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ILLINOIS DIVISION
P. D. McKENNON, Trainmaster Chillicothe, Il
R. A. HOLDAWAY, Trainmaster Ft. Madison, Ia
$oxdot{lik}$ R HOWARD Trainmaster Marceline Mo
H. L. LOVELADY, Chief Dispatcher Ft. Madison, Ia L. L. BARNARD, Asst. Trainmaster McCook, II
L. L. BARNARD, Asst. Trainmaster McCook, II
W. D. JOHNSON, Asst. Trainmaster McCook, I
J. D. CONAWAY, Road Foreman of Engines Corwith, I
W. D. JOHNSON, Asst. Trainmaster McCook, II J. D. CONAWAY, Road Foreman of Engines Corwith, II M. E. BROOKS, Road Foreman of Engines Marceline, Mo
D. S. HYDER, Rules Examiner Ft. Madison, Ia T. L. RINKER, Safety Supervisor Ft. Madison, Ia
T. L. RINKER, Safety Supervisor Ft. Madison, Ia
IM D THOMPSON Asst Chief Dispr Ft. Madison, la
R. J. SANFORD, Asst. Chief Dispr. Ft. Madison, Ia E. M. CHADWICK, Asst. Chief Dispr. Ft. Madison, Ia TRAIN DISPATCHERS—FT. MADISON
E. M. CHADWICK, Asst. Chief Dispr. Ft. Madison, la
TRAIN DISPATCHERS—FT. MADISON
UR G BUCKINGHAM
J. D. HUNTER C. M. MATTA S. C. SHOTTS
R. J. ALEXANDER G. D. WYLIE J. R. HARTLEY
E, A, DENT J. M. MUNOZ J. L. HARTWIG
J. T. SEVIER J. C. ANDREWS S. E. ENGELHARD
J. L. AUSTIN B. L. SMETZER D. E. LEININGER C. M. GULLEY B. GREENIG A. W. HEIKKILA
J. D. HUNTER C. M. MATTA S. C. SHOTTS R. J. ALEXANDER G. D. WYLIE J. R. HARTLEY E. A. DENT J. M. MUNOZ J. L. HARTWIG J. T. SEVIER J. C. ANDREWS S. E. ENGELHARD J. L. AUSTIN B. L. SMETZER D. E. LEININGER C. M. GULLEY B. GREENIG A. W. HEIKKILA
EASTERN LINES
C. L. HOLMAN, Asst. Gen. MgrEngineering Topeka, Ks
R. H. BERRY, Asst. Gen. MgrMechanical Topeka, Ks
B. R. TUCKER, Supvr. of Air Brakes—Gen. RFofE Argentine, Ks
A
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CHICAGO TERMINAL DIVISION
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CHICAGO TERMINAL DIVISION F. S. KOWALCZYK, Asst. Superintendent Corwith, Il
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SPEED TABLE

Table of speeds (minutes and seconds per mile, in terms of miles per hour).

Time	Per	Miles	Tim	e Per	Miles	Tim	e Per	Miles
Mi	le	Per	(M	ile	Per	M	ile	Per
Min.	Sec.	Hour	Min.	Sec.	Hour	Min.	Sec.	Hour
	36	100		58	62.1	1	40	36.0
	37	97.3	١	59	61.0	1	42	35.3
	38	94.7	1		60.0	1	44	34.6
	39	92.3	1 1 1	02	58.0	1	46	34.0
	40	90.0	1	04	56.2	1	48	33.3
	41	87.8	1	06	54.5	1	50	32.7
١	42	85.7	1	08	52.9	1 1 1	52	32.1
	43	83.7	1	10	51.4	1	54	31.6
	44	81.8	1	12	50.0	1	56	31.0
	45	80.0	1	14	48.6	1	58	30.5
	46	78.3	1	16	47.4	2		30.0
	47	76.6	1	18	46.1	2	05	28.8
	48	75.0	1	20	45.0	2	10	27.7
	49	73.5	1	22	43.9	2	15	26.7
	50	72.0	1	24	42.9	2	30	24.0
	51	70.6	1	26	41.9	2	45	21.8
	52	69.2	1	28	40.9	3		20.0
	53	67.9	1	30	40.0	3	30	17.1
	54	66.6	1	32	39.1	4		15.0
	55	65.5	1	34	38.3	4	30	13.3
	56	64.2	1	36	37.5	5		12.0
<u></u>	57	63.2	1	38	36.8	1222222334456		10.0

The Atchison, Topeka and Santa Fe Railway Co.

EASTERN LINES

ILLINOIS DIVISION

TIME TABLE NO.



IN EFFECT

Sunday, October 25, 1981

At 12:01 A. M. Central Time

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

H. J. BRISCOE

General Manager

Topeka, Kansas

C. R. ROSE

Asst. General Manager Topeka, Kansas

B. J. HEATH Ft. Madison, Iowa

D. D. DIDIER

Corwith, Illinois

M. F. SMITH Argentine, Kansas

ri Pouriio, irane

Superintendents

2	FI	RST	DISTRICT				
WEST- WARD First Class	Capacity of Sidings in Feet	Ruling Grade Ascending	TIME TABLE No. 12 October 25, 1981	Ruling Grade Ascending	Mile Post	Communications Turn Tables and Wyes	EAST-WARD First Class
Leave Daily		Feet Per Mile	STATIONS	Feet Per Mile			Arrive Daily
РМ 3.45			CHICAGO Union Station			c	PM 3.15
		26.4 35.8	Ft. Wayne Jct. (ICG) A. T. & S. F. Jct.	26.4 0	1.3 1.4 2.1 3.1 4.4	Y	
		o	I.N. Crossing CORWITH 1.4 NERSKA Chicago Belt Crossing	o	5.9 7.3	R C	
	6395	0	McCOOK 0	l o	12.8	R C	
<u>-</u> '		0	B. & O. C. T. Crossing X	0	12.9		
ļ		0	ARGONNE G	0	23.0 25.1		
		0	ROMEO	13.7 10.6	29.3		
		10.6	JOLIET YARD	10.8	36.2	TRC	
s 4.35		0	JOLIET U.S. C. R. I. & P. Crossing 4.0	10.6	37.5		s 2.00
4.39			PLAINES 5.6 DRUMMOND	14.5	41.5		1.44
		6.1 9.1	LORENZO 4.4	9.9	52.8		
4.52		8.7	PEOUOT	0	57.2		1.28
		10.2 15.8	COAL CITY 7.9 MAZON 4.7	4.7 0	58.2 66.1		
 		13.7	VERÓNA 4.0 KINSMAN	0	70.8		
		15.8 0	5.0 RANSOM 4.6	0 15.8	79.8		
s 5.2 0		0	KERNAN 7 5.2 \$ STREATOR 0	15.8	84.4 89.6	TRC	\$12.55
		0	CR Crossing	10.1	89.8 90.2		
		0	ANCONA 6.3 — LEEDS	0	95.8 102.1		
	<u> </u>	15.8 26.4	TOLUCA	21.1 25.2	109.9		
		o	LA ROSE ——— 4.9 ——— WILBERN	26.4	116.0 120.9		
8 5.55 PM		26.4	CHILLICOTHE	26.4	130.0	TRC	12.05 FM

ILLINOIS DIVISION

TCS IN EFFECT:

Main track between AT&SF Jct. and Bridgeport, ICG northward and southward main tracks between Ft. Wayne Jct. and Bridgeport, main tracks between Bridgeport and Joliet U.S., main tracks between Pequot and Chillicothe.

RULE 251 IN EFFECT:

ICG eastward and westward main tracks between AT&SF Jct. and Ash Street, ICG main tracks between Joliet U.S. and South Joliet, main tracks between Joliet U.S. and Pequot. Permanent slow and resume speed signs are not displayed for movements against the current of traffic.

Between AT&SF Jct. and Bridgeport from the south, first track is AT&SF main track, second and third tracks are ICG eastward and westward main tracks and fourth and fifth tracks are ICG northward and southward main tracks. Tracks are numbered 1 through 5 from the south.

Between Bridgeport and Ash Street from the south, first and second tracks are AT&SF main tracks, third and fourth tracks are ICG eastward and westward main tracks. Tracks are numbered 1 through 4 from the south.

AT&SF psgr trains use Chicago Union Station Company tracks between Chicago Union Station and Ft. Wayne Jct. and be governed by Chicago Union Station Rules and Instructions and use ICG northward and southward main tracks between Ft. Wayne Jct. and Bridgeport and be governed by provisions Special Rule 5. provisions Special Rule 5.

AT&SF trains or engines may use ICG main tracks between Ft. Wayne Jct.-AT&SF Jct. and Ash Street and be governed by provisions Special Rule 5.

AT&SF trains may use ICG main tracks between Joliet U.S. and Plaines when authorized by train order or by control station and be governed by provisions Special Rule 5.

At Streator, ConRail Connection is an auxiliary track 1.1 miles long extending from interlocked switch from Santa Fe south track, M.P. 91.5, to Con Rail main track at switch located near ConRail station. Rule 93 in effect on ConRail main track.

RULE 97(A)

Proceed indication on westward ICG interlocking signal at Plaines authorizes an ICG train to run extra Plaines to Pequot.

Proceed indication on eastward ICG interlocking signal at Pequot authorizes an ICG train to run extra Pequot to Plaines.

TRACK SIDE WARNING DETECTORS (Rule 105(A))

Detector		Locator/Indicator
Location	Туре	Location
MP 32.5	Hot Box and	Eastward—MP 29.4
	Dragging Equipment	Westward—MP 34.1
MP 68.3	Hot Box and	Eastward—MP 66.5
	Dragging Equipment	Westward—MP 70.6
MP 100.2	Hot Box (Servo) and	Eastward—MP 98.0
	Dragging Equipment	Westward—MP 102.2
MP 125.3*	Hot Box and	Eastward—MP 123.6
	Dragging Equipment	Westward—MP 127.5
MP 125.3*	Shifted Load	MP 125.3 and MP 127.5

*—Westward trains being stopped by detector MP 125.3 should, after stopping and securing readout, make movement over highway crossing not to exceed 5 miles per hour but stop short of Illinois River Bridge before making inspection.

SEE SPECIAL RULE 13

Trains originating Chicago, Corwith, Joliet Yard, Streator including trains from Con-Rail, and Chillicothe, except first class trains at Chillicothe, must secure clearance card.

Arrive Daily

60,0

(130.1)

Average speed per hour

Between Willow Springs and Romeo and between Pequot and Chillicothe, all block signals equipped with number plates are located on field side of track they govern.

9

Leave

Daily

41.1

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

	MH	PH
BETWEEN:	Psgr.	Frt.
Ft. Wayne Jct. and Bridgeport (ICG)	40	30
AT&SF Jct. and Bridgeport (AT&SF)	10	10
AT&SF Jct. and Ash Street (ICG)	30	30
Bridgeport and Chillicothe	79	60*
Joliet U.S. and South Joliet (ICG)	30	10
South Joliet and Plaines (ICG)	60	30
Joliet U.S. and Pequot		
(Against Current of Traffic)	55	40

(B) SPEED RESTRICTIONS - CURVES, RR CROSSINGS, AND BRIDGES

MDU

		MPH
RR Crossing	M.P. 1.4 (Interlocking)	20
Curves,	Halsted St. (ICG)	25
Interlocking	M.P. 3.1	20
2 Curves,	M.P. 3.2 to 4.0	35
RR Crossing	M.P. 4.4 (Interlocking)	15
RR Crossing	M.P. 5.9 (Interlocking)	60
RR Crossing	M.P. 7.3 (Interlocking)	40
2 Curves,	M.P. 9.0 to 9.4	50
2 Curves and Bridge	, M.P. 9.7 to 10.3	30
2 Curves,	M.P. 10.7 to 12.9	60
RR Crossing	M.P. 12.9 (Interlocking—Rule 321C)	60
Curve,	M.P. 18.7 to 19.2	70
Curve, Bridge and 2 Curves,	M.P. 23.9 to 25.4	
2 Curves,	M.P. 25.6 to 25.9	40
2 Curves,	M.P. 27.4 to 28.7	45
Curves,	M.P. 29.1 to 29.2	55
Curve,	M.P. 32.6 to 32.9	60
2 Curves,	M.P. 33.1 to 34.6	60
2 Curves,		70
4 Curves,	M.P. 35.1 to 35.6 (North Track)	70
2 Curves,	M.P. 35.3 to 35.8 (South Track)	60
Curve,	M.P. 36.1 to 36.6 (South Track)	40
4 Curves,	M.P. 36.3 to 36.6 (North Track)	40
RR Crossing	M.P. 36.8 to 37.4	25
Curve,	M.P. 37.5 (Interlocking)	25
Curve,	M.P. 37.8 to 37.9	45
Curve,	M.P. 38.3 to 38.9	50
Curve,	M.P. 39.4 to 39.6	70
4 Curves,	M.P. 40.6 to 41.1 (South Track)	50
1 Curves,	M.P. 40.6 to 43.4 (North Track)	75
	M.P. 43.5 to 44.6 (North Track)	70
3 Curves,	M.P. 44.8 to 46.0 (North Track)	75
Curve,	M.P. 41.7 to 41.8 (South Track)	50
Curve,	M.P. 43.6 to 44.7 (South Track)	50
3 Curves,	M.P. 57.0 to 57.3 (South Track)	40
3 Curves,	M.P. 57.0 to 58.2 (North Track)	65
2 Curves,	M.P. 58.0 to 58.7 (South Track)	50
Curves,	M.P. 58.4 to 58.7 (North Track)	50
3 Curves,	M.P. 88.2 to 89.3	50
2 Curves and RR Crossing	M.P. 89.5 to 90.3 (Interlocking)	35

RR Crossing		
(N&W) -	ually operated gate normally across	
	N&W track. Approach prepared to	
	stop. If gate is normal, proceed. If	
	gate is not in normal position, stop	
	clear of crossing.	10
Curve,	M.P. 95.7 to 96.5	75
3 Curves,	M.P. 117.0 to 118.7	70

(C) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of switches except main track switches listed below, 10 MPH.

Trains and engines using other than main track must not exceed turnout speed for that track.

Station or MP Type Location MI AT&SF Jct.	PH
AT&SF Jet.	^
(AT&SF) I Crossovers and turnouts 1	<u>u_</u> _
Ft. Wayne Jct. (ICG) I Turnouts and Bridge 1	0
Bridgeport I Crossovers, turnouts	<u>-</u>
and Bridge 2	0
Corwith l East leg of wye 10	0
I Crossovers and turnouts	
east and west of IN Crossing	n
Nerska I Crossover 1	
McCook I Both ends siding 2	0
MP 14.2 I Crossover 4	0
MP 14.5 I Switch to GM Yard 3	0
Willow Springs I Crossovers 4	0
Romeo I Crossovers 4	0
Joliet Yard. I Eastward head-in switch 3	0
Joliet U.S. Crossovers MP 37.2 to 37.9 1	
Plaines I ICG to AT&SF 4	0
S West end connection ICG to AT&SF 3	0
Pequot I AT&SF to ICG 4	0
I Crossovers 40	
Verona I Crossovers 4	
I West end auxiliary track 4	
Kernan I Crossovers 44	
MP 87.2 I Turnout 10	<u> </u>
Streator I Crossover and turnout, N&W Crossing 30)
MP 91.5 I CR Connection 20	
I Crossover 40	
Ancona I Crossovers 40 I Turnout Pekin District 30	
Toluca I Crossovers 40	
Chillicothe, I Crossover 40	
East end yard I Turnout yard lead 30	
Chillicothe, I Turnout yard lead 30	
West end yard I Crossover 40)

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 759)

Mile Post	Name	
35.4	Railroad Viaduct	

Name	Location	Capacity (Feet)
Waterways Terminal (ST)	MP 9.7	3,600
General Motors Yard (NT)	MP 14.5	East Lead
Industry Spur (ST)	MP 14.6	2,750
General Motors Yard (NT)	MP 16.5	West Lead
Lemont Manufacturing (Ceco)	MP 26.0	Yard
Union Oil Co. (ST)	MP 27.8	Yard
Millsdale Spur (NT)	MP 46.1	350
Mobil Oil (NT)	MP 47.6	lead
Blodgett Ordnance (ST)	MP 50.3	lead
Industry Spur (NT)	MP 51.1	lead
Gorman Spur (NT)		350

4 SECOND DISTRICT

ILLINOIS DIVISION

WEST-		l	I .				EAST-
WARD				<u>e</u>	i	yes.	WARD
First	of Fee	a ge		3rad Ling	- 12	tio Edition	First
Class	큣리	유를	TIME TABLE	ing (Mile Post	nics a an	Class
	Capacity of Sidings in Feet	Ruling Grade Ascending	No. 12	Ruling Grade Ascending	Mile	Communications Turn Tables and Wyes	
3	Sidi	Ĕ.				2	4
•	_		October 25, 1981			_ 4 `	•
Leave Daily		Feet Per Mile	STATIONS	Feet Per Mile			Arrive Daily
PM 5.55			CHILLICOTHE		130.0	TRC	PM 812.05
i		58.1	EDELSTEIN	31.7	138.1		—рм—
		31.7	PRINCEVILLE	31.7	144.7		
		31.7	MONICA	23.2			
-			BN Crossing	31.7	148.3		ll
		0	LAURA		153.5		
	5340	13.5	WILLIAMSFIELD	19.3	158.4		
		31.7	15.3 YOST	31.7	173.7		
6.40		31.7	GALESBURG	15.3	177.5	R	B11.20
	6793	21.9		7.4	180.0	Y	
		21.9	G. I. GAMERON	7.4	186.0		
<u> </u>		28.2	O 5.9	31.3	191.9		
		0	ORMONDE NO PONEMAH CO PONEMAH NO	31.2	197.1		
		23.2	SMITHSHIRE	12.1	201.5		
		12.1		31.7	204.6		
ļ		13.5	STRONGHURST	31.2	208.9	<u> </u>	
		26.1	10.0	31.7			10 44
7.13		10.6	LOMAX 	18.0	218.9		10.44
		o	DALLAS CITY 6.1	14.5			
		21.1	NIOTA 3.4	23.9	230.9	<u> </u>	
s 7.35	10490		FT. MADISON		234.3	T Y R C	10.25 AM
Arrive Daily			(104.2)				Leave Daily
62.5		-	Average speed per hour				62.5

TCS IN EFFECT:

Main tracks between Chillicothe and Ft. Madison, and on sidings G.I. and Ft. Madison.

Trains must secure clearance card at Chillicothe and Ft. Madison, except first class trains at Chillicothe.

RULE 97(A)

Proceed indication on TP&W interlocking signal at Lomax authorizes a TP&W train to run extra Lomax to Ft. Madison.

Between Chillicothe and Niota, all block signals equipped with number plates are located on field side of track they govern.

TRACK SIDE WARNING DETECTORS (Rule 105(A))

Detector Location	Туре	Locator/Indicator Location
MP 159.7	Shifted Load	MP 159.7 and MP 160.9
MP 168.1	Hot Box (Servo) and Dragging Equipment	Eastward—MP 165.9 Westward—MP 170.6
MP 168.1	Shifted Load	MP 165.9 and MP 168.1
MP 197.1	Hot Box and Dragging Equipment	Eastward at Signal 1942 Westward—MP 199.8
MP 226.9	Hot Box and Dragging Equipment	Eastward—MP 225.1 Westward—MP 229.4

SEE SPECIAL RULE 13.

- 1. SPEED REGULATIONS
- (A) MAXIMUM AUTHORIZED SPEED

	M	PH
BETWEEN: Psg		Frt.
Chillicothe and Ft. Madison	79	60*

*Maximum authorized speed for freight trains when averaging 90 tons and over per car, or over 5,000 tons total 45 MPH

Maximum authorized speed of freight trains handling one or more empty cars (10-PACK cars, cabooses, and cars loaded with empty trailers or empty containers are considered loads)

Freight trains may observe passenger train speed but not to exceed 70 MPH, provided:

- (1) Maximum district speed is 60 MPH for freight trains.
- (2) Train does not exceed 5,000 tons.
- (3) Train does not exceed 90 cars.
- (4) Train does not average more than 75 tons per car.
- (5) Locomotive can control speed to 70 MPH without use of air brakes.

(B) SPEED RESTRICTIONS - CURVES, RR CROSSINGS, AND BRIDGES

		MPH
2 Curves,	M.P. 131.6 to 132.1	60
9 Curves,	M.P. 132.6 to 136.8	50
Curve,	M.P. 137.4 to 137.7	70
RR Crossing	M.P. 148.3 (Interlocking—Rule 321C)	60
4 Curves,	M.P. 157.9 to 160.9	70
10 Curves,	M.P. 161.6 to 170.3	65
Curve,	M.P. 175.5 to 175.7	65
4 Curves,	M.P. 176.7 to 178.1	30
Curve,	M.P. 178.6 to 178.8	75
Curve,	M.P. 224.7 to 225.0	70
Curve,	M.P. 226.3 to 226.5	75
Curve,	M.P. 230.7 to 231.2	40
Bridge	M.P. 231.2 to 231.8 (Interlocking)	30
6 Curves,	M.P. 231.8 to 233.7	30
2 Curves,	M.P. 234.0 to 234.3	25

(C) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of switches, except main track switches listed below, 10 MPH.

Trains and engines using other than main track must not exceed turnout speed for that track.

"I"—Interlocked Switch. "S"—Spring Switch.

Station or MP	Type	Location	MPH
Chillicothe, East end yard	I	Crossover Turnout yard lead	40 30
Chillicothe, West end yard	I	Turnout yard lead Crossover	30 40
Edelstein		Crossovers	40
Williamsfield	I I S	Crossovers East end siding West end siding	40 20 20
Yost	I	Crossovers	40
G.I.	I	Both ends siding West end auxiliary track Crossovers	20 40 40
	I	Tail track	15
Ormonde	I	Crossovers	40
Stronghurst	τ	Crossovers	40
Lomax	I	Crossovers TP&W Connection Track	40 30
Niota	I	Crossovers	40
Ft. Madison, East end yard	I I I	Crossovers East end siding Turnout yard lead	25 25 25
Ft. Madison, West end yard	I I I	Crossovers West end siding Turnout yard lead	40 30 30

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 759)

Mile Post	Name	-	
176.6	Railroad Viaduct		

Spur (ST) MP 165.7 790	Name	Location	Capacity (Feet)
	Spur (ST)	MP 165.7	790

c	TU		DIST		7
h		שחו	DIS	INIC	, j

WEST-						yes /	EAST- WARD
First Class	Capacity of Sidings in Feet	Ruling Grade Ascending	TIME TABLE	Ruling Grade Ascending	Mile Post	Communications Turn Tables and Wyes	First Class
3	Cap Siding	Ruli A s	October 25, 1981	Ruli As	W	Comp Turn Ta	4
Leave Daily		Feet Per Mile	STATIONS	Feet Per Mile			Arrive Daily
PM 7.45	10490	42.2	FT. MADISON	36.9	234.3	T Y R C	AM 810∙15
		42.2	ARGYLE8.0	42.2	248.0		
		42.2	REVERE	42.2	256.0		
8.11	7093	42.2	BN Crossing MEDILL 9.0 ———	42.2	263.1		9.45
	-	17.5	WYACONDA 5.3 ————	42.2	272.3	_	
		42.2	GORIN O	42.2	277.6		
	8451	42.2	BARING RAPING RA	42.2	306.4	 -	
s 8.50		42.2	LA PLATA	23.1	312.7	R	s 9.05
		40.2	10.1 ELMER	42.9	322.9		
	6859	42.2	ETHEL	0 42.2	329.7		
		31.0	BUCKLIN —— 5.9	42.2	341.5		
\$ 9.27 PM			MARCELINE		347.3	R C	8.28 AM
Arrive Daily		l	(111.8)				Leave Daily
65.8	_		Average speed per hour				62.7

TCS IN EFFECT:

Main tracks between Ft. Madison and Marceline and on sidings Ft. Madison, Medill, Baring and Ethel.

Trains must secure clearance card at Ft. Madison and Marceline, except first class trains at Marceline.

TRACK SIDE WARNING DETECTORS (Rule 105(A))

Detector Location	Type	Locator/Indicator Location
MP 257.9	Hot Box and Dragging Equipment	Eastward—MP 256.0 Westward—MP 259.9
MP 287.3	Hot Box and Dragging Equipment	Eastward—MP 284.3 Westward—MP 289.9
MP 315.8	Hot Box and Dragging Equipment	Eastward—MP 313.3 Westward—MP 318.3
MP 344.5	Hot Box and Dragging Equipment	Eastward—MP 342.5 Westward—MP 346.9

SEE SPECIAL RULE 13.

- 1. SPEED REGULATIONS
- (A) MAXIMUM AUTHORIZED SPEED

	MI	PH
BETWEEN:	Psgr.	Frt.
Ft. Madison and Marceline	90	60*

*Maximum authorized speed for freight trains when averaging 90 tons and over per car, or over 5,000 tons total 45 MPH

Freight trains may observe passenger train speed but not to exceed 70 MPH, provided:

- (1) Maximum district speed is 60 MPH for freight trains.
- (2) Train does not exceed 5,000 tons.
- (3) Train does not exceed 90 cars.
- (4) Train does not average more than 75 tons per car.
- (5) Locomotive can control speed to 70 MPH without use of air brakes.

(B) SPEED RESTRICTIONS - CURVES, RR CROSSINGS, AND BRIDGES

		MPH
Curve,	M.P. 235.8 to 236.2	80
9 Curves,	M.P. 242.1 to 250.2	80
12 Curves,	M.P. 250.3 to 256.0*	45
Curve,	M.P. 256.4 to 256.6	75
5 Curves,	M.P. 257.1 to 262.1	80
RR Crossing	M.P. 263.1 (Interlocking—Rule 321C)	60
4 Curves,	M.P. 266.0 to 270.6	80
16 Curves,	M.P. 275.5 to 288.7	80
14 Curves,	M.P. 291.6 to 304.9	80
14 Curves,	M.P. 307.9 to 321.9	80
3 Curves,	M.P. 327.9 to 330.4	80
6 Curves,	M.P. 331.0 to 333.9*	55
11 Curves,	M.P. 334.0 to 339.1*	45
2 Curves,	M.P. 339.4 to 339.7	65

^{*}Curves protected by ATS Inductors

(C) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of switches, except main track switches listed below, 10 MPH.

Trains and engines using other than main track must not exceed turnout speed for that track.

"I"—Interlocked Switch. "S"—Spring Switch.

Station or MP	Туре	Location	MPH
Ft. Madison,	I	Crossovers	25
East end yard	I	East end siding	25
	I	Turnout yard lead	25
Ft. Madison,	I	Crossovers	40
West end yard	I	West end siding	30
	I	Turnout yard lead	30
MP 246.2	I	Crossovers	50
Medill	I	Crossovers	50
	I	Siding switches	10
Gorin	I	Crossovers	50
Baring	I	Crossovers	50
_	I	Siding switches	20
La Plata	I	Crossovers	50
Ethel	I	Crossovers	50
	I,	Siding switches	20
Marceline,	I	Crossover (MP 346.7)	50
East end yard	I	Yard lead switches	15
Marceline,	I	Yard lead switches	20
West end yard	I	Crossover (MP 349.3)	50

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 759)

Mile Post	Name
256.6	Highway Viaduct
270.9	Highway Viaduct
274.5	Highway Viaduct
293.3	Highway Viaduct
300.7	Railroad Viaduct
307.6	Highway Viaduct
312.5	Railroad Viaduct
332.6	Highway Viaduct

Name	Location	Capacity (Feet)
Amax (ST) Fruehauf (ST) Armour Dial (ST) Spur (NT) Spur (ST) Spur (ST) Spur (ST) Spur (ST)	MP 239.3 MP 239.5 MP 240.7 MP 282.4 MP 282.4 MP 300.0 MP 318.1	lead lead lead 430 400 1,250 213
Spur (NT)	MP 318.2	1,000

8 FOURTH DISTRICT

	FOUL		וסוחוכו				
WEST-WARD First Class	Capacity of Sidings in Feet	Ruling Grade Ascending	TIME TABLE No. 12 October 25, 1981	Ruling Grade Ascending	Mile Post	Communications Turn Tables and Wyes	EAST-WARD First Class
Leave Daily		Feet Per Mile	STATIONS	Feet Per Mile			Arrive Daily
PM 9.27		0	MARCELINE 7.2	42.2	347.3	R C	AM s 8.28
		13.7	ROTHVILLE 6.1———	8.9	354.6		
		26.4	MENDON H	14.2	360.7		
		26.4	BOSWORTH	26.4	374.3		
9.58		o	[]	0	386.4	R	7.54
10.00	 E 3046	3.7	W. B. JCT. 8.0	0	396.6		7.51
10.13	 E 5258		HARDIN	6.3	 405.4		7.37
	E 11970 W 7183	4.2 14.2	HENRIETTA F	0 6.6	411.3	Y R C	
10.24		13.2	HENRIETTA F	26.4	418.2		7.26
 		26.4	FLOYD Fracks	o	421.7		
10.34	<u></u>	6.7	SIBLEY 5	26.4	426.7		7.16
		9.7	ATHERTON 2.6	o	434.0		
		9.4	V/ 2 P	7.0	436.5		
		9.4	COURTNEY 3.2 COURTNEY SUGAR CREEK	0	439.4		
		4.9		0	444.2		7.00
		25.7 14.8	ArmcoStlCoCrossing K.C.S. Crossing	42.2 0	445.9		
		43.9	SHEFFIELD O	48.5	446.4		
811:39		o	KANSAS CITY Union Station		451.1	- c	6.45 s 6.30
11.39 		0	1 10	47.8 24.2	1.7	Y	6.15 —AM—
			A.Y. TOWER		3.9	C R	·
Arrive Daily			(107.7)				Leave Daily
55.1			Average speed per hour				60.4

TCS IN EFFECT:

Main tracks between Marceline and W. B. Jct.; north track between W. B. Jct. and Hardin; south track between Hardin and C. A. Jct.; main tracks between C. A. Jct. and Sheffield; Mo.Pac. tracks between Congo and Rock Creek Jct.; main tracks between Santa Fe Jct. and A. Y. Tower; main track between A. Y. Tower and Turner and on running track between A. Y. Tower and Turner.

RULE 251 IN EFFECT:

South track, with current of traffic eastward, between W. B. Jct. and Hardin; north track and middle track between Hardin and C. A. Jct. Permanent slow and resume speed signs are not displayed for movements against the current of traffic.

RULE 151

Between Hardin and C. A. Jct. three main tracks designated south track, middle track and north track. South track is N&W track, middle track and north track are AT&SF tracks. On north track, current of traffic is westward; on middle track, current of traffic is eastward; and on south track, TCS is in effect.

Between Congo and Sheffield, three main tracks designated south track, middle track and north track. South track and middle track are Mo.Pac.-K.C.T. Ry, tracks; north track is AT&SF track.

Between Congo and Rock Creek Jct. AT&SF trains may use Mo.Pac. two main tracks. All movements must be made at restricted speed. Speed limit 10 MPH through Mo.Pac. turnout Rock Creek Jct. interlocking.

Rock Creek Jct. interlocking.

AT&SF trains use K.C.T. Ry. Co. tracks between Sheffield or Rock Creek Jct. and Santa Fe Jct., and be governed by provisions Special Rule 5.

RULE 97(A):

Proceed indication on westward N&W interlocking signal at W. B. Jct. authorizes an N&W train to run extra W. B. Jct to C. A. Jct.

Proceed indication on eastward N&W interlocking signal at C. A. Jct. authorizes an N&W train to run extra C. A. Jct. to W. B. Jct.

Proceed indication on westward interlocking signal at C. A. Jct., for N&W train operating via AT&SF, authorizes N&W train to run extra C. A. Jct. to Argentine.

Proceed indication on eastward interlocking signal at A. Y. Tower authorizes an N&W train to run extra Argentine to W. B. Jct.

Proceed indication on westward Mo.Pac. interlocking signal at Eton authorizes a Mo.Pac. train to run extra Eton to Congo.

Proceed indication on eastward Mo.Pac. interlocking signal

Proceed indication on eastward Mo.Pac. interlocking signal at Congo authorizes a Mo.Pac. train to run extra Congo to Eton.

Single track between MP 424.9 and MP 426.3.

Trains originating Marceline, Kansas City, and Argentine except first class trains at Marceline and N&W trains at Argentine, must secure clearance card.

Within TCS limits, where maximum speed exceeds 20 MPH, a train or engine must not clear the main track through a hand throw switch, not electrically locked, for the purpose of meeting,

passing, or being passed by another train or engine. Tracks where such switches are located are:

Atherton-Stock track spur.

On North Track, eastward controlled signal at Hardin interlocking and all eastward block signals equipped with number plates between Hardin and W. B. Jct. are located on field side of track.

TRACK S	IDE WARNING DETEC	TORS (Rule 105(A))
Detector		Locator/Indicator
Location	Туре	Location
MP 366.5	Hot Box (Servo) and Dragging Equipment	Eastward—MP 363.9 Westward—MP 368.6
MP 366.5	Shifted Load	MP 363.9, 366.5 and 368.6
MP 373.0	Shifted Load	MP 373.0 and 371.5
MP 382.8	Hot Box and Dragging Equipment	Eastward—MP 381.3 Westward—MP 384.9
MP 414.5	Hot Box (Servo) and Dragging Equipment	Eastward—MP 412.7 Westward—MP 416.8
$\overline{\mathrm{MP}}$ $\overline{425.2}$	Shifted Load	MP 425.7 and 426.0
MP 426.3	Shifted Load	MP 425.2 and 426.0
MP 432.0	Hot Box and Dragging Equipment	Eastward—MP 429.4 Westward—MP 433.9
See Spe	ecial Rule 13.	

1. SPEED REGULATIONS

(A) MAXIMUM AUTHORIZED SPEED

	MF	H
BETWEEN:	Psgr.	Frt.
Marceline and W.B. Jct.	90	60*
W.B. Jet. and C.A. Jet. (North Track)	79	60¾
Hardin and C.A. Jct. (South Track)	40	40
C.A. Jct. and Hardin (Middle Track),		
Hardin and W.B. Jct. (South Track)	79	60*
C.A. Jct. and Bridge MP 425.0	90	60*
Bridge MP 425.0 and Sheffield	79	60*
Rock Creek and Sheffield (Tracks 2 and 3)	35	35
Sheffield and Brooklyn Avenue		
(Tracks 1, 2 and 3)	45	45
Sheffield and Holmes Street (Track 4)	30	30
Brooklyn Avenue and Holmes Street		
(Tracks 1, 2 and 3)	30	30
Holmes Street and BN Crossing (Tracks 1, 2,		
3 and 4)	20	20
BN Crossing and Santa Fe Jct.		
(Tracks 3 and 4)	15	15
Santa Fe Jct. and AY Tower	45	45
Running track between AY Tower Interlocking]	
and Turner Interlocking	20	20

*Maximum authorized speed for freight trains when averaging 90 tons and over per car, or over 5,000 tons total 45 MPH Maximum authorized speed for freight trains handling one or more empty cars (10-PACK cars, cabooses, and cars loaded with empty trailers or empty containers are considered loads) Freight trains may observe passenger train speed but not to exceed 70 MPH, except eastward, MP 415 to MP 402, provided:

Maximum district speed is 60 MPH for freight trains.

Train does not exceed 5,000 tons. Train does not exceed 90 cars.

(4) Train does not average more than 75 tons per car.(5) Locomotive can control speed to 70 MPH without use of air brakes.

(B) SPEED RESTRICTIONS - CURVES, RR CROSSINGS, AND BRIDGES

		MPH
3 Curves,	M.P. 347.5 to 348.9 (North Track)	55
2 Curves,	M.P. 347.5 to 347.8 (South Track)	45
Curve,	M.P. 348.3 to 348.8 (South Track)	80
Curve,	M.P. 349.9 to 350.2	80
3 Curves,	M.P. 352.6 to 354.0	65
Curve,	M.P. 368.5 to 368.8	85
2 Curves,	M.P. 372.0 to 372.7	70
2 Curves,	M.P. 376.2 to 376.8	70
6 Curves,	M.P. 377.1 to 381.8 (South Track)	80
9 Curves,	M.P. 377.1 to 384.5 (North Track)	80
5 Curves,	M.P. 382.4 to 384.5 (South Track)	70
Curve,	M.P. 388.5 to 388.8 (South Track)	50

Curve,	M.P. 404.3 to 404.9 (South Track)	70
First 2 Curves	s West of Hardin (South Track)	15
Curve,	M.P. 415.5 to 415.7	70
5 Curves,	M.P. 416.7 to 419.1	55
2 Curves and	Bridge, M.P. 424.9 to 426.3*	30
3 Curves,	M.P. 426.4 to 427.8	50
6 Curves,	M.P. 428.0 to 431.2	70
3 Curves,	M.P. 434.9 to 436.9	70
2 Curves,	M.P. 437.5 to 437.8*	35
2 Curves,	M.P. 437.9 to 438.4*	45
2 Curves,	M.P. 438 5 to 438.9	60
2 Curves,	M.P. 439.8 to 441.1	70
2 Curves,	M.P. 442.5 to 443.6	65
3 Curves,	M.P. 443.7 to 444.5*	40
Congo to Rock	Creek Jct. via Mo. Pac Restr	icted Speed
4 Curves,	M.P. 445.0 to 445.8	30
RR Crossing	M.P. 445.9 (Interlocking)	20
2 Curves,	M.P. 447.0 to 447.5 (Tracks 1-2-3 KCT)	50
Curve,	M.P. 1.7	15
*Curron proto	seted by ATC Industria	<u> </u>

*Curves protected by ATS Inductors

(C) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of switches, except main track switches listed below, 10 MPH.

Trains and engines using other than main track must not exceed turnout speed for that track, unless provided otherwise in Time Table Special Rule 1(A).

"I"—Inter	rlocked Sy	witch. "S"—Spring Swi	tch.
Station or MP	Туре	Location	МРН
Marceline, East end yard	I I	Crossover (MP 346.7) Yard lead switches	50 15
Marceline, West end yard	I	Yard lead switches Crossover (MP 349.3)	20 50
Mendon	I	Crossovers	50
Bosworth	I	Crossovers	50
W.B. Jet.	l I	Crossovers and connection from N&W	50
Hardin	I	Crossovers and connection to South Track	20
Henrietta	I S I S	West end eastward siding East end eastward siding East end westward siding West end westward siding	20 20 20 20 20
C.A. Jet.	I .	Crossovers	40
MP 424.9	I	End of two tracks	30
MP 426.3	I	End of two tracks	30
Eton	I I	Crossovers Mo. Pac. connection	40 30
Congo	I I	West crossover East crossover and Mo. Pac. conn.	40 30
Santa Fe Jct.	I	Second crossover west of Santa Fe Jct.	30
	I	Crossover east of 12th St.	15
AY Tower	I	Crossover east of Tower Turnout end of Two Tracks	40 40

2. OVERHEAD AND SIDE OBSTRUCTIONS (Rule 75	7_
Mile Post Name	
347.5 Gracia St. Viaduct	
351.1 Highway Viaduct	
427.2 Highway Viaduct	
427.8 Highway Viaduct	

Name	Location	Capacity (Feet)
Spur (NT) Missouri Portland Cement Co.	MP 417.0 MP 440.8	250 Yard

						_	
WESTWARD	Capacity of Sidings in Feet	Ruling Grade Ascending	TiME TABLE No. 12 October 25, 1981	Ruling Grade Ascending	Mile Post	Communications Turn Tables and Wyes	EASTWARD
		Feet Per Mile	STATIONS	Feet Per Mile			
:	1273 1317 959 783 5402 637	0 15.3 31.7 0 23.8 0 41.2 0 47.5 0 26.4 31.7 0 42.2 0	ANCONA YL 2.7 LONG OINT DANNA 5.8 ICG Crossing 0.1 MINONK 6.0 BENSON 5.5 ROANOKE 6.2 STREATOR JCT CRUGER 3.5 PEKIN JCT. 1.4 WASHINGTON 3.0 COOPER CRANDALL N&W Crossing YL 2.3 MORTON YL 0.1 IT Crossing 11.0 EAST YARDS YL 0.9 PEKIN YL (57.9)	0 0 0 13.2 32.7 47.5 0 26.4 0 31.7 52.8 29.0 0 81.8 82.9	2.5 7.1 12.9 13.0 19.0 24.5 30.7 31.1 36.6 38.0 41.0 43.4 45.7 45.8 56.8	R C C	1
	<u> </u>		<u> </u>		<u> </u>		<u></u>

YARD LIMITS IN EFFECT:

Ancona (Pekin Dist. only) Crandall to Morton East Yards Pekin

Trains must secure TP&W clearance card Form "A" westward at Eureka and at Pekin Jct. eastward.

Authority must be obtained from TP&W operator at El Paso before entering TP&W main track at Streator Jct. If operator at El Paso not available, contact TP&W dispatcher direct. TP&W telephones located in booths at Streator Jct. and Pekin Jct.

Between East Yards, M.P. 56.8 and Pekin, M.P. 57.6, AT&SF trains and engines may use ConRail main track in accordance with Rule 93. Maximum authorized speed 15 MPH. Before fouling or opening switch to ConRail main track at Pekin or East Yards, authority must be obtained from operator at P&PU Tower. Trains or engines, after using ConRail track, must report clear promptly after actually in the clear. City phone in box on pole, south side, and about 150 feet east of junction switch at M.P. 56.8 and in phone box at depot. P&PU Tower phone number posted in boxes.

No switch lights on Pekin District, except between Streator Jct. and Pekin Jct.

Between Streator Jct. and Pekin Jct., be governed by TP&W time table, and AT&SF Operating Rules, except TP&W Rules 15, 72, 73, 83(d), 85(a), 161, 221 and Form R Train Order will govern in lieu of AT&SF Rules 10, 13, 83(C), 224 and Form T Train Order:

TP&W Rule 15. The explosion of two torpedoes is a signal to proceed at restricted speed. The explosion of one torpedo will indicate the same as two, but two are required.

TP&W Rule 72. Trains of the first class are superior to those of the second; trains of the second class are superior to those of the third; and so on. Trains in the direction specified by time table are superior to trains of the same class in the opposite direction.

TP&W Rule 73. Extra trains are inferior to regular trains.

TP&W Rule 83(d). Train register will not be accepted as evidence that an extra train has arrived at a meeting or waiting point unless instructed to check register for extra train by Form (R) Train Order (Example 3).

TP&W Rule 85(a). Trains of one schedule may pass trains of another schedule of the same class and extra trains may pass and run ahead of second and third class trains and extra trains. Third class trains may pass and run ahead of second class trains.

TP&W Rule 161. A yellow flag placed on the engineman's side of the track indicates that the track about 6500 feet distance is in condition for speed of but 10 MPH, unless otherwise specified by train order. bulletin, or black numerals on a yellow disc displayed by the foreman at the point where slow track begins. A green flag placed on the engineman's side will indicate end of slow track.

TP&W Rule 221. COLOR LIGHT TRAIN ORDER SIGNALS MAY DISPLAY:

ASPECT	Name	Indication
Green	Clear train order signal	Proceed-no orders.
Red	Stop train order signal	Positive stop at train order signal.
Flashing Red	Flashing Red train order signal	Advance at authorized speed to train order signal and proceed if clearance received. MUST NOT BE interpreted as "calling on" signal and cannot confer authority to occupy main line without flag protection, if such authority has not been conferred by time table or train order.

TP&W Form (R) Train Order, Check of Trains.

- (1) At 10:01 A.M. overdue trains have arrived (or left or passed) D.
- (2) No. 121 Engine 900 has arrived at C.
- (3) No. 25 (or Extra 700 West) may check train register at R against Extra 600 East on Order No. 12.
- (4) Extra 600 East register at R on Order No. 12.

When example No. (4) is used, number and date of the order specified will be written in column of train register showing "Signals".

On P&PU tracks at Pekin, all trains and engines must move prepared to stop and expecting to find tracks occupied. In addition to other rules for protection of trains or engines, it is required of men in charge of trains or engines occupying main tracks that they protect their trains or engines during fogs, storms and other bad conditions as well as where curvature is sharp or view obstructed.

- 1. SPEED REGULATIONS
- (A) MAXIMUM AUTHORIZED SPEED

BETWEEN:	MPH
Ancona and MP 25	30
MP 25 and Streator Jct.	40
Streator Jct. and Pekin Jct. (TP&W)	35
Pekin Jct. and East Yards	30
Pekin, P&PU Ry.	10

(B) SPEED RESTRICTIONS—CURVES, RR CROSSINGS AND BRIDGES

	MPH
2 Curves, Ancona to MP 0.2	20
RR Crossing MP 12.9 (Automatic Interlocking Rule 321C)	20*
RR Crossing MP 43.4 (Automatic Interlocking Rule 321C)	20
RR Crossing MP 45.8 (Stop, Rules 98(A), 98(B), 98(C), 98(E)	30
Pekin P & PU Interlocking MP 57.9	10
*Speed shown applies only until head end of train is	through

interlocking limits. (C) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of switches, 10 MPH.

Trains and engines using other than main track must not exceed turnout speed for that track.

3. TRACKS BETWEEN STATIONS

Name		Capacity (Feet)
Sinclair Oil Corporation	MP 3.0	350
Swift	MP 20.6	350
Cilco (spur)	MP 51.7	1,250

JUNCTION SWITCHES (RULE 98(D))

Location	Normal Position	
Streator Jct.	TP&W R.R.	
Pekin Jct.	TP&W R.R.	
MP 56.8	ConRail	
MP 57.6	ConRail	

WESTWARD	Capacity of Sidiogs in Feet	Ruling Grade Ascending	TIME TABLE No. 12 October 25, 1981	Ruling Grade Ascending	Mile Post	Communications Turn Tables and Wyes	EASTWARD
		Feet Per Mile	STATIONS	Feet Per Mile			•
↓	1241	69.2	HENRIETTA YL 4.9 RICHMOND YL	o	5.1	R C	1
			(4.9)				

YARD LIMITS IN EFFECT:

Henrietta to Richmond.

SPECIAL RULES

- 1. SPEED REGULATIONS
- (A) MAXIMUM AUTHORIZED SPEED

BETWEEN:	MPH
Henrietta and MP 5.7	· 10

(C) SPEED RESTRICTIONS—SWITCHES

Maximum speed permitted through turnout of switches, $10\ \mathrm{MPH}.$

Trains and engines using other than main track must not exceed turnout speed for that track.

4. REGISTER STATIONS (Rule 83 (B))

STATIONS LISTED BELOW ARE REGISTER STA-TIONS ONLY FOR TRAINS DESIGNATED:

Stat	ion	 Designated	Trains
~		 	

Corwith Originating or terminating Chillicothe All except first class Ft. Madison Originating or terminatingAll except first class Marceline Kansas City Originating or terminating

5. JOINT TRACK FACILITIES

CHICAGO—FT. WAYNE JCT.—Passenger trains will use Chicago Union Station Company tracks between Chicago Union Station and Ft. Wayne Jct. and be governed by Chicago Union

Station Company Rules and Instructions.

FT. WAYNE JCT.—BRIDGEPORT—Passenger trains will use, and AT&SF trains and engines may use, ICG northward and southward main tracks between Ft. Wayne Jct. and Bridge-

port. ICG Rule 93 in effect.

AT&SF JCT.—BRIDGEPORT—ASH STREET — AT&SF trains and engines may use ICG eastward and westward main tracks between AT&SF Jct. and Ash Street. Movements against the current of traffic between AT&SF Jct. and Bridgeport Interlockings and between Bridgeport and Ash Street Interlockings must not be made unless authorized by ICG Train Director, who may relay permission through the operator-leverman, who will make provision for protection of the movement. Verbal authority must be obtained by contacting operator-leverman via telephone (s) located in close proximity of interlocking signals located at Bridgeport, AT&SF Jct. and Ash Street. ICG Rule 93 in effect.

Movement between bridge signals located at MP 4 plus 714 feet and MP 4 plus 3046 feet must be made at restricted speed. Switches within these limits must not be operated without authority of control station. ICG Rule 93 in effect.

JOLIET U.S.—PLAINES—AT&SF trains may use ICG

main tracks between Joliet U.S. and Plaines when authorized by train order or by control station.

Automatic block signal system (ABS) extends between Joliet U.S. and South Joliet on double track (DT) and between South Joliet and Plaines on single track. ICG Rule 93 in effect. Block signal indications supersede superiority of trains.

Movements against current of traffic between Joliet U.S. and South Joliet must not be made unless given verbal authority by Yardmaster at South Joliet who will make provision for protection of the movement. This verbal authority may be relayed through AT&SF operator at Joliet Yard, ICG operator at South Joliet or operator at Joliet U.S.

Colorlight type train order signal installed at South Joliet displays either flashing red or flashing green aspect. Flashing red indicates-Stop; unless clearance received. Flashing green

indicates—Proceed.

Between Ft. Wayne Jct.—AT&SF Jct. and Ash Street and between Joliet U.S. and Plaines on ICG main tracks, AT&SF Rules apply except as affected by the following ICG Rules:

93. Within yard limits, the main track may be used without authority conferred by Time Table schedule, train

order or clearance.

Within yard limits, trains or engines must not be moved against the current of traffic unless authorized by person in charge of yard who will make provision for protection of the movement, and such movement will be made at YARD SPEED, not exceeding 20 MPH. Within yard limits established by train order, trains or engines must have copy of such train order with a clearance.

Within yard limits, flag protection is not required against other trains or engines, but all trains or engines must move at YARD SPEED, not exceeding 20 MPH, unless the main track is known to be clear by block signal indication in ABS territory. When a main track is not known to be clear by block signal indication, trains or engines must be prepared to stop within one-half the range of vision, in addition to observing speed restrictions of such block signal indication.

Within yard limits, trains or engines will keep informed of expected time of arrival of first class trains

to avoid delaying them.

Definitions: Restricted Speed—Proceed prepared to stop short of train, engine, obstruction, or switch not properly lined and to lookout for broken rail, but not exceeding 10 MPH. (Passenger trains not to exceed 15 MPH).

Yard Speed—A speed prepared to stop within one-half the range of vision.

Home Signal-A block or interlocking signal, designated by the absence of either a number plate or a marker light, at the entrance of a route or block to govern trains or engines entering and using that route or block.

BLOCK AND INTERLOCKING SIGNALS

Aspect	Name	Indication
Green, or Green over Red, or White over Green	Clear	Proceed.
Yellow over Green	Approach Limited	Proceed; approach next signal prepared to enter turnout at prescribed speed, but not exceeding 40 MPH.
Red over Green	Diverging Clear	Proceed on diverging route; not exceeding prescribed speed through turnout.
Yellow over Red, or White over Diagonal Yellow	Approach	Proceed; prepared to stop at next signal. Train exceeding 30 MPH must at once reduce to that speed.
Red over Yellow	Diverging Approach	Proceed on diverging route; through turnout at prescribed speed; prepared to stop at next signal, but not exceeding 30 MPH.
Diagonal Lunar over White	Restricting Diverging Main Route	Proceed at Restricted speed.
Diagonal Lunar	Restricting Indication	Proceed at Restricted speed.
Red (With number plate), or White over Red	Restricted Proceed	Proceed at Restricted speed.
Red over Red, or Red Horizontal	Stop	Stop.

PLAINES-PEQUOT-A.T.& S.F. and ICG. The movement of ICG trains will be governed by A.T.&S.F. Rules in ICG Time Table.

LOMAX-FT. MADISON. TP&W trains use AT&SF tracks between Lomax and Ft. Madison and are governed by AT&SF Time Table and Rules.

W.B. JCT.—SHEFFIELD AND SANTA FE JCT.—ARGENTINE—A.T.& S.F. and N.& W. The movement of N.& W. trains will be governed by A.T.& S.F. Rules in N.& W. Time Table.

ETON-CONGO—A.T.& S.F. and Mo. Pac. The movement of Mo. Pac. trains will be governed by A.T.& S.F. Rules in Mo. Pac. Time Table.

CONGO-ROCK CREEK JCT. A.T.& S.F. trains may use Mo. Pac. tracks.

ROCK CREEK JCT., SHEFFIELD-SANTA FE JCT. A.T.& S.F. trains use tracks of K.C.T. Ry. Co. and be governed by A.T.&S.F. rules and greater Kansas City area Operating

STREATOR JCT .-- PEKIN JCT. Trains will use T.P. & W. track.

EAST YARDS-PEKIN. Trains will use ConRail Track.

PEKIN-Trains may use P&PU tracks, rules applicable within TCS limits are in effect.

6. SIGNALS NOT CONFORMING TO THE ASPECTS AND INDICATIONS SHOWN IN "FIXED SIGNALS" IN RULES. (Rule 311)

CHICAGO—INTERLOCKING AT&SF JCT. EASTWARD WITH CURRENT OF TRAFFIC

A.T.& S.F. Track-First signal west of CR-C&WI crossing Red over Red-Stop

Red over Lunar-Proceed to next signal

ICG Track-First signal west of CR-C&WI crossing

Red over Red-Stop

Yellow over Red—Proceed to next signal Red over Yellow—Diverging route

EASTWARD AGAINST CURRENT OF TRAFFIC A.T.& S.F.—ICG Tracks—First signal west of CR-C&WI crossing

Red—Stop

Lunar-Proceed to coach yard and other routes

EASTWARD WITH CURRENT OF TRAFFIC A.T.& S.F.—ICG Tracks—First signal east of CR-C&WI

crossing

Red over Red-Stop

Yellow over Red over Red—To ICG Track Red over Yellow over Red—To C.& W.I. track Red over Red over Yellow—To coach yard and other routes

BRIDGEPORT—INTERLOCKING EASTWARD—4 UNIT SIGNAL

1st. or top unit—ICG 2nd. unit—A.T.& S.F. 3rd. unit—ICG

4th. or lower unit—Against current of traffic (ICG Rule

93 governs) WESTWARD—2 UNIT SIGNAL

1st. or top unit—A.T.& S.F.

Lower unit—ICG main tracks WESTWARD—4 UNIT SIGNAL

1st. or top unit-ICG

2nd. unit—A.T.& S.F. 3rd. unit—ICG main tracks

4th. or lower unit-Against current of traffic (ICG Rule 93 governs)

JOLIET U.S.—Top unit indicates movement to AT&SF, lower unit indicates movement to ICG.

Route signal located near base of mast indicates route.

Red—Normal

Yellow—Diverging route

At interlockings Bridgeport and Joliet U.S., a fixed signal displaying single yellow aspect indicates "Proceed prepared to enter turnout or to stop short of train or obstruction.

PLAINES—EASTWARD CONTROLLED SIGNAL

Green, white light below Proceed per Rule 283
Yellow, white light below Proceed per Rule 286
Red Stop per Rule 292

MP 43.2—EASTWARD AUTOMATIC SIGNAL A-8

Green, yellow light left Proceed per Rule 282 Stop per Rule 291

Other than red, no white light Proceed per Rule 285 PEQUOT—Westward to ICG approach signal No. 541 displays yellow over green and westward controlled signal

displays red over yellow.

W.B. JCT.—Eastward, 3 Unit Signal on South Track. Movement to A.T.&S.F. governed by indication of top and middle units, per Rules 283, 286, 290, and 292. Movement to N.&W. governed by indication on all 3 units. Eastward 2 Unit Signal on North Track at W.B. Jct. will display indications in accordance with A.T.& S.F. Rules 281, 282, 283, 285, 286, 290 and 292; to N.& W., red over green aspect is authority to use crossover at prescribed speed; red over yellow aspect is authority to enter N.& W. siding or approach next signal on main track prepared

C.A. JCT.—South Track, westward, 2 Unit Signal. Movement to A.T.& S.F. governed by indications per Rules 283, 286, 290 and 292; to N.& W., green over red, yellow over red and

red over red.

North Track, westward, 3 Unit Signal. Movement to A.T.&S.F. governed by indication of top and middle units, per Rules 283, 286, 290 and 292. Movement to N&W governed by indication on all 3 units.

ETON-Color light switch point indicator located at Mo. Pac. connection switch displays yellow when lined for Mo.Pac and dark when lined for A.T.&S.F. Yellow over yellow aspect on eastward approach signal MP 439.3 indicates Eton interlocking is lined for Mo.Pac.
Pekin, P&PU Ry.—All signals are equipped with number plates

and are controlled signals Top or Left Unit Green—Proceed per Rule 281 Yellow to Right or Middle—Proceed per Rule 290 Yellow over Red over Red—Proceed per Rule 290 Red over Red over Yellow —Proceed per Rule 290 Red on Bottom or All Red—Stop

2 Unit Signal: Top Unit, Yellow—Proceed per Rule 290

Bottom Unit Red—Stop

7. MAXIMUM SPEED OF ENGINES.

Engines	Forward or Dead In Train (MPH)	When not Con- trolled From Leading Unit (MPH)
AMTRAK 100-799; 5940-5948	90*	45
1153, 1160, 1215-1260, 1416-1441, 1500-1536, 2326-2390	45	45
ALL OTHER CLASSES	70	45

Forward speed applies when lead unit of train is controlling and is in backing position. EXCEPTION: When such unit is car body type, maximum authorized speed 45 MPH.

*Engine without cars must not exceed 70 MPH.

8. MAXIMUM DEPTH OF WATER THROUGH WHICH ENGINES MAY BE OPERATED AND MAXIMUM SPEED IN SUCH OPERATION.

	Maximum depth (Inches)	Maximum speed (MPH)
All Classes except Amtrak	4	5
Amtrak	2	2

9. DERRICKS, CRANES, SCALE TEST CARS

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

		Pile	
		Drivers	
	į	AT 199454	Locomotive
		AT 199455	Crane
		AT 199457	AT 199720
		AT 199458	and
		AT 199459	Other
		AT 199460	Machines
		AT 199461	Including
		AT 199462	
		AT 199463	
	f	and	AT 199452
	Wrecking	Jordan	AT 199453
	Derricks	Spreaders	AT 199456
District	MPH	MPH	MPH
First, Second, Third,			
and Fourth except South	ŀ		
Track Hardin-C.A. Jct.	40	45	30
South Track			
Hardin-C.A. Jct., and			
Pekin & St. Joseph			1
Districts	24	24	24
Trains or engines handli	no wreckir	e derricks.	cranes, pile

Trains or engines handling wrecking derricks, cranes, pile drivers, Jordan Spreaders, and similar machinery moving on their own running gear, through a turnout must not exceed onehalf the maximum authorized speed for that turnout.

Locomotive Crane AT 199720 and pile drivers must be

handled in trains next to engine.

All foreign line scale test cars must be handled in trains immediately ahead of caboose at speed not exceeding 50 MPH.

10. Trains or engines must not foul nor enter main tracks through hand throw switches where Rule 251 is in effect, until authority to do so has been obtained from the train dispatcher. Movement must be made as prescribed by Rules 99(E) and 319(A).

11. BULLETIN BOOKS (Rule 80)

Chicago Union Station, Telegraph Office
Corwith Telegraph, Roundhouse, and Yard-
men's Locker Facilities
General Motors Yard Yard Office
Joliet Yard
Streator Yard Office
Chillicothe Station (Register Room)
Galesburg Yardmen's Locker Room
Ft. Madison Station (Register room), Round-
house Office and Yardmen's
Locker Room
Marceline Station (Register Room)
Sugar Creek Station
Kansas City Room 125-L, Union Station
Argentine YMCA and Roundhouse Office
Morton Station
Pekin Station

12. STANDARD CLOCKS (Pule 1)

STANDARD CLOCKS (Rule 1)
Chicago
Corwith Telegraph and Roundhouse Offices
General Motors Yard Yard Office
Joliet Yard
Streator Yard Office
Chillicothe Station (Register Room)
Ft. Madison Station (Register room) and
Roundhouse Office
Marceline Station (Register Room)
Kansas City Room 125-L, Union Station
Argentine Roundhouse Office
Morton Station

AVOID DAMAGE—SWITCH CUSTOMERS CARS CAREFULLY OVERSPEED Couplings are DAMAGING

Damage to freight or car can be avoided by always keeping coupling speed within the safe range-NOT OVER 4 MILES PER HOUR-A BRISK WALK.

HANDLE FREIGHT CAREFULLY AND KEEP OUR CUSTOMERS.

IT'S EVERYBODY'S JOB ON THE SANTA FE

l	R. N. CROW, General Watch Inspector
l	LOCAL TIME INSPECTORS
l	J. J. Hunt, 3153 W. 63rd Chicago
l	P. J. SKURATOWICZ, 7639 W. 63rd St Argo, Ill.
l	R. S. KERR Streator
l	R. M. WALKER Chillicothe
l	M. G. DUNLAP Chillicothe
ļ	R. J. Allison Fort Madison
1	A. L. Yocum Marceline
	J. E. Pointer Richmond
	L. M. CONNOR, 3120 Strong
	Ross Lentz, 3221 Strong Kansas City, Kans.
	H. M. FAERBER, 821 N. 7th Kansas City, Kans.
	J. F. GAMBRILL, 709 Central Kansas City, Kans.

13. TRACK SIDE WARNING DETECTORS (Rule 105(A))

HOT BOX AND DRAGGING EQUIPMENT DETECTORS

Abnormal heat from hot wheels (sticking brakes), overheated journals, traction motor or suspension bearings, will actuate track side indicators causing rotating white light on field side of associated track to illuminate at detector (scanner) and locator locations. Dragging equipment will also actuate track side indicators.

When track side indicators are actuated by a train, stop must be made with head end at locator, if possible, readout observed and instructions in locator cabinet complied with. If abnormal heat or dragging equipment is not found on equipment indicated by

locator, close inspection must be made on three cars (or units) on either side of indicated equipment.

If lamp or counters fail to show location of overheated equipment, the entire train must be thoroughly inspected for hot journals, wheels, bearings, or dragging equipment.
On inspections required above, give particular attention to heat of journals and hub of wheels. If nothing found wrong,

train may proceed at prescribed speed, but must make two stops within next sixty miles at approximately thirty mile intervals for thorough inspection of train, unless train passes an intervening hot box detector or train is delivered to terminal where mechanical inspection is made. At crew change points where mechanical inspections are not made, inbound crew will inform relieving crew of existing condition.

When track side indicator is illuminated before train reaches scanner, stop must be made and locator observed unless otherwise instructed by train dispatcher. If any lamps in locator cabinet are lighted, be governed by above instructions. If no lamps are lighted, train may proceed at prescribed speed and must be observed closely enroute.

When suspected journal on freight equipment indicated by locator is a roller bearing journal, the car must be set out unless cause found to be sticking brakes and condition corrected.

When a train is stopped by detector, Form 1572 Standard must be filed at first office of communication. Trains must not exceed speed of 30 MPH while moving over hot box detectors (scanners) when:

(a) it is snowing or sleeting; or,

(b) there is snow on ground which can be agitated by a moving train.

SHIFTED LOAD DETECTORS

All members of crew must be alert to observe indicators. When a train actuates indicators, they will display rotating light and train must stop immediately. Inspection must be made of both sides of train for shifted load and protruding objects. Dispatcher must be advised promptly by radio or telephone result of inspection.

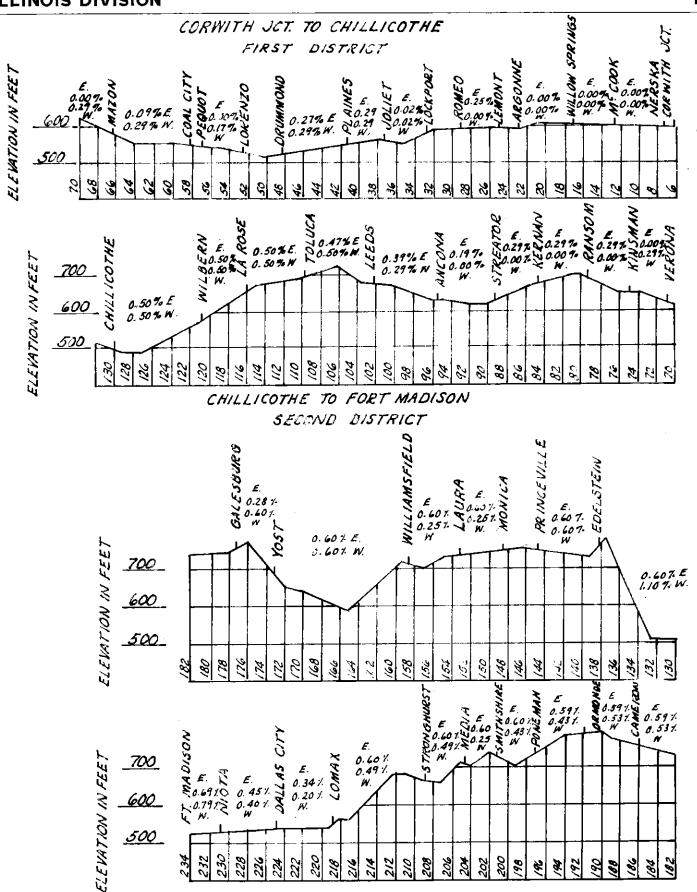
When indicators display rotating light before engine reaches detector, fixed signals indicate other than stop, and communication is established between head and rear ends of train with inderstanding indicators were actuated before engine reached indicator, train may without stopping proceed not to exceed 15 MPH until entire train has passed over bridge.

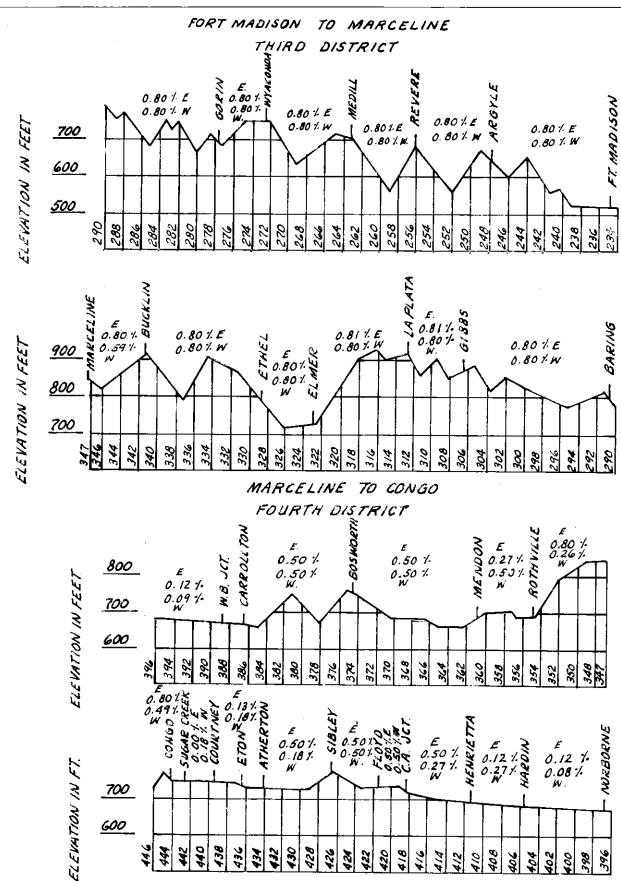
Two rotating white lights are located at the following detector and indicator locations:

Detector MP 125.3 Detector MP 168.1 Indicators MP 127.5 Indicators MP 165.9 Detector MP 366.5

Indicators MP 363.9 and 368.6 The rotating light nearest the track is for the shifted load detector and the light to the field side is for the hot box and dragging equipment detector.

Shifted load detectors will not clear man on side of car.





49. HAZARDOUS MATERIAL.

 It is the conductors responsibility to determine the identity and location of hazardous material shipments in the train. The conductor will communicate the information to members of the train and engine crew. Hazardous material shipments can be identified by checking:

Waybill The train crew is required to have a shipping paper (waybill) for each hazardous material shipment in the train. A shipping paper is also required for certain empty tank cars last containing hazardous materials. Essential information included on the shipping paper is the proper shipping name, hazard class, quantity, identification number and RQ-notation when applicable, and placards applied.

Wheel Reports The train crew is required to have a wheel report, consist, switch list or other document indicating the position in the train of each loaded placarded car.

Placards Certain cars, trailers, and containers loaded with hazardous materials are required to be placarded. Certain empty tank cars which last contained a hazardous material are required to be placarded.

Commodity Codes The commodity code will be shown on the waybill and the wheel report. Commodity codes starting with "49" indicate a hazardous material.

II. In the event of an incident involving hazardous materials, your safety is the first consideration. The following will apply, IF IT IS SAFE TO DO SO:

A. Notify the Chief Dispatcher by the quickest means possible. If railroad communications fail or are not available, call long distance to the telephone number listed below:

Fort Madison, Ia.-319-372-8711

B. Determine the location in the train of cars involved in the incident. Approach from the upwind (wind at your back) side and go no nearer than absolutely necessary to assess the condition of the cars. Use your eyes, ears and nose to detect any vapor or gas clouds, fire, smoke, unusual smells or noises, leaking material, etc. If any are present, DO NOT GO NEAR THE CARS. Smoking is prohibited in the vicinity of a hazardous material incident.

- C. Assist injured. Call for medical assistance if needed.
- D. The Chief Dispatcher will be furnished as much of the following information as possible:
 - (1) Train identification, symbol, employee name and position.
 - (2) Specific location of the incident (station, milepost location, nearest street or highway crossing.)
 - (3) Nature of the incident-number of cars involved, if upright or turned over, if ruptured or leaking, on fire or near fire, vapor or gas cloud, unusual odor or noise, etc.
 - (4) Waybill Information:
 - (a) Car number
 - (b) Proper shipping name of contents
 - (c) Hazard class of material
 - (d) Shipper and consignee
 - (e) Standard Transportation Commodity Code (49 Series number).
 - (5) Weather conditions (wind direction and intensity, temperature,
 - if raining, snowing, foggy, etc.). Location of roads, buildings, people or property subject to harm or damage from the emergency.
 - (7) Location of access roads.
 - (8) Location of nearby stream, rivers, ponds, lakes or other bodies of water.
 - Any other information that will help the dispatcher understand the situation.
 - E. Warn people to stay away from the emergency area.
- F. Contact emergency response personnel upon their arrival (police, sheriff, fire department, etc.) and provide the person in charge with information off shipping papers. DO NOT SURRENDER DOCUMENTS TO ANYONE OTHER THAN AUTHORIZED RAIL-ROAD PERSONNEL.
- G. Remain at the scene at a safe distance until relieved by a railroad Operating Department officer.

	To determi train follow -Determine -Determine	ine w the: the the	type of placard that is applied to the car. type of car to which the placard is applied	l from. Line 2		POSITION IN TRAIN OF PLACARDED CARS CONTAINING HAZARDOUS MATERIALS						
	Follow ve The symb	rtical of "V	lly down the chart and note which lines ap" indicates wording at the side that applie or explanation. PLACAI APPLIE ON CA		The cutter of the contract of							
 	TYPE OF CAR CHILD											core/
3			RESTRICTIONS			,						
4	WHEN TRAIN LENGTH PERMITS	!	MUST NOT BE NEARER THAN 6th FROM ENGINE, OCCUPIED CABOOSE OR PASSENGER CAR	V	√			√				
5	WHEN TRAIN LENGTH DOES NOT PERMIT	ĺ	MUST BE NEAR MIDDLE OF TRAIN BUT NOT NEARER THAN 2nd FROM ENGINE, OCCUPIED CABOOSE.	√	√			√				
6	,	A C	OADED FLAT CAR. A FLATCAR QUIPPED WITH PERMAY ENTLY TTACHED ENDS OF RIGID FORSTRICTION IS CONSIDERED TO BE IN OPEN-TOP CAR.	v	√	√		√ 2				FOOTNOTES: ① Loaded cars placarded "EXPLOSIVES A" may be placed next to each other.
7		LA EN EN	IN OPENTOP CAR WHEN ANY OF THE DING PROTRUDES BEYOND THE CAR DIS OR WHEN ANY OF THE LADING TENDING ABOVE THE CAR ENDS IS ABLE TO SHIFT SO AS TO PROTRUDE YOND THE CAR ENDS:	√	v	v		√				
В			ENGINE	√	V	√	V	√		•		② A specially equipped car in trailer-on-flatcar or container-on-flatcar service or a flatcar loaded with vehicles
9	W	A Pi Ci	XCEPT AS PROVIDED IN LINES 10 ND II, A CAR OCCUPIED BY ANY ERSON OR A PASSENGER CAR OR UMBINATION CAR THAT MAY BE CCUPIED.	√ ³	V ³	V 3	V	V	v	V		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 may be placed next to these placarded loaded tank cars subject
10	U S T N		OCCUPIED CABOOSE	√ 3	1 (3)	√ 3	v	V		√		to the following: this exception for cars in trailer-on-flatcar service does not apply to loaded flathed trucks, loaded flathed
11	O T B		OCCUPIED GUARD CAR	√ ^③	√ ³	√ ³		V				trailers, loaded open-top trailers, or loaded trucks or trailers without securely closed doors. 3 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
12	Ĕ		UNDEVELOPED FILM			•	√					
13	TACED:	R A W	A CAR WITH AUTOMATIC REFRIGERATION OR HEATING PPARATUS IN OPERATION, OR A CAR WITH OPEN-FLAME APPARATUS IN ERVICE, OR WITH AN INTERNAL OMBUSTION ENGINE IN OPERATION:	√	V	√		v ∕				
14	N E X T		A CAR CONTAINING LIGHTED HEATERS, STOVES, OR LANTERNS;	√	V	√						A" placards. ② Applies only in mixed train service, see section 174.87
15	Ŏ	C A R	EXPLOSIVES A		•	√	v	v	√		:	
16		PLACARDED	POISON GAS	√			√	√	√			
17			LOADED PLACARDED CAR, OTHER THAN A CAR PLACARDED WITH THE SAME PLACARD OR THE "COMBUSTIBLE" PLACARD.	√	•	V	√					
18			RADIOACTIVE	√	•	√		√	√			

