

GILA SUBDIVISION (0675)

| Mile Post | Rule 6.3 | CP #'s | Radio Display: 36th Street to Gila -9696 Gila to Yuma -1414 | | Sta. #'s | Siding Feet |
|-----------|------------|--------|---|-----------|----------|-------------|
| | | | WEST ▼ STATIONS | EAST ▲ | | |
| 987.7 | CTC | SP988 | 36TH STREET (1.1) | | | |
| 986.6 | ABS 2MT | | PFE YARD (2.4) | BTY | SP314 | |
| 985.2 | CTC | SP985 | CHERRY AVENUE (1.4) | X | SP317 | |
| 982.7 | | SP983 | SOUTH YARD (3.3) | X | | |
| 979.4 | CTC | SP979 | STOCKHAM (3.6) | ! | SP322 | 7890 |
| 977.8 | | SP978 | | | | |
| 975.8 | | SP976 | KINO (8.4) | ! | SP326 | 8195 |
| 974.1 | | SP974 | | | | |
| 967.4 | | SP967 | RILLITO (8.7) | ! | SP334 | 8372 |
| 965.7 | | SP966 | | | | |
| 958.7 | | SP959 | NAVISKA (6.7) | ! | SP342 | 8445 |
| 957.0 | | SP957 | | | | |
| 952.0 | | SP952 | RED ROCK (7.4) | ! | SP345 | 8337 |
| 950.3 | | SP950 | | | | |
| 944.6 | | SP945 | WYMOLA (6.2) | ! | SP352 | 8381 |
| 942.9 | | SP943 | | | | |
| 938.4 | | SP938 | PICACHO (9.6) | !TX | SP359 | S8754 |
| 936.7 | | SP937 | | | | |
| 928.8 | | SP929 | TOLTEC (11.4) | ! | SP368 | 8344 |
| 927.1 | | SP927 | | | | |
| 917.4 | | SP917 | CASA GRANDE (9.1) | ! | SP377 | 8336 |
| 915.7 | | SP916 | | | | |
| 908.3 | | SP908 | BON (10.6) | ! | SP388 | 8330 |
| 906.6 | | SP907 | | | | |
| 897.7 | | SP898 | MARICOPA (6.9) | ! | SP398 | 8309 |
| 896.0 | | SP896 | | | | |
| 890.8 | | SP891 | ENID (6.9) | ! | SP406 | 8359 |
| 889.1 | | SP889 | | | | |
| 883.9 | | SP884 | MOBILE (7.7) | ! | SP412 | 8330 |
| 882.1 | | SP882 | | | | |
| 876.2 | | SP876 | ESTRELLA (5.8) | ! | SP421 | 8305 |
| 874.5 | | SP874 | | | | |
| 870.4 | | SP870 | SHAWMUT (6.7) | ! | SP426 | 8883 |
| 868.7 | | SP869 | | | | |
| 863.7 | | SP864 | BOSQUE (6.3) | ! | SP433 | 8049 |
| 862.1 | | SP862 | | | | |
| 857.4 | | SP857 | GILA (6.6) | ! | SP440 | 17014 |
| 854.1 | | SP854 | | | | |
| 850.8 | | SP851 | CP SP851 (Hold Signal) (2.4) | | | |
| 848.4 | | SP848 | CP SP848 (Hold Signal) (1.5) | | | |
| 846.9 | | SP847 | THEBA (6.0) | ! | SP450 | 8356 |
| 845.2 | | SP845 | | | | |
| 840.9 | | SP841 | PIEDRA (10.1) | ! | SP456 | 8392 |
| 839.2 | | SP839 | | | | |
| 830.8 | | SP831 | SENTINEL (10.2) | ! | SP466 | 8369 |
| 829.0 | | SP829 | | | | |
| 820.6 | | SP821 | STANWIX (8.2) | ! | SP476 | 8240 |
| 819.0 | | SP819 | | | | |
| 812.4 | | SP812 | AZTEC (10.5) | ! | SP484 | 8388 |
| 810.7 | | SP811 | | | | |
| 801.9 | | SP802 | STOVAL (8.2) | ! | SP495 | 8386 |
| 800.2 | | SP800 | | | | |
| 793.7 | | SP794 | MOHAWK (8.9) | ! | SP503 | 8401 |
| 792.0 | | SP792 | | | | |
| 784.8 | | SP785 | COLFRED (7.4) | ! | SP512 | 8415 |
| 783.1 | | SP783 | | | | |

| | | | | | | |
|-------|-----|-------|---------------------|-----|-------|------|
| 777.4 | CTC | SP777 | NOAH (6.6) | ! | SP519 | 8371 |
| 775.7 | | SP776 | | | | |
| 770.8 | CTC | SP771 | WELLTON (2.7) | X | SP526 | |
| 768.1 | 2MT | SP768 | WEST WELLTON (14.9) | X | | |
| 753.2 | | SP753 | DOME (2.0) | | SP542 | |
| 751.2 | CTC | SP751 | KINTER (6.6) | ! | SP545 | 8487 |
| 749.4 | | SP749 | | | | |
| 744.6 | | SP745 | FORTUNA (7.1) | ! | SP552 | 8388 |
| 742.8 | | SP743 | | | | |
| 737.5 | ABS | SP738 | EAST YARD (4.8) | Y | SP558 | |
| 732.7 | 2MT | | YUMA | BTY | SP563 | |

(255.0)

SI-01 MAIN TRACK AUTHORITY

CTC between:

MP737.4 and MP985.2;
MP985.2 and MP985.5 East lead.
CP SP986 is located at MP985.4 East lead;
MP987.6 and MP987.7 East lead.

Rule 9.14 between:

MP732.5 and MP737.4 Trk 1.

Rule 9.15 Track Permits between:

MP732.5 and MP737.4 Trk 1;
MP985.3 and MP987.8 both trks;

ABS between:

MP985.3 and MP987.8 both trks;
MP734.3 and MP732.5 Trk 1 westward;
MP737.4 and MP734.3 Trk 1 both directions;
MP732.5 and MP737.4 Trk 2 both directions.

Yard Limits between:

MP985.3 and MP987.7 both trks;
MP732.5 and MP737.4 Trk 2.

SI-02 MAXIMUM SPEED TABLE

Maximum Speed

MPH

Between Mileposts

732.7 and 987.8 Eastward

PSGR FRT

| | | |
|--------------------------------|-----------|-----------|
| (Except as Below) | 79 | 65 |
| 732.1 and 733.0 | 25 | 25 |
| 733.0 and 737.6 Trk 2 | 50 | 50 |
| 733.0 and 734.3 Trk 1 | 25 | 25 |
| 734.3 and 737.6 Trk 1 | 40 | 40 |
| 743.2 and 748.6 | 70 | 65 |
| 748.6 and 756.2 | 40 | 40 |
| 756.2 and 763.0 | 60 | 55 |
| 763.0 and 770.7 | 70 | 65 |
| 770.7 and 771.0 | 40 | 40 |
| 775.5 ** | 79 | 55+ |
| 780.3 and 781.4 | 70 | 65 |
| 792.5 and 794.9 | 55 | 50 |
| 819.0 ** | 79 | 55+ |
| 822.4 and 825.3 | 55 | 50 |
| 845.2 ** | 79 | 55+ |
| 855.1 and 855.8 | 70 | 65 |
| 866.9 and 872.1 | 55 | 50 |
| 872.1 and 874.5 | 65 | 60 |
| 874.5 ** | 65+ | 55+ |
| 874.5 and 875.0 | 65 | 60 |
| 892.7 and 932.1 | 70 | 65 |
| 932.1 ** | 70+ | 55+ |
| 932.1 and 935.5 | 70 | 65 |
| 938.4 ** | 79 | 55+ |
| 944.5 ** | 79 | 55+ |
| 957.0 ** | 79 | 55+ |

| | | |
|---|------------|-----|
| Between Mileposts | | |
| 732.7 and 987.8 Eastward | PSGR | FRT |
| (Except as Below) | 79 | 65 |
| 975.5 and 975.8 | 75 | 65 |
| 977.8 ** | 75+ | 55+ |
| 977.8 and 979.4 | 75 | 65 |
| 979.4 and 982.7 | 50 | 50 |
| 982.7 and 987.8 | 25 | 25 |
| Between Mileposts | | |
| 987.8 and 732.7 Westward | PSGR | FRT |
| (Except as Below) | 79 | 70 |
| 987.8 and 982.7 | 25 | 25 |
| 982.7 and 979.4 | 50 | 50 |
| 979.4 and 975.5 | 75 | 70 |
| 955.5 ** | 79 | 55+ |
| 935.5 and 892.7 | 70 | 70 |
| 875.0 and 874.5 | 65 | 60 |
| 874.5 ** | 65+ | 55+ |
| 874.5 and 873.3 | 65 | 60 |
| 873.3 ** | 65+ | 50+ |
| 873.3 and 872.3 | 65 | 60 |
| 872.3 ** | 65+ | 55+ |
| 872.3 and 872.1 | 65 | 60 |
| 872.1 and 867.3 ** | 55 | 50 |
| 867.3 | 55+ | 45+ |
| 867.3 and 866.9 | 55 | 50 |
| 865.1 ** | 79 | 55+ |
| 856.4 and 855.1 | 70 | 70 |
| 825.3 and 822.4 | 55 | 50 |
| 794.9 and 792.5 | 55 | 50 |
| 781.4 and 780.3 | 70 | 70 |
| 771.0 and 770.7 | 40 | 40 |
| 770.7 and 763.9 | 70 | 70 |
| 763.9 ** | 70+ | 55+ |
| 763.9 and 763.0 | 70 | 70 |
| 763.0 and 756.2 | 60 | 55 |
| 756.2 and 748.6 | 40 | 40 |
| 748.6 and 743.2 | 70 | 70 |
| 737.6 and 735.3 | 50 | 50 |
| 735.3 and 734.5 | 40 | 40 |
| 734.5 and 732.1 | 25 | 25 |
| ** Only freight trains exceeding 80 TPOB must comply with speed restriction. Speed restriction will not apply when signal at speed restriction location displays CLEAR. | | |
| SI-03 OTHER SPEED RESTRICTIONS | | |
| Maximum Speed | MPH | |
| 1. Thru Sidings & Turnouts | | |
| All Sidings | 25 | |
| 2. Dual Control Switch Turnouts | | |
| Turnouts: Stockham, Picacho | 50 | |
| Turnouts: Wellton, Dome | 40 | |
| Turnout: Picacho SP937 to Phoenix Sub. .. | 25 | |
| Crossovers: Wellton, West Wellton | 25 | |
| Crossover: South Yard | 10 | |
| 3. Misc. Speed Restrictions | | |
| Picacho: west leg of wye | 10 | |
| 22nd Street: hand-operated crossover between Main Tracks | 10 | |
| South Yard: all yard tracks | 5 | |
| East Yard: all yard tracks | 5 | |
| Yuma: all yard and drill tracks | 5 | |
| PFE Yard: all yard tracks | 5 | |

| | | |
|---|-----------|--------------|
| SI-04 MAIN TRACK DESIGNATIONS | | |
| Two Main Tracks between: | | |
| MP732.5 and MP737.4; | | |
| MP753.5 and MP770.0; | | |
| MP979.4 and MP987.7. | | |
| SI-05 MILEPOST EQUATIONS - None. | | |
| SI-06 DTC BLOCK LIMITS - None. | | |
| SI-07 ITEM 13 TRAIN DEFECT DETECTORS | | |
| (#) 979.1 | % 873.0 | (#) 758.2 |
| % 976.4 | (#) 865.0 | % 752.5 |
| % 971.6 | % 859.8 | (#) & 740.2 |
| (#) 961.7 | (#) 851.3 | % 735.1 Trk1 |
| % 954.5 | % 843.1 | |
| % 947.7 | (#) 834.9 | |
| (#) 941.4 | (#) 821.8 | |
| % 930.8 | % 815.6 | |
| (#) 922.0 | (#) 806.6 | |
| % 912.5 | % 796.6 | |
| (#) 902.0 | (#) 790.0 | |
| % 893.6 | % 787.5 | |
| (#) 888.4 | % 780.4 | |
| (#) 878.7 | (#) 772.7 | |
| Detector MP740.2 protects bridge at MP732.3. | | |
| 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 6.13. PFE Yard: The requirement to obtain a track warrant listing all track bulletins before using either main Trk 1 or Trk 2 within Yard Limits at PFE Yard does not apply. | | |
| Rule 6.32.2. Toltec: Sound detector microphone located on mast 75 feet west of Toltec Road xing. Eastward trains stopped west of xing on Toltec siding must sound whistle to lower or keep xing gates down before starting movement. | | |
| South Yard: Movements over Congress Street xing must stop at STOP sign and wait for green arrow before proceeding over xing. | | |
| Rule 7.6. Instructions for Applying Hand Brakes: | | |
| Yuma: Freight trains- five hand brakes on west end. All hand brakes must be released and air cut in before shoving cars to clear in trks 103-105 and 107-109. After movement is completed, hand brakes must be reapplied. | | |
| Yuma East Yard: Freight trains- five hand brakes on west end. | | |
| PFE Yard: | | |
| 0-2500 tons - 10 hand brakes or half of the hand brakes in train (whichever is the least) | | |
| 2501-4999 tons - 15 hand brakes | | |
| 5000-7999 tons - 20 hand brakes | | |
| 8000 tons + - 25 hand brakes | | |
| All hand brakes are to be set on descending end. Hand brakes will not be applied if outgoing crew takes charge of train on arrival, and inbound crew is advised by Yardmaster that engine is not to be detached and no switching is to be performed on the train. Hand brakes will not be applied if switch crew takes charge of the train on arrival. Hand brakes on outbound trains must not be released until engine is coupled to train, air test completed, and blue sign removed. | | |
| Rule 7.7. South Yard: Cars must not be kicked or dropped on any track in South Yard. | | |

GILA SUBDIVISION (0675)

Rule 9.6. Cherry Ave: When signal displays a PROCEED indication over power derail on east or west lead, a movement will have seven minutes to occupy the established route. If no movement is made, signal will display STOP, and after three additional minutes derail will return to derailing position.

Rule 9.17. East Yard: Trains and engines may enter Trk 2 between MP732.5 and MP737.4 at a hand-operated switch only after receiving permission from Train Dispatcher. Before granting permission, the Train Dispatcher must know that signals governing movement to Trk 2 are set to display STOP. When granted permission, the requirement to line main track switch and wait 5 minutes will not apply.

Rule 15.2. PFE Yard: The issuance of a Form B track bulletin within yard limits at PFE Yard is prohibited.

Rule 31.1.2. PFE Yard: When engine is left unattended in locomotive servicing area, hand brakes must be set on all units in consist.

SI-09 FRA EXCEPTED TRACKS

South Yard: track 125.

Yuma:

All yard tracks except tracks 024, 026, 027 & 029.

SI-10 BUSINESS TRACKS

| Track Name | MP | STA. #'S |
|---------------------|-------|----------|
| Tucson | 983.9 | SP317 |
| Avra | 953.5 | SP347 |
| Eloy | 933.1 | SP363 |
| Seco | 921.0 | SP375 |
| Arizona Grain | 903.9 | SP398 |
| Blaisdell | 746.6 | SP549 |

SI-11 INDUSTRIAL LEADS

Somerton Industrial Lead: 6.1 miles;
MP0.0 to MP6.1; entire Lead is FRA Excepted Trk. ;
Maximum Gross Weight: 120 Tons.

| Business Tracks | MP | Sta.#'s |
|-----------------|-----|---------|
| Steam | 6.1 | SY006 |

SI-12 TONNAGE RESTRICTIONS/TPOB

Maximum Gross Weight: 158 Tons.

| Tons Per Operative Brake: | Tons Per Dynamic Brake Axle: | Maximum Speed: |
|---------------------------|------------------------------|------------------------|
| 80+ to 100 | | 60 MPH Eastward |
| | | 65 MPH Westward |
| 100+ to 132 | | 60 MPH Both directions |
| Over 132 | | 45 MPH Both directions |

SI-13 TRAIN MAKE-UP RESTRICTIONS - None.

SI-14 MISC. INSTRUCTIONS

PFE Yard: Westward freight trains must receive permission from Yardmaster or their representative before departing PFE Yard. Eastward freight trains arriving PFE Yard must not pass crossover CP SP983 without permission of Yardmaster or their representative.

Rillito: Cars must not be kicked or dropped into Calmat Portland Cement Spur, and cars must not be left standing on this spur west of insulated joints at east end of circuit actuating highway crossing signals. Chains across crusher spur at each end of pit are secured by snaps to posts, and may be unfastened to move cars to or from pit. Chains must be fastened across track when there is no car spotted over pit. Derail located 80 feet east of crusher pit on crusher spur must not be lined for movement into spur until it is known that track over pit is ready for the movement.

Yuma: Westward freight trains must stop short of crew change sign located 150' east of Yuma yard office for crew change unless otherwise notified by Train Dispatcher.

6-axle locomotives are prohibited from operating on the following tracks:

Tucson: South Yard Lead trk 125 and trks 750-756. Only one four-axle locomotive and one car may be used when switching trk 752.