

PHOENIX SUBDIVISION (0685)

Mile Post	Rule 6.3	CP #'s	Radio Display: Picacho to MP 802.8 -9696		Sta. #'s	Siding Feet
			WEST ▼ STATIONS	EAST ▲		
979.7	CTC	SP937	PICACHO (2.6)	T	SP359	
977.1		PX977	CP PX977 (14.9)			
962.2	TWC ABS	PX962	COOLIDGE (12.0)		LB377	
948.9			MAGMA (11.7)		LB389	5733
937.2			GERMANN (30.2)		LB400	8207
907.0	YL ABS		PHOENIX YARD (14.0)	BTY		
893.0	TWC ABS		CASHION (17.3)		LB445	4825
875.7			BUCKEYE (14.4)		LB462	3707
861.3			ARLINGTON (39.0)	T	LB476	3628
822.3			HYDER (41.4)		LB515	3688
802.8			END OF MAIN TRACK			
(175.6)						

SI-01 MAIN TRACK AUTHORITY

CTC between:
MP979.7 and MP962.2.

ABS between:
MP962.2 and MP802.8.

TWC between:
MP899.0 and MP802.8;
MP962.2 and MP910.3.

Yard Limits between:
MP910.3 and MP899.0.

SI-02 MAXIMUM SPEED TABLE

Maximum Speed	MPH
Between Mileposts	
979.7 and 802.8	
(Except as Below).....	60
979.7 and 979.3.....	25
979.3 and 975.6.....	45
963.5 and 959.4.....	40
959.4 and 959.1.....	25
959.1 and 957.0.....	40
950.1 and 949.6.....	40
916.5 and 913.6.....	20
913.6 and 907.9.....	30
907.9 and 906.7.....	20
906.7 and 905.6.....	15
905.6 and 904.8.....	20
904.8 and 903.0.....	30
903.0 and 802.8.....	40

SI-03 OTHER SPEED RESTRICTIONS

Maximum Speed	MPH
1. Thru Sidings & Turnouts	
All sidings.....	10
2. Dual Control Switch Turnouts	
Turnout: Picacho CP SP937.....	25
3. Misc. Speed Restrictions	
Arlington MP859.3 Palo Verde Power Plant Lead.....	25
All movements within plant with locomotive bell ringing.....	5
Picacho: west leg of wye.....	10
Magma: Copper Basin and Magma RR yard tracks and west lead between tracks 602 and 604.....	5

SI-04 MAIN TRACK DESIGNATIONS - None.

SI-05 MILEPOST EQUATIONS

MP957.09 = MP958.42

SI-06 DTC BLOCK LIMITS - None.

SI-07 ITEM 13 TRAIN DEFECT DETECTORS

% 975.6	(#) 911.0	# 856.5
(#) 969.9	% 899.0	(#) 836.5
(#) 953.0	(#) 890.5	(#) 816.5
(#) 941.6	% 880.0	% 808.9
(#) 927.5	(#) 873.5	

SI-08 RULES ITEMS

Rule 1.11.1. The employee who is to remain awake must inspect passing trains from the ground on side adjacent to their train.

Rule 6.32.1. A member of crew must precede all movements over xing at following locations:
Phoenix: Zeb Pearch trk 702 over Lincoln Street;
Pipeola: Xing within SFP Pipe Line reservation.

Rule 6.32.2. McElhaney MP774.9: Trains and engines switching yard trks be governed by Rule 6.32.2 at Avenue 34.

Rule 7.7. Campo, Yard 4: Do not kick or drop cars into the 800 lead which would make contact with another car(s) in the curve connecting to the main track.

Rule 7.10. Phoenix Yard: Following applies for movements on east and west legs of wye, tracks 1/112 and 1/113:
*Before movement commences, gates must be opened and locked.
*When movement is completed, gates must be immediately closed and locked.

Rule 8.3. Phoenix Yard: Crossover switches between main track and working limit at east end of Phoenix yard MP907.9, and main track switch at the east end of trk 113 MP906.1, may be left lined and locked for other than main track movement.

Rule 9.3. Phoenix Yard BNSF Crossing MP905.4:
Westward: When signal governing movement over crossing displays STOP and PROCEED, after stopping, train or engine may move toward crossing but must stop at least 50 feet before fouling crossing and not proceed until a member of the crew determines that conflicting route is clear and both derails are in derailing position.
Eastward: When signal governing movement over crossing displays STOP and PROCEED, after stopping, train or engine must not proceed past signal and over crossing until member of crew determines that conflicting route is clear and both derails are in derailing position.

Rule 31.1.1.D. Hand brakes may be applied on the head end of eastward trains at Phoenix Yard.

PHOENIX SUBDIVISION (0685)

SI-09 FRA EXCEPTED TRACKS		
Phoenix Yard: All tracks in Yards 2, 4, 5 and 6; Trks 710-712 and 190.		
SI-10 BUSINESS TRACKS		
Track Name	MP	STA. #'S
Randolph	966.4	LB373
Higley	932.0	LB405
Gilbert	927.0	LB411
McQueen	923.6	LB414
Mesa	921.8	LB416
Tempe	914.4	LB423
Kendall	911.1	LB427
Aristuc	909.4	LB429
Phoenix	906.0	LB432
23rd. Ave Phoenix	904.0	LB434
Campo	902.0	LB435
Cotpro	900.8	LB436
Pipeola	900.4	LB437
Fowler	898.1	LB440
Tolleson	895.7	LB442
Litchfield	889.7	LB447
Litchfield Jct.	889.3	LB448
Dixie	865.7	LB472
Gillespie	851.0	LB487
Horn	813.2	LB525
SI-11 INDUSTRIAL LEADS		
Tempe Industrial Lead: 9.7 miles; MP915.3 to MP925.0; between main track switch MP915.3, and Chandler Blvd. MP923.0: Maximum speed is 20 MPH. Between Chandler Blvd. MP923.0 and end of lead MP925.0: Maximum speed is 10 MPH; Rule 6.28 applies on entire Industrial Lead.		
Business Tracks	MP	Sta. #'s
Peterson	917.7	U0202
Helena	919.2	U0203
West Chandler	923.0	U0207
Litchfield Industrial Lead: 5.4 miles; MP889.3 to MP892.2.		
Chandler Industrial Lead: 19.6 miles; MP923.6 to MP943.2; Maximum speed 20 MPH.		
Business Tracks	MP	Sta. #'s
Chandler	929.3	U0007
Dock	943.2	U0016
Roll Industrial Lead: 32.1 miles; MP 770.7 to MP 802.8. Maximum speed 20 MPH. ABS in effect on entire lead. Rule 6.28. All movements in ABS on the Roll Industrial Lead must be made at restricted speed regardless of signal indication. Train Defect Detectors: # 798.0 (#) 775.7		
Business Tracks	MP	Sta. #'s
McElhaney	774.8	LB567
Growler	793.0	LB555
SI-12 TONNAGE RESTRICTIONS/TPOB		
Maximum Gross Weight: 158 Tons		
SI-13 TRAIN MAKE-UP RESTRICTIONS		
Maximum length for trains operating on Phoenix Subdivision is 8,000 feet total train length including locomotives.		

SI-14 MISC. INSTRUCTIONS
6-axle locomotives are prohibited from operating on east or west leg of wye at Magma.
Phoenix Yard: Do not operate 6-axle units OR handle cars exceeding 65 feet in length coupled consecutively, on lead trk 112 between Grant Street and Buckeye Road.
Freight trains must receive permission from Yardmaster or their representative before entering or departing yard.
Freight trains or engines departing yard to enter TWC must receive permission to depart from Train Dispatcher and Yardmaster.