

Division Operating Officers

Belen

D.J. McGREGOR Road Foreman (505) 864-5165

Flagstaff

C.D. McPHETRIDGE .. Roadmaster (520) 556-2712

C.W. SCHIELE Division Engineer (520) 556-2754

Gallup

J.C. CECH Roadmaster (505) 722-2776

K.D. HOOLEHAN Trainmaster (505) 722-2784

Kingman

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Needles

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Phoenix

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R.P. OLSEN Supt. Operations (602) 382-5828

J.S. SAWICKI Trainmaster (602) 382-5802

P.F. THOMAS Road Foreman (602) 382-5805

Winslow

M.E. BLACKWELL Gen. Equip. Foreman (520) 289-7220

W.R. BRYANT Road Foreman (520) 289-7361

K. CHAPA Trainmaster (520) 289-7270

T.P. DUNCAN Mgr. Safety/Rules (520) 289-7309

G.J. KONECNY Supt. Operations (520) 289-7273

L.A. REYES Roadmaster (520) 289-7256

BNSF



Arizona Division

Timetable No. 2

IN EFFECT AT 0001

Mountain Continental Time

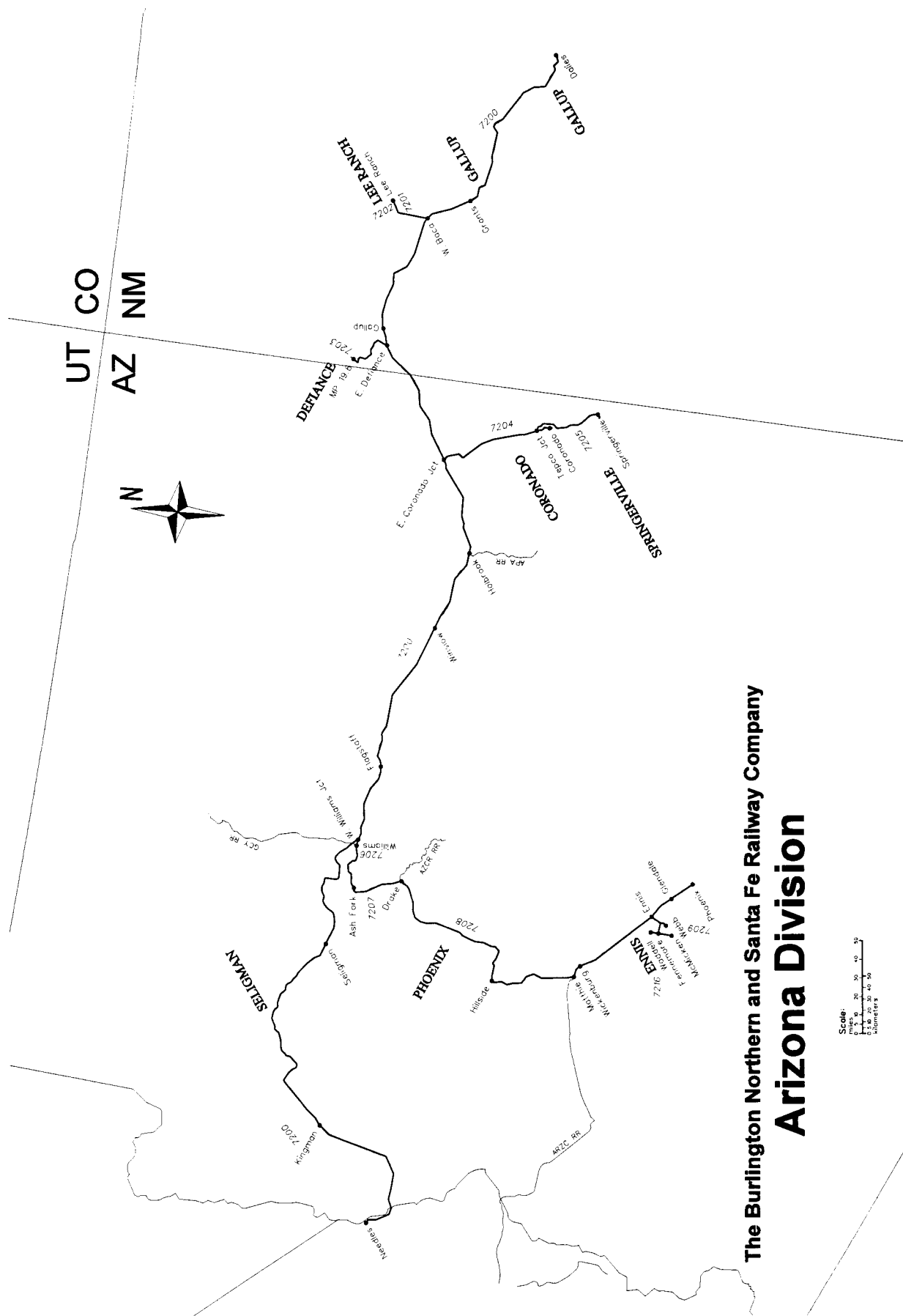
Wednesday, April 1, 1998

Division Superintendent

B. Hunter Jr.

Winslow, Arizona

(520) 289-7262



Length of Siding (Feet)	Station Nos.	Mile Post	Coronado Subdivn.		Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
			MAIN LINE STATIONS					
		0.0	EAST CORONADO JCT.			CTC		0.7
		0.7	PLATT					19.6
	20550	20.3	SALT RIVER			TWC		19.2
	20552	39.5	TEPCO JCT		A			5.9
	20555	45.4	CORONADO		R			45.4

Tone Call-In						
RADIO COMMUNICATION	CH	DS	SC	MC	CSS	EM- ER
East Coronado Jct. to Coronado	72	1	3	4	5&7	9

1. Speed Regulations

1(A). Speed—Maximum

	Freight
East Coronado Jct. to Platt	30 MPH.
Platt to MP 42.5	49 MPH.%
MP 42.5 to MP 44.0	15 MPH.
MP 44.0 through dumper	4 MPH.
MP 44.1 to MP 45.4	15 MPH.
West leg of wye at Platt	30 MPH.

1(B). Speed—Permanent Restrictions—None

1(C). Speed—Switches and Turnouts

Trains and engines using auxiliary tracks must not exceed turnout speed for that track unless otherwise indicated.

East Coronado Jct., switch to south track	40 MPH.
West Coronado Jct., switch to south track	40 MPH.
Platt, switch to west leg of wye	30 MPH.
Tepco Jct., switch to Springerville Subdiv.	40 MPH.
Coronado, spring switch—Coronado Loop track	10 MPH.

1(D). Speed—Other

Locomotive cranes/pile drivers	25 MPH.
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See Item 1 of the System Special Instructions for additional speed restrictions.

2. Bridge and Equipment Weight Restrictions—None

3. Type of Operation

CTC—in effect:

East Coronado Jct. to Platt, and on west leg of wye, Platt.

TWC—in effect:

Platt to Coronado

Restricted Limits—in effect:

Coronado—MP 42.5 to MP 45.4

4. General Code of Operating Rules Items

Rule 14.9A Transmitting Track Warrant—Add the following:

After the train dispatcher transmits the track warrant and before the track warrant is repeated, the train dispatcher will state the total number of boxes and the box numbers marked with X.

(Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the train dispatcher will state, "This track warrant includes a requirement to meet another train."

After the receiving employee repeats the track warrant, the employee will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the employee will state, "This track warrant includes a requirement to meet another train."

Before the OK time is given, the train dispatcher will confirm the total number of boxes and the box numbers marked with X.

(Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.")

5. Trackside Warning Detectors (TWD)—None

6. FRA Excepted Track—None

7. Special Conditions

Tepco Jct.—Be governed by superintendents notice for operation of dual control switch and circuit controller box.

Overhead and Side Obstructions—Dumper at MP 44.0.

8. Line Segments

Road Line Segments

Line Segment	Limits	Mile Posts
7204	E. Coronado Jct. to Coronado	MP 0.0 to 45.4

9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens
Salt River Storage	20.3	514	Both
Coronado Generating Station	42.6	5,882	East

Length of Siding (Feet)	Station Nos.	Mile Post	Defiance Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
	20590	21.7	P&M NORTH	R			8.2
	20588	13.5	P&M SOUTH				1.0
6,200	20586	12.5	P&M SIDING				9.5
	20584	3.0	CARBON JCT.	R	TWC		1.0
5,920	20583	2.0	MENTMORE	R			1.4
		0.6	DEFIANCE	R			0.6
	20595	0.0	EAST DEFIANCE		CTC		21.7

	Tone Call-In					
RADIO COMMUNICATION	CH	DS	SC	MC	CSS	EM-ER
P&M North to East Defiance	72	1	3	4	5&7	9

1. Speed Regulations

1(A). Speed—Maximum

	Freight
East Defiance to Defiance	30 MPH.
Defiance to MP 20.3	25 MPH.
MP 20.3 to MP 21.7	10 MPH.

1(B). Speed—Permanent Restrictions—None

1(C). Speed—Switches and Turnouts

East Defiance—switch to north track	30 MPH.
West Defiance—switch to north track	30 MPH.
Defiance—switch to west leg of wye	30 MPH.

1(D). Speed—Other

Locomotive cranes/pile drivers and Jordan spreaders	20 MPH.
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See Item 1 of the System Special Instructions for additional speed restrictions.

2. Bridge and Equipment Weight Restrictions

Six-axle locomotives are restricted from operating on the following tracks: 1673 and 1674.

3. Type of Operation

CTC—in effect:

Between East Defiance and Defiance, and on West leg of wye, Defiance.

TWC—in effect:

Between Defiance and P&M North.

Restricted Limits—in effect:

P&M North—MP 19.0 to MP 21.7

Carbon Jct.-Defiance—MP 0.6 to MP 3.0

Signals Not Conforming to Aspects and Indications Shown in the System Special Instructions

Aspect	Name	Indication
Red over Flashing Yellow	Diverging Approach (Rule 9.1.11 does not apply)	Proceed through diverging route; prescribed speed through turnout; approach next signal preparing to stop, if exceeding 40 MPH immediately reduce to that speed.

4. General Code of Operating Rules Items

Rule 14.9A Transmitting Track Warrant—Add the following: After the train dispatcher transmits the track warrant and before the track warrant is repeated, the train dispatcher will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the train dispatcher will state, "This track warrant includes a requirement to meet another train."

After the receiving employee repeats the track warrant, the employee will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the employee will state, "This track warrant includes a requirement to meet another train."

Before the OK time is given, the train dispatcher will confirm the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.")

5. Trackside Warning Detectors (TWD)—None

6. FRA Excepted Track—None

7. Special Conditions

P&M North—Normal position for loop track switch is lined for clockwise movement.

Six-axle locomotives are restricted from operating on the following auxiliary tracks: 1673 and 1674.

Overhead and Side Obstructions

Defiance Spur—P&M Loading Tipple, CLIC Tracks 1663 and 1670, and Navajo Forest Products Warehouse, CLIC 1669.

8. Line Segments

Road Line Segment

Line Segments Limits

7203 Defiance to P&M Mine

9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens
Mentmore Storage	1.5	5,880	Both
Carbon Coal Loop	3.0	10,511	West
P&M South Mine	13.5	4,100	West

WEST WARD ↓	Length of Siding (Feet)	Station Nos.	Mile Post	Ennis Subdivision MAIN LINE STATIONS		Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.	↑ EAST WARD
		19578	0.0	ENNIS		R			1.1	
		19594	1.1	GOLDBADGE		R			2.3	
			3.4	SUN VALLEY		R			0.9	
	1,050	19598	4.3	BUMSTEAD		R		⌋	1.0	
		19602	5.3	WEBB SPUR		R			0.7	
	1,328		6.0	CALGAS		R		⌋	0.5	
	3,230		6.5	REAMS		R			1.1	
		19608	7.6	WAYNE		R			1.4	
		19616	9.0	FENNEMORE		R			9.0	

Tone Call-In						
RADIO COMMUNICATION	CH	DS	SC	MC	CSS	EM- ER
Ennis to Fennemore	36	1	3	4	7	9

1. Speed Regulations**1(A). Speed—Maximum**

Ennis Subdivision **Freight**
10 MPH.

1(B). Speed—Permanent Restrictions—None**1(C). Speed—Switches and Turnouts—None****1(D). Speed—Other—None****2. Bridge and Equipment Weight Restrictions—None****3. Type of Operation**

Restricted Limits—in effect:

MP 0.0 to MP 9.0 Ennis to Fennemore

4. General Code of Operating Rules Items—None**5. Trackside Warning Detectors (TWD)—None****6. FRA Excepted Track—None****7. Special Conditions**

Six-axle locomotives are restricted from operating on the Ennis Subdivision.

8. Line Segments

Road Line Segments

Line Segment Limits

7209 Ennis to Fennemore

9. Locations Not Shown as Stations—None

Length of Siding (Feet)	Station Nos.	Mile Post	Gallup Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
		0.0	BELEN JCT.	BCT	6MT CTC		5.5
		5.5	CP 55				4.6
S5,314	20870	10.1-27.4	DALIES		2MT CTC ATS		8.7
	20862	33.9	RIO PUERCO				N13.3 S14.4
S6,768	20840	47.2	SUWANEE				11.5
	20830	58.7	MARMON				12.1
	20810	71.1	LAGUNA		2MT CTC		11.6
	20784	82.7	McCARTYS				12.1
S6,620	20770	94.3	EAST GRANTS				4.0
N5,842		98.3	WEST GRANTS				8.9
S5,844 N6,758	20750	107.2	BLUEWATER				6.1
	20720	113.3	EAST BACA	T			1.5
		114.8	WEST BACA	T			N2.9
	20705	117.7	EAST PEGS	T			N0.8 S10.8
		118.5	WEST PEGS	T			N7.1
S7,128	20690	125.6	THOREAU	T	2MT CTC ATS		3.2
	20680	128.8	GONZALES				N15.9 S14.4
	20640	143.0	PEREA				6.3
S5,270	20620	149.3	McCUNE				2.3
N8,534	20610	151.6	ZUNI				4.9
		156.5	EAST GALLUP				1.1
	20600	157.6	GALLUP	BPT			3.7
		161.3	WEST GALLUP				3.7
	20595	165.0	EAST DEFIANCE				2.0
		167.0	WEST DEFIANCE	T			13.4
N6,737	20580	180.4	LUPTON	X	DT TWC ABS ATS		10.8
N7,220 S6,750	20575	191.2	HOUCK	X			8.0
S5,259	20570	199.7	CHETO	X			15.0
		214.8	EAST CORONADO JCT.	T	2MT CTC ATS		1.1
		215.9	WEST CORONADO JCT.	T			3.3
N6,437 S7,107	20540	219.2	PINTA	X			13.1
N6,769 S5,718	20535	232.3	ADAMANA	X			20.5
N6,820 S5,687	20525	253.0	HOLBROOK	PX	DT TWC ABS ATS		5.6
S7,505	20515	258.6	PENZANCE				3.8
S3,599	20510	262.4	JOSEPH CITY	X			12.4
N7,155 S5,621	20505	274.8	HIBBARD	X			9.7
	20500	284.5	EAST WINSLOW NORTH TRACK (270.0) SOUTH TRACK (269.6)	BCT	2MT CTC ATS		270.0

Tone Call-In						
RADIO COMMUNICATION	CH	DS	SC	MC	CSS	EMER
El Paso Jct. Belen Jct.	50	1	3	4	5&7	9
El Paso Jct. to MP 1.5	50	1	3	4	5&7	9
MP 1.5 to Gallup	36	1	3	4	5&7	9
Gallup to East Winslow	72	1	3	4	5&7	9

From Belen Jct. to Dalies is under the jurisdiction of the New Mexico Division.

1. Speed Regulations

1(A). Speed—Maximum

	Passenger	Freight
Belen Jct. to Dalies		55 MPH*%.
South Track		
Dalies to Marmon	90 MPH.	55 MPH*%.
Marmon to Gonzales	79 MPH.	55 MPH*%.
Gonzales to Gallup (westward only)	90 MPH.	55 MPH*%.
Gallup to Gonzales (eastward only)	79 MPH.	55 MPH*%.
Gallup to East Winslow	90 MPH.	55 MPH*%.
North Track		
East Winslow to Gallup	90 MPH.	55 MPH*%.
Gallup to Gonzales	79 MPH.	55 MPH*%.
Gonzales to MP 85.9 (eastward only)	90 MPH.	55 MPH*%.
Gonzales to MP 85.9 (westward only)	79 MPH.	55 MPH*%.
MP 85.9 to Marmon	79 MPH.	55 MPH*%.
Marmon to Dalies	90 MPH.	55 MPH*%.
Against Current of Traffic		
West Defiance to East Coronado Jct.	59 MPH.	49 MPH%.
West Coronado Jct. to East Winslow	59 MPH.	49 MPH%.
Pegs Spur		
Both legs of wye—MP 0.0 to 0.8		40 MPH.
MP 0.8 to MP 2.6		20 MPH.
MP 2.6 to MP 4.3		15 MPH.
Dumper to MP 3.9		4 MPH.

*See System Special Instruction 1(B)

Freight trains on descending grades, with dynamic brakes not in use, must not exceed:

Westward	
MP 130.4 to MP 135.5 (ST)	
Eastward	
MP 10.0 to MP 0.2	30 MPH.

1(B). Speed—Permanent Restrictions

At Belen	Passenger	Freight
MP 894.8 to MP 895.4 (Track No. 5)		30 MPH.
MP 897.2 to MP 897.3 (Tracks No. 1, No. 2, and No. 3) HE only ..		10 MPH.
South Track		
MP 0.1 to MP 0.5		30 MPH.
MP 6.7 to MP 10.2		55 MPH.
MP 27.5A to MP 32.5	70 MPH.	65 MPH.
MP 36.8X to MP 45.0X	70 MPH.	65 MPH.
MP 59.1 to MP 60.1	65 MPH.	60 MPH.
MP 60.1 to MP 61.2	55 MPH.	50 MPH.
MP 61.2 to MP 62.9 protected by inert		
ATS inductors	50 MPH.	45 MPH.
MP 62.9 to MP 66.0	70 MPH.	65 MPH.
MP 66.0 to MP 66.7	60 MPH.	55 MPH.
MP 66.7 to MP 67.8	70 MPH.	65 MPH.
MP 83.9 to MP 88.0	60 MPH.	55 MPH.
MP 88.0 to MP 91.0	70 MPH.	65 MPH.
MP 129.4 to MP 130.2 (westward only)	80 MPH.	
MP 149.7 to MP 150.1 (westward only)	80 MPH.	
MP 154.6 to MP 156.8 (westward only)	85 MPH.	
MP 156.8 to MP 157.6	65 MPH.	30 MPH.
MP 157.6 to MP 157.9 (HE only)	30 MPH.	30 MPH.
MP 157.6 to MP 158.3	45 MPH.	30 MPH.
MP 160.7 to MP 160.9	80 MPH.	
MP 166.4 to MP 166.7	85 MPH.	
MP 188.4 to MP 188.9	80 MPH.	
MP 213.2 to MP 219.2	80 MPH.	
MP 228.0 to MP 228.3	85 MPH.	
MP 249.5 to MP 252.1	80 MPH.	
MP 253.1 (HE only)	70 MPH.	
MP 264.2 to MP 264.4	80 MPH.	
MP 284.6 to MP 285.5	65 MPH.	55 MPH.

North Track	Passenger	Freight
MP 285.5 to MP 284.6	65 MPH.	55 MPH.
MP 264.4 to MP 264.2	80 MPH.	
MP 253.1 (HE only)	70 MPH.	
MP 252.1 to MP 249.5	80 MPH.	
MP 219.2 to MP 213.2	80 MPH.	
MP 188.9 to MP 188.4	80 MPH.	
MP 166.7 to MP 166.4	85 MPH.	
MP 160.9 to MP 160.7	80 MPH.	
MP 158.3 to MP 157.6	45 MPH.	30 MPH.
MP 157.9 to MP 157.6 (HE only)	30 MPH.	30 MPH.
MP 157.6 to MP 156.8	65 MPH.	50 MPH.

MP 136.4X to MP 133.4X	60 MPH.	55 MPH.
MP 130.7X to MP 129.9X	60 MPH.	55 MPH.
MP 127.8 to MP 127.5 (eastward only)	80 MPH.	
MP 109.7 to MP 105.0 (eastward only)	80 MPH.	
MP 102.3 to MP 101.8 (eastward only)	85 MPH.	
MP 91.0 to MP 88.0	70 MPH.	65 MPH.
MP 88.0 to MP 83.9	60 MPH.	55 MPH.
MP 67.8 to MP 66.7	70 MPH.	65 MPH.
MP 66.7 to MP 66.0	60 MPH.	55 MPH.
MP 66.0 to MP 62.9	70 MPH.	65 MPH.
MP 62.9 to MP 61.2 protected by inert		
ATS inductors	50 MPH.	45 MPH.
MP 61.2 to MP 60.1	55 MPH.	50 MPH.
MP 60.1 to MP 59.1	65 MPH.	60 MPH.
MP 39.1 to MP 38.6	85 MPH.	
MP 32.4 to MP 27.5A	70 MPH.	65 MPH.
MP 27.5 to MP 27.4	50 MPH.	40 MPH.
MP 10.2 to MP 10.0	40 MPH.	
MP 10.0 to MP 9.6	50 MPH.	
MP 9.6 to MP 8.4	55 MPH.	
MP 8.4 to MP 6.7	65 MPH.	
MP 0.5 to MP 0.1	30 MPH.	

1(C). Speed—Switches and Turnouts

Trains and engines using auxiliary tracks must not exceed turnout speed for that track unless otherwise indicated.

MP 915.0, Isleta, turnout to El Paso Subdivision	40 MPH.
MP 895.6, El Paso Jct. all switches (except entering yard)	30 MPH.
MP 897.6, Belen Jct., all switches (except entering yard)	30 MPH.
Belen Jct., all dual control switches (except entering yard at 7110 or 7112 leads	30 MPH.
Entering yard at 7110 lead, dual control switch	10 MPH.
Entering yard at 7112 lead, dual control switch	10 MPH.
Crossover, MP 0.5	50 MPH.
CP 55, two crossovers	50 MPH.
Dalies, MP 27.4	40 MPH.
Crossover, MP 27.5	40 MPH.
Crossover, MP 27.6	50 MPH.
Rio Puerco, two crossovers, MP 33.9	50 MPH.
Suwanee, two crossovers, MP 47.2	50 MPH.
Marmon, two crossovers, MP 58.7	50 MPH.
Laguna, two crossovers, MP 71.1	50 MPH.
McCartys, two crossovers, MP 82.7	50 MPH.
East Grants, crossover, MP 94.3	50 MPH.
West Grants, crossover, MP 98.3	50 MPH.
East Baca, crossover, MP 113.3	50 MPH.
Switch to east leg of wye, MP 113.4	40 MPH.
West Baca, switch to west leg of wye, MP 114.7	40 MPH.
Crossover, MP 114.8	50 MPH.
East Pegs, switch to east leg of wye, MP 117.7	40 MPH.
West Pegs, switch to west leg of wye, MP 118.5	40 MPH.
Pegs, stem of wye	40 MPH.
Gonzales, two crossovers, MP 128.9	50 MPH.
Perea, two crossovers, MP 142.9	50 MPH.
East Gallup, crossover, MP 156.4	40 MPH.
Crossover, MP 156.5	50 MPH.
EE Freight Lead, MP 156.6	20 MPH.
West Gallup, two crossovers, MP 161.3	50 MPH.
WE freight lead, MP 161.2	20 MPH.
East Defiance, crossover, MP 165.1	50 MPH.
East leg of wye, MP 165.3	30 MPH.
EE Storage No. 1, MP 165.4, electric switch lock	30 MPH.
WE Storage No. 1, MP 165.9, electric switch lock	30 MPH.
West Defiance, west leg of wye, MP 166.9	30 MPH.
Crossover, MP 167.0	50 MPH.
Houck, WE south siding and EE north siding	20 MPH.
East Coronado Jct., crossover, MP 214.8	50 MPH.
Switch to east leg of wye, MP 214.8	40 MPH.
West Coronado Jct., switch to west leg of wye, MP 215.8	40 MPH.
Crossover, MP 215.8	50 MPH.
Hibbard, EE North Siding	20 MPH.
East Winslow, Crossover, MP 284.5	50 MPH.
Crossover, MP 284.7	50 MPH.
East Freight Lead, MP 284.8	20 MPH.
South Main Track, MP 284.9	50 MPH.
East Pass Yard Track No 1, MP 285.3	20 MPH.

1(D). Speed—Other

Six-axle locomotives are restricted from operating on the following tracks:

Suwanee	7382
Laguna	7482
Grants	7752, 7753, and 7766
Reid	7801, 7802, 7803, 7804, 7805 and 7812
Thoreau	8061, 8063, 8064, 8065 and 8066
Ciniza	Ciniza Spur 8190
Wingate	8261 and 8262
Zuni	1513, 1514, 1515, 1517, 1518, 1519, 1520 and 1521
Gallup	Gamerco tracks, 1615, 1616, 1617, 1608 and 1609 Yard Tracks, 1606-1613
Houck	1922
Pinta	2192
Holbrook	8538 and 8539
Winslow,	
Duke City Lumber	2945

Temperature 100 degrees or above—When air temperature meets the "threshold temperature", all trains must reduce speed to 40 MPH on main tracks through these limits unless a more restrictive speed is in effect.

If in doubt as to the temperature, contact the train dispatcher. Notify the train dispatcher when your train is restricted to 40 MPH.

Limits	Threshold Temperature	Speed
MP 2.2 to MP 9.4	100 degrees	40 MPH
MP 38.5 to MP 45.9 (NT)	100 degrees	40 MPH
MP 119.0 to MP 124.1 (NT)	100 degrees	40 MPH
MP 130.5 to MP 132.5	100 degrees	40 MPH

See Item 1 of the System Special Instructions for additional speed restrictions.

2. Bridge and Equipment Weight Restrictions—None

3. Type of Operation

CTC—in effect:

Between Belen Jct. and West Defiance.

Between East Coronado Jct., and West Coronado Jct., at East Winslow, on both legs of wye at Pegs.

TWC—in effect:

On double track between West Defiance and East Coronado Jct.

Between West Coronado Jct. and East Winslow.

Restricted Limits—in effect:

No. 4 Track—MP 895.6 to MP 897.5

No. 5 Track—MP 895.3 to MP 896.9

No. 6 Track—MP 895.7 to MP 896.9

Signals Not Conforming to Aspects and Indications Shown in the System Special Instructions

Aspect	Name	Indication
Red over Flashing Yellow	Diverging Approach (Rule 9.1.11 does not apply).	Proceed through diverging route; prescribed speed through turnout; approach next signal preparing to stop, if exceeding 40 MPH immediately reduce to that speed.

4. **General Code of Operating Rules Items**

Rule 5.4.8—Flags may be displayed, when necessary to protect men and machines or affected track, to the left of track as viewed from an approaching train or engine.

Rule 5.5—Permanent speed signs are not displayed for movements against current of traffic.

Rule 6.3—Movement with the current of traffic may be authorized verbally by the train dispatcher for crossover or other short-distance movements.

Rule 6.17—Normal position of main track switches within restricted limits Belen will be left lined as last used.

Rule 6.24—in double track territory, trains will keep to the left when operating with the current of traffic:

- West Defiance to East Coronado Jct.
- West Coronado Jct. to East Winslow

Rule 6.25—Movement Against the Current of Traffic:

Spring switches are located as follows:

Pinta	WE South Siding and EE North Siding
Adamana	WE South Siding and EE North Siding
Holbrook	WE South Siding
Penzance	WE South Siding
Hibbard	EE North Siding

Rule 6.26—Where two or more main tracks are in service, they will be designated as follows:

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

Rule 12.1—ATS in effect on both tracks between Dalies and Marmon, in both directions; on South Track between Gonzales and East Winslow, westward movements only; on North Track between East Winslow and Gallup, eastward movements only; and on North Track between Gonzales and MP 85.9, eastward movements only.

Rule 14.10—When running with the current of traffic, it will not be necessary to report limits clear unless so instructed by train dispatcher.

5. **Trackside Warning Detectors (TWD)**

- A. Protecting bridges, tunnels or other structures: None
- B. Other FED locations
 - MP 28.3—Recall Code 8
 - MP 44.5—Recall Code 0
 - MP 45.7X—Recall Code 0
 - MP 65.8—Recall Code 8
 - MP 90.5—Recall Code 8
 - MP 111.1—Recall Code 8
 - MP 131.3X—North Track—Bidirectional—Recall Code 8
 - MP 131.3—South Track—Bidirectional—Recall Code 8
 - MP 153.9—Recall Code 8
 - MP 176.9—Recall Code 8
 - MP 202.4—Recall Code 8
 - MP 225.2—Recall Code 8
 - MP 247.4—Recall Code 8
 - MP 270.4—Both Tracks—Bidirectional—Recall Code 8

C. **Other Detectors**

- MP 69.8 and MP 70.1—High Water
 - WWD signals 681 and 683
 - EWD controlled signals Laguna MP 71.2
- MP 72.6—High Water—Signals 721, 723, 752 and 754
- MP 91.5—High Water—Signals 901, 903, 922 and 924
- MP 141.8X—High Water
 - Signal 1411 and EWD controlled signals Perea
- MP 150.5—High Water
 - Signals 1481, 1483, 1502 and 1504
- MP 174.8—Rock Slide
 - Signals 1741, 1752
 - Rotating red warning lights at MP 174.8 and MP 175.1
- MP 239.4—High Water—Signals 2391 and 2392
- MP 908.7—High Water
 - EWD signal 9092
 - WWD controlled signal MP 906.4

6. **FRA Excepted Track—None**7. **Special Conditions**

Belen Jct.—Trains will be governed by Clovis Subdivision Timetable and Special Instructions.

Pegs—Normal position for loop track switch is lined for clockwise movement.

Overhead and Side Obstructions

1. Belen, overhead foot bridge MP 932.8.
2. Reid, metal loading platform and ramps, Koch Sulphur Products, North Side, CLIC 7801, east end.
Reid, under-track auger installed on south spur MP 101.5. Watch your footing.
3. Pegs, dumper MP 3.9.
4. Ciniza, Giant Refinery, along east and west loading tracks, concrete foundation and metal stairway.
5. Wingate, loading rack, CLIC 8262, at Chemstam.
6. Thoreau, under-track hopper and belt conveyor permanently installed on Rock Track, CLIC 8051. Watch your footing.

8. **Line Segments****Yard Line Segments**

Line Segment	Yard
7355	Belen Yard
7250	Gallup Yard
7251	Winslow yard

Road Line Segments

Line Segment	Limits	Mile Posts
7305	Belen Jct. to Dalies	0.0 to 10.0
7200	Dalies to Winslow	27.4 to 284.5

9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens
North Track			
Rio Puerco	34.2	852	Both
Garcia	42.2	1,254	East
Suwanee	45.8	3,220	Both
Quirk North Set Out	63.5	931	East
Laguna	67.9	2,649	Both
Acomita	76.3	1,490	Both
Anzac	86.5	488	East
Reid	100.7	4,944	Both
West Baca	114.1	1,000	Both
North Guam	136.7	972	Both
Wingate	146.5	2,277	Both
Chambers	205.9	3,455	Both
Navajo	213.3	2,247	Both
Arntz	245.2	584	East
South Track			
Garcia	42.2X	1,054	East
Quirk South Set Out	63.5	458	East
Laguna	69.7	2,550	East
Anzac	86.1	2,059	Both
Reid	101.6	384	West
West Baca	114.4	1,000	Both
South Guam	136.2	3,440	West
Ciniza	138.9	3,093	Both
Chambers	206.1	1,829	West
Arntz	245.9	737	West

Length of Siding (Feet)	Station Nos.	Mile Post	Lee Ranch Subdivn.		Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
			MAIN LINE STATIONS					
	20745	15.4X	LEE RANCH		R	TWC		15.4
	20740	0.0X 27.3	LEE RANCH JCT.					10.2
	20736	17.1	AMBROSIA					12.1
	20730	5.0	ESCALANTE JCT.					4.1
		0.9	BACA			CTC		0.9
		0.0	WEST BACA					42.7

RADIO COMMUNICATION	Tone Call-In					
	CH	DS	SC	MC	CQS	EM-ER
Lee ranch to West Baca	36	1	3	4	5&7	9

1. Speed Regulations

1(A). Speed—Maximum

	Freight
West Baca to Baca	40 MPH.
Baca to Lee Ranch MP 13.5X	49 MPH.%

1(B). Speed—Switches and Turnouts—None

1(C). Speed—Switches and Turnouts

Trains and engines using auxiliary tracks must not exceed turnout speed for that track unless otherwise indicated.

West Baca—switch to north track	40 MPH.
East Baca—switch to north track	40 MPH.
Baca—switch to east leg of wye	40 MPH.
Baca wye storage—WE storage 0.9	30 MPH.
Baca wye storage—EE storage 2.2 spring switch	30 MPH.

1(D). Speed—Other

Locomotive cranes/pile drivers and Jordan spreaders	25 MPH.
East leg of wye—Baca	40 MPH.
Escalante Spur	15 MPH.

See Item 1 of the System Special Instructions for additional speed restrictions.

2. Bridge and Equipment Weight Restrictions—None

3. Type of Operation

CTC—in effect:

Between West Baca and Baca and on east leg of wye Baca.

TWC—in effect:

Between Baca and Lee Ranch.

Restricted Limits—in effect:

Lee Ranch—MP 12.3X to MP 15.4X

Signals Not Conforming to Aspects and Indications Shown in the System Special Instructions

Aspect	Name	Indication
Red over Flashing Yellow	Diverging Approach (Rule 9.1.11 does not apply).	Proceed through diverging route; prescribed speed through turnout; approach next signal preparing to stop, if exceeding 40 MPH immediately reduce to that speed.

4. General Code of Operating Rules Items

Rule 14.9A Transmitting Track Warrant—Add the following: After the train dispatcher transmits the track warrant and before the track warrant is repeated, the train dispatcher will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the train dispatcher will state, "This track warrant includes a requirement to meet another train."

After the receiving employee repeats the track warrant, the employee will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the employee will state, "This track warrant includes a requirement to meet another train."

Before the OK time is given, the train dispatcher will confirm the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.")

5. Trackside Warning Detectors (TWD)—None

6. FRA Excepted Track—None

7. Special Conditions

Lee Ranch—Normal position for loop track switch is lined for counterclockwise movement.

8. Line Segments

Road Line Segments

Line Segment Limits

7201 Lee Ranch to West Baca

9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens
Wye Storage	0.9	6,451	Both
Escalante	5.0	3.2 Miles	West
Ambrosia	17.1	147	Both
Lee Ranch Mine Storage	12.3X	6,840	Both
Lee Ranch Coal Loop Storage	14.8X	797	West

Length of Siding (Feet)	Station Nos.	Mile Post	Phoenix Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
	20125	375.2	WEST WILLIAMS JCT.				2.9
	20150	378.1	WILLIAMS				6.1
5,433	20180	384.2	SERENO				20.5
	20200	401.2 0.0	ASH FORK	PR	TWC		22.0
	20210	21.2	DRAKE	T			7.2
6,188	20240	28.4	ABRA				6.0
1,480	20270	34.4	KAYFOUR				11.8
6,262	20275	46.2	TUCKER				20.0
	20280	80.6	SKULL VALLEY		DT TWC		6.2
4,006	20285	86.8	KIRKLAND				8.6
3,460	20290	95.4	GRAND VIEW				6.1
4,939	20297	101.5	HILLSIDE				8.2
6,452	20305	109.7	DATE				6.7
1,878	20315	116.4	PIEDMONT		TWC		6.8
3,598	20322	123.2	CONGRESS				11.8
	19550	135.0	MATTHIE	T			4.6
2,231	19554	139.6	WICKENBURG				10.7
7,100	19558	150.3	CASTLE HOT SPRINGS				7.3
3,602	19562	157.6	WITTMANN				11.6
	19566	169.2	BEARDSLEY		DT TWC		4.4
3,022	19578	173.6	ENNIS				6.3
	19654	179.9	PEORIA		TWC		3.8
	19690	183.7	GLENDALE	R			4.6
	19694	188.3	ALHAMBRA	TR			2.7
	19700	191.6	MOBEST	BCTR			2.1
	19700	193.7	PHOENIX	TR			209.0

	Tone Call-In					
RADIO COMMUNICATION	CH	DS	SC	MC	CSS	EM-ER
West Williams Jct. to Ash Fork	55	1	3	4	7	9
Ash Fork to MP 176.0	36	1	3	4	7	9
MP 176.0 to MP 189.6	84	1	3	4	7	9
MP 189.6 to MP 193.7	55	1	3	4	7	9

1. Speed Regulations

1(A). Speed—Maximum

Phoenix Subdivision	Freight
Speed limit freight trains, with dynamic brakes not in use on descending grades:	49 MPH. %
Westward MP 375.0 to MP 400.5	25 MPH.
Westward MP 12.0 to MP 31.5	30 MPH.
Westward MP 54.9 to MP 145.0	30 MPH.
Eastward MP 95.4 to MP 89.0	30 MPH.

1(B). Speed—Permanent Restrictions

MP 375.1 to MP 381.1	40 MPH.
MP 381.1 to MP 391.0X	35 MPH.
MP 391.0X to MP 392.0X	30 MPH.
MP 392.0X to MP 402	35 MPH.
MP 0.2 to MP 0.8	20 MPH.
MP 0.8 to MP 13.9	40 MPH.
MP 13.9 to MP 21.1	30 MPH.
MP 21.1 to MP 21.4	20 MPH.

MP 21.4 to MP 23.2	30 MPH.
MP 23.2 to MP 24.4	40 MPH.
MP 64.6 to MP 80.5	40 MPH.
MP 80.5 to MP 81.7 (NT) (ST)	30 MPH.
MP 83.4 to MP 123.2	30 MPH.
MP 134.5 to MP 135.6	20 MPH.
MP 135.6 to MP 140.0	35 MPH.
MP 140.0 to MP 150.3	30 MPH.
MP 168.8 to MP 170.1 (NT) (ST)	30 MPH.
MP 171.8 to MP 175.1	40 MPH.
MP 175.8 to MP 181.2 (HE only)	25 MPH.
MP 182.5 to MP 190.8	20 MPH.
MP 188.2 (HE only)	20 MPH.
MP 190.8 to MP 191.1	20 MPH.
MP 191.0 (HE only)	10 MPH.
MP 191.0 to MP 192.9 (HE only)	20 MPH.
MP 192.9 to MP 193.7	10 MPH.

1(C). Speed—Switches and Turnouts

Trains and engines using auxiliary tracks must not exceed turnout speed for that track unless otherwise indicated.

At Beardsley and at Skull Valley, normal position of switches is lined for right-hand movement.

MP 168.8 Beardsley, spring switch, turnout to north track	30 MPH.
MP 170.1 Beardsley, spring switch, turnout to south track	30 MPH.
MP 80.5 Skull Valley, spring switch, turnout to north track	30 MPH.
MP 81.7 Skull Valley, spring switch, turnout to south track	30 MPH.

1(D). Speed—Other—None

See Item 1 of the System Special Instructions for additional speed restrictions.

2. Bridge and Equipment Weight Restrictions—None

3. Type of Operation

Restricted Limits—in effect:

MP 399.6 to MP 1.0	Ash Fork
MP 181.2 to MP 193.7	Glendale-Phoenix

TWC—in effect:

MP 375.2 to MP 399.6	West Williams Jct. to Ash Fork
MP 1.0 to MP 181.2	Ash Fork to Glendale

4. General Code of Operating Rules Items

Rule 1.14—At Matthie, trains may use wye belonging to the A&C RR, from MP 0.0 to MP 1.4 and will be authorized by Rule 6.13 Yard Limits, within these limits.

At Phoenix, BNSF and UP trains may jointly use tracks at east and west end of Union Depot.

Rule 6.24 Double Track

MP 168.8 to MP 170.1	At Beardsley
MP 80.5 to MP 81.7	At Skull Valley

When meeting or passing trains at Beardsley or Skull Valley, trains must approach end of double track at restricted speed until it is determined that the train to be met or passed is not fouling the clearance point of double track on either end.

At Phoenix, before crossing UP tracks on tail of wye, be governed by instructions in box on north side of UP tracks.

At Phoenix, be governed by Rule 9.17 at Signal 9058 which governs movement to the UP passenger main. After entering the UP passenger main, be governed by Rule 6.13, Yard Limits, with a maximum speed of 20 MPH. Yard Limits are established between MP 889.0 and MP 909.1.

Trains operating between West Williams Jct and Phoenix are not to exceed 6000 tons or 6000 feet in length. (Train length includes the locomotive consist.)

Trains between 6000 feet and 6100 feet may only be authorized by Phoenix Subdivision train dispatcher by track bulletin.

Except trains made up entirely of empty flat cars, trains exceeding 2500 tons must have all empty flat cars in rear of train. Tonnage behind any empty flat car cannot exceed 2500 tons.

Those cars loaded with empty trailers, empty containers, or empty chassis, are considered loads.

Rule 6.26—is supplemented by adding:

Where two or more main tracks are in service, they will be designated as follows:

On double track, the track to the right, as viewed from a westward or southward train, is the North track. The track to the left is the South Track.

Rule 14.9A Transmitting Track Warrant—Add the following: After the train dispatcher transmits the track warrant and before the track warrant is repeated, the train dispatcher will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the train dispatcher will state, "This track warrant includes a requirement to meet another train."

After the receiving employee repeats the track warrant, the employee will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the employee will state, "This track warrant includes a requirement to meet another train."

Before the OK time is given, the train dispatcher will confirm the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.")

Rule S-13.5—On the Phoenix Subdivision, between Phoenix and Beardsley, at road crossings, it will be permissible for employees to board or dismount from moving equipment on paved surfaces, i.e., asphalt & concrete, not to exceed 4 MPH.

5. Trackside Warning Detectors (TWD)

A. Protecting bridges, tunnels or other structures: None

B. Other FED locations

MP 23.5—Recall Code 8

MP 46.9—Recall Code 8

MP 88.8—Recall Code 8

MP 113.9—Recall Code 8

MP 137.9—Recall Code 8

MP 173.0—Recall Code 8

MP 381.6—Recall Code 8

C. Other Detectors

MP 88.9—High Water—Signs MP 88.0 and MP 89.7

MP 144.3—High Water

Rotating lights MP 144.9 and MP 143.4

MP 146.6—High Water

Rotating lights MP 145.7 and 147.3

6. FRA Excepted Track—None

7. Special Conditions

Six-Axle Locomotive Restrictions—Six-axle locomotives are restricted from operating on the following auxiliary tracks:

Peoria Peoria Team Track, CLIC 2201

Hillside Sulphur Spur, CLIC 3203

Phoenix CLIC 0201 Wye

Alhambra CLIC 0931 Wye and Tail of Wye

Alhambra CLIC 1201 John Deere Lead

Overhead and Side Obstructions

Glendale—Pearce Distributors Track 1238, close clearance between dock and track.

Alhambra—CLIC 1004, when spotting Oak Canyon.

Mobest—Fence and building on Quick Seed and Feed spur off Crystal Ice Lead.

Phoenix—Overhead conveyor and concrete bin cap on west track at United Metro.

Phoenix—Side Clearance, CLIC 141, Warehouse Dock.

Phoenix—CLIC 0506 and 0507, Phoenix

When switching CLIC 0506 and 0507, both tracks hold three-car spots. Do not go between the tracks due to steam pipes located there, close clearance.

Temperature Restrictions

Temperature 100 degrees or above—When air temperature meets the 'threshold temperature', all trains must reduce speed to 40 MPH on main tracks through these limits unless a more restrictive speed is in effect.

If in doubt as to the temperature, contact the train dispatcher. Notify the train dispatcher when your train is restricted to 40 MPH.

Limits	Threshold Temperature	Speed
MP 24.4 to MP 83.5	100 Degrees	40 MPH
MP 123.2 to MP 134.5	110 Degrees	40 MPH
MP 154.7 to MP 163.0	110 Degrees	40 MPH

8. Line Segments

Yard Line Segments

Line Segment Yard

7252 Mobest Yard

Road Line Segments

Line Segment Limits

7206 Williams Jct. To Daze

7207 Daze to Ash Fork

7208 Ash Fork to Phoenix

9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens
Daze	393.3	601	East
Meath	9.2	350	East
Drake (N. Side)	20.6	350	East
Abra	27.9	350	West
Matthie	135.2	1,100	Both
Lizard Acres	171.6	948	Both
Surprise	172.5	937	Both

Length of Siding (Feet)	Station Nos.	Mile Post	Seligman Subdivn. MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
		284.5	EAST WINSLOW		2MT CTC ATS		0.8
		285.3	EAST PASS				0.9
	20500	286.2	WINSLOW	BCPT	3MT CTC ATS		0.4
		286.6	WEST PASS				1.7
		288.3	WEST WINSLOW				22.2
N6,436	20440	310.5	EAST CANYON DIABLO		2MT CTC ATS		1.6
		312.1	WEST CANYON DIABLO				14.6
	20420	326.7	EAST DARLING				2.8
		329.5	WEST DARLING				9.3
		338.8	MC PHETRIDGE				3.3
		342.1	EAST FLAGSTAFF		2MT CTC		2.7
	20400	344.8	WEST FLAGSTAFF				9.7
		354.5	EAST BELLEMONT				1.8
S4,984	20390	356.3	BELLEMONT				6.2
	20382	362.5	MAINE				11.8
	20125	374.3	EAST WILLIAMS JCT.				0.7
		375.0	WEST WILLIAMS JCT.				8.1
		383.1	EAST PERRIN				2.5
	20120	385.6	WEST PERRIN		2MT CTC ATS		6.4
		392.0	EAST DOUBLEA				3.1
	20115	395.1	WEST DOUBLEA				10.4
		405.5	EAST EAGLE NEST				2.0
	20109	407.5	WEST EAGLE NEST				10.8
	20105	418.3	EAST CROOKTON				2.8
		420.5	WEST CROOKTON		2MT CTC		7.4
	20100	427.9	EAST SELIGMAN	T			1.9
		429.9	WEST SELIGMAN				5.2
N5,355	19955	446.9	PICA	X	DT TWC ATS ABS		7.9
N6,784 S5,329	19950	452.2	YAMPAI	X			5.6
N4,647 S5,783	19945	460.2	NELSON	X			11.5
N5,714 S7,743	19935	465.8	PEACH SPRINGS	X			7.0
N5,423 S5,557	19930	477.3	TRUXTON	X			17.2
S8376	19925	484.0	VALENTINE	X			8.1
N5,550 S5,939	19915	501.3	WALAPAI	X	DT TWC ABS ATS		4.5
N7,130 S7,132	19910	509.4	BERRY	TX			N2.5 S2.8
	19905	513.9	GETZ	X			N4.8 S5.1
	19900	516.4	KINGMAN	BCP			5.6
N3,350	19850	521.2	McCONNICO (NT)				5.6
S7,117	19840	521.5	HARRIS (ST)				0.1
N5,198	19835	526.8	GRIFFITH	X			1.9
S9,169		526.9	CP 5269		(NT) TWC-ABS ATS (ST) CTC ATS		6.8
		528.8	CP 5288				4.6
S7,100	19830	535.6	ATHOS	X	DT TWC ABS ATS		11.5
N7,115 S5,160	19825	540.2	YUCCA	X			1.0
		551.7	CP 5517				0.8
S9,473	19815	552.7	FRANCONIA		2MT CTC ATS		11.6
		553.5	CP 5535				9.6
N5,357 S5,491	19805	565.1	TOPOCK	X	DT TWC ABS ATS		

Length of Siding (Feet)	Station Nos.	Mile Post	Seligman Subdivn. MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
		574.7	EAST NEEDLES		DT TWC ABS ATS		3.3
	19800	578.0	NEEDLES NT (291.4) ST (292.1)	BCPT	2MT CTC ATS		292.1

Tone Call-In						
RADIO COMMUNICATION	CH	DS	SC	MC	CSS	EM-ER
East Winslow to West Seligman	55	1	3	4	5&7	9
West Seligman to East Needles	36	1	3	4	5&7	9
East Needles to Needles	55	1	3	4	5&7	9

1. Speed Regulations

1(A). Speed—Maximum

	Passenger	Freight
Westward Movements Both Tracks		
East Winslow to Maine	79 MPH.	55 MPH.*%
Eastward Movements Both Tracks		
Maine to East Darling	79 MPH.	55 MPH.*%
East Darling to East Winslow	90 MPH.	55 MPH.*%
Both Tracks Both Directions		
Maine to East Crookton	90 MPH.	55 MPH.*%
East Crookton to West Seligman	79 MPH.	55 MPH.*%
North Track		
West Seligman to Peach Springs	79 MPH.	55 MPH.*%
Peach Springs to Needles	90 MPH.	55 MPH.*%
South Track		
Needles to Getz	79 MPH.	55 MPH.*%
Getz to Valentine	90 MPH.	55 MPH.*%
Valentine to West Seligman	79 MPH.	55 MPH.*%
Against the Current of Traffic		
West Seligman to MP 526.9	59 MPH.	49 MPH.%
MP 528.8 to MP 551.7	59 MPH.	49 MPH.%
MP 553.5 to East Needles	59 MPH.	49 MPH.%

*See System Special Instruction 1(B)

Westward freight trains averaging more than 80 TOB must not exceed: 55 MPH between Winslow and Needles

Eastward freight trains averaging more than 80 TOB must not exceed: 55 MPH. MP 322.7 to MP 316.0

Westward freight trains averaging more than 80 TOB or having more than 5500 tons must not exceed:

25 MPH, MP 514.4 to MP 518.8—North Track
45 MPH, MP 518.8 to MP 562.8—Both Tracks

Westward freight trains must stop not less than ten minutes between MP 536 and MP 544 to cool wheels when train weight exceeds 400 tons per axle of operative dynamic brake.

Speed limit, freight trains, with dynamic brakes not in use on descending grades:

Westward	
MP 350.7 to MP 428.8	30 MPH.
MP 451.9 to MP 489.0	30 MPH.
MP 514.4 to MP 522.0	25 MPH.
MP 522.0 to MP 565.0	30 MPH.

Eastward	
MP 451.9 to MP 446.0	30 MPH.
MP 410.0 to MP 407.0	30 MPH.
MP 350.7 to MP 291.0	30 MPH.

At Seligman, on Yard Track No. 1, trains must not exceed 30 MPH while head end of train is passing over hand operated switches at east and west end of track.

1(B). Speed—Permanent Restrictions

Both Tracks	Passenger	Freight
MP 285.5 to MP 286.4 Middle Track	65 MPH.	55 MPH.
MP 286.5 (HE only)	20 MPH.	20 MPH.
MP 286.4 to 287.4 Westward and Eastward Inert ATS Inductors	45 MPH.	40 MPH.

MP 302.0 to MP 303.3	80 MPH.	
MP 327.0 to MP 328.6	75 MPH.	65 MPH.
MP 328.6 to 330.8 Westward and Eastward Inert ATS Inductors	55 MPH.	50 MPH.
MP 330.8 to MP 331.8 Westward and Eastward Inert ATS Inductors	40 MPH.	35 MPH.
MP 331.8 to 335.7 Westward and Eastward Inert ATS Inductors	45 MPH.	40 MPH.
MP 335.7 to MP 336.2 Westward and Eastward Inert ATS Inductors	40 MPH.	35 MPH.
MP 336.2 to MP 338.0	60 MPH.	55 MPH.
MP 338.0 to MP 341.6		55 MPH.
MP 341.6 to MP 343.5	55 MPH.	50 MPH.
MP 343.5 to MP 345.2 Westward and Eastward Inert ATS Inductors	45 MPH.	40 MPH.
MP 345.2 to MP 348.2	40 MPH.	35 MPH.
MP 348.2 to MP 350.2	45 MPH.	40 MPH.
MP 350.2 to MP 352.6 Westward and Eastward Inert ATS Inductors	50 MPH.	45 MPH.
MP 352.6 to MP 353.9	70 MPH.	65 MPH.
MP 362.5 to MP 364.1	80 MPH.	
MP 364.1 to MP 364.3 Westward and Eastward Inert ATS Inductors	45 MPH.	45 MPH.
MP 364.3 to MP 366.8	55 MPH.	45 MPH.
MP 366.8 to MP 367.9 Westward and Eastward Inert ATS Inductors	50 MPH.	45 MPH.
MP 367.9 to MP 369.0 Westward and Eastward Inert ATS Inductors	55 MPH.	50 MPH.
MP 369.0 to MP 371.0 CV, Grade Eastward trains	55 MPH.	35 MPH.
MP 369.0 to MP 369.6 Westward trains	55 MPH.	50 MPH.
MP 369.6 to MP 371.0 Westward trains	60 MPH.	50 MPH.
MP 371.0 to MP 371.8 Westward and Eastward Inert ATS Inductors	60 MPH.	50 MPH.
MP 421.6 to MP 422.8 Westward and Eastward Inert ATS Inductors	50 MPH.	45 MPH.
MP 422.8 to MP 425.4 Westward and Eastward Inert ATS Inductors	55 MPH.	50 MPH.
MP 578.1 (HE only)	30 MPH.	30 MPH.
North Track		
	Passenger	Freight
MP 447.4 to MP 448.2	75 MPH.	
MP 448.2 to MP 451.6	55 MPH.	50 MPH.
MP 451.6 to MP 453.2 CV, Grade Westward ATS Inductor	50 MPH.	45 MPH.
MP 453.2 to MP 455.5 CV, Grade	65 MPH.	45 MPH.
MP 455.5 to MP 457.7 CV, Grade	50 MPH.	45 MPH.
MP 457.7 to MP 460.1 CV, Grade	55 MPH.	45 MPH.
MP 460.1 to MP 463.7 CV, Grade	60 MPH.	45 MPH.
MP 463.7 to MP 464.9	50 MPH.	45 MPH.
MP 464.9 to MP 469.0 CV, Grade	70 MPH.	45 MPH.
MP 469.0 to MP 470.5 CV, Grade, Westward Inert ATS Inductors	50 MPH.	45 MPH.
MP 470.5 to MP 472.7 CV, Grade	75 MPH.	
MP 472.7 to MP 477.0 CV, Grade	85 MPH.	
MP 477.0 to MP 479.0 CV, Grade	70 MPH.	60 MPH.
MP 479.0 to MP 480.6 CV, Grade, Westward Inert ATS Inductors	30 MPH.	25 MPH.
MP 480.6 to MP 481.6 CV, Grade	45 MPH.	40 MPH.
MP 481.6 to MP 482.5 CV, Grade	65 MPH.	55 MPH.
MP 482.5 to MP 490.2 CV, Grade	80 MPH.	
MP 514.4 to MP 515.2 CV, Grade, Westward Inert ATS Inductors	60 MPH.	55 MPH.
MP 515.2 to MP 516.5 CV, Grade	45 MPH.	40 MPH.
MP 516.5 to MP 518.8 CV, Grade	40 MPH.	35 MPH.
MP 518.8 to MP 520.1, CV, Grade	70 MPH.	60 MPH.
MP 520.1 to MP 524.3, CV, Grade	80 MPH.	
MP 524.3 to MP 525.7 CV, Grade	85 MPH.	
MP 562.3 to MP 562.8	65 MPH.	60 MPH.
MP 562.8 to MP 564.5 Westward Inert ATS Inductors	55 MPH.	50 MPH.
MP 564.5 to MP 565.5	50 MPH.	45 MPH.
MP 565.5 to MP 565.9	45 MPH.	40 MPH.
MP 565.9 to MP 575.6		55 MPH.
MP 575.6 to MP 576.8 track	80 MPH.	55 MPH.
MP 576.8 to MP 577.5	55 MPH.	50 MPH.
MP 577.5 to MP 578.0	40 MPH.	30 MPH.
MP 578.0 to MP 579.4	50 MPH.	40 MPH.

South Track		Passenger	Freight
MP 578.0 to MP 577.5		50 MPH.	30 MPH.
MP 577.5 to MP 576.8		55 MPH.	50 MPH.
MP 576.8 to MP 575.6		75 MPH.	55 MPH.
MP 575.6 to MP 565.9			55 MPH.
MP 565.9 to MP 565.5 Eastward Inert ATS Inductors		45 MPH.	40 MPH.
MP 565.5 to MP 564.5		50 MPH.	45 MPH.
MP 564.5 to MP 562.3		55 MPH.	50 MPH.
MP 562.3 to MP 551.2		70 MPH.	60 MPH.
MP 526.9X to MP 525.9X Eastward Inert ATS Inductors		79 MPH.	65 MPH.
MP 525.9X to MP 524.3X Eastward Inert ATS Inductors		55 MPH.	50 MPH.
MP 524.3X to MP 524.0X		50 MPH.	45 MPH.
MP 524.0X to MP 520.3X		60 MPH.	55 MPH.
MP 520.3 X to MP 519.9X Eastward Inert ATS Inductors		30 MPH.	30 MPH.
MP 519.9X to MP 517.8X		35 MPH.	30 MPH.
MP 517.8X to MP 515.3X		40 MPH.	35 MPH.
MP 515.3X to MP 514.1		75 MPH.	60 MPH.
MP 490.2 to MP 488.9		80 MPH.	
MP 488.9 to MP 486.8		70 MPH.	65 MPH.
MP 486.8 to MP 482.5		70 MPH.	60 MPH.
MP 482.5 to MP 481.6 Eastward Inert ATS Inductors		50 MPH.	45 MPH.
MP 481.6 to MP 480.6 Eastward Inert ATS Inductors		45 MPH.	40 MPH.
MP 480.6 to MP 479.3 Eastward Inert ATS Inductors		30 MPH.	25 MPH.
MP 479.3 to MP 479.0		45 MPH.	40 MPH.
MP 479.0 to MP 477.0		65 MPH.	60 MPH.
MP 472.6 to MP 470.5		70 MPH.	60 MPH.
MP 470.5 to MP 469.0 Eastward Inert ATS Inductors		50 MPH.	45 MPH.
MP 469.0 to MP 467.9		60 MPH.	45 MPH.
MP 467.9 to MP 464.9		65 MPH.	45 MPH.
MP 464.9 to MP 463.8		50 MPH.	45 MPH.
MP 463.8 to MP 460.1X		55 MPH.	45 MPH.
MP 460.1X to MP 457.7		55 MPH.	50 MPH.
MP 457.7 to MP 455.4		50 MPH.	45 MPH.
MP 455.4 to MP 453.2		65 MPH.	55 MPH.
MP 453.2 to MP 451.6		50 MPH.	45 MPH.
MP 451.6 to MP 448.2		60 MPH.	55 MPH.

1(C). Speed—Switches and Turnouts

Trains and engines using auxiliary tracks must not exceed turnout speed for that track unless otherwise indicated.

MP 286.7 Winslow, Yard Track No 1	20 MPH.
MP 287.9 West Winslow, switch north track	50 MPH.
MP 288.1 West Winslow, crossover	50 MPH.
MP 288.3 West Winslow, west freight lead	20 MPH.
MP 288.3 West Winslow, crossover	50 MPH.
MP 310.5 East Canyon Diablo, crossover	50 MPH.
East Canyon Diablo, EE siding	20 MPH.
MP 312.1 West Canyon Diablo, crossover	50 MPH.
West Canyon Diablo, WE siding	20 MPH.
MP 326.7 East Darling, crossover	50 MPH.
MP 329.5 West Darling, crossover	50 MPH.
MP 342.1 East Flagstaff, 2 crossovers	50 MPH.
MP 354.5 East Bellemont, 2 crossovers	50 MPH.
MP 362.1 Maine, 2 crossovers	50 MPH.
MP 374.3 East Williams Jct., crossover	50 MPH.
West Williams Jct., EE and WE Yard Track No. 1	30 MPH.
MP 375.0 West Williams Jct., crossover	50 MPH.
West Williams Jct., Switch from Seligman Subdivision to Phoenix Subdivision	40 MPH.
MP 383.1 East Perrin, crossover	50 MPH.
MP 385.6 West Perrin, crossover	50 MPH.
MP 392.0 East Doublea, crossover	50 MPH.
MP 395.1 West Doublea, crossover	50 MPH.
MP 405.5 East Eagle Nest, crossover	50 MPH.
MP 407.5 West Eagle nest, crossover	50 MPH.
MP 418.3 East Crookton, crossover	50 MPH.
MP 420.5 West Crookton, crossover	50 MPH.
MP 427.7 East Seligman, crossover	50 MPH.
East Seligman, EE yard track No. 1	30 MPH.
MP 429.6 West Seligman, crossover	50 MPH.
MP 429.9 West Seligman, crossover	50 MPH.

West Seligman WE Yard Track No. 1	30 MPH.
Yampai, WE north siding	30 MPH.
Valentine, EE south siding	30 MPH.
Walapai, EE south siding	20 MPH.
Berry, EE south siding	30 MPH.
Berry, WE north siding	30 MPH.
Harris, EE south siding	30 MPH.
Griffith, WE north siding	20 MPH.
MP 526.9 CP 5269 EE south siding	40 MPH.
MP 528.8 CP 5288 WE south siding	40 MPH.
Athos, EE south siding	30 MPH.
Yucca, EE south siding	30 MPH.
Yucca, WE north siding	30 MPH.
CP 5517 EE south siding	40 MPH.
MP 551.7 CP 5517 crossover	40 MPH.
MP 553.5, CP 5535, crossover	50 MPH.
MP 553.5 CP 5535 WE south siding	40 MPH.
Topock EE south siding	30 MPH.
Topock WE north siding	30 MPH.
MP 574.7 East Needles 2 crossover	50 MPH.
MP 574.8 East Needles freight lead to north track	20 MPH.
MP 578.4 Needles, crossover, freight lead to NT	20 MPH.
MP 578.4 Needles, crossover	30 MPH.
West Needles, WE freight lead	30 MPH.

Location of Double Track Crossovers

Station	MP	Points	Turnout Speed
Audley	439.8	Trailing	10
	439.9	Facing*	10
Pica	447.0	Trailing	10
Yampai	452.2	Trailing	10
	453.7	Facing	10
Nelson	460.3	Trailing	10
Peach Springs	465.6	Facing*	10
	465.8	Trailing	10
Truxton	477.7	Trailing	10
	477.8	Facing*	10
Valentine	484.0	Trailing	10
Hackberry	489.7	Facing*	10
	489.8	Trailing	10
Walapai	501.3	Trailing	10
Berry	509.4	Trailing	10
Getz	513.8	Facing*	10
	514.1	Trailing	10
Griffith	526.8	Trailing	10
Athos	535.6	Trailing	10
Yucca	540.0	Facing*	10
	540.1	Trailing	10
Topock	565.1	Trailing	10
	565.4	Facing*	10

*Indicates temporary crossover

1(D). Speed—Other—None

See Item 1 of the System Special Instructions for additional speed restrictions.

2. Bridge and Equipment Weight Restrictions—None**3. Type of Operation****CTC**—in effect: on Main Tracks

MP 284.5 to MP 429.9 East Winslow to West Seligman

MP 526.9 to MP 528.8 CP 5269 to CP 5288 (South Main Track Only)

MP 551.7 to MP 553.5 CP 5517 to CP 553.5

MP 574.7 to MP 578.0 East Needles to Needles

CTC—in effect: on siding

MP 310.5 to MP 312.1 Canyon Diablo

CTC—in effect: on Yard Track

MP 427.9 to MP 429.6 Seligman, Yard Track No. 1

CTC—in effect: on Freight Lead

MP 574.8 to MP 580.2 East Needles to West Needles

TWC—in effect: on Main Tracks

MP 429.9 to MP 526.9 West Seligman to CP 526.9

MP 526.9 to MP 528.8 CP 5269 to CP 5288—North Track only

MP 528.8 to MP 551.7 CP 5288 to CP 5517

MP 553.5 to MP 574.7 CP 553.5 to East Needles

ABS—in effect:

MP 429.9 to MP 526.9 West Seligman to CP 5269

MP 526.9 to MP 528.8 CP 5269 to CP 5288—North Track only

MP 528.8 to MP 551.7 CP 5288 to CP 5517

MP 553.5 to MP 574.7 CP 5535 to East Needles

Rule 6.26 Multiple Main Tracks (Except Double Track)

MP 284.5 to MP 429.9 East Winslow to West Seligman

MP 526.9 to MP 528.8 CP 5269 to CP 5288

MP 551.7 to MP 553.5 CP 5517 to CP 5535

MP 574.7 to MP 578.0 East Needles to Needles

Rule 6.24 Double Track

MP 429.9 to MP 526.9 West Seligman to CP 5269

MP 526.9 to MP 528.8 CP 5269 to CP 5288 (North Track Only)

MP 528.8 to MP 551.7 CP 5288 to CP 5517

MP 553.5 to MP 574.7 CP 5535 to East Needles

Rule 6.25 Movement Against the Current of Traffic

Spring Switches are located as follows:

Pica	WE North Siding
Yampai	EE South Siding and WE North Siding
Nelson	EE South Siding and WE North Siding
Peach Springs	EE South Siding and WE North Siding
Truxton	EE South Siding and WE North Siding
Valentine	EE South Siding
Walapai	EE South Siding and WE North Siding
Berry	EE South Siding and WE North Siding
McConnico	WE North Siding
Harris	EE South Siding
Griffith	WE North Siding
Athos	EE South Siding
Yucca	EE South Siding and WE North Siding
Topock	EE South Siding and WE North Siding

Signals Not Conforming to Aspects and Indications Shown in the System Special Instructions

Aspect	Name	Indication
Red over Flashing Yellow	Diverging Approach (Rule 9.1.11 does not apply).	Proceed through diverging route; prescribed speed through turnout; approach next signal preparing to stop, if exceeding 40 MPH immediately reduce to that speed.

4. General Code of Operating Rules Items**Rule 5.4.8**—Flags may be displayed, when necessary to protect men and machines or affected track, to the left of track as viewed from an approaching train or engine.**Rule 5.5**—Permanent speed signs are not displayed for movements against the current of traffic.**Rule 6.3**—Movement with the current of traffic may be authorized verbally by the train dispatcher for crossover or other short-distance movements.**Rule 6.26**—is supplemented by adding: Where two or more main tracks are in service, they will be designated as follows:

- If two tracks, the track to the right as viewed from a westward or southward train is the **North** track, the track to the left is the **South** track.

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

Rule 12.1—ATS in effect on North track between Maine and East Crookton, Peach Springs and Needles. South track between Getz and Valentine, East Crookton and Maine. Both tracks between East Darling and East Winslow Eastward movements only.

Rule 14.10—When running with the current of traffic, it will not be necessary to report limits clear unless so instructed by train dispatcher.

5. Trackside Warning Detectors (TWD)

- A. Protecting bridges, tunnels or other structures
 - MP 305.9 (DED only)—Both Tracks, WWD only
Rotating lights on posts opposite signals 3071-3073
 - MP 315.5—EWD only
 - MP 322.8 (DED only)—Both tracks, EWD only
Rotating lights on posts at signals 3202-3204
 - MP 473.9—WWD only—Recall Code 8
 - MP 480.7 (DED only)—EWD only
 - MP 561.5—WWD only—Recall Code 8
 - MP 571.2—EWD only
- B. Other FED locations
 - MP 294.2—Recall Code 8
 - MP 305.9 (DED only)—EWD only
 - MP 315.5—WWD only—Recall Code 8
 - MP 322.8 (DED only)—WWD only
 - MP 335.8—Recall Code 8
 - MP 358.3—Recall Code 0
 - MP 377.6—Recall Code 8
 - MP 401.2—Recall Code 8
 - MP 426.9—Recall Code 8
 - MP 452.1—Recall Code 8
 - MP 473.9—Recall Code 8
 - MP 480.7 (DED only) Both Tracks
 - MP 493.3—Recall Code 0
 - MP 512.5—Recall Code 8
 - MP 536.0—Recall Code 8
 - MP 561.5—Recall Code 8
 - MP 571.2—WWD only
- C. Other Detectors
 - MP 290—High Water
WWD controlled signal MP 287.5
Signals 2912, 2914
 - MP 379.4-379.8—Rock Slide
Warning lights MP 379.4, MP 379.9 and MP 380.9.
Signals 3781-3783, 3792-3794 and 3812-3814.
 - MP 395.5—Rock Slide
Warning lights MP 393.6, 394.0, 394.5, 394.6, 396.0, 396.4, 397.0.
Controlled signals MP 395.1 and signals 3972 and 3974.
 - MP 402.0—Rock Slide
Warning lights MP 401.1 and 402.7.
Signals 4001-4003 and 4032-4034.
 - MP 409-411—Rock Slide
Warning lights and signals 4091-4093 & 4112-4114.
Red rotating lights MP 409, 410 and 411.
 - MP 439.0—High Water—Signals 4381 and 4402
 - MP 467.7—High Water—Signals 4671 and 4702
 - MP 505.9—High Water—Signals 5051 and 5082

MP 552.2 and 554.8—High Water
WWD controlled signals, CP 5517, CP 5535
EWD controlled signal CP 5535 and signal 5562
MP 562.8—High Water—Signals 5611 and 5632
MP 575.8—High Water
WWD controlled signal MP 574.7
EWD signals 5772 and 5774
EWD controlled signal of freight lead MP 576.9

6. FRA Excepted Track—None

7. Special Conditions

Six-Axle Locomotive Restrictions—Six-axle locomotives are restricted from operating on the following auxiliary tracks:

Winslow, Duke City CLIC 2945
Darling Upstairs
Flagstaff ARCO Spur/CLIC 9249, Ralston
Purina Plant Tracks, Railhead Spur,
H&R Spur, CLIC 9222
Seligman 4286, 4287, (4288—except east 400
feet), 4290
Nelson 4602, 4603, 4605, 4606, 4607
Berry 5081, 5082, 5089, 5102
McConnico 5212
Needles 5782, 5784, 5785

East Needles—Key controllers, entering double track against current of traffic: After obtaining track warrant to move against the current of traffic, train dispatcher will issue permission and key controller must be operated at controlled signal governing movement against the current of traffic, to obtain signal indication.

Key Controller is located on side of instrument case. Key controller may be operated only after receiving permission from train dispatcher.

Overhead and Side Obstructions

Flagstaff—CLIC 9225.

Temperature Restrictions

Temperature 100 degrees or above—When air temperature meets the 'threshold temperature,' all trains must reduce speed to 40 MPH on main tracks through these limits unless a more restrictive speed is in effect.

If in doubt as to the temperature, contact the train dispatcher. Notify the train dispatcher when your train is restricted to 40 MPH.

Limits	Threshold Temperature	Speed
MP 287.4 to MP 305.7	100 Degrees	40 MPH
MP 314.8 to MP 487.1	100 Degrees	40 MPH
MP 496.5 to MP 500.0	100 Degrees	40 MPH
MP 514.6 to MP 516.4 (NT)	100 Degrees	40 MPH
MP 514.1X to MP 526.8X (ST)	110 Degrees	40 MPH
MP 516.4 to MP 525.7 (NT)	110 Degrees	40 MPH
MP 527.2 to MP 565.6	110 Degrees	40 MPH

8. Line Segments

Yard Line Segments

Line Segment Yard
7251 Winslow Yard

Road Line Segments

Line Segment Limits
7200 East Winslow to East Needles

9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens
Dennison (ST)	298.3	505	West
Dennison (NT)	298.3	520	West
Sunshine (ST)	305.9	3,617	Both
Angell (NT)	322.7	Wye	Both
Angell (ST)	322.7	330	Both
Darling	328.6	Yard	Both
Cosnino(NT)	333.1	430	East
Cosnino (ST)	333.3	1,044	West
McPhetridge (NT)	339.9	4,735	Both
Ralston Purina (ST)	340.2	Yard	Both
Bellemont (ST)	355.9	490	Both
MP 356.3 (NT)	356.3	412	Both
Maine (NT)	362.5	2,272	Both
Chalender (ST)	368.1	293	East
Chalender (NT)	368.1	360	West
West Perrin (NT)	385.4	560	Both
West Doublea (ST)	395.0	650	Both
West Eagle Nest (NT)	407.2	562	Both
Crookton (NT)	419.0	1,877	Both
Audley (ST)	438.8	1,000	East
Shipley (NT)	461.4	Yard	West
Hackberry (NT)	489.0	4,934	West
Hackberry (ST)	489.8	1,788	Both
Franconia	552.8	5,000	West
Powell (ST)	558.8	663	East
Powell (NT)	558.8	620	East

Length of Siding (Feet)	Station Nos.	Mile Post	Springerville Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Track Diagram	Miles to Next Stn.
		0.0	TEPCO JCT.	A	TWC	29.7
	20560	29.7	SPRINGERVILLE	R			29.7

Tone Call-In						
RADIO COMMUNICATION	CH	DS	SC	MC	CQS	EM-ER
Tepco Jct. to Springerville	72	1	3	4	5&7	9

1. Speed Regulations

1(A). Speed—Maximum

	Freight
Tepco Jct. to MP 26.1	49 MPH.%
MP 26.1 to MP 29.7	15 MPH.

1(B). Speed—Permanent Restrictions—None

1(C). Speed—Switches and Turnouts

Trains and engines using auxiliary tracks must not exceed turnout speed for that track unless otherwise indicated.	
Tepco Jct., MP 0.0, dual control switch turnout to Coronado Subdiv.	40 MPH.
Springerville, spring switch Tepco Loop track	10 MPH.

1(D). Speed—Other

Locomotive cranes/pile drivers, AT-199454 through AT-199468 and Jordan spreaders		30 MPH.
Speed limit on Tepco Loop Track		15 MPH.

See Item 1 of the System Special Instructions for additional speed restrictions.

2. Bridge and Equipment Weight Restrictions—None

3. Type of Operation

TWC—in effect:

Tepco Jct. to Springerville

Restricted Limits—in effect:

Springerville—MP 26.1 to MP 29.7

4. General Code of Operating Rules Items

Rule 14.9A Transmitting Track Warrant—Add the following: After the train dispatcher transmits the track warrant and before the track warrant is repeated, the train dispatcher will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the train dispatcher will state, "This track warrant includes a requirement to meet another train."

After the receiving employee repeats the track warrant, the employee will state the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.") If the track warrant includes a meet, the employee will state, "This track warrant includes a requirement to meet another train."

Before the OK time is given, the train dispatcher will confirm the total number of boxes and the box numbers marked with X. (Example: "There are four boxes marked with X. They are Box numbers 2, 7, 8, 15.")

5. Trackside Warning Detectors (TWD)—None

6. FRA Excepted Track—None

7. Special Conditions

Tepco Jct.—Be governed by superintendents notice for operation of dual control switch and circuit controller box.

Springerville Subdivision—Loop track designated CLIC 2161 in service at MP 26.1 with east switch connection. Loop track is 3.9 miles in length and equipped with spring switch and switch point indicator.

Speed limit on loop track 15 MPH, except speed limit through rotary dumper 4 MPH. Unit coal trains will operate clockwise around loop track for unloading. Window awnings and mirrors must be positioned against car body on all engines before entering dumper.

Overhead and Side Obstructions

- Dumper at MP 26.8
- Cabooses will not be operated through dumper account insufficient clearance at Springerville.

8. Line Segments

Road Line Segments

Line Segment Limits

Mile Posts

7205 Tepco Jct. to Springerville MP 0.0 to MP 29.7

9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens
Carrizo Storage	1.8	653	Both
Tucson Electric Power Co.	26.1	3,700	East

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GCOR and MWOR Rule 15.2A—Verbal Permission:

When granting verbal permission, use the following words:

"Foreman (name) (of Gang No.) using track bulletin no. ____ line no. ____ between MP ____ and MP ____ on ____ Subdivision."

- To permit a train to pass a red flag (or light) without stopping, add the following:
"Unless otherwise restricted, (train) may pass red flag or light located at MP ____ without stopping." (Specify track if necessary.) Unless otherwise restricted, the train may pass the red flag or light at restricted speed without stopping.
- To permit a train to proceed at other than restricted speed, add the following:
"Unless otherwise restricted, (train) may proceed through the limits at ____ MPH (or at maximum authorized speed)." (Specify track if necessary.) The train may move through the limits at the speed specified, unless otherwise restricted.
- To require a train to move at restricted speed, but less than 20 MPH, add the following:
"Unless otherwise restricted, (train) must proceed at restricted speed but not exceeding ____ MPH." (Specify distance and track if necessary.) Unless otherwise restricted, the train must proceed at restricted speed and not exceed the speed specified.
- To permit a train to move at a higher speed after receiving permission to pass a red flag or light at specific speed for a specific distance, add the following:
"Unless otherwise restricted, (train) may pass red flag (or light) located at MP ____ (without stopping) at ____ MPH until the entire train has passed MP _____. You may then proceed at (higher speed) MPH (or at maximum authorized speed)." (Specify track if necessary.) Only one additional speed can be given. It must be higher than the speed permitted by the red flag or light, and the speed will extend to the end of the Form B limits, unless otherwise restricted.

Speed Tables

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

FEET	TENTHS OF A MILE
528	.1
1,056	.2
1,584	.3
2,112	.4
2,640	.5
3,168	.6
3,696	.7
4,224	.8
4,752	.9