. White Dr. A. L. Sharma Parsons Clinic 1509 Main Telephone: 316/421-0600
Enid, OK 73701.....	Dr. B. R. Hinson 330 South Fifth Telephone: 405/233-1200	St. Louis, MO 63101.....	Dr. Vernon Balster Sutter Clinic, 2nd Floor 819 Locust Street Telephone: 314/621-4300
Fayette, MO 65248.....	Dr. M. P. Leech c/o Albert Keller Mem. Hosp. 600 West Morrison Telephone: 816/248-2261	San Antonio, TX 78209.....	Dr. Walter Walthall 6714 N. New Braunfels Ave. Telephone: 512/828-2531
Ft. Worth, TX 76133.....	Dr. C. B. Bruner 6113 Hulen Street Telephone: 817/292-5000	Smithville, TX 78957.....	Dr. James W. Thomas P. O. Box 717 701 East 9th Telephone: 512/237-3231
Herington, KS 67449.....	Dr. Fred Dozier Dr. Jonas Bustos 1005 North "B" Telephone: 913/258-2215	Tulsa, OK 74104.....	Dr. Kenneth B. Craig 2732 East 15th Street Telephone: 918/744-0082
Hillsboro, TX 76645.....	Dr. David B. Skelton 101 Circle Drive Telephone: 817/582-3401	Vinita, OK 74301.....	Dr. O. W. Dehart Vinita Medical Associates P. O. Box 308 803 North Foreman Telephone: 918/256-6464
Houston, TX 77008.....	Dr. Norman H. Moore, Jr. Durham Clinic 427 West 20th Street Telephone: 713/869-3701	Waco, TX 76708.....	Dr. Horace H. Trippet Hillcrest Med. Twr., Suite 204 3115 Pine Avenue Telephone: 817/753-2437
		Wichita, KS 67214.....	Dr. Rolland K. Enoch 315 North Hillside Telephone: 316/681-0423
		Wichita Falls, TX 76301.....	Dr. Hulen J. Cook, Jr. 500 Broad Street Telephone: 817/723-4149

SPECIAL INSTRUCTIONS

ITEM 13. Hazardous Materials

- A. When leaks, spills, derailments or fires occur in connection with the transportation of Hazardous Materials, the immediate aim of those in charge is to prevent injury or loss of life and to minimize property damage and exposure. To do this intelligently, it is necessary to know what materials are involved, and to have some knowledge of their properties.

To enable field personnel to know how to approach one of the above situations confidently, all Road Caboose, Yard Offices, Freight Offices, Mechanical Offices, and Officers have been furnished a copy of the Bureau of Explosives handbook, Emergency Handling of Hazardous Materials in Surface Transportation.

- B. HYDROCYANIC ACID cars have a red stripe around each end of the car and lengthwise around the car. Both sides and ends have a large red and white stenciled area showing the contents as "Class A Poison," and an emergency telephone number.

HYDROCYANIC ACID is a highly lethal poison as shown below:

- (1) Description of material and potential dangers:
 - a. 2700 parts per million mixed with the atmosphere is fatal to humans in 30 seconds of breathing.
 - b. Lethal amounts may be absorbed through the skin, as well as by inhalation.
 - c. Human contact with the vapor is detected by a bitter almond taste and odor, followed by a painful tingling of the lips and nostrils.
 - d. No known antidote for a lethal dose.
 - e. Conventional canister gas masks are not effective. Only a self-contained breathing apparatus is safe.
 - f. The material is flammable and will burn furiously, but is not explosive.
 - g. Material is under pressure in cars and turns from liquid to vapor at 80 degrees Fahrenheit.
- (2) Empty tank cars must be handled as carefully as loaded movements.
- (3) If one of these cars is involved in a derailment, Chief Dispatcher will be notified promptly so specially equipped and trained employees of the shipper may be flown to the scene. This must be done regardless of how slight the involvement.
- (4) In the event of trouble, the men on the ground must be advised of the danger involved so that they would not breathe any fumes that may be leaking from the car. Men should not approach the car area unless it is definitely known that the car or cars are not involved and then only with extreme caution and upwind if possible.
- (5) If one of these cars is leaking from any point and catches fire, LET IT BURN. DO NOT ATTEMPT TO PUT OUT THE FIRE AND DO NOT PERMIT LOCAL FIRE DEPARTMENT TO ATTEMPT TO DO SO.
- (6) To further bring to the attention of yard and train crews, clerks, car inspectors and others involved in transportation, the shippers will, in addition to sticker now attached, provide an additional sticker to be attached to the top left corner of the waybill that is large enough to protrude outside the waybill so as to attract the attention of those handling. This sticker will bear a picture of the tank and direct attention to the sticker attached to the body of the bill.

- C. Union Carbide tank cars in the series UCOX 150 thru 184 require special handling. These 100-ton, 30,000-gallon tank cars contain LIQUID ETHYLENE and are placarded "FLAMMABLE." When two or more of these cars are moving together the 'A' ends of the cars must not be coupled together.

ITEM 14. Instructions for Crew in Event of Derailment

Check other crew members for injuries—Give FIRST AID/CALL FOR HELP if needed.

Get WAYBILLS, WHEEL REPORT (or other documents with Hazardous Material information).

Find the WAYBILLS marked in UPPER LEFT CORNER as:

EXPLOSIVE
DANGEROUS
POISON GAS
RADIOACTIVE MATERIAL

(The conductor should have already reviewed the waybills.) When found, KEEP waybills until full details have been reported to the dispatcher, AND FIND LOCATION OF CARS IN TRAIN BY USING WHEEL REPORT.

Head-End Crew: Survey derailment for FIRST CAR derailed.
Rear-End Crew: Survey derailment for LAST CAR derailed.

IF HAZARDOUS MATERIALS ARE INVOLVED,
DO NOT GO NEAR DERAILED CARS

Survey the AREA for ROADS, BUILDINGS or other PUBLIC structures.

Look for FIRES and/or LEAKING MATERIAL.

Call DISPATCHER and give your location. If Bell phone is used, call (214)465-8933.

STAY IN CONTACT WITH DISPATCHER
WHILE HE IS GETTING INSTRUCTIONS FOR YOU TO FOLLOW

Give Dispatcher the information he requests, which will include the following from the WAYBILLS of cars containing Hazardous Materials:

1. Car Initial and Number
 2. Consignee Name
 3. Consignee Location
 4. Shipper Name
 5. Shipper Location
 6. Commodity code number (49 _____)
 7. Wording that Appears in Bottom Left Corner of Waybill (Description, Material Class, Placard)
- NOTE: Spell The Names Of Chemicals.

STAY IN CONTACT WITH DISPATCHER
WHILE HE IS GETTING FURTHER INSTRUCTIONS

Get READY for the following IF's:

IF Local Authorities Appear:
Give them NAME of HAZARDOUS MATERIAL and 49 CODE NUMBER and Advise them to STAY AWAY and KEEP PUBLIC AWAY.

IF Local Authorities Insist on Taking Action Before You Receive Further Instructions:
Tell them to CALL CHEMTREC (800)424-9300.

IF Dispatcher Relays Advice:
Give it to LOCAL AUTHORITIES.

IF Railroad Personnel Appear:
Warn them of DANGER; and
Get them to HELP CONTROL SPECTATORS.

IF A Supervisor Arrives:
Explain Situation, What Has Been Done, Who Has Been Notified, and Advice Received From Dispatcher; and Follow Supervisor's Orders.

SPECIAL INSTRUCTIONS

ITEM 15. Hazardous Material 49 Code Definitions

These 49 Codes are shown on waybills under Commodity Code:

01 CLASS A EXPLOSIVE

A solid explosive which is easily detonated or otherwise of maximum hazard. Example: Black Powder

02 CLASS B EXPLOSIVE

Explosives which are generally ignited by means other than detonation. Example: Flash Powder

03 CLASS C EXPLOSIVE

Manufactured articles which contain Class A and/or Class B explosives in restricted quantities. Example: Ammunition

04 NONFLAMMABLE COMPRESSED GAS

A nonexplosive or nonflammable gas in containers or tank cars under pressure exceeding 40 psi.

05 FLAMMABLE COMPRESSED GAS

An explosive or flammable gas in containers or tank cars under pressure exceeding 40 psi.

06-07-08-09-10 FLAMMABLE LIQUIDS

Any liquid that has a flash point at or below 100 degrees F.

12-13-15 COMBUSTIBLE LIQUIDS

Any liquid that has a flash point at or above 100 degrees F. and below 200 degrees F.

16-17 FLAMMABLE SOLIDS

A solid material, other than one classified as an explosive which is liable to cause fires through friction, absorption of moisture, chemical changes, retained heat or which can be easily ignited.

18-19 OXIDIZING MATERIALS

A substance that yields oxygen readily to stimulate combustion of organic matter.

20 POISON CLASS A

A gas or liquid of such nature that a very small amount of the gas or vapor thereof, mixed with air, is dangerous to life.

21-23 POISON CLASS B

Poisons other than Class A which must be presumed to be toxic to man.

25 IRRITATING MATERIALS AND ETIOLOGIC AGENTS

A material, liquid or solid, which when exposed to fire or air gives off dangerous or intensely irritating fumes.

26-27-28-29 RADIOACTIVE MATERIALS

Any material containing plutonium or uranium.

30-31-32-33-34-35-36 CORROSIVE MATERIALS

A liquid or solid that will cause immediate destruction in human skin tissue or severe corrosion on other materials.

40 OTHER RESTRICTED ARTICLES

Any material that does not meet the definition of hazardous material other than a combustible liquid in packaging having a capacity of 110 gallons or less. These commodities have various destructive, corrosive properties or are hazardous to one's health.

50 MIXED LOADS

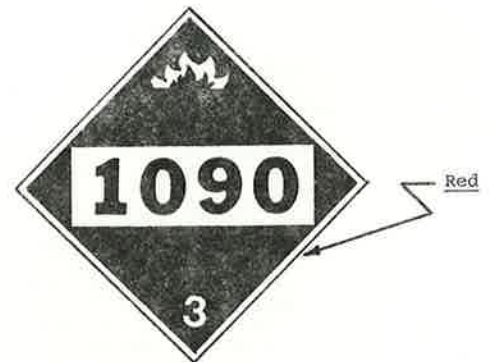
These commodities will be treated as Class A Explosives.

59 MIXED LOADS OF HAZARDOUS MATERIALS ONLY; MIXED LOADS OF HAZARDOUS AND NON-HAZARDOUS MATERIALS

These commodities will be treated as Class A Explosives.

HAZARDOUS MATERIALS PLACARDS ON TANK CARS MAY HAVE UNITED NATIONS (UN) IDENTIFICATION NUMBERS INSTEAD OF THE HAZARD CLASS NAME. THESE PLACARDS HAVE THE SAME MEANING AND TRAIN PLACEMENT RESTRICTIONS AS PLACARDS WITH HAZARD CLASS NAME. IF MORE THAN ONE OF THESE PLACARDS ARE MISSING FROM A TANK CAR, TRAINMEN MUST BE ALERT TO NOTIFY PROPER OFFICER AS SOON AS PRACTICABLE.

Example:



(FLAMMABLE)

ITEM 16. Identification of Hazardous Materials by Placards and Emergency Procedures



EXPLOSIVES "A" (EXP) are capable of exploding or detonating in mass when involved in fire or subjected to strong impacts or shocks. When involved in fires, all persons should be evacuated for a distance of **one mile**. When not on fire, they should be protected from being struck, crushed, exposed to fire, or contact with corrosive materials. Examples of Class A Explosives: High Explosives; Explosive Bombs; Initiating Explosives; Black Powder.



EXPLOSIVES "B" (VRP) are capable of burning rapidly, and causing sudden, violent rupture of cars or containers when involved in fires. When they are involved in fire, all persons should be evacuated for a distance of **1/2 mile**. When not on fire, they should be protected from being struck, crushed, exposed to fire or contact with corrosive materials. Examples of Class B Explosives: Railway Torpedoes; Special Fireworks.



FLAMMABLE LIQUIDS (VRP, if polymerizable material, see below) are materials which when spilled give off flammable vapors that will ignite on contact with an open flame, spark or hot metal surface. Their vapors are usually heavier than air and will flow into low areas, ditches or ravines. Vapors, when ignited, burn rapidly spreading flame back to the source of the spill. Contact with corrosive materials can cause ignition and should be prevented. Personnel should evacuate areas of vapor concentration and avoid contact with the material. Action should be taken to keep ignition sources out of the area of vapor concentrations; smoking, engines, and other ignition sources must be prohibited in the area of spills. Examples of Flammable Liquids: Gasoline; Acetone; Toluene; Methyl Ethyl Ketone.

Polymerizable materials (VRP), indicated by "inhibited" or "uninhibited" in the commodity name, are subject to violent rupture when exposed to fire conditions. When such materials are involved in fires, persons should be evacuated for a distance of **1/2 mile** from the scene. Examples of polymerizable Flammable Liquids: Methyl Methacrylate Monomer, Inhibited or Uninhibited; Vinyl Fluoride, Inhibited; Ethylene Imine, Inhibited.



FLAMMABLE SOLIDS are materials that can cause fires by self-ignition or spontaneous combustion if exposed to proper conditions, such as becoming wet, being exposed to air, being crushed, or coming in contact with corrosive materials or outside heat sources. They are easily ignited and burn readily. They should be isolated from other hazardous materials. (NOTE—The "Flammable" placard may be used in place of the "Flammable Solid" placard.) Examples of Flammable Solids: Railway Fuses; Phosphorus, White or Yellow, Dry or In Water.



FLAMMABLE SOLID W are materials which are strongly reactive with water. If these materials themselves are involved in a fire, the use of water must be avoided. Individual packages of these materials will bear the "Dangerous When Wet" label. Examples of Flammable Solids (Dangerous When Wet): Calcium Carbide; Potassium Metal; Phosphorus Pentasulfide.



OXIDIZING MATERIALS are materials which readily yield oxygen to greatly stimulate the burning of fuels. If mixed with fuels and ignited, rapid combustion will result. If spilled, they should be kept from coming in contact with flammable or combustible materials. Examples of Oxidizing Materials: Ammonium Nitrates; Hydrogen Peroxide Solutions; Chromic Acid, Solid; Nitric Acid (over 40% concentration).



FLAMMABLE GASES (VRP) are usually ignited immediately when pure gases or serious leaks occur. If not, the gas is easily ignited, and will result in rapid combustion of the entire cloud; ignitable atmospheres may extend well beyond any visible cloud. Fires from leaks in containers that cannot be shut off should be allowed to burn. Tanks containing flammable gases that are exposed to intense fire and flame impingement are likely to rupture violently, involving the immediate area in a large fire ball. When compressed gas tank cars are involved in fires or exposed to flame impingement, all persons should be evacuated for **1/2 mile** from the scene. When compressed gas cylinders are involved in fires, personnel should remain several hundred yards away. These materials may be toxic or irritating, and contact with liquefied gases will produce serious frost bite. Examples of Flammable Gases: Liquefied Petroleum Gas, Propane, Butadiene, Inhibited; Vinyl Chloride (See also "Cryogenics" below).



NONFLAMMABLE GASES (VRP) can cause suffocation of persons entering the gas cloud when leaks occur. Tanks containing nonflammable gases can rupture when exposed to intense fire conditions, and persons should be evacuated for **1/2 mile** from the scene. These materials may be toxic or irritating, and contact with liquefied gases will produce serious frost bite. Examples of Non-flammable Gases: Anhydrous Ammonia; Refrigerant Gases; Sulfur Dioxide, Carbon Dioxide, Liquefied (See also "Cryogenics" below).



EXPLOSIVES "C" are fire hazards. Placards are applied only to cars, trailers or freight containers carrying packages bearing the "EXPLOSIVES C" label. If material is involved in a fire, extinguish from a safe distance. When not on fire, the material should be protected from sparks and other sources of ignition. Examples of Class C Explosives: Common Fireworks; Small Arms Ammunition. (NOTE—This placard is also applied to cars, trailers or freight containers carrying Flammable Liquids or Solids, see page 5.)



CHLORINE (TOX) is a nonflammable gas with highly toxic properties; material itself will not burn; however, it will support combustion. Leakage of the material should be treated the same as "POISONS "A"."



POISONS "A" (TOX) are extremely toxic materials, and very small quantities can cause rapid illness or death. These materials, when spilled or vented, must be avoided by all persons, except protected specialists. Evacuate personnel from the immediate area, and if a gas is leaking evacuate all persons downwind as far as necessary to avoid contact with the material. If spilled material enters streams, community authorities and persons down-stream must be notified immediately. Examples of Poisons A: Hydrocyanic Acid; Phosgene; Phosphine.



OXYGEN (PRESSURIZED LIQUID) (VRP) in contact with fuels, oils and other combustible materials can cause violent, rapid combustion or explosion. Sources of ignition, sparks, impacts, friction or sudden shocks should be prevented in areas exposed to liquid oxygen spills or leakages.

Cryogenics are extremely low temperature (about -150 degrees F. and below) gaseous materials transported in a liquid state. When leaks occur, a fog or mist is caused due to the freezing or the moisture in the air. If a container is breached, the material may warm, expand and rupture the container. If liquid leaks occur and contact is made with adjacent metal containers, they will become brittle, crack and release their contents. Persons and sources of ignition should be kept out of the gas cloud area. Cryogenics may or may not be placarded, depending on the pressure within the container or tank car. When placarded, leakage should be treated the same as a Flammable Gas or Non-flammable Gas, depending on the hazard class. Examples of Cryogenics: Nitrogen, Pressurized Liquid; Hydrogen, Liquefied; Ethylene, Liquefied.



POISONS "B" are moderately toxic materials, and can cause illness or death if persons remain in contact with them or inhale or ingest them in moderate quantities. These materials, when spilled or vented, must be avoided by all persons, except protected specialists. Evacuate personnel from the immediate area to avoid contact. If possible, confine spread or flow of material to the immediate area. If spilled material enters streams, community authorities and persons downstream must be notified immediately. Examples of Poisons B: Aniline Oil; Carbolic Acid; Motor Fuel Antiknock Compound; Organic Phosphate Compound Mixtures.



RADIOACTIVE MATERIALS are materials which emit various degrees of radiation that consists on energy such as gamma rays or x-rays. These emissions cannot be felt or detected without proper instruments. When these materials are involved in accidents severe enough that they may be spilled or leak from their containers, all personnel should evacuate the immediate area for several hundred yards until the area is surveyed by specialists. When the material, or its containers, are involved in fire, all persons should be evacuated from the smoke cloud areas and downwind a distance beyond the visible smoke cloud. Danger of exposure must be assumed until the area is surveyed by properly equipped specialists. There are three groups of radioactive materials, designated as "One", "Two" and "Three". Group "Three" materials are the most hazardous, and consequently are specifically packaged to prevent spills. Examples of Radioactive Materials: Radioactive Material, Fissile; Uranyl Nitrate, Solid.



ORGANIC PEROXIDES (VWP) are materials which contain an excess of oxygen. In addition to the normal oxidizing material hazard, when heated or subjected to strong shocks Organic Peroxides can decompose rapidly with explosive force. If these materials are involved in fires, persons should be evacuated for a distance of 1/2 mile from the scene. Examples of Organic Peroxides: Peroxylic Acid Solution; Benzoyl Peroxide.



CORROSIVE MATERIALS (Acid and Caustics) are materials, either liquid or solid, which upon contact with other materials, such as flammables, oxidizers or explosives, etc., may produce violent reactions or fires. Spills of these materials may liberate large volumes of fumes that may be toxic, and can cause eye, skin and respiratory injury. Personnel should evacuate areas of fumes and avoid contact with the materials. Most of these materials will generate heat when contacted by water, and may erupt violently endangering nearby persons. Spills should be confined, if possible, to prevent mixing with other materials or the contamination of streams and property. Persons coming in contact with corrosive materials should wash with water for at least 15 minutes, remove contaminated clothing and obtain medical attention. Examples of Corrosive Materials: Sulfuric Acid; Nitric Acid (Concentrations of 40% or less); Caustic Soda, Liquid or Dry; Hydrochloric Acid; Acetic Acid.



IRRITATING MATERIALS are less dangerous materials which upon exposure to air or heat give off dangerous and intensely irritating fumes which cause temporary irritation and discomfort to persons coming in contact with them. Irritating materials should be kept away from fires and avoided by personnel. Examples of Irritating Materials: Tear Gas Grenades or Candles.

DANGEROUS placards may also be applied to motor vehicles or rail cars containing two or more classes of hazardous materials, except Class A and Class B Explosives, Poisons A, Flammable Solid W, and Radioactive Material which require separate placards for each hazard class. A rail car utilized in TOFC or COFC service containing less than 1,000 pounds (aggregate gross weight) of hazardous materials, other than those mentioned above, need not be placarded.



COMBUSTIBLE LIQUIDS are materials which are less dangerous than flammable liquids due to their higher flash points; however, leaks, spills and fires should be treated in the same manner as flammable liquids. Examples of Combustible Liquids: Fuel Oil; certain Naphthas and Petroleum Distillates.

Item 17. Switching Placarded Cars

Where use of hand brakes is necessary, a loaded placarded tank car or draft containing a loaded placarded tank car must not be cut off until preceding cars are clear of the lead.

A draft containing a placarded loaded tank car must be clear of lead before releasing any cars to follow.

Where use of hand brakes is necessary, before a "loaded" placarded car or a draft containing a loaded placarded tank car is released, it must be determined by trial that the hand brake on the placarded car or the car in the draft being ridden is in proper working condition.

These restrictions do not apply to cars placarded COMBUSTIBLE.

The following precautions must be followed when switching cars placarded EXPLOSIVES A, FLAMMABLE GAS, NONFLAMMABLE GAS, POISON GAS, DANGEROUS, OR EMPTY POISON GAS:

- A. Must not be cut off in motion (kicked or dropped).
- B. Must not have car(s) moving under its own momentum couple into it.
- C. Must not be coupled into with more force than is necessary to complete the coupling.

CAR OR FLAT CARS WITH TRAILERS PLACARDED "EXPLOSIVES A"



Must be separated from engine by at least one non-placarded car. Must not be cut off while in motion. Must not be struck by any car moving under its own momentum. Must not be coupled to with any more force than necessary to make coupling. Must have doors closed before moving. Must not be placed or left where there is any possible danger of fire, under bridges, under overhead highway crossings or along passenger stations.

FLAT CARS CARRYING PLACARDED TRAILERS OR CONTAINERS
PLACARDED FLAT CARS CARRYING TRAILERS OR CONTAINERS
CARS PLACARDED POISON GAS
DOT 112A AND 114A TANK CARS WITHOUT HEAD SHIELDS
PLACARDED FLAMMABLE GAS



Must not be cut off while in motion. Must not be struck by any car moving under its own momentum. Must not be coupled into with any more force than necessary to make coupling.



DOT 112A 114A
Tank Cars
Without
Head Shields

PLACARDED EMPTY TANK CARS

These cars last contained a commodity whose residue could be harmful. There are no switching restrictions.



SPECIAL INSTRUCTIONS

ITEM 18. Position in Freight Train of Placarded Cars

HOW TO USE THIS CHART		EXPLOSIVES - A	POISON GAS	LOADED PLACARDED TANK CARS (EXCEPT CARS PLACARDED POISON GAS OR COMBUSTIBLE)	EMPTY PLACARDED TANK CARS (EXCEPT COMBUSTIBLE)	RADIOACTIVE	COMBUSTIBLE	ALL OTHER PLACARDED CARS
To determine the type of placard applied to car, follow vertical line down and note which lines apply by "X" shown in box.								
PLACARD APPLIED ON CAR								
RESTRICTIONS								
MUST NOT BE NEARER THAN THE SIXTH CAR FROM ENGINE OR CABOOSE. HOWEVER WHEN LENGTH OF TRAIN WILL NOT PERMIT CAR TO BE SO PLACED IT MUST BE PLACED NEAR MIDDLE OF TRAIN.		X	X	X				
PLACARDED CAR MUST NOT BE PLACED NEXT TO	ENGINE	X	X	X	X	X		
	OCCUPIED CABOOSE	X ⁴	X ⁴	X	X	X		
	LOADED FLAT CARS	¹ X	X	X ²				
	OPEN TOP CARS	³ X	X	X				
	CARS WITH ANY OF THE FOLLOWING OPERATING: AN ENGINE LIGHTED HEATERS STOVES OR LAMPS AUTOMATIC REFRIGERATION UNITS	X	X	X				
	OCCUPIED CAR	X ⁴	X ⁴	X				
	EXPLOSIVES - A		X	X		X		X
	POISON GAS	X		X		X		X
	RADIOACTIVE	X	X	X				X
	UNDEVELOPED FILM					X		
	EMPTY PLACARDED TANK CARS							
	ANY LOADED PLACARDED CAR (EXCEPT COMBUSTIBLE)	X	X			X		

NOTE: CARS WITH SAME PLACARDS MAY BE PLACED NEXT TO EACH OTHER.

¹ A flatcar equipped with permanently attached ends of rigid construction is considered to be an open-top car.

² A loaded flatcar, other than a specially equipped car in trailer-on-flatcar or container-on-flatcar service or a flatcar loaded with vehicles secured by means of a device designed for that purpose and permanently installed on the flatcar, and of a type generally accepted for handling in interchange between railroads. This exception for cars in trailer-on-flatcar service does not apply to loaded flatbed trucks, loaded flatbed trailers, loaded open-top trailers, or loaded trucks or trailers without securely closed doors.

³ An open-top car when any of the lading protrudes beyond the car ends or when any of the lading extending above the car ends is liable to shift so as to protrude beyond the car ends.

⁴ A rail car placarded "EXPLOSIVES A" or "POISON GAS" in a moving or standing train must be next to and ahead of any car occupied by the guards or technical escorts accompanying this car. However, if a car occupied by guards or technical escorts is equipped with a lighted heater or stove, it must be the fourth car behind any car requiring "EXPLOSIVES A" placards.

DERAILMENT/ACCIDENT - RAIL/HIGHWAY
GRADE CROSSING ACCIDENT REPORT

In the event of a derailment/accident and/or rail/highway grade crossing accident, the Conductor, or other member of the crew if the Conductor is not present, must secure the applicable information required below and make a telephone report to the Chief Dispatcher as soon as practicable.

1. Train/Engine No.: _____ Approx. Speed: _____ MPH

2. Nearest Mile Post: _____ Highway Name/No.: _____

3. Date & Time: Mo. _____ Day _____ Year _____ AM PM _____

4. Weather: _____ Visibility: _____

5. Hwy. Vehicle Involved: Type _____ Model _____ License _____

Name of Driver: _____ Address: _____

Passenger(s): _____ Address: _____

6. Circumstances: _____

7. Type Crossing Warning Device:

Gates: _____ Flashers: _____ Working: _____

Crossbuck(s): _____ Placement: _____

Other: _____

8. Headlight Burning: _____ Whistle Sounded: _____ Bell Ringing: _____

9. Train/Engine Crew: _____

10. Name/Address of Witnesses: _____

11. Rail Equipment Involved If Derailed or Damaged:

Car Initial & No.	Load/Mty	Placarded	Position of Derailed Car
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

MKT TONNAGE RATINGS - NORTHERN DIVISION

OKT TONNAGE RATINGS

DIRECTION	FROM STATION	TO STATION	TONNAGE CLASS				
			40	54	55	69	72
South	Baden.....	Franklin....	2400	3240	3300	4080	4320
North	Franklin....	Baden.....	2400	3240	3300	4080	4320
South	Franklin....	Sedalia....	1400	1890	1920	2380	2520
	Sedalia....	Parsons....	1870	2520	2570	3180	3365
North	Parsons....	Sedalia....	1870	2520	2570	3180	3365
	Sedalia....	Franklin....	1450	1960	1990	2465	2610
South	Glen Park..	Parsons....	1800	2430	2470	3060	3240
	Moran.....	Parsons....	3750	5060	5160	6375	6750
North	Parsons....	Glen Park..	1800	2430	2470	3060	3240
South	Chetopa....	Coffeyville.	1300	1760	1790	....	....
	Coffeyville.	Sutton.....	2040	2750	2805	....	....
North	Sutton.....	Coffeyville.	2720	3670	3740	....	....
	Coffeyville.	Chetopa....	1300	1760	1790	....	....
South	Chanute....	Parsons....	2280	2970	3020	3740	3960
North	Parsons....	Chanute....	2700	3640	3710	4590	4860
South	Parsons....	Muskogee...	2500	3370	3440	4250	4500
	Welch.....	Muskogee...	3050	4120	4190	5185	5490
North	Muskogee...	Parsons....	2500	3370	3440	4250	4500
	Muskogee...	Wagoner....	2875	3880	3950	4885	5175
	Labette....	Parsons....	3170	4280	4360	5390	5705
South	Muskogee...	Excess.....	2550	3440	3510	4335	4590
	McAlester...	Excess.....	2650	3580	3640	4505	4770
	Excess.....	Ray.....	1750	2360	2410	2975	3150
North	Ray.....	Muskogee...	1850	2500	2540	3145	3330
	McAlester...	Muskogee...	1900	2560	2610	3230	3420
South	Oswego.....	Columbus....	2350	3170	3230	3995	4230
	Columbus....	Military....	3000	4050	4120	5100	5400
	Military....	Joplin.....	1860	2510	2560	3160	3350
North	Joplin.....	Military....	2240	3020	3080	3810	4030
	Military....	Columbus....	3000	4050	4120	5100	5400
	Columbus....	Oswego.....	1575	2125	2165	2675	2835
North	Tulsa.....	Chase.....	1950	2630	2680	3315	3510
South	Chase.....	Tulsa.....	1850	2500	2540	3145	3330
South	McAlester...	Harter.....	1870	2520	2570	3180	3365
North	Harter.....	McAlester...	1870	2520	2570	3180	3365

DIRECTION	FROM STATION	TO STATION	TONNAGE CLASS				
			40	54	55	69	72
South	Herington...	North Enid..	2325	3140	3200	4185	3950
North	North Enid..	Herington...	2325	3140	3200	4185	3950
South	North Enid..	Duncan.....	1940	2620	2665	3490	3300
North	Duncan.....	North Enid..	1940	2620	2665	3490	3300
South	Duncan.....	Peach.....	1940	2620	2665	3490	3300
North	Peach.....	Duncan.....	1940	2620	2665	3490	3300
South	Dalwor Jct..	Endot.....	2715	3665	3730	4885	4615
North	Endot.....	Dalwor Jct..	2715	3665	3730	4885	4615
South	Salina.....	Herington...	1630	2200	2240	....	....
North	Herington...	Salina.....	1630	2200	2240	....	....
West	Harter.....	El Reno.....	2850	3845	3920	....	....
East	El Reno.....	Harter.....	2850	3845	3920	....	....
South	Chickasha..	Rich. Spur..	1940	2620	2665	....	....
North	Rich. Spur..	Chickasha..	2325	3140	3200	....	....
North	Waurika....	Rich. Spur..	1940	2620	2665	....	....
South	Rich. Spur..	Waurika....	1940	2620	2665	....	....

MKT TONNAGE RATINGS - SOUTHERN DIVISION

CLASSIFICATION OF ENGINES

DIRECTION	FROM STATION	TO STATION	TONNAGE CLASS				
			40	54	55	69	72
South	Ray.....	Dallas.....	1900	2560	2610	3230	3420
	Dallas.....	Dana Jct....	1800	2430	2470	3060	3240
North	Dana Jct....	Dallas.....	1700	2290	2340	2890	3060
	Italy.....	Dallas.....	2000	2700	2750	3400	3600
	Dallas.....	Ray.....	1600	2160	2200	2720	2880
	Dallas.....	Royse City..	1750	2360	2410	2975	3150
	Royse City..	MP D-665.0..	2200	2970	3020	3740	3960
South	Ray.....	Ney.....	1800	2430	2470	3060	3240
	Ray.....	Denton.....	2000	2700	2750	3400	3600
	Ney.....	Bellmead....	2100	2830	2890	3570	3780
	Grandview...	Bellmead....	3100	4180	4260	5270	5580
North	Bellmead....	Ney.....	2100	2830	2890	3570	3780
	Ney.....	Ray.....	1550	2090	2130	2635	2790
South	Ray.....	Sherman....	1500	2020	2060	2550	2700
North	Sherman....	Ray.....	1400	1890	1920	2380	2520
South	Altus.....	Grandfield..	3600	4860	4920	6120	6480
	Grandfield..	North Yard..	3000	4050	4120	5100	5400
	North Yard..	Ney.....	1800	2430	2470	3060	3240
North	Ney.....	North Yard..	1800	2430	2470	3060	3240
	North Yard..	Altus.....	2700	3640	3710	4590	4860
South	Denton.....	Dallas.....	2250	3040	3090	3825	4050
North	Dallas.....	Denton.....	1400	1890	1920	2380	2520
	MP K-754.2..	Denton.....	1900	2560	2610	3230	3420
South	Bellmead....	Smithville..	1900	2560	2610	3230	3420
	Eddy.....	Smithville..	2100	2830	2890	3570	3780
North	Smithville..	Bellmead....	1800	2430	2470	3060	3240
	Granger.....	Bellmead....	2000	2700	2750	3400	3600
South	Smithville..	Eureka.....	1900	2560	2610	3230	3420
	New Ulm....	Eureka.....	3800	5130	5220	6460	6840
North	Eureka.....	Smithville..	2000	2700	2750	3400	3600
	Eureka.....	New Ulm....	2500	3370	3440	4250	4500
South	Granger.....	Georgetown..	1800	2430	2470	3060	3240
North	Georgetown..	Granger.....	2875	3880	4000	4885	5175
South	Taylor.....	M-K-T Jct..	1250	1690	1720	2125	2250
	M-K-T Jct..	Sloan.....	1750	2360	2410	2975	3150
North	Sloan.....	M-K-T Jct..	1750	2360	2410	2975	3150
	M-K-T Jct..	Taylor.....	1400	1890	1920	2380	2520
South	Smithville..	Ajax.....	1750	2360	2410	2975	3150
North	Ajax.....	Smithville..	1750	2360	2410	2975	3150

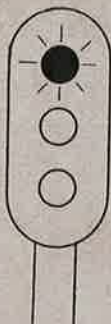
MKT UNITS NUMBERED	Equipped For MU Control	Tonnage Class	Cooper Rating
1 to 3 incl., 6 to 12 incl.	Yes	34	E-46
14 to 24 incl., 26 to 28 incl.	Yes	34	E-46
30, 31, 34, 43, 44	Yes	34	E-46
50 to 59 incl.	Yes	40	E-46
91 to 123 incl.	Yes	40	E-45
142, 143, 146, 152, 153, 154	Yes	40	E-45
170 to 230 incl.	Yes	55	E-46
300 to 321 incl.	Yes	54	E-44
350, 351, 352	Yes	54	E-44
401-B	Yes	40	E-41
600 to 636 incl.	Yes	69	E-56
600 to 636 incl.	Yes	72	E-56

NOTES:

1. Tonnage Class 34 engines are rated approximately 82% of Tonnage Class 40 engines.
2. Tonnage Class 40 applies to Units 99-500 when combined together.
3. Tonnage Class 54 applies to Units 226-501-227 when combined together.
4. Tonnage Class 69 applies to 3000 h.p., six-axle diesel units when used in mixed consist with any other tonnage class units.

TABLE OF TRAIN SPEED

Mins. Per Mile	Secs. Per Mile	Miles Per Hour	Mins. Per Mile	Secs. Per Mile	Miles Per Hour
			1	19	45.6
			1	20	45.0
			1	21	44.4
			1	22	43.9
			1	23	43.4
0	45	80.0	1	24	42.9
0	48	75.0	1	25	42.4
0	50	72.0	1	26	41.9
0	52	69.2	1	27	41.4
0	54	66.6	1	28	40.9
0	56	64.2	1	29	40.4
0	58	62.0	1	30	40.0
1	0	60.0	1	31	39.6
1	1	59.0	1	32	39.1
1	2	58.0	1	33	38.7
1	3	57.1	1	34	38.2
1	4	56.2	1	35	37.9
1	5	55.3	1	40	36.0
1	6	54.5	1	45	34.3
1	7	53.7	1	50	32.7
1	8	52.9	1	55	31.3
1	10	51.4	2	0	30.0
1	11	50.7	2	5	28.8
1	12	50.0	2	10	27.7
1	13	49.3	2	15	26.7
1	14	48.6	2	20	25.7
1	15	48.0	2	25	24.8
1	16	47.4	3	0	20.0
1	17	46.7	4	0	15.0
1	18	46.1	6	0	10.0



"Go" for safety



ROADWAY SIGNS

PERMANENT ADVANCE WARNING SIGN
LOCATED APPROXIMATELY ONE MILE FROM POINT SPEED RESTRICTION EFFECTIVE. RULE 10(N)

PERMANENT SPEED RESTRICTION SIGN
LOCATED AT BEGINNING OF RESTRICTION.

SIDING WARNING TRACK SIGN
APPROXIMATELY ONE MILE FROM SWITCH.

SPRING SWITCH SIGN
RULE 104 (N)

PERMANENT RESUME SPEED SIGNS
AUTHORIZED SPEED MAY BE RESUMED WHEN ENTIRE TRAIN HAS PASSED RESUME SPEED SIGN. RULE 10(N)

WHISTLE SIGNS
RULES 14, 14(1), TIMETABLE STATE STATUTES. SIGN WILL BE PLACED ONE-FOURTH MILE FROM CROSSING WHEN PRACTICAL.

SWITCHING LIMIT SIGN
INDICATES LIMITS OF YARD ENGINE OPERATION.

YARD LIMIT SIGN
RULE 93, TIMETABLE SPECIAL INSTRUCTIONS.

FRACTIONAL MILE MARKER
BLACK WITH WHITE STRIPES
1-STRIPES = 10 POLES

STOP SIGN
RULE 98

TEMPORARY SPEED RESTRICTION SIGN
RULE 10(I)
RESTRICTION TO BE PLACED AT END UNLESS OTHERWISE DIRECTED BY TRAIN ORDER OR GENERAL ORDER.

TEMPORARY RESUME SPEED SIGN
RULE 10(I)
RESTRICTION TO BE PLACED AT END UNLESS OTHERWISE DIRECTED BY TRAIN ORDER OR GENERAL ORDER.

BEGIN
CTC

END
CTC

BEGIN
ABS

END
ABS

WHITE WITH BLACK LETTERS

SIGNAL TERRITORY SIGNS