## **Division Managers**

	9	
Barstow		
J.E. COBEAN	Terminal Manager 8-255-7	607
TP DUNCAN	Terminal Manager 8-255-7	603
	Terminal Manager 8-255-7	
IVI.O. FILE	Terminar Manager 0-200-7	002
	Terminal Superintendent 8-255-7	
L.A. LAWRENCE	Trainmaster 8-255-7	583
C.L. LITTLEFIELD	Asst. Terminal Superintendent 8-255-7	605
LA MADTINEZ	Road Foreman	004
	Trainmaster 8-255-7	
K.P. NOE	Roadmaster 8-255-7	654
R R RUSSELL	Terminal Manager 8-255-7	604
	Trainmaster	
	Trainmaster 8-255-7	
D.J. WALKER	Trainmaster 8-255-5	056
La Mirada		
S.D. JOHNSON	Trainmaster 8-267-5	665
3.b. 30/11/30/4	Hammaster	000
Los Angeles		
	B (B)	
	Road Foreman 8-869-3	
R. CRAFT	Trainmaster 8-267-4	016
	Road Foreman 8-267-4	
	Terminal Manager 8-267-4	
I.D. FRANKLIN	reiminai manager 8-26/-4	232
	Terminal Superintendent 8-267-4	
	Terminal Manager 8-267-4	
	Trainmaster	
	Roadmaster	
	Trainmaster 8-267-4	
R.X. MENDOZA	Trainmaster 8-267-4	232
IA NEWREDN	Trainmaster 8-267-4	232
	Supt. Field Operations 8-869-3	
B.D. SHOEMAKE	Terminal Manager 8-267-4	323
		~ 4 4
I V.L. STEWART	Terminal Manager 8-267-4	<b>011</b>
	Terminal Manager 8-267-4	011
V.L. STEWART Needles	Terminal Manager 8-267-4	011
Needles	- -	
Needles G. BOUNOUS	Roadmaster 8-326-5	414
Needles G. BOUNOUS B.N. EDWARDS	Roadmaster	414 427
Needles G. BOUNOUS B.N. EDWARDS	Roadmaster 8-326-5	414 427
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG	Roadmaster	414 427
Needles G. BOUNOUS B.N. EDWARDS	Roadmaster	414 427
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino	Roadmaster	414 427 462
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP	Roadmaster	414 427 462 002
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY	Roadmaster	414 427 462 002 387
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON		414 427 462 002 387 345
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON	Roadmaster	414 427 462 002 387 345
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL		414 427 462 002 387 345 504
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Trainmaster       8-386-4	414 427 462 002 387 345 504 342
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Trainmaster       8-386-4         Superintendent Operations       8-386-4	414 427 462 002 387 345 504 342 304
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Trainmaster       8-386-4         Superintendent Operations       8-386-4         Roadmaster       8-386-4	414 427 462 002 387 345 504 342 304 061
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Trainmaster       8-386-4         Superintendent Operations       8-386-4         Roadmaster       8-386-4	414 427 462 002 387 345 504 342 304 061
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Trainmaster       8-386-4         Superintendent Operations       8-386-4         Roadmaster       8-386-4         General Supervisor Signals       8-386-4	414 427 462 002 387 345 504 342 304 061 050
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD		414 427 462 002 387 345 504 342 304 061 050 380
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS		414 427 462 002 387 345 504 342 304 061 050 380 017
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL		414 427 462 002 387 345 504 342 304 061 050 380 017 342
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL		414 427 462 002 387 345 504 342 304 061 050 380 017 342
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES		414 427 462 002 387 345 504 342 304 061 050 380 017 342 060
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON		414 427 462 002 387 345 504 342 304 061 050 380 017 342 060 354
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD		414 427 462 002 387 345 504 342 304 061 050 380 017 342 060 354 012
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON	Roadmaster	414 427 462 002 387 345 504 342 304 061 050 380 017 342 060 354 012 342
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON	Roadmaster	414 427 462 002 387 345 504 342 304 061 050 380 017 342 060 354 012 342
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. MCREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET		414 427 462 002 387 345 504 342 304 061 050 380 017 342 060 354 012 342
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON	Roadmaster	414 427 462 002 387 345 504 304 061 050 380 017 342 060 354 012 342
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. MCREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET San Diego	Roadmaster	414 427 462 002 387 345 504 342 3061 050 380 017 342 060 354 012 342 509
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. MCREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET San Diego W.B. ADAMS	Roadmaster	414 427 462 002 387 345 504 342 3061 050 380 017 342 060 354 012 342 509
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. MCREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET San Diego W.B. ADAMS	Roadmaster	414 427 462 002 387 345 504 342 3061 050 380 017 342 060 354 012 342 509
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET  San Diego W.B. ADAMS D.C. WESSEL	Roadmaster	414 427 462 002 387 345 504 342 3061 050 380 017 342 060 354 012 342 509
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. MCREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET San Diego W.B. ADAMS	Roadmaster	414 427 462 002 387 345 504 342 3061 050 380 017 342 060 354 012 342 509
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET  San Diego W.B. ADAMS D.C. WESSEL Watson	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Trainmaster       9-386-4         Roadmaster       8-386-4         General Supervisor Signals       8-386-4         Superintendent Operations       8-386-4         General Road Foreman       8-386-4         Trainmaster       8-386-4         Road Foreman       8-386-4         Director Administration       8-386-4         Trainmaster       8-386-4	414 427 462 002 387 345 504 342 304 061 050 380 017 342 342 342 342 509
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET San Diego W.B. ADAMS D.C. WESSEL Watson C.L. ADAMS	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Trainmaster       8-386-4         Superintendent Operations       8-386-4         General Supervisor Signals       8-386-4         Superintendent Operations       8-386-4         General Road Foreman       8-386-4         Trainmaster       8-386-4         Road Foreman       8-386-4         Director Administration       8-386-4         Trainmaster       8-386-4	414 427 462 002 387 345 504 342 304 061 050 380 017 342 309 800 801
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG  San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. McHOOD K.C. McREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET  San Diego W.B. ADAMS D.C. WESSEL  Watson C.L. ADAMS D.E. LEATHERS	Roadmaster	414 427 462 002 387 345 504 061 050 380 017 342 060 354 012 342 342 342 342 342 342 342 342 342 34
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG  San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. MCREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET  San Diego W.B. ADAMS D.C. WESSEL  Watson C.L. ADAMS D.E. LEATHERS L.J. THOMPSON	Roadmaster       8-326-5         Mechanical Foreman       8-326-5         Trainmaster       8-326-5         Mgr. Safety/Rules       8-386-4         Terminal Manager       8-386-4         Road Foreman       8-386-4         Division Engineer       8-386-4         Superintendent Operations       8-386-4         Roadmaster       8-386-4         Superintendent Operations       8-386-4         Superintendent Operations       8-386-4         General Supervisor Signals       8-386-4         Trainmaster       8-386-4         Roadmaster       8-386-4         Road Foreman       8-386-4         Director Administration       8-386-4         Trainmaster       8-386-4	414 427 462 002 387 345 504 061 050 380 017 342 060 354 012 342 342 342 342 342 342 342 342 342 34
Needles G. BOUNOUS B.N. EDWARDS D.K. YOUNG  San Bernardino G.L. BOOP M.E. CROY R.P. DENNISON D. DILL J.R. FRAZIER T.R. GIBSON D. GONZALES O.G. KIRKLEY J.R. MCHOOD K.C. MCREYNOLDS R.C. MITCHELL A.T. MORALES D.L. NELSON C.D. PENROD D.L. SEATON M.S. THERET  San Diego W.B. ADAMS D.C. WESSEL  Watson C.L. ADAMS D.E. LEATHERS L.J. THOMPSON	Roadmaster	414 427 462 002 387 345 504 061 050 380 017 342 060 354 012 342 342 342 342 342 342 342 342 342 34

## **BNSF**



# Southern California Division

Timetable No. 5

IN EFFECT AT 0001
Pacific Continental Time
Sunday, December 12, 1999

Division Superintendent D.L. Meyers San Bernardino, California (909) 386-4001

								<u> </u>	
WESTWARD.	Length of Siding (Feet)	Station Nos.	Mile Post	Cajon Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Line Segment	Miles to Next Stn.	*EAST SARD
		19000	0.0	BARSTOW	XBCPT			0.9	
			0.9	EAST D YARD	X(2)	4MT		<b>2</b> .2	
			2.7	WEST D YARD	X(2)	CTC	7000	0.9	1
			3.4	VALLEY JCT.	J		7600	0.9	1
			4.3	WEST R YARD				2.4	1
		19015	6.7	LENWOOD	х			6.9	1
			13.6	HODGE	х			15.8	
		-	29.4	EAST ORO GRANDE	х			2,1	1
		19035	31.5	ORO GRANDE				3,1	1
			34.6	EAST VICTORVILLE	х			2.1	1
1		19045	36.7	VICTORVILLE	ВР	2MT CTC		1,3	1
			38.0	FROST	х			7.1	1
		19055	45.1	HESPERIA				5.0	1
			50.1	LUGO	х			5.8	1
		19065	55.9	SUMMIT	х		7603	NO 8.9 SO 6.9	
			56.6	CP 566	J			6.2	
		19075	62.8	CAJON	х			6.6	
1		19080	69.4	KEENBROOK	Х			4.5	
			73.9	VERDEMONT	х			6.0	
			79.9	BASELINE	х			0.7	
			80.8	SEVENTH STREET	Х	змт		8.0	1
		19100	81.4	SAN BERNARDINO	X(2) JBCPT	стс		90.2	

			Tone	Call-Ir	1	
RADIO COMMUNICATION	СН	DS	sc	МС	CSS	EMER
Barstow to Lenwood	32	1	3	4	5&7	9
Lenwood to Lugo	72	2	3	4	5&7	9
Lugo to San Bernardino	72	1	3	4	5&7	9

#### **Speed Regulations** 1.

#### 1(A). Speed-Maximum

Passenger Freight Barstow to San Bernardino ...... 79 MPH. ..... 55 MPH. \*# The exceptions to System Special Instructions Item 1(B), Speed-Main Tracks, do not apply on the Cajon Subdivision. Eastward freight trains on descending grades, with dynamic brakes not in use, Redlands Industrial Spur, MP 0.0 to MP 0.7 ..... 5 MPH. Redlands Industrial Spur, MP 0.7 to MP 11.4 ...... 10 MPH. Light engines operating between MP 55.9 and MP 80.6: observe passenger speed. \* System Special Instructions Item 1(B) applies between Barstow and

# See System Special Instructions Item 1(C).

### 1(B). Speed—Permanent Restrictions

Westward:	
MP 0.6 to MP 0.8	. 50 MPH 50 MPH.
MP 0.8 to MP 2.7 (Nos. 1, 2, and 4 Main)	. 30 MPH 30 MPH.
MP 0.8 to MP 2.7 (No. 3 Main)	. 50 MPH 50 MPH.
MP 2.7 to MP 4.6	. 65 MPH 60 MPH.
MP 31.9 to MP 33.8, curve	. 60 MPH 55 MPH.
MP 33.8 to MP 34.4, curve	
Protected by Inert ATS Inductors	. 40 MPH 35 MPH.
MP 34.4 to MP 36.2, curve (Main 1)	. 65 MPH 45 MPH.
MP 34.4 to MP 36.2, curve (Main 2)	. 60 MPH 45 MPH.
MP 36.2 to MP 37.2, curve	. 50 MPH 45 MPH.

MP 37.2 to MP 37.4, curve	. 35 MPH 35 MPH.
MP 37.4 to MP 39.1, curve (Main 1)	. 50 MPH 45 MPH.
MP 39.1 to MP 42.0, curve (Main 2)	. 50 MPH 45 MPH.
MP 37.4 to MP 39.1, curve (Main 2)	
MP 39.1 to MP 42.0, curve (Main 1)	
MP 42.0 to MP 43.7, curve	
MP 47.2 to MP 48.1, curve	
MP 48.1 to MP 48.8, curve	
MP 48.8 to MP 50.4, curve	
MP 50.4 to MP 52.2, curve	
MP 52.2 to MP 56.1, curve	
MP 56.1 to MP 56.6, grade (Main 2)	. 40 MPH 40 MPH.
MP 56.1 to MP 56.6, grade (Main 1)	. 45 MPH 45 MPH.
MP 56.6 to MP 61.5, grade (Main 2)	
Protected by Inert ATS Inductors	. 30 MPH 20 MPH.
MP 56.6 to MP 64.2X, grade (Main 1)	
Protected by Inert ATS Inductors	30 MPH 30 MPH
MP 56.6, CP 566, Main 1 to UPRR	
MP 61.5 to MP 62.2, grade (Main 2)	
MP 62.2 to MP 64.2, grade	. 30 MPH 30 MPH.
MP 64.2 to MP 66.5, grade	
MP 66.5 to MP 72.6, grade	
MP 72.6 to MP 80.7, grade	. 50 MPH 35 MPH.
MP 80.7 to MP 81.5, curve	
Protected by Inert ATS Inductors	. 30 MPH 30 MPH.
Eastward:	
MP 81.5 to MP 80.7, curve	
MP 79.5 to MP 79.2, curve	. 60 MPH.
MP 79.2 to MP 78.3, curve	. 70 MPH.
MP 72.6 to MP 72.0, curve	. 50 MPH 45 MPH.
MP 72.0 to MP 71.5, curve	. 45 MPH 45 MPH.
MP 71.5 to MP 70.8, curve	
MP 70.8 to MP 66.5, curve	
MP 66.5 to MP 64.2, curve	
MP 64.2 to MP 62.2, curve	
MP 62.2 to MP 58.8, curve (Main 2)	
MP 58.8 to MP 57.2, curve (Main 2)	
MP 57.2 to MP 56.5, curve (Main 2)	
MP 56.5 to MP 56.1, curve (Main 2)	
MP 64.3X to MP 63.7X, curve (Main 1)	
MP 63.7X to MP 63.1X, curve (Main 1)	. 35 MPH 35 MPH.
MP 63.1X to MP 61.7X, curve (Main 1)	. 40 MPH 35 MPH.
MP 61.7X to MP 57.4X, curve (Main 1)	. 30 MPH 30 MPH.
MP 57.4X to MP 56.8X, curve (Main 1)	. 45 MPH 40 MPH.
MP 56.8X to MP 56.1, curve (Main 1)	. 45 MPH 45 MPH.
MP 56.1 to MP 52.1, curve	
MP 52.1 to MP 50.4, curve	
MP 50.4 to MP 48.8, curve	
MP 48.8 to MP 48.1, curve	
MP 48.1 to MP 47.2, curve	
•	. тымгп 03 мРП.
MP 43.7 to MP 42.0, curve	SEMBIL SOME
Protected by Inert ATS Inductors	
MP 42.0 to MP 39.1, curve (Main 2)	
MP 42.0 to MP 37.4, curve (Main 1)	. 50 MPH 45 MPH.
MP 39.1 to MP 37.4, curve (Main 2)	. 45 MPH 40 MPH.
MP 37.4 to MP 37.2, curve	. 35 MPH 35 MPH.
MP 37.2 to MP 36.2, curve	
MP 36.2 to MP 34.4, curve (Main 1)	
MP 36.2 to MP 34.4, curve (Main 2)	
MP 34.4 to MP 33.9, curve	
MP 33.9 to MP 31.8, curve	
MP 4.6 to MP 2.7, curve	
MP 2.7 to MP 0.8, (No. 3 Main)	
MP 2.7 to MP 0.8, (Nos. 1, 2 and 4 Main)	
MP 0.8 to MP 0.4, curve	. 50 MPH 50 MPH.
Speed—Switches and Turnouts	<u>.</u>
Trains and engines using auxiliary tracks	
must not exceed turnout speed for that track	

### 1(C).

must not exceed turnout speed for that track unless otherwise indicated. Barstow, EE passenger siding ...... 20 MPH. ...... 20 MPH. Barstow, crossover ...... 50 MPH. ...... 50 MPH. Barstow, yard entry ...... 50 MPH. ...... 50 MPH. Barstow Yard, EE and WE inspection

yard tracks 1101, 1102, 1103, ...... 50 MPH. ...... 50 MPH. Barstow Yard, Jct., high and low leads on Needles Subdiv., yard entry track ...... 25 MPH. ...... 25 MPH.

### SOUTHERN CALIFORNIA DIVISION—No. 5—December 12, 1999—Cajon Subdivision

· ·
Barstow Yard, crossovers between
Cajon and Mojave Subdivs., yard entry
tracks, power switches 25 MPH 25 MPH
Barstow Yard, EE and WE all receiving
yard tracks, power switches
Barstow Yard, EE departure yard tracks
1201 through 1205, power switches 25 MPH 25 MPH.
Barstow Yard, WE all departure yard tracks,
power switches
Barstow Yard, crossover between north
departure lead and south departure lead
WE departure yard, power switches 25 MPH 25 MPH
Barstow Yard, crossover between WE
inspection yard track 1103 and WE
departure yard track 1201,
power switches
Barstow Yard, EE departure yard tracks
1206 through 1210, power switches 15 MPH 15 MPH
MP 0.02 Barstow, EE passenger siding
MP 0.0 Barstow, 2 crossovers 50 MPH
MP 0.01 Barstow, yard entry 50 MPH
MP 0.6 East D Yard, WE passenger siding 20 MPH
MP 0.7 East D Yard, crossover
MP 0.7 East D Yard, departure yard lead 50 MPH
MP 0.8 East D Yard, turnout to No. 1 Main 50 MPH
MP 0.9 East D Yard, turnout to No. 2 Main 50 MPH
MP 0.9 East D Yard, inspection yard lead 50 MPH
MP 2.6 West D Yard, turnout to No. 1 Main 50 MPH
MP 2.7 West D Yard, turnout to No. 2 Main 50 MPH
MP 2.7 West D Yard, inspection yard lead 50 MPH
MP 2.7 West D Yard, north departure yard lead 50 MPH
MP 2.8 West D Yard, south departure yard lead 50 MPH
MP 2.8 to MP 2.9, 3 crossovers 50 MPH
MP 3.4 Valley Jct., Mojave Subdiv. Jct 50 MPH
MP 4.3 West R Yard, receiving yard lead
MP 6.8 Lenwood, 2 crossovers 50 MPH
MP 13.6 Hodge, 2 crossovers 50 MPH
MP 29.4 East Oro Grande, 2 crossovers 50 MPH
MP 34.5 East Victorville, crossover 50 MPH
MP 34.7 East Victorville, turnout,
Leon Lead to Main 2
MP 38.0 Frost, 2 crossovers
MP 50.1 Lugo, 2 crossovers
MP 55.9 Summit, 2 crossovers
MP 65.3 Cajon, 2 crossovers
MP 69.4 Keenbrook, 2 crossovers
MP 69.6 turnout to UPRR
MP 73.4 Verdemont, 2 crossovers
MP 73.4 Vergemont, 2 crossovers
MP 79.6 Baseline, turnout to Main 3 50 MPI
MP 79.8 Baseline, 2 crossovers
MP 80.5 Seventh Street, turnout,
Main 1 and yard lead 10 MPH
MP 80.6 Seventh Street, crossover  Main 2 to Main 140 MPH
MP 0.0 San Bernardino, turnout,
Main 3 to Main 4 15 MPH
Speed-Other
MP 0.1 Needles Subdivision yard entry
Between First St. Bridge and Junction

1(D).

Between First St. Bridge and Junction	
High and low leads	25 MPH 25 MPH.
Low lead	15 MPH 15 MPH.
Balloon track	

Speed restrictions, dynamic brake requirements, and special instructions governing the use of retainers for westbound freight trains operating between MP 56.6 and MP 78.0.

- Locomotive weight will not be included in train tonnage except for those units on which dynamic brake is
- Speed Restrictions Westbound Freight Trains Main 2 between MP 56.6 and MP 61.5:
  - 20 MPH if train does not exceed 4,500 tons or 95
  - B. 15 MPH if train exceeds 4,500 tons or 95 TOB.
  - Cannot proceed if train exceeds 14,000 tons or 135 TOB.

Main 2 with helpers/distributed power between MP 56.6 and MP 61.5:

- 20 MPH if train does not exceed 4,500 tons or 95 TOB.
- 15 MPH if train exceeds 4,500 tons or 95 TOB.
- Cannot proceed if train exceeds 14,000 tons or 135

Main 1 between MP 56.6 and MP 64.2X and on both tracks between MP 61.5 and MP 78.0:

- 30 MPH if train does not exceed 6,500 tons or 95
- 20 MPH if train exceeds 6,500 tons or 95 TOB. В
- C. Cannot proceed if train exceeds 16,000 tons or 135
- 35 MPH for light engine consists. D.

Main 1 with helpers/distributed power between MP 56.6 and MP 61.5 and on both tracks between MP 61.5 and MP 78.0:

- 30 MPH if train does not exceed 6,500 tons or 135
- 25 MPH if train is between 6,500 tons and 12,000 tons and does not exceed 135 TOB.
- 20 MPH if train exceeds 12,000 tons and does not exceed 135 TOB
- D. Cannot proceed if train exceeds 16,000 tons or 135

Exception: Westbound freight trains exceeding 16,000 tons or 135 TOB may operate through turnout to UPRR at CP 566 (MP 56.6). Train cannot proceed on this route if exceeding 17,000 tons or 143 TOB. Westbound freight trains departing Barstow in excess of 16,000 tons or 135 TOB must notify train dispatcher before passing Lenwood (MP 6.7).

Note: Westbound freight trains operating between MP 56.6 and MP 78.0 must have a properly functioning speed indicator on the controlling locomotive of the head-end consist.

- Dynamic Brake Requirements for Westbound Freight Trains: Train crews departing Barstow on westbound BNSF trains, via the Cajon Subdivision, must have in their possession a document from Barstow Diesel Service confirming that all dynamic brakes in their consist are known to be operative.
- Before leaving Summit, it must be known that the lead locomotive in the consist has an operative extended range dynamic brake and that the locomotive consist has the minimum number of operative axles of dynamic brake. If the train does not meet the minimum requirement, the train must not proceed. A helper consist may be added to meet this requirement. This requirement must be met using the axle count of locomotives having operative extended range type dynamic braking only.

After leaving Summit, if the dynamic brake on the lead locomotive in the consist becomes inoperative, or if one trailing locomotive's dynamic brake becomes inoperative. and the loss of the dynamic brake causes the train to have less than the minimum required amount of dynamic brake axles, and the engineer has the train under control, the train may proceed without stopping.

When operating with basic dynamic brakes (other than extended range), retarding force decreases as train speed reduces below 18 MPH. Additional brake pipe reduction and/or increased dynamic braking effort may be necessary to control train speed.

٤	ength of Siding (Feet)	Station Nos.	Mile Post	Cajon Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Line Segment	Miles to Next Stn.
۲	,, 000	19000	0.0	BARSTOW	XBCPT	Opon.	eege	0.9
r			0.9	EAST D YARD	X(2)	4MT		2,2
H			2.7	WEST D YARD	X(2)	ctc		0,9
r			3.4	VALLEY JCT.	J		7600	0.9
T			4.3	WEST R YARD				2.4
r		19015	6.7	LENWOOD	х			6.9
Г			13.6	HODGE	Х			15.8
Γ			29.4	EAST ORO GRANDE	х			2.1
T		19035	31,5	ORO GRANDE				3,1
T			34.6	EAST VICTORVILLE	X			2,1
Γ		19045	36.7	VICTORVILLE	BP	2MT CTC		1.3
Γ			38.0	FROST	х	0.0		7.1
Γ		19055	45.1	HESPERIA				5.0
Γ			50.1	LUGO	х			5.8
		19065	55.9	SUMMIT	х		7603	NO 8.9 SO 6.9
Γ			56.6	CP 566	J			6.2
Γ		19075	62.8	CAJON	х			6.6
r		19080	69.4	KEENBROOK	Х			4.5
T		·	73.9	VERDEMONT	х			6.0
Γ			79.9	BASELINE	х	ļ		0.7
			80.6	SEVENTH STREET	х	3МТ		0.8
Γ		19100	81.4	SAN BERNARDINO	X(2) JBCPT	стс		90.2

			Tone	Call-Ir	1	
RADIO COMMUNICATION	СН	DS	sc	МС	css	EMER
Barstow to Lenwood	32	1	3	4	587	9
Lenwood to Lugo	72	2	3	4	587	9
Lugo to San Bernardino	72	1	3	4	587	9

#### **Speed Regulations** 1.

#### 1(A). Speed-Maximum

Passenger Freight Barstow to San Bernardino ...... 79 MPH. ..... 55 MPH.\*# The exceptions to System Special Instructions Item 1(B), Speed—Main Tracks, do not apply on the Cajon Subdivision. Eastward freight trains on descending grades, with dynamic brakes not in use, must not exceed: MP 54.4 to MP 38.0 ...... 30 MPH. Redlands Industrial Spur, MP 0.0 to MP 0.7 ...... 5 MPH. Redlands Industrial Spur, MP 0.7 to MP 11.4 ...... 10 MPH. Light engines operating between MP 55.9 and MP 80.6: observe passenger speed. \* System Special Instructions Item 1(B) applies between Barstow and # See System Special Instructions Item 1(C). 1(B). Speed—Permanent Restrictions

Westward:		
MP 0.6 to MP 0.8	50 MPH	50 MPH.
MP 0.8 to MP 2.7 (Nos. 1, 2, and 4 Main)	30 MPH	30 MPH.
MP 0.8 to MP 2.7 (No. 3 Main)	50 MPH	50 MPH.
MP 2.7 to MP 4.6		
MP 31,9 to MP 33.8, curve	60 MPH	55 MPH.
MP 33.8 to MP 34.4, curve		
Protected by Inert ATS Inductors	40 MPH	35 MPH
MP 34.4 to MP 36.2, curve (Main 1)	65 MPH	45 MPH.
MP 34.4 to MP 36.2, curve (Main 2)	60 MPH	45 MPH
MP 36.2 to MP 37.2, curve	50 MPH	45 MPH.

MP 37.2 to MP 37.4, curve	35 MPH 35 MPH.
MP 37.4 to MP 39.1, curve (Main 1)	
MP 39.1 to MP 42.0, curve (Main 2)	
MP 37.4 to MP 39.1, curve (Main 2)	
MP 39.1 to MP 42.0, curve (Main 1)	
MP 42.0 to MP 43.7, curve	
MP 47.2 to MP 48.1, curve	
MP 48.1 to MP 48.8, curve	55 MPH 55 MPH.
MP 48.8 to MP 50.4, curve	
MP 50.4 to MP 52.2, curve	50 MPH 50 MPH.
MP 52.2 to MP 56.1, curve	55 MPH 50 MPH.
MP 56.1 to MP 56.6, grade (Main 2)	
MP 56.1 to MP 56.6, grade (Main 1)	45 MPH 45 MPH
MP 56.6 to MP 61.5, grade (Main 2)	
Protected by Inert ATS Inductors	30 MPH 20 MPH
MP 56.6 to MP 64.2X, grade (Main 1)	00 1411 111 20 1411 111.
Protected by Inert ATS Inductors	20 MDH 20 MDH
MP 56.6, CP 566, Main 1 to UPRR	
MP 61.5 to MP 62.2, grade (Main 2)	
MP 62.2 to MP 64.2, grade	
MP 64.2 to MP 66.5, grade	35 MPH 35 MPH.
MP 66.5 to MP 72.6, grade	40 MPH 35 MPH.
MP 72.6 to MP 80.7, grade	50 MPH 35 MPH.
MP 80.7 to MP 81.5, curve	
Protected by Inert ATS Inductors	30 MPH 30 MPH.
•	
Eastward:	
MP 81.5 to MP 80.7, curve	
MP 79.5 to MP 79.2, curve	60 MPH.
MP 79.2 to MP 78.3, curve	70 MPH.
MP 72.6 to MP 72.0, curve	
MP 72.0 to MP 71.5, curve	
MP 71.5 to MP 70.8, curve	
MP 70.8 to MP 66.5, curve	
MP 70.6 to MP 66.5, curve	40 MPH 25 MPH
MP 66.5 to MP 64.2, curve	
MP 64.2 to MP 62.2, curve	
MP 62.2 to MP 58.8, curve (Main 2)	35 MPH 30 MPH.
MP 58.8 to MP 57.2, curve (Main 2)	30 MPH 30 MPH.
MP 57.2 to MP 56.5, curve (Main 2)	40 MPH 30 MPH.
MP 56.5 to MP 56.1, curve (Main 2)	50 MPH 40 MPH.
MP 64.3X to MP 63.7X, curve (Main 1)	40 MPH 35 MPH.
MP 63.7X to MP 63.1X, curve (Main 1)	35 MPH 35 MPH.
MP 63.1X to MP 61.7X, curve (Main 1)	40 MPH 35 MPH.
MP 61.7X to MP 57.4X, curve (Main 1)	30 MPH 30 MPH.
MP 57.4X to MP 56.8X, curve (Main 1)	45 MPH 40 MPH
MP 56.8X to MP 56.1, curve (Main 1)	45 MPH 45 MPH
MP 56.1 to MP 52.1, curve	
MP 52.1 to MP 50.4, curve	SOMPH SOMPH
MF 52.1 to MF 50.4, CUIVE	SCHOOL SOMPO
MP 50.4 to MP 48.8, curve	SC MPH SC MPH.
MP 48.8 to MP 48.1, curve	
MP 48.1 to MP 47.2, curve	75 MPH 65 MPH.
MP 43.7 to MP 42.0, curve	
Protected by Inert ATS Inductors	
MP 42.0 to MP 39.1, curve (Main 2)	
MP 42.0 to MP 37.4, curve (Main 1)	50 MPH 45 MPH.
MP 39.1 to MP 37.4, curve (Main 2)	45 MPH 40 MPH.
MP 37.4 to MP 37.2, curve	35 MPH 35 MPH
MP 37.2 to MP 36.2, curve	
MP 36.2 to MP 34.4, curve (Main 1)	
MD 26 2 to MD 24 4 curso (Main 2)	SO MICH AS MICH
MP 36.2 to MP 34.4, curve (Main 2)	
MP 34.4 to MP 33.9, curve	40 MPH 35 MPH.
MP 33.9 to MP 31.8, curve	
MP 4.6 to MP 2.7, curve	
MP 2.7 to MP 0.8, (No. 3 Main)	
MP 2.7 to MP 0.8, (Nos. 1, 2 and 4 Main)	30 MPH 30 MPH.
MP 0.8 to MP 0.4, curve	50 MPH 50 MPH.
Speed—Switches and Turnouts	
Trains and engines using auxiliary tracks	

### 1(C). S

Trains and engines using auxiliary tracks must not exceed turnout speed for that track unless otherwise indicated. Barstow, EE passenger siding ...... 20 MPH. ...... 20 MPH. Barstow, crossover ...... 50 MPH. ...... 50 MPH. Barstow, yard entry ...... 50 MPH. ..... 50 MPH. Barstow Yard, EE and WE inspection yard tracks 1101, 1102, 1103, ...... 50 MPH. ...... 50 MPH. Barstow Yard, Jct., high and low leads on Needles Subdiv., yard entry track ...... 25 MPH. ...... 25 MPH.

## SOUTHERN CALIFORNIA DIVISION—No. 5—Cajon Sub.—Page 4 revised Dec. 19, 1999

Cajon and Mojave Subdivs., yard entry	
tracks, power switches 2	5 MPH 25 MPH.
Barstow Yard, EE and WE all receiving	
yard tracks, power switches2	SMDH 25MDH
	J WIT 11 20 WIT 11.
Barstow Yard, EE departure yard tracks	
1201 through 1205, power switches 2	5 MPH 25 MPH.
Barstow Yard, WE all departure yard tracks,	
power switches 2	5 MPH 25 MPH
Barstow Yard, crossover between north	O 11 20 11.
•	
departure lead and south departure lead	
WE departure yard, power switches 2	5 MPH 25 MPH.
Barstow Yard, crossover between WE	
inspection yard track 1103 and WE	
departure yard track 1201,	
power switches 2	5 MPH 25 MPH.
Barstow Yard, EE departure yard tracks	
1206 through 1210, power switches 1	5 MPH 15 MPH.
MP 0.02 Barstow, EE passenger siding	
MP 0.0 Barstow, 2 crossovers	
MP 0.01 Barstow, yard entry	
MP 0.6 East D Yard, WE passenger siding	20 MPH.
MP 0.7 East D Yard, crossover	50 MPH.
MP 0.7 East D Yard, departure yard lead	
MP 0.8 East D Yard, turnout to No. 1 Main	
MP 0.9 East D Yard, turnout to No. 2 Main	50 MPH.
MP 0.9 East D Yard, inspection yard lead	50 MPH.
MP 2.6 West D Yard, turnout to No. 1 Main	
MP 2.7 West D Yard, turnout to No. 2 Main	
MP 2.7 West D Yard, inspection yard lead	
MP 2.7 West D Yard, north departure yard lead	50 MPH.
MP 2.8 West D Yard, south departure yard lead	50 MPH.
MP 2.8 to MP 2.9, 3 crossovers	50 MBH
	50 MPH
MP 3.4 Valley Jct., Mojave Subdiv. Jct	50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct	50 MPH. 25 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct	50 MPH. 25 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct	
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers	50 MPH. 25 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct	50 MPH. 25 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct	50 MPH. 25 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct	50 MPH. 25 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turmout, Leon Lead to Main 2	50 MPH. 25 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH. 10 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Lead to Main 2 MP 38.0 Frost, 2 crossovers	50 MPH. 25 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2. MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2. MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR	50 MPH. 25 MPH. 50 MPH. 20 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.7 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turmout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turmout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.3 Cajon, 2 crossovers MP 69.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 79.5 Seventh Street, turnout,	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.3 Cajon, 2 crossovers MP 69.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 79.5 Seventh Street, turnout,	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 55.9 Summit, 2 crossovers MP 69.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turmout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover	50 MPH. 25 MPH. 50 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.1 Summit, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout,	50 MPH. 25 MPH. 50 MPH. 10 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover	50 MPH. 25 MPH. 50 MPH. 10 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.1 Summit, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout,	50 MPH. 25 MPH. 50 MPH. 10 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4	50 MPH. 25 MPH. 50 MPH. 10 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other	50 MPH. 25 MPH. 50 MPH. 10 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.3 Cajon, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, turnout to Main 3 MP 79.8 Baseline, turnout to Main 3 MP 79.8 Daysover Support Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other MP 0.1 Needles Subdivision yard entry	50 MPH. 25 MPH. 50 MPH. 10 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other	50 MPH. 25 MPH. 50 MPH. 10 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 55.9 Summit, 2 crossovers MP 69.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other MP 0.1 Needles Subdivision yard entry Between First St. Bridge and Junction	50 MPH. 25 MPH. 50 MPH. 10 MPH. 10 MPH. 10 MPH. 10 MPH. 10 MPH. 10 MPH. 11 MPH. 11 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other MP 0.1 Needles Subdivision yard entry Batween First St. Bridge and Junction High and low leads	50 MPH. 25 MPH. 50 MPH. 40 MPH. 40 MPH. 15 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other MP 0.1 Needles Subdivision yard entry Between First St. Bridge and Junction High and low leads 2 Low lead  1	50 MPH. 25 MPH. 50 MPH. 40 MPH. 40 MPH. 40 MPH. 15 MPH. 25 MPH. 40 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other MP 0.1 Needles Subdivision yard entry Batween First St. Bridge and Junction High and low leads	50 MPH. 25 MPH. 50 MPH. 40 MPH. 40 MPH. 40 MPH. 15 MPH. 25 MPH. 40 MPH. 40 MPH.
MP 3.4 Valley Jct., Mojave Subdiv. Jct. MP 4.3 West R Yard, receiving yard lead MP 6.8 Lenwood, 2 crossovers MP 13.6 Hodge, 2 crossovers MP 29.4 East Oro Grande, 2 crossovers MP 34.5 East Victorville, crossover MP 34.7 East Victorville, turnout, Leon Lead to Main 2 MP 38.0 Frost, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 50.1 Lugo, 2 crossovers MP 55.9 Summit, 2 crossovers MP 65.3 Cajon, 2 crossovers MP 69.4 Keenbrook, 2 crossovers MP 69.6 turnout to UPRR MP 73.4 Verdemont, 2 crossovers MP 79.6 Baseline, turnout to Main 3 MP 79.8 Baseline, 2 crossovers MP 80.5 Seventh Street, turnout, Main 1 and yard lead MP 80.6 Seventh Street, crossover Main 2 to Main 1 MP 0.0 San Bernardino, turnout, Main 3 to Main 4  Speed—Other MP 0.1 Needles Subdivision yard entry Between First St. Bridge and Junction High and low leads 2 Low lead  1	50 MPH. 25 MPH. 50 MPH. 40 MPH. 40 MPH. 15 MPH. 15 MPH. 25 MPH. 40 MPH. 15 MPH. 15 MPH.

Barstow Yard, crossovers between

Cajon and Mojave Subdivs., yard entry

Speed restrictions, dynamic brake requirements, and special instructions governing the use of retainers for westbound freight trains operating between MP 56.6 and MP 78.0.

- Locomotive weight will not be included in train tonnage except for those units on which dynamic brake is inoperative.
- Speed Restrictions Westbound Freight Trains Main 2 between MP 56.6 and MP 61.5:

1(D).

- A. 20 MPH if train does not exceed 4,500 tons or 95
- B. 15 MPH if train exceeds 4,500 tons or 95 TOB.
- Cannot proceed if train exceeds 14,000 tons or 135 TOB.

Main 2 with helpers/distributed power between MP 56.6 and MP 61.5:

- 20 MPH if train does not exceed 4,500 tons or 95 TOB.
- B. 15 MPH if train exceeds 4,500 tons or 95 TOB.
- Cannot proceed if train exceeds 14,000 tons or 135 TOB.

Main 1 between MP 56.6 and MP 64.2X and on both tracks between MP 61.5 and MP 78.0:

- A. 30 MPH if train does not exceed 6,500 tons or 95 TOB.
- B. 20 MPH if train exceeds 6,500 tons or 95 TOB.
- Cannot proceed if train exceeds 16,000 tons or 135 TOB.
- D. 35 MPH for light engine consists.

Main 1 with helpers/distributed power between MP 56.6 and MP 61.5 and on both tracks between MP 61.5 and MP 78.0.

- A. 30 MPH if train does not exceed 6,500 tons or 135
- B. 25 MPH if train is between 6,500 tons and 12,000 tons and does not exceed 135 TOB.
- 20 MPH if train exceeds 12,000 tons and does not exceed 135 TOB.
- D. Cannot proceed if train exceeds 16,000 tons or 135 TOR

Exception: Westbound freight trains exceeding 16,000 tons or 135 TOB may operate through turnout to UPRR at CP 566 (MP 56.6). Train cannot proceed on this route if exceeding 17,000 tons or 143 TOB. Westbound freight trains departing Barstow in excess of 16,000 tons or 135 TOB must notify train dispatcher before passing Lenwood (MP 6.7).

Note: Westbound freight trains operating between MP 56.6 and MP 78.0 must have a properly functioning speed indicator on the controlling locomotive of the head-end consist.

- Dynamic Brake Requirements for Westbound Freight Trains: Train crews departing Barstow on westbound BNSF trains, via the Cajon Subdivision, must have in their possession a document from Barstow Diesel Service confirming that all dynamic brakes in their consist are known to be operative.
- 4. Before leaving Summit, it must be known that the lead locomotive in the consist has an operative extended range dynamic brake and that the locomotive consist has the minimum number of operative axles of dynamic brake. If the train does not meet the minimum requirement, the train must not proceed. A helper consist may be added to meet this requirement. This requirement must be met using the axle count of locomotives having operative extended range type dynamic braking only.

After leaving Summit, if the dynamic brake on the lead locomotive in the consist becomes inoperative, or if one trailing locomotive's dynamic brake becomes inoperative, and the loss of the dynamic brake causes the train to have less than the minimum required amount of dynamic brake axles, and the engineer has the train under control, the train may proceed without stopping.

When operating with basic dynamic brakes (other than extended range), retarding force decreases as train speed reduces below 18 MPH. Additional brake pipe reduction and/or increased dynamic braking effort may be necessary to control train speed.

Minimum required operative axles of dynamic brake for Main 2 between MP 56.6 and MP 61.5:

Tons Per Operative Brake (TOB)

Total Trailing Train Tonnage	TOB 75 or less	TOB 76 to 85	TOB 86 to 95	TOB 96 to 105	TOB 106 to 115	TOB 116 to 125	TOB 126 to 135
4,000 or less	10	12	14	16	18	18	20
4,001 to 5,000	12	14	18	20	20	22	24
5,001 to 6,000	14	18	20	22	24	26	28
6,001 to 7,000	16	20	22	24	28	30	32
7,001 to 8,000	16	22	24	28	32	34	36
8,001 to 9,000	18	24	28	32	36	38	40
9,001 to 10,000	20	26	32	36	38	42	44
10,001 to 12,000	24	32	38	42	46	50	52
12,001 to 14,000	28	36	42	48	54	58	60

The total minimum operative axles of dynamic brake for trains (including helpers) are in the body of the table. When using this table to determine TOB, round the figures up to the next whole number. For example, 105.1 TOB becomes 106 TOB.

Note: The maximum number of axles of dynamic brake that may be cut in on the lead consist of freight trains is 28 axles; except that solid double-stack trains and bulk commodity "unit" trains (i.e. coal, grain, potash, etc.) may operate with 32 axles of dynamic brake cut in on the lead consist

Minimum required operative axles of dynamic brake for Main 1 between MP 56.6 and MP 64.2X and on both tracks between MP 61.5 and 78.0:

Tons Per Operative Brake (TOB)

Total Trailing Train Tonnage	TOB 85 or less	TOB 86 to 95	TOB 96 to 105	TOB 106 to 115	TOB 116 to 125	TOB 126 to 135
4,000 or less	8	8	8	8	10	10
4,001 to 5,000	8	8	10	10	12	12
5,001 to 6,000	12	12	12	12	14	14
6,001 to 7,000	12	12	12	14	16	16
7,001 to 8,000	12	12	12	14	16	16
8,001 to 9,000	12	12	14	16	18	20
9,001 to 10,000	12	12	14	18	20	22
10,001 to 12,000	12	12	16	20	24	26
12,001 to 14,000	12	12	18	24	28	30
14,001 to 16,000	12	14	20	26	30	34

Total minimum operative axles of dynamic brake for trains (including helpers) is in the body of the table. When using this table to determine TOB, round the figures up to the next whole number. For example 105.1 TOB becomes 106 TOB.

Note: Maximum number of axles of dynamic brake which may be cut in on the lead consist of freight trains is 28 axles, except that solid double-stack trains may operate with 32 axles of dynamic brake on lead consist.

 West of MP 56.6, under certain conditions such as undesired emergency, break-in-two, emergency stop, etc., where it is necessary to hold the train while the brake system is being recharged, starting behind the lead locomotives, apply a sufficient number of hand brakes to hold the train.

The brake system must be fully charged, after which a brake pipe reduction must be made that is sufficient enough to hold the train while the hand brakes are being released. Before proceeding, all hand brakes must be released.

If the total brake pipe reduction exceeds 18 psi to control speed, the train must be stopped immediately.

To control train speed, a sufficient number of retainers (not less than 20), starting behind the lead locomotives, must be set in high-pressure position before releasing the train brakes.

Before proceeding, the brake system must be fully recharged. Excessive use of the engine brake is prohibited. If retainers are positioned before reaching Cajon, a 10-minute cooling stop must be made at Verdemont.

Trains operating with retainers must stop east of the controlled signal at Baseline and place the retainers in direct exhaust position before proceeding.

- The speed of trains must be controlled, at least in part with automatic air brake, when train tonnage exceeds: 2,500 tons on Main 2, between MP 56.6 and MP 62.5; 3,500 tons on Main 1, between MP 56.6 and MP 64.2X; and 4,500 tons on both tracks, between MP 62.5 and MP 78.0.
- Between MP 56.6 and MP 78.0, westbound freight trains containing more than one-half double-stack equipment are required to have RCE or helper locomotives at or near the rear of the train if the train exceeds an average of 100 TOB and exceeds 250 tons per operative axle of dynamic brake.

#### **Other Speed Restrictions**

Oro Grande, East Victorville, Victorville, Thorn, Keenbrook, Devore and Ono—The speed limit is 5 MPH on other than main tracks for locomotives in excess of four axles. (Except at Oro Grande, locomotives with more than four axles are prohibited from operating on Clic 8246 and Clic 8247 at Riverside Cement.)

#### Temperature 100 degrees or above

When the 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 38.2 to MP 54.5
 100 degrees F
 40 MPH.

 MP 62.2 to MP 80.8
 100 degrees F
 40 MPH.

Redlands Industrial Spur—From 1100 to 1900 hours, when the temperature is over 100 degrees F, the track is out of service until it is inspected.

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

Bridge and Equipment Weight Restrictions Maximum Gross Weight of Car

Barstow to San Bernardino ......143 tons, Restriction B

3. Type of Operation

CTC-in effect on Main Track:

Barstow to San Bernardino ...... MP 0.0 to MP 81.4

Rule 6.26—Multiple Main Tracks:

Barstow to San Bernardino ...... MP 0.0 to MP 81.4

## 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.
Rule 9.53 Flashing Yellow Over Lunar	Approach Thirty	Proceed; approach next signal not exceeding 30 MPH prepared to enter diverging route at prescribed speed, if exceeding 40 MPH, immediately reduce to that speed.

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

Rule 1.14—Union Pacific trains may use joint track between Barstow and San Bernardino.

Rule 6.26—Main tracks cross at grade separation, MP 39.1, and are designated as prescribed by Rule 6.26 above either side of crossing.

Redlands Industrial Spur—Trackage between San Bernardino, MP 0.0, and End of Track, MP 11.4, identified as Redlands Industrial Spur: Rule 6.28 is in effect. All switches must be left lined and locked for movement on Redlands Industrial Spur track.

Rule 104.3.1—If the train is stopped at Summit for any reason, an automatic brake application of not less than 10 psi must be made and not released until ready to proceed.

Rule 101.13—At Summit, westbound passenger trains must make a running air brake test between MP 55 and MP 56. Westbound freight trains operating between Summit and Cajon must make a running air brake test between Lenwood and Lugo, and in doing so must determine the following:

- A. Retarding force of air brake system.
- B. If equipped with a functioning ETD, that normal brake pipe pressure changes occur at the rear of the train.

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

- A. Protecting bridges, tunnels or other structures: None
- B. Other TWD locations

MP 8.5—Recall Code 8

MP 28.5—Recall Code 8

MP 32.7 (DED only)

MP 37.9 (DED only)

MP 42.9 (DED only)

MP 48.5-Recall Code 8

MP 52.8 (DED only)

MP 58.2X-Main 1 (DED only)

MP 58.6-Main 2 (DED only)

MP 64.7—Recall Code 8

#### 6. FRA Excepted Track

Rediands Industrial Spur-MP 0.0 to MP 11.4, all tracks.

#### 7. Special Conditions

 In the application of ABTH Rule 101.29.2—Testing Emergency Function—Item 3:

It must be known that it is possible to effect an emergency application of the air brakes from the rear of the train using the two-way ETD equipment, manned helper locomotive, caboose valve, remote-controlled locomotive or passenger equipment. This emergency air brake application must be made after all other air brake tests have been completed and MUST be propagated through the entire train.

Before departing Amtrak Station, Barstow Lenwood Road Crossing or Yermo, freight trains must obtain a signed ETD Certification Form, documenting that the two-way ETD is armed and that the battery is fully charged. This form must be kept on the controlling locomotive of the train with the daily inspection report.

Westbound freight trains operating between Summit and Baseline that are experiencing air brake problems MUST STOP immediately using an emergency air brake application, if necessary, and must secure the train. The train must not proceed until the air brake system is repaired.

At Summit, freight trains required to stop before descending the grade must recharge the train brake system before proceeding.

Freight trains that exceed the maximum authorized speed by 5 MPH must stop by using an emergency application of the air brakes.

All trains operating between Needles and Bakersfield will be required to have in their possession a two-way ETD Certification Form stating that the two-way emergency air test has been performed either at Belen or Bakersfield. This will relieve crews from complying with a two-way test at Barstow. This does not apply to trains originating at Barstow.

2. Automatic Brake Valve Cutout Valve Position When operating westward freight trains on the Cajon Subdivision, place the automatic brake valve cutout valve in FRT position. In the event of equalizing reservoir leakage while operating between Summit and Baseline, the train MUST BE STOPPED. After stopping, the train must be properly secured and the automatic brake valve cutout valve placed in PASS position. The train brake system must be fully charged before proceeding.

A radio report must be made promptly to the Mechanical Desk, Fort Worth, and Form 1226-B Std. "Locomotive Inspection Form" must be completed and turned in at conclusion of the trip.

- Westbound freight trains departing Barstow must notify the Cajon Subdivision dispatcher of the following information:
  - Work to be performed on the Cajon Subdivision and at San Bernardino.
  - 2. If the train qualifies for Main 2.
- Close clearance overhead and side obstructions that impair clearance:

#### Victorville

Southwestern Portland Cement Co. "A" track (CLIC 8274), "B" track (CLIC 8275)

#### Hesperia

Don Oakes Lumber Company (CLIC 8323)

#### **Long Mile Post Condition**

Between MP 0.0 to MP 3.0, each mile is 6495 feet. Between MP 3.0 to MP 4.0, each mile is 5821 feet.

#### 8. Line Segments

Yard Line Segments

Line Segment Limits

7253 ..... Barstow Yard

7650 ...... San Bernardino Yard

### **Road Line Segments**

Line Segment Limits

7600 ...... Barstow to National City

7601 ...... Hesperia to Cushenbury

7603 ...... San Bernardino to MP 11.4

### 9. Locations Not Shown as Stations

Name		Mile Post Location	Capacity Feet	Switch Opens
Helendale	(Main 1) (Main 2)	21.1 21.1	640 937	Both
Oro Grande	(Main 1) (Main 2)	31.5 31.5	2,591 2,145	Both
Victorville	(Main 1) (Main 2)	36.7 36.7	4,750 4,700	Both
Thorn	(Main 1)	41.1	3,635	Both
Hesperia	(Main 2)	45.1	6,760	Both
Martinez Spur	(Main 1)	54.2	3,270	East
Summit	(Main 1) (Main 2)	55.7 55.7	220 220	Both
Alray	(Main 1)	59.7X	820	East
Cajon	(Main 1)	64.3X	1,025	Both
Old Keenbrook	(Main 1)	67.3	100	West
Devore	(Main 2)	71.0	1,200	Both
Cargill	(Main 1)	72.5	3,301	Both
Ono	(Main 1)	75.0	1,960	East
Redlands Industrial Spur		0.0	11.4 miles	West

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<b>ADDY</b> SHORE	Length of Siding (Feet)	Station Nos.	Mile Post	Harbor Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Line Segment	Miles to Next Stn.	*EAST SARC
	-	23550	0.0	REDONDO JCT.	JCMPTR			1.5	1
			1.5	MALABAR	R			1.0	
		21630	2.5	UP RRX NADEAU	A R			0.3	
			2.8	UP RRX	Α			0.7	1
		21650	3,5	WINGFOOT	R			2.5	
		21660	6.0	WILDASIN	R			1.3	
		21670	7.3	VAN NESS	R			0.7	1
		21680	8.0	HYDE PARK	R			0.24	1
			8.2	ORTIZ		<u> </u>		1.66	l
		21690	9.9	INGLEWOOD		TWC		2.1	
			12.0	WILLIAMS				1.6	1
	4,962	21710	13.6	LAIRPORT	R		7604	1.0	1
			14.6	UP RRX	R		7604	0.2	
-		21720	14.8	EL SEGUNDO	TR			1.8	
		21770	16.6	LAWNDALE	R			3.5	
		21780	20.1	ALCOA	R			1.6	
		21830	21.7	TORRANCE	R			1.6	
		21820	23.3	IRONSIDES	R			3.3	
		22100	26.6X	WATSON	JBCPTR			1.4	
		22240	28.0	WILMINGTON	R			2.0	
		21840		PIER A YARD	TR			1.1	
		22475	27.6	WEST THENARD UP RRX	JRA			0.6	
			28.3	LONG BEACH JCT.	JR			1.9	
		22500		LONG BEACH	R	PHL		33.6	

			Tone	Call-i	n	
RADIO COMMUNICATION	СН	DS	sc	МС	CSS	EMER
Redondo Jct. to MP 8.23	36	1	3	4	5&7	9
MP 8.23 to West Thenard	72	1	3	4	5&7	9
Pacific Harbor Line	58	-	-	-	-	-

#### Speed Regulations

### 1(A). Speed---Maximum

	, reidir
Harbor Subdivision	20 MPH.
Alcoa Spur	10 MPH.

#### 1(B). Speed—Permanent Restrictions

MP 0.0 to MP 1.6	12 MPH.
MP 1.6 to MP 10.1	15 MPH.
MP 2.5, Nadeau	10 MPH.
MP 14.6 RRX (HE Only)	10 MPH.

## 1(C). Speed—Switches and Turnouts

riandor dabarriador	***************************************	10 1111 71.

#### 1(D). Speed-Other

Loaded slab train	30 MPH.
Locomotive cranes/pile drivers, AT-199454	
through AT-199468 and Jordan spreaders	20 MPH.

When ambient temperature reaches 100 degrees F after 1400 hours, train speed is restricted to 10 MPH with continuous patrols.

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

#### 2: Bridge and Equipment Weight Restrictions Maximum Gross Weight of Car

Redondo Jct. to Long Beach ...... 143 tons, Restriction A

#### 3. Type of Operation

Restricted Limits-in effect:

Redondo Jct. to Ortiz	MP 0.0 to MP 8.24
Williams to Watson	MP 12.0 to MP 26.6
Watson to Long Beach	MP 26.6 to UP
Watson to Anaheim Street	MP 26.6 to MP 28.0X

TWC-in effect:

MP 8.24 (Ortiz) to MP 12.0 (Williams)

Pacific Harbor Line—Employees operating on the PHL must have in their possession the current PHL Timetable and Special Instructions. Trains, engines and equipment must have permission from PHL control operator before passing West Thenard or Anaheim St.

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

Rule 9.13—When crank type dual control switches controlled by Redondo Jct. are used in hand position, switches must not be returned to motor position until movement is clear of switches

Light indicators are located between Malabar and Nadeau for westward movement at MP 1.7 with 1000-foot approach circuit, and for eastward movement at MP 2.3 with 1000-foot approach circuit. The indicators are lighted continuously, displaying a Red aspect; except when engines or cars foul the approach circuit, the indicator will display a Green aspect if limits are unoccupied. If the indicator does not change to a Green aspect when engines or cars foul the approach circuit, a stop must be made. After stopping, the train or engine may proceed. Within these limits, the Main Track must be continuously occupied, or the switch for track CLIC 2809 must be left open. Track CLIC 2809 must not be used by trains, engines or equipment to clear the Main Track.

#### 5. Trackside Warning Detectors (TWD)—None

#### 6. FRA Excepted Track-None

#### 7. Special Conditions

10 MPH

In the application of ABTH Rule 101.29.2—Testing Emergency Function—Item 3:

It must be known that it is possible to effect an emergency application of the air brakes from the rear of the train using the two-way ETD equipment, manned helper locomotive, caboose valve, remote controlled locomotive or passenger equipment. This emergency air brake application must be made after all other air brake tests have been completed and MUST be propagated through the entire train.

Harbor Subdivision—All movements between West Thenard and Port of Long Beach, West Thenard and Port of Los Angeles, Watson Yard at Anaheim Street and Pasha Terminal Figueroa Street, must be cleared through the Pacific Harbor Line Railway assistant trainmaster at Badger Bridge on Channel 58 when operating in both directions. Do not pass the automatic interlocking at Thenard without clearance from Badger Bridge.

When operating between MP 502.1, Port of Long Beach, and Long Beach Yard Anaheim Street, permission must be granted from the Dolores yardmaster for movement in this territory.

Pacific Harbor Line—Pacific Harbor Line Timetable No. 1, in effect 0001 hours, February 15, 1998. When operating on this territory, employees must have a copy of this timetable and Pacific Harbor general orders in their possession.

8. Other Line Segments
Yard Line Segments
Line Segment Limits

7653 ..... Wilmington Yard

Road Line Segments Line Segment Limits

7604 ...... Redondo Jct. to Long Beach Jct.

9. Locations Not Shown as Stations-None

### SOUTHERN CALIFORNIA DIVISION—No. 5—December 12, 1999—Lucerne Valley Sub.

WEST ¥ ARD →	Length of Siding (Feet)	Station Nos.	Mile Post	Lucerne Valley Subdivision BRANCH LINE STATIONS	Rule 4.3	Type of Oper.	Line Segment	Miles to Next Stn.	<b>◆EASTWARD</b>
	2,900	19060	29.2	CUSHENBURY	R			3.1	1
	700		26.1	SPUR 5	R		7601	26.1	1
		19055	0.0	HESPERIA	R			29.2	1

	Tone Call-In					
RADIO COMMUNICATION	СН	DS	SC	МС	CSS	EMER
Cushenbury to Hesperia	72	1	3	4	58.7	9

#### 1. Speed Regulations

#### 1(A). Speed---Maximum

### 1(B). Speed—Permanent Restrictions

MP 4.1 to MP 4.4 ...... 10 MPH.

#### 1(C). Speed—Switches and Turnouts

Lucerne Valley Subdivision ...... 10 MPH.

#### 1(D). Speed-Other

From 1100 to 1900, if ambient temperature is over 100 degrees F, track is out of service unless train is preceded by train inspector, then movement is restricted to 10 MPH.

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

### 2. Bridge and Equipment Weight Restrictions

**Maximum Gross Weight of Car** 

Cushenberry to Hesperia ...... 143 tons, Restriction D

#### 3. Type of Operation

Restricted Limits-in effect:

Cushenbury to Hesperia ...... MP 29.2 to MP 0.0

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

#### 7. Special Conditions

Spur 4 Pluess-Staufer (CLIC 8417, CLIC 8422) has impaired clearance

Cushenbury—Tracks 8446, 8447 and Scale Track have impaired clearance.

On tracks 8441 and 8442, employees are prohibited from switching cars other than gondola and hopper type, and from riding on top of cars. No employees shall position themselves higher than the brake platform in the operation of the hand brake.

#### 8. Line Segments

**Road Line Segments** 

Line Segment Limits

7601 ...... Hesperia to Cusheribury

#### 9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens	
Bass	15.5	700	Both	
Pleuss-Staufer, Inc.	23.5	884	West	
Chas. Pfizer and Co., Inc.	26.2	1,300	East	

Length of Siding (Feet)	Station Nos.	Mile Post	Needles Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Line Segment	Miles to Next Stn.
	19800	578.0	NEEDLES	BCPT			(1) 2.2 (2) 2.1
		580.2	WEST NEEDLES		2MT		5.4
	19795	585.6	JAVA		СТС		6.8
	19790	592.3	IBIS				(1) 5.4 (2) 4.6
	19785	597.0	BANNOCK	Х			4.6
(1)6,716	19780	601.5	HOMER	х			7.5
(1)9,218 (2)7,254	19775	609.1	GOFFS	х			9.7
	19770	618.7	FENNER	×			7.5
(2)5,369	19765	626.2	ESSEX	x			8.5
(2)5,841	19760	634.7	DANBY	×			13.4
(1)9,328 (2)9,292	19295	648.1	CADIZ	PTX	DT		10.3
(2)2,590	19290	658.4	SALTUS	х	TWC ABS		3.1
(1)5,296 (2)5,406	19265	661.5	AMBOY	х			7.8
(2)5,022	19280	669.3	BAGDAD	х		7200	7.4
(1)6,746	19275	676.6	SIBERIA	х		7200	(1) 9.5 (2) 7.7
(1)9,000 (2)7,113	19265	686.7	ASH HILL	ΤX			6.7
(2)///	19260	693.4	LUDLOW	x			13.2
(1)6,605 (2)9,592	19250	706.6	PISGAH	х			6.2
(=)0,002	19245	712.8	HECTOR	х			11.5
		724.3	CP 7245	x			1.3
(1)7,352 (2)5,363	19240	725.6	NEWBERRY	х			11.7
(=)0,000		725.7	CP 7257	х			0.1
		727.2	CP 7272	X			4.0
···		731.2	CP 7312	х	2MT		6.1
	19215	737.3	DAGGETT	J	стс		2.3
		739.6	WEST DAGGETT				4.0
		743.6	EAST BARSTOW	х			2.3
	19000	745.9	BARSTOW Main 1 (168.7), Main 2 (166.0)	ВСРТХ			178.5

	Tone Call-In					
RADIO COMMUNICATION	СН	DS	sc	мс	css	EMER
Needles to East Barstow	55	1	3	4	58.7	9
East Barstow to Barstow	32	1	3	4	58.7	9

#### 1. Speed Regulations

### 1(A). Speed-Maximum

	Passenger	rreignt
Main 1	_	-
Needles to Goffs	79 MPH	55 MPH.*%
Goffs to Bagdad	90 MPH	55 MPH.*%
Bagdad to Pisgah		
Pisgah to Daggett	90 MPH	55 MPH.*%
Daggett to Barstow		
Main 2		
Barstow to Daggett	79 MPH	55 MPH.*%
Daggett to Pisgah	90 MPH	55 MPH.*%
Pisgah to MP 685.8		
MP 685.8 to MP 671.4	79 MPH	45 MPH.
MP 671.4 to Bagdad	79 MPH	55 MPH.*%
Bagdad to MP 646.1	90 MPH	55 MPH.*%
MP 646.1 to Needles	79 MPH	55 MPH.*%
Both Tracks		
Daggett to Ibis against the current of traffic	59 MPH	49 MPH.%

Daggett to loss against the current of traffic ..... 59 MPH. ..... 49 MPH.%

\* See System Special Instructions Item 1(B).

% See System Special Instructions Item 1, Maximum Speeds Permitted.

Speed limit freight trains, with dynamic brakes not in use: 30 MPH on descending grades:

Westward

vard Eastward

MP 611.0 to MP 635.0 MP 706.5 to MP 713.0 MP 700.0 to MP 694.0 MP 686.5 to MP 669.5 MP 607.4 to MP 578.0

Light engines without dynamic brakes in use: 24 MPH on descending grades:

Eastward

Ash Hill to Bagdad and Goffs to Needles

Note: Eastward freight trains must not exceed 60 MPH between Goffs and Needles, and are further restricted to 45 MPH if any of the following apply:

- Train averages more than 80 TOB.
- · Train exceeds 5,500 tons.
- Tonnage (including locomotives without operative dynamic brake) exceeds 300 tons per axle of operative dynamic brake, using the table in System Special Instructions Item 2(C).

## 1(B). Speed—Permanent Restrictions Main 1

Main 1	
MP 578.1 (HE only)	
MP 578.0 to MP 579.4	50 MPH 40 MPH.
MP 579.4 to MP 582.7	45 MPH 40 MPH.
MP 582.7 to MP 584.5	
MP 584.5 to MP 587.0	
MP 587.0 to MP 587.8	
MP 587.8 to MP 589.3	
MP 589.3 to MP 592.7	
MP 592.7 to MP 593.3	
	60 МРП 30 МРП.
MP 593.3 to MP 593.8	00 MOUL 00 MOUL
Protected by Inert ATS Inductors	
MP 593.8 to MP 597.8	65 MPH 55 MPH.
MP 597.8 to MP 599.1	
MP 599.1 to MP 601.5	
MP 608.2 to MP 609.1	70 MPH.
MP 609.1 to MP 609.7	80 MPH.
MP 618.9 to MP 619.2	85 MPH.
MP 638.8 to MP 639.2	85 MPH.
MP 642.4 to MP 642.7	85 MPH.
MP 644.8 to MP 646.2	75 MPH.
MP 671.5 to MP 674.0	
MP 674.0 to MP 678.1	
MP 678.1 to MP 680.3	
MP 680.3 to MP 682.7	
MP 682.7 to MP 683.5	
MP 683.5 to MP 686.2	
MP 688.4 to MP 689.5	
MP 692.9 to MP 693.7	70 MPH 65 MPH.
MP 693.7 to MP 695.0	
Protected by Inert ATS Inductors	45 MPH 45 MPH.
MP 695.0 to MP 696.1	
MP 696.1 to MP 700.4	65 MPH 55 MPH.
MP 700.4 to MP 702.0	55 MPH 55 MPH.
MP 707.8 to MP 710.6	70 MPH 65 MPH.
MP 710.6 to MP 711.6	80 MPH.
MP 745.0 to MP 745.9	50 MPH 50 MPH.
Main 2	
MP 745.9 to MP 745.0	50 MPH 50 MPH.
MP 711,6 to MP 710.6	
MP 710.6 to MP 708.2	
MP 708.2 to MP 707.8	
MP 702.0 to MP 701.5	
MP 701.5 to MP 700.4	
MP 699.2 to MP 696.2	70 MPH.
MP 696.2 to MP 694.9	60 MPH 55 MPH.
MP 694.9 to MP 693.6	
Protected by Inert ATS Inductors	
MP 693.6 to MP 692.8	
MP 689.5 to MP 688.4	60 MPH 55 MPH.
MP 688.4 to MP 685.8 curve, grade	
MP 685.8 to MP 683.4 curve, grade	
MP 683.4 to MP 680.7X curve, grade	
Protected by Inert ATS Inductors	50 MPH.
MP 680.7X to MP 678.3X curve, grade	75 MPH.
MP 678.3X to MP 677.8 curve, grade	
MP 677.8 to MP 676.9 curve, grade	
MP 676.9 to MP 671.4 curve, grade	
MP 639.2 to MP 638.8	
MP 625.5 to MP 625.3	75 MPH.

1.m. 201 01 1.m. 010 0	75 MOL 05 MOL
MP 624.6 to MP 618.9	
MP 612.2 to MP 611.0	. 75 MPH 65 MPH.
MP 611.0 to MP 609.2	65 MPH.
MP 609.2 to MP 608.3	. 70 MPH.
MP 601.5 to MP 599.1	. 70 MPH.
MP 599.1 to MP 597.7	. 65 MPH.
MP 597.7 to MP 595.2	. 75 MPH.
MP 591.4 to MP 589.3	
MP 589.3 to MP 587.8	. 55 MPH 50 MPH.
MP 587.8 to MP 587.0	. 45 MPH, 45 MPH.
MP 587.0 to MP 585.2	. 65 MPH 50 MPH.
MP 585.2 to MP 583.2	. 50 MPH 50 MPH.
MP 583.2 to MP 582.3	. 55 MPH 50 MPH.
MP 582.3 to MP 578.0	. 60 MPH 50 MPH.
MP 578.1 (HE only)	. 30 MPH 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 578.4 Needles, crossover,

MF 376.4 Needles, Clussover,				
freight lead to Main 1				
MP 578.4 Needles, crossover				
West Needles, WE freight lead				
West Needles, 2 crossovers				
lbis, 2 crossovers				
CP 7245, 2 crossovers	50	MPH.	 50 MI	PH.
CP 7257, 2 crossovers				
CP 7272, 2 crossovers	50	MPH.	 50 Mi	PH.
CP 7312, 2 crossovers				
Daggett, 2 crossovers				
Daggett, turnout, Main 1 to UP No. 2 Track,				
Daggett, crossover, Main 1 to UP No. 1 Track	40	MPH.	 40 MI	PH.
West Daggett, turnout,				
Main 1 to UP No. 1 Track				
East Barstow, 2 crossovers				
East Barstow, auxiliary yard entry	30	MPH.	 30 M	PH.
Barstow, EE passenger siding				
Barstow, crossover				
Barstow, yard entry	50	MPH.	 50 MI	ΡН.
Barstow Yard, EE and WE inspection				
yard tracks 1101, 1102, 1103	50	MPH.	 50 MI	PH.
Barstow Yard, Jct., high and low leads				
on Needles Subdiv., yard entry track	25	MPH.	 25 M	PH.
Barstow Yard, crossovers between				
Cajon and Mojave Subdiv., yard entry				
tracks, power switches	25	MPH.	 25 M	PH.
Barstow Yard, EE and WE all receiving				
yard tracks, power switches	25	MPH.	 25 MI	PH.
Barstow Yard, EE departure yard tracks				
1201 through 1205, power switches	25	MPH.	 25 M	PH.
Barstow Yard, WE all departure yard tracks,				
power switches	25	MPH.	 25 M	PH.
Barstow Yard, crossover between North				
Departure Lead and South Departure Lead,				
WE departure yard, power switches	25	MPH,	 25 M	PH.
Barstow Yard, crossover between				
WE inspection yard track 1103				
and WE departure yard track 1201,				
power switches	25	MPH.	 25 M	PH.
Barstow Yard, EE departure yard tracks				
1206 through 1210, power switches	15	MPH.	 15 M	PH.
Speed—Other				

## 1(D).

١.	Speed—Other		
	Bridge 694.7, cars heavier than 143 tons	25 MPH	25 MPH.
	Barstow Yard:		
	MP 0.1, passenger siding over		
	switch No. 0142	15 MPH	15 MPH.
	MP 0.4 Needles Subdivision yard entry		
	Between First St. Bridge and Junction		
	High and low leads	25 MPH	25 MPH.
	Low lead	15 MPH	15 MPH.
	Balloon track	10 MPH	10 MPH.

#### Temperature 100 degrees or above

When the 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

<u>Limits</u>	Threshold Temperature	Speed
MP 578.4 to MP 650.5	110 degrees F	40 MPH.
MP 669.7 to MP 712.6	110 degrees F	40 MPH.

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

#### **Bridge and Equipment Weight Restrictions** Maximum Gross Weight of Car

Needles to Barstow ...... 143 tons, Restriction A

#### **Type of Operation**

Crews operating between Ibis and CP 7245 are required to obtain a track warrant listing bulletins and a track warrant with authority before leaving the terminal, unless otherwise instructed by the train dispatcher.

#### 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.
Rule 9.53 Flashing Yellow Over Lunar	Approach- Thirty	Proceed; approach next signal not exceeding 30 MPH prepared to enter diverging route at prescribed speed, if exceeding 40 MPH, immediately reduce to that speed.

CTC—in effect on Main Track:  Needles to Ibis  CP 7245 to Barstow	
CTC—in effect on Freight Lead: East Needles to West Needles	. MP 574.8 to MP 580.2
TWC—in effect: Ibis to CP 7245	MP 592.3 to MP 724.3
ABS—in effect: Ibis to CP 7245	. MP 592.3 to MP 724.3
Rule 6.26—Multiple Main Tracks Needles to Ibis	
Rule 6.24—Double Tracks—Crossove	
Station         MP         Points           Bannock         597.0         Trailing           Homer         601.2         Trailing           Goffs         609.1         Trailing           Fenner         618.6         Trailing           Essex         626.2         Trailing           Danby         634.6         Trailing           Cadiz         646.7         Facing           Cadiz         648.6         Trailing           Saltus         658.5         Trailing           Amboy         662.2         Trailing           Bagdad         669.9         Trailing           Bagdad         669.9         Facing           Siberia         677.3         Facing           Siberia         677.4         Trailing	

Ash Hill ...... 686.4 ..... Trailing ...... 10

Ludlow ....... 693.3 ...... Trailing ....... 10

Pisgah	707.8	Trailing 10
Hector	711.8	Facing 10
Hector	712.5	Trailing 10
Newberry	725.4	Trailing 10
- 	727.3	Trailing 10

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

Rule 1.14—Union Pacific trains may use joint track between Daggett and Barstow. BNSF trains may use A&C RR main track between MP 189 and MP 190, under the provisions of Rule 6.13. A&C RR trains may use Main 2 siding and yard tracks 6476 and 6478 at Cadiz.

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

Rule 6.19—Flag protection as prescribed in Rule 6.19 is authorized.

Rule 6.25—Movements against the current of traffic. Spring switches are located as follows:

Rule 12.1—ATS in effect on Main 1, Goffs to Bagdad and Pisgah to CP 7245, and CP 7245 to Daggett in westward direction only; and on Main 2, Daggett to CP 7245 in eastward direction only, CP 7245 to Pisgah, and Bagdad to MP 646.1.

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

A. Protecting bridges, tunnels or other structures: None

3. Other TWD locations

MP 584.6—Recall Code 8

MP 600.7—Recall Code 0

MP 614.9—Recall Code 0

MP 628.1-Recall Code 8

MP 644.5-Recall Code 0

MP 651.0-Main 2-Recall Code 8

MP 665.0-Recall Code 0

MP 690.7—Recall Code 8

MP 711.1—Recall Code 0

MP 733.3—Recall Code 8

C. Other detectors

MP 587.9—High Water

WWD signals 5861, 5863

EWD signals 5892,5894

MP 642.9—High Water

WWD signal 6421

EWD signal 6442

#### 6. FRA Excepted Track—None

## 7. Special Conditions

East Needles-Ibis

Key controllers, entering double track against the current of traffic:

After obtaining track warrant authority to move against the current of traffic, the train dispatcher will issue permission and the key controller must be operated at the controlled signal governing movement against the current of traffic, to obtain the signal indication.

The key controller is located on the side of the instrument case. The key controller may be operated only after receiving permission from the train dispatcher.

Train VVCPHX: Do not exceed 20 MPH between MP 686.0 and MP 677.0.

#### **Bridge 642.9**

On the Needles Subdivision between Cadiz and Danby, trains operating against the current of traffic approaching Bndge 642.9 must stop and make a thorough examination to determine that the bndge has not been weakened by high water, unless block signals 6421 or 6442 on the adjacent track can be seen to display an aspect other than red. Block signals 6401, 6421, 6442 and 6462 are continuously lighted for this purpose.

#### Saltus

Six-axle locomotives must not operate on West Salt Spur, CLIC 6491.

All safety hub (flop-over) switches on the Needles Subdivision are considered "rigid" and must not be run through.

Do not leave cars, locomotives or any other equipment on CLIC tracks 7276 and 7277 at Newberry unless permission is obtained from the train dispatcher.

### 8. Line Segments

Yard Line Segments

Line Segment Limits

7253 ...... Barstow Yard

#### **Road Line Segments**

Line Segment Limits

7200 ..... Needles to Barstow MP 578.0 to MP 745.9

#### 9. Locations Not Shown as Stations

Name	Mile Post Location	Capacity Feet	Switch Opens	
Klondike (Main 1)	MP 682.0	345	West	
Lavic (Main 2	MP 702.7	235	East	
Cool Water (Main 1)	MP 735.9	300	West	
Nebo (Main 2)	MP 741.6	5,488	Both	

Length of Siding   Station   Mile   Subdivision   MAIN LINE   STATTONS   Subdivision   MAIN LINE   STATTONS   SAN BERNARDINO   JSCMPT-   X(2)   MILE   MIL										
19100   0.0   SAN BERNARDINO   JBCMPT   AMT CTC   CTC     19140   2.2   RANA   X(2)   CTC     2.9   CP 29   JX   CTC     25045   3.2   COLTON (UP RRX)   M   CTC     4,490   4.2   WEST COLTON   JX   CTC     6.1   CP 61   X	<b>₹ 10 10 10 10 10 10 10 10 10 10 10 10 10 </b>	of Siding			Subdivision MAIN LINE		of		to Next	<b>◆EASTWARD</b>
19140   2.2   RANA   X(2)   3MT   CTC	1			-	SAN BERNARDINO	JBCMPT-	4MT			ľ
2.9   CP 29   JX   CTC			19140	2.2	RANA	X(2)			0.7	
19	ı			2.9	CP 29	JX			0.3	
1.9	1		25045	3.2	COLTON (UP RRX)	м	2MT		1.0	
25065 6.7   HIGHGROVE   3MT   0.1   0.1   0.1   0.1   0.1   0.1   0.1   0.7   0.7   0.6   0.7   0.6   0.7   0.6   0.7   0.6   0.7   0.9		4,490		4.2	WEST COLTON	JX	СТС		1.9	l
25200   9.8   RIVERSIDE   3MT   CTC   0.7	١			6.1	CP 61	×			0.6	ı
9.9   TENTH STREET   0.7   3.4			25065	6.7	HIGHGROVE				3.1	
9.9   TENTH STREET   0.7   3.4   7602   1.1   3.4   1.5	-		25200	9.8	RIVERSIDE				0,1	
25210	1			9.9	TENTH STREET				0.7	
15.1   CP 151   X   2.9	1			10.6	WEST RIVERSIDE	×			3.4	
18.5			25210	14.0	CASA BLANCA			7602	1.1	
25250   21.4   MAY   X   2MT   CTC				15.1	CP 151	x			3.4	
8,059 25255 22.8 PORPHYRY	-			18.5	LA SIERRA		·		2.9	ı
1.3   1.3	-		25250	21.4	MAY	×			1.4	
27.2   WEST CORONA		8,059	25255	22.8	PORPHYRY		0.0		1.3	
25265   29.4   PRADO DAM   X   3MT   CTC   CTC	T		25260	24.1	CORONA				3.1	
25270   35.8   ESPERANZA   X   CTC				27.2	WEST CORONA				2.2	
25270   35.8   ESPERANZA   X   CTC   4.8	-		25265	29.4	PRADO DAM	х	3MT		6.4	
23200   45.5   FULLERTON JCT.   JBCPX   3MT   CTC			25270	35.8	ESPERANZA	. <b>X</b>	стс		4.8	
23200   165.5   FOLLERTON JCT.   JBCPX   CTC   2.5			25274	40.6	ATWOOD	JX	2MT CTC		4.9	
23160   163.0   BASTA   X   2.7			23200		FULLERTON JCT.	JBCPX	3MT CTC		2.5	ŀ
21340   157.7   LA MIRADA   TX     1.6     (1)4,150     156.1     NORWALK       2.0       (2)3,432     155.0   SANTA FE SPRINGS   X   2MT   CTC     (2)3			23160	163.0	BASTA	X			2.7	
(1)4,150			23148	160.3	BUENA PARK	×			2.6	
155.0   SANTA FE SPRINGS   X   2MT   CTC			21340	157.7	LA MIRADA	TX			1.6	
23120   153.0   LOS NIETOS (UP RRX)   M		(1)4,150 (2)3,432		156.1	NORWALK				1.1	
23120   153.0   LOS NIETOS (UP RRX)   M				155.0	SANTA FE SPRINGS	×	2MT		2.0	
23100   150.9   PICO RIVERA   BCPT     7600     1.1	1		23120	153.0	LOS NIETOS (UP RRX)	М	0.0		0.9	
23100   150.9   PICO RIVERA   BCPT   1.1	-		23110	152.1	DT JCT. (UP RRX)	MX		7600	1.2	
148.5   COMMERCE   X   3MT   CTC   1.3			23100	150.9	PICO RIVERA	BCPT			1.1	
147.3   EASTERN AVE.   X(2)   3MT   CTC   1.3			23039	149.8	BANDINI	×			1.3	
147.3   EASTERN AVE.   X(2)   CTC   1.3				148.5	COMMERCE	х			1.2	
144.5 HOBART TWR. (UP RRX) JCMX 2MT CTC 1.3				147.3	EASTERN AVE.	X(2)			1.3	
CTC			23000	146.0	HOBART	BCPX(2)			1.5	
				144.5	HOBART TWR. (UP RRX)	JCMX			1.3	
			23550	143.2	REDONDO JCT. (UP RRX)	JCMPT	510		68.4	

	Tone Call-In					
RADIO COMMUNICATION	СН	DS	sc	МС	css	EMER
San Bernardino to MP 10.6	72	1	3	4	5&7	9
MP 10.6 to Redondo Jct.	36	1	3	4	5&7	9

#### 1. **Speed Regulations**

### 1(A). Speed-Maximum

•	Passenger	Freight
San Bernardino to Fullerton Jct	60 MPH	. 50 MPH.#
Fullerton Jct. to MP 144.5	79 MPH	. 50 MPH.#
MP 144.5 to Redondo Jct	65 MPH	. 50 MPH.#
San Jacinto Industrial Spur, MP 0.0 to MP 3.6		20 MPH.
MP 3.6 to MP 7.0		15 MPH.
MP 7.0 to MP 14.2		20 MPH.
MP 14.2 to MP 38.3		10 MPH.
3M Spur		10 MPH.
# See System Special Instructions Item 1(C).		

System Special Instructions Item 1(C) is in effect between CP Rancho and Arcadia on Metrolink tracks.

	Arcadia on Metrolink tracks.		
4/D)	Speed Barmanant Bartriations		
1(6).	Speed—Permanent Restrictions		45 MDU
	MP 0.0 to MP 0.9, Main 4		
	MP 0.9 to MP 2.2, Main 4		
	MP 2.2 to MP 3.2, Main 1 and 2		
	MP 3.2 to MP 4.0		
	MP 6.6 to MP 6.8		
	MP 8.3 to MP 8.5		
	MP 9.3 to MP 9.6		
	MP 11.8 to MP 12.5		
	MP 15.4 to MP 15.9		
	MP 15.9 to MP 16.7		
	MP 16.7 to MP 17.1		
	MP 31.4 to MP 31.6		
	MP 31.6 to MP 32.8		
	MP 32.8 to MP 34.4		
	MP 34.4 to MP 35.1		
	MP 35.9, Main 2 (switch)		
	MP 42.7 to MP 43.6 (HER) 50 MP		
	MP 45.2 to MP 45.7 50 MP		
	MP 165.2 to MP 164.7 (HER) 50 MP		
	MP 165.0 to MP 164.4		
	MP 163.8 to MP 163.5		
	MP 161.1 to MP 160.8 70 MP	H.	
	MP 156.6 to MP 155.9		
	MP 154.2 to MP 153.8		
	MP 153.0 RRX 50 MP	Н	30 MPH.
	MP 152.9 to MP 152.5 70 MP		
	MP 152.1 RRX 30 MP	Н	30 MPH.
	MP 151.7 to MP 151.4 65 MP	H.	
	MP 148.5, Main 2 (switch)	Н	40 MPH.
	MP 144.5 to MP 144.9, Main 2 and 3 40 MP		
	MP 144.5 to MP 143.4 30 MP	Н	30 MPH.
	MP 143.4 to MP 142.9,		
	Protected by Inert ATS Inductors 15 MP	Η	15 MPH.
	Trains and engines using auxiliary tracks		
	must not exceed turnout speed for that track		
	unless otherwise indicated.		
	unless otherwise indicated. MP 0.0 San Bernardino, turnout,		15 MPH.
	unless otherwise indicated. MP 0.0 San Bernardino, turnout, Main 3 and 4		15 MPH.
	unless otherwise indicated. MP 0.0 San Bernardino, turnout,		
	unless otherwise indicated. MP 0.0 San Bernardino, turnout, Main 3 and 4 MP 0.1 San Bernardino, passenger movements		
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4		15 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4		15 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4		15 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight mover routed to or from passenger yard or flyover, double slip switch  MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead		15 MPH. 10 MPH. 30 MPH. 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Avito Facility Lead		15 MPH. 10 MPH. 30 MPH. 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, 4 crossovers MP 2.2 Rana, turnout to Main 4		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout to Main 4		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 10 MPH 30 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch  MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch  MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead  MP 0.3X, turnout to Auto Facility Lead  MP 2.2 Rana, turnout to B Yard Lead  MP 2.2 Rana, turnout to Main 4  MP 2.2 Rana, turnout to Main 4  MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 0.3X, turnout to B Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 30 MPH 40 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to Byard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to UP Connection Track		15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 30 MPH 40 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch  MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4  MP 2.2 Rana, turnout to Main 4  MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead  MP 2.9 CP 29, turnouts Main 1 to Main 1  MP 2.9 CP 29 turnouts Main 1 to UP Connection Track  MP 3.3 Colton, EE Main 2 siding		15 MPH 10 MPH 30 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch  MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4  MP 2.2 Rana, turnout to Main 4  MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1  MP 2.9 CP 29, turnouts Main 1 to UP Connection Track  MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting		15 MPH 10 MPH 30 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 10 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to B Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, ye crossovers	Fraci	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 10 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to B Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, VE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1	Frac	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 50 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 0.3X, turnout to B Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1  MP 2.9 CP 29, turnouts Main 1 to Main 1  MP 2.9 CP 29, turnouts Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, VE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1  MP 6.4, turnout Main 2 to San Jacinto Ind. Spur	Frac	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 50 MPH 50 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to Byard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 64, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station	Frad	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 0.3X, turnout to B Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1  MP 2.9 CP 29, turnouts Main 1 to Main 1  MP 2.9 CP 29, turnouts Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, VE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1  MP 6.4, turnout Main 2 to San Jacinto Ind. Spur	Fraci	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 10 MPH 10 MPH 25 MPH 50 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to Auto Facility Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 6.4, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station	Fraci	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 10 MPH 10 MPH 25 MPH 50 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 2.2 Rana, turnout to Byard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 6.4, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 9.9, Main 3 to Metrolink Station	Frac	15 MPH.  10 MPH.  30 MPH.  10 MPH.  10 MPH.  30 MPH.  30 MPH.  10 MPH.  40 MPH.  50 MPH.  50 MPH.  20 MPH.  30 MPH.  30 MPH.  30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 64, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.4, West Riverside, 2 crossovers and turnout Main 1 to UPRR and turnout to Main 2 MP 10.4 West Riverside, 2 crossovers	Frac	15 MPH.  10 MPH. 30 MPH. 10 MPH. 30 MPH. 30 MPH. 30 MPH. 40 MPH. 40 MPH. 50 MPH. 50 MPH. 40 MPH. 30 MPH. 40 MPH. 40 MPH. 40 MPH. 40 MPH. 40 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to Byard Lead MP 2.2 Rana, turnout to Main 4 MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, VE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 64, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.4, West Riverside, 2 crossovers and turnout Main 1 to UPRR and turnout to Main 2 MP 10.4 West Riverside, crossover to Metrolink lead	Fraci	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 10 MPH 25 MPH 50 MPH 30 MPH 40 MPH 30 MPH 30 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.3 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.4, West Riverside, 2 crossovers and turnout Main 1 to UPRR and turnout to Main 2 MP 10.4 West Riverside, crossover to Metrolink lead MP 15.1 CP 151, 2 crossovers	Fraci	15 MPH 10 MPH 30 MPH 10 MPH 30 MPH 30 MPH 30 MPH 10 MPH 10 MPH 10 MPH 10 MPH 25 MPH 25 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to B Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, VE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 6.4, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.4, West Riverside, 2 crossovers and turnout Main 1 to UPRR and turnout to Main 2 MP 10.4 West Riverside, crossover to Metrolink lead MP 15.1 CP 151, 2 crossovers MP 2.1 4 May, 2 crossovers	Frac	15 MPH 10 MPH 30 MPH 10 MPH 30 MPH 30 MPH 30 MPH 10 MPH 10 MPH 10 MPH 10 MPH 10 MPH 25 MPH 50 MPH 30 MPH 30 MPH 30 MPH 30 MPH 30 MPH 30 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 6.4, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.4, West Riverside, 2 crossovers and turnout Main 1 to UPRR and turnout to Main 2 MP 10.4 West Riverside, crossover to Metrolink lead MP 15.1 CP 151, 2 crossovers MP 22.4/MP 24.0 Porphyry, EE and WE siding	Frac	15 MPH 10 MPH 30 MPH 10 MPH 30 MPH 30 MPH 30 MPH 10 MPH 10 MPH 10 MPH 10 MPH 10 MPH 25 MPH 50 MPH 30 MPH 30 MPH 30 MPH 30 MPH 30 MPH 30 MPH 10 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to B Yard Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 6.4, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.4, West Riverside, 2 crossovers and turnout Main 1 to UPRR and turnout to Main 2 MP 10.4 West Riverside, crossover to Metrolink lead MP 15.1 CP 151, 2 crossovers MP 21.4 May, 2 crossovers MP 22.4/MP 24.0 Porphyry, EE and WE siding MP 29.5 Prado Darn, 2 crossovers and turnout to Main 1	Fraci	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 25 MPH 50 MPH 30 MPH 30 MPH 30 MPH 30 MPH 40 MPH 30 MPH 30 MPH 50 MPH 50 MPH 50 MPH 50 MPH.
	unless otherwise indicated.  MP 0.0 San Bernardino, turnout, Main 3 and 4  MP 0.1 San Bernardino, passenger movements and all freight movements, Main 4, double slip switch MP 0.1 San Bernardino, freight movements routed to or from passenger yard or flyover, double slip switch MP 0.3X, 4 crossovers  MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to A Yard Lead MP 0.3X, turnout to Auto Facility Lead MP 2.2 Rana, turnout to B Yard Lead MP 2.2 Rana, turnout from Main 3 to Auto Facility Lead MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to Main 1 MP 2.9 CP 29, turnouts Main 1 to UP Connection Track MP 3.3 Colton, EE Main 2 siding MP 4.2 West Colton, WE Main 2 siding, UP Connecting MP 4.3 West Colton, 2 crossovers MP 6.1 CP 61, crossover and turnout to Main 1 MP 6.4, turnout Main 2 to San Jacinto Ind. Spur MP 9.9 Tenth Street, turnout Main 1 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.3, Main 3 to Metrolink Station MP 10.4, West Riverside, 2 crossovers and turnout Main 1 to UPRR and turnout to Main 2 MP 10.4 West Riverside, crossover to Metrolink lead MP 15.1 CP 151, 2 crossovers MP 22.4/MP 24.0 Porphyry, EE and WE siding	Fraci	15 MPH 10 MPH 30 MPH 10 MPH 10 MPH 30 MPH 30 MPH 40 MPH 10 MPH 10 MPH 10 MPH 10 MPH 25 MPH 50 MPH 30 MPH 30 MPH 30 MPH 30 MPH 30 MPH 50 MPH.

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15 MPH.

#### 1(D). Speed-Other

#### Temperature 100 degrees or above

When the 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.

<u>Limits</u>	Threshold Temperature	Speed .
MP 10.7 to MP 18.0	100 degrees F	40 MPH.
MP 26.7 to MP 38.5	100 degrees F	40 MPH.

San Jacinto Industrial Spur—From 1100 to 1900 hours, if the air temperature is over 100 degrees F, the track is out of service unless movement is preceded by the track supervisor; then the train can proceed at 10 MPH.

At Redondo Jct., the speed limit is 5 MPH over Santa Fe Blvd. on the Butte Street lead to the Washington auto dock.

#### **Hobart Tower**

The speed limit is 5 MPH on Junction Wye. Loaded slab trains are restricted to 30 MPH.

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

## 2. Bridge and Equipment Weight Restrictions Maximum Gross Weight of Car

#### 3. Type of Operation

CTC—in effect on Main Track: San Bernardino to Redondo Jct...... MP 0.0 to MP 143.2

CTC—in effect on siding: Norwalk (Main 1 and Main 2) ......MP 156.1

#### **Multiple Main Tracks**

San Bernardino to Redondo Jct...... MP 0.0 to MP 143.2

#### **Controlled Sidings**

West Colton Porphyry

#### Manual Interiockings Not Controlled by BNSF

Location Controlling Railroad
Hobart Tower (UP RRX), MP 144.5 UP

## 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 1.14—Union Pacific trains may use joint track between San Bernardino and West Riverside. BNSF trains and engines may use Metrolink tracks between CP Rancho and Arcadia. The speed limit on all auxiliary tracks is not specifically governed by the Metrolink Timetable and other instructions; it is 10 MPH, unless further restricted. The special instructions for ALL SUBDIVISIONS and all general orders and superintendent notices remain in effect unless specific instructions to the contrary are issued by Metrolink.

Rule 5.8.2—Between MP 39.0 and MP 44.0, the engine whistle will not be used in advance of street crossings protected by automatic crossing gates. Exception: The engine whistle shall be used at the discretion of the engineer to avoid injury to persons, damage to property or when approaching roadway workers on or near the track.

Rule 5.16—Passenger Trains—Observe and Call Signals: When a signal requires the train to stop at or pass the next signal at restricted speed, the engineer must communicate that fact to a designated member of the crew, including the track designation if on multiple tracks, and get an acknowledgment. If no acknowledgment is received, the engineer must ascertain at the next scheduled stop why the message is not being confirmed. If the engineer fails to control the train movement in accordance with either a wayside signal or other restrictions imposed upon the train, the designated crew member shall at once communicate with and caution the engineer regarding the restriction, and if necessary, take appropriate action to ensure the safety of the train, including stopping all movement if appropriate.

Rule 9.9—All Trains—Train Delayed Within a Block: In CTC, when any train stops or its speed is reduced below 10 MPH, the train must proceed at a speed not exceeding 40 MPH, prepared to stop at the next signal until the next signal is visible and the signal displays a proceed indication.

Rule 9.12.1—Permission must be secured from the BNSF train dispatcher to pass controlled signals indicating Stop at Fullerton Jct. and Atwood.

Before operating beyond controlled signals indicating Stop onto the Metrolink San Gabriel, Olive and Orange subdivisions, permission must be obtained from the BNSF train dispatcher to pass the Stop signal and from the Metrolink train dispatcher to occupy the Main Track beyond the control point.

Rule 9.13—When crank-type dual control switches controlled by Redondo Jct. or Hobart Tower are used in hand position, the switches must not be returned to motor position until movement is clear of switches.

Rule 10.3—When Track and Time is granted to trains or engines on the Metrolink San Gabriel, Olive and Orange subdivisions between the BNSF-controlled signal and points beyond on the Metrolink Subdivision, permission must be obtained from the BNSF train dispatcher to pass the controlled signal.

#### SOUTHERN CALIFORNIA DIVISION—No. 5—December 12, 1999—San Bernardino Sub. 16

San Jacinto Industrial Spur—Trackage between Highgrove, MP 0.0, and San Jacinto, MP 38.3, is identified as San Jacinto Industrial Spur; Rule 6.28 is in effect. Rule 9.12.3, Automatic Interlocking, is in effect at UP RRX, MP 1.5. Turning facility is located at Val Verde, MP 13.5. All switches must be left lined and locked for movement on the San Jacinto Industrial Spur track.

#### Trackside Warning Detectors (TWD)

- Protecting bridges, tunnels or other structures: None
- Other TWD locations B. MP 6.0—Recall Code 8

MP 32-Recall Code 8

MP 154.7—Recall Code 8

Other detectors

MP 4.6—High Water

EWD controlled signals CP 61 WWD controlled signals W. Colton

#### **FRA Excepted Track**

San Jacinto Industrial Spur, all tracks MP 18.8 to MP 38.3.

#### 7. **Special Conditions**

In the application of ABTH Rule 101.29.2—Testing Emergency Function-Item 3:

It must be known that it is possible to effect an emergency application of the air brakes from the rear of the train using the two-way ETD equipment, manned helper locomotive, caboose valve, remote-controlled locomotive or passenger equipment. This emergency air brake application must be made after all other air brake tests have been completed and MUST be propagated throughout the entire train.

In the application of Air Brake and Train Handling Rule 102.12.2, first bullet reading, "Distance to be traveled exceeds 2 miles": At Hobart Yard only, movements on other than Main Track may be made from other than the cab nearest the direction traveled when the "Distance to be traveled does not exceed 5 miles."

- Trains departing CP Kaiser to San Bernardino B Yard must contact the assistant trainmaster (909-386-4384) for permission to enter the B Yard.
- Close Clearance

Close clearance on the south track, south side, between East and West Norwalk.

Close clearance at Kimberly-Clark, CLIC 6321.

BNSF System Special Instructions Amendment—Item 9 Amtrak Instructions, under the heading "Equipment," the line reading, "Movement with locomotive between cars is prohibited" does not apply on the Southern California Division. Be governed by the following instructions:

Movement with locomotives between cars is prohibited unless:

- A. Locomotive is being used in "push-pull service."
- "MU" cables are connected through the entire train.
- Locomotive between cars is not isolated or dead-in-tow.

#### **Line Segments**

#### Yard Line Segments

Line Segment Limits

7650 ..... San Bernardino Yard

7652 ..... Hobart Yard

7651 ..... First Street Yard (LA)

#### **Road Line Segments**

#### Line Segment Limits

•			
7600	Barstow	to National	City

7602 ...... San Bernardino to Fullerton Jct.

7605 ...... Highgrove to San Jacinto

#### **Locations Not Shown as Stations**

Name	Mile Post Location	Capacity Feet	Switch Opens
San Bernardino Subdivision			
Colton Cement Spur	3.5	1,882	East
San Jacinto Industrial Spur	6.7	38.3 miles	East
Prenda Spur (Prenda)	14.3	300	Both
Arlington	15.9	2,000	Both
Porphyry (3M Spur)	22.7	18,480	West
West Corona	26.8	5,812	Both
Fullerton	164.7 MT 1	7,995	Both
Fullerton	164.7 MT 2	4,350	Both
San Jacinto Industrial Spur			
Highgrove	0.0	1,018	Both
Lily Cup	0.6	545	Both
Box Springs	7.2	1,555	Both
Alessandro	10.6	2,046	Both
Val Verde	13.5	1,105	Both
Granite Spur	14.5	4,752	Both
Mayer Farms	15.9	920	Both
Ellis	19.9	800	East

WEST S < RD →	Length of Siding (Feet)	Station Nos.	Mile Post	San Diego Subdivision MAIN LINE STATIONS	Rule 4.3	Type of Oper.	Line Segment	Miles to Next Stn.	<b>◆</b> EASTSARD
		25710	273.1	NATIONAL CITY	R			3.8	]
			269.3	22ND STREET	BCPXR		7600	1.8	
		25700	267.5	SAN DIEGO	TXR		7600	103.3	
		23200	165.0	FULLERTON JCT.	JBCPX			108.9	

	Tone Call-in						
RADIO COMMUNICATION	СН	DS	sc	МС	css	EMER	
National City to MP 267.7	32	1	3	4	5&7	9	
MP 267.7 to Fullerton Jct./Atwood	30	1	3	4	587	9	

#### **Speed Regulations**

#### 1(A). Speed-Maximum

	Passenger	rreignt
National City to MP 268.5 (5th Ave.)	., 10 MPH	10 MPH.
MP 268.5 (5th Ave.) to San Diego	20 MPH	10 MPH.
System Special Instructions Item 1(C) is in effect	t between Fuller	ton Jct.
and Atwood and San Diego.		

#### 1(B). Speed—Permanent Restrictions—None

#### 1(C). Speed—Switches and Turnouts

San Diego Subdivision ...... 10 MPH.

1(D). Speed-Other-None

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

#### 2. **Bridge and Equipment Weight Restrictions**

**Maximum Gross Weight of Car** 

National City to San Diego ...... 143 tons, Restriction C

#### 3. Type of Operation

Restricted Limits—in effect:

National City to San Diego—MP 273.1 to MP 267.7

#### General Code of Operating Rules Items

Rule 1.14—BNSF trains and engines may use Metrolink tracks between Fullerton Jct. or Atwood and County Line, and may use San Diego Northern Railway tracks between County Line and San Diego, MP 267.7. San Diego Northern Railway trains and engines may use Main Track between MP 267.6 and MP 268.8. The speed limit on all auxiliary tracks is not specifically governed by the Metrolink and San Diego Northern Railway timetables and other instructions; it is 10 MPH, unless further restricted. The special instructions for ALL SUBDIVISIONS and all general orders and superintendent notices remain in effect unless specific instructions to the contrary are issued by Metrolink or San Diego Northern Railway.

#### 5. Trackside Warning Detectors (TWD)—None

#### 6. FRA Excepted Track—None

#### 7. **Special Conditions**

In the application of ABTH Rule 103.10.2—Testing Emergency Function-Item 3:

It must be known that it is possible to effect an emergency application of the air brakes from the rear of the train using the two-way ETD equipment, manned helper locomotive, caboose valve, remote-controlled locomotive or passenger equipment. This emergency air brake application must be made after all other air brake tests have been completed and MUST be propagated throughout the entire train.

#### **Line Segments** Yard Line Segments Line Segment Limits

7654 ..... Bay Yard

**Road Line Segments** Line Segment Limits

7600 ...... Fullerton Jct. to National City

Locations Not Shown as Stations-None

## 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.
- 4. 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	Time F	Per Mile Miles		Time Per Mile		Miles Per
Min.	Sec.	Hour	Min.	Sec.	Hour	Min.	Sec.	Hour
-	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	0.1
1,056	0.2
1,584	0.3
2,112	0.4
2,640	0.5
3,168	0.6
3,696	0.7
4,224	0.8
4,752	0.9