

NAME: RAIL.shp

AREA: State

DESCRIPTION: The RAIL shapefile is a line network representing information on all heavy railroad lines, Amtrak passenger lines and commuter rail lines in California.

USER NOTES: The Rail shapefile was created and new attributes were added by using various sources. These attributes are currently being validated by Caltrans.

VITAL STATISTICS:

Datum: NAD 83
 Projection: Albers
 Units: Meters
 1st Std. Parallel: 34 degrees N
 2nd Std. Parallel: 40.5 degrees N
 Longitude of Origin: -120 degrees W
 Latitude of Origin: 0 degrees N
 False Easting: 0
 False Northing: -4,000,000
 Source: Various transit books, maps, and guides
 Date Created: June 20, 2004
 Last Update:
 Update Software: ArcView 3.2 and ArcGIS 8.3

DATA DICTIONARY:

<u>ITEM NAME</u>	<u>DESCRIPTION</u>	<u>SOURCE</u>
Uniq_id	Numeric field assigned randomly.	
Begin_mp	Beginning Milepost	BNSF, UP, Metrolink, Caltrans 1982 State Rail Plan
End_mp	Ending Milepost	BNSF, UP, Metrolink, Caltrans 1982 State Rail Plan
Row_owner	Owner of the ROW	Caltrans
Subdivision	Subdivision boundary	California Region Timetable 15
Freight_op	Operator(s) of the freight operations	Caltrans.
Pass_op	Operator(s) of the passenger operation	Caltrans.
Pass_serv	Individual passenger line(s)	Caltrans.
Ct_distr	Caltrans district number	Caltrans.
County	Caltrans county abbreviations	Caltrans.
Description	Identifies railroad class.	
Mainline	UP & BNSF = Class I	
Regional	CORP = Class II	
Shortline	All Shortline = Class III	
Military	All Military or GOVT	
Private	All Private	
Transit	All Transit	
Unknown		
Status	Ids status of particular railroad line	Caltrans and Rails to Trails
Active		
Under Construction		
Proposed		
Abandoned		
O/S (out of service)		
Unknown		

Tracktype	Identifies railroad track type	Caltrans
Principal	BNSF and UP = Mainline	
Secondary	Regional or Shortline	
Branch	Shortline or any line that ends	
Transit	Transit	
Abandoned		
Unknown		

Comments	comments related to change.	
Maxgrswt	maximum gross weight	ITMS (need to be updated based on the Railway Line Clearances Document).
Pass_speed	maximum passenger timetable speed	California Region Timetable 14 th edition (needs to be updated from the 15 th edition).
frt_speed	maximum freight timetable speed	California Region Timetable 14 th edition (needs to be updated from the 15 th edition).
Pipe_row	indicates presence of pipe w/in r-o-w	ITMS
Num_track	number of tracks	ITMS
Width_res	width restriction	ITMS
Height_res	height restriction	ITMS
Lngh_Mete	segment length in meters calculated by software	
Lngh_Mile	segment length in miles calculated by software	
Validate	Caltrans requested field for validation purposes	

RELATIONAL DATA DESCRIPTION: None.

DATABASE RELATION: Currently there are no database relationships established.

DATA QUALITY ASSESSMENT: As of 3/03/06, ONLY Status and ROW_owner fields have been QCed. Work is currently underway to update and QC the remaining fields.

ROWOWNER and OPERATOR CODES – Reporting Marks (UMLER – universal machine language equipment register)

Data from California Region Timetable 15 (March 21, 2004) or private sources.

<u>Mark</u>	<u>Company Name</u>	<u>AAR status</u>
ABL	Alameda Belt Line = subsidiary of BNSF and UP	unlisted
AL	Almanor Railroad Company = shortline , local	listed
ALA	Alameda County = proposed transit line owner	unlisted
AMF	Amador Foothills Railroad = shortline STB final due 3 '05	
AMR	Arcata & Mad River Railroad (NCRA o/s proposed bike trail	filed 4 '85
AMTZ	Amtrak = Operator only	unlisted
AZCR	Arizona and California Railroad Company = shortline , local - Rail America	listed
BAER	Bay Area Electric Railway (Western Railway Museum) private museum	unlisted
BART	Bay Area Rapid Transit = transit	unlisted
BNSF	Burlington Northern Santa Fe = Class I	listed
CFNR	California Northern Railroad = shortline , switching & terminal - Rail America	listed
CC	Contra Costa County = proposed transit line owner	unlisted
CCT	Central California Traction = shortline switching & terminal - subsidiary of BNSF and UP	listed
CORP	Central Oregon and Pacific Railroad = Class II regional	listed
CSRM	California Railroad Museum private museum, freight operator SSR	unlisted
CWR	California Western Railroad = shortline subdivision of Sierra Railroad (SERA)	listed
CZRY	Carrizo Gorge Railway = private , SDIY operator in Mexico	listed
ED	El Dorado County = abandoned rail line owner	unlisted
EMR	Eagle Mountain Railroad	unlisted
FLSM	Folsom City Owner = transit line owner	unlisted

FWRY	Fillmore and Western Railroad = private excursion	listed
GOVT	US Government/Military Railroad = military or government railroads in CA	unlisted
JPB	Peninsula Corridor Joint Powers Board transit, Caltrain owner/operator	unlisted
	San Francisco, San Mateo and Santa Clara Counties, freight UP	unlisted
LA	Los Angeles County = transit line owner (SCRA member)	unlisted
LCR	Lake County Railroad = shortline , switching & terminal	listed
LAJ	Los Angeles Junction Railway = shortline , switching & terminal	listed
MCR	McCloud Railway = shortline , local Shasta Sunset Dinner Train + freight	listed
MEN	Mendocino County = proposed transit line owner	unlisted
MET	Modesto-Empire Traction = shortline , switching & terminal	listed
MON	Monterey County = proposed transit line owner	unlisted
MRN	Marin County = proposed transit line owner	unlisted
MTDB	Metropolitan Transit Development Board = transit, SDIY is freight operator.	unlisted
NCRA	North Coast Railroad Authority = formed in 1989 by CA legislature, owner NWP	unlisted
NCTD	North County Transit District (Coaster) owner/operator , passenger	unlisted
NVRR	Napa Valley Railroad = shortline , switching & terminal & excursion	listed
NCRY	Niles Canyon Railway = private excursion	unlisted
NWP	Northwestern Pacific Railroad = shortline O/S ?? south Willits viable, north ??	listed ? 7 '00
OERM	Orange Empire Railway Museum = private museum	unlisted
ORA	Orange County = transit line owner (SCRA member)	unlisted
OTR	Oakland Terminal Railway = shortline , switching & terminal	listed
PHL	Pacific Harbor Lines, = shortline , switching & terminal	listed
PSRM	Pacific Southwest Railroad Museum = private museum	unlisted
QRR	Quincy Railroad = shortline freight UP	listed
RIV	Riverside County = transit line owner (SCRA member)	unlisted
RPRC	Richmond Pacific Railroad = shortline , switching & terminal, formerly <u>Parr Terminal RR</u>	listed
RCBT	Roaring Camp & Big Trees Railroad = private tourist railroad	unlisted
SBD	San Bernardino County = transit line owner (SCRA member)	unlisted
SCBG	Santa Cruz, Big Tree & Pacific RR = shortline , switching & terminal	listed
SCRA	Southern California Regional Rail Authority owner/operator Ventura, Los Angeles, Orange, San Bernardino, and Riverside counties = transit, Metrolink	unlisted
SDAE	San Diego & Arizona Eastern = shortline , switching & terminal	filed 10 '80
SDIY	San Diego & Imperial Valley operator from El Cajon west to San Diego, then south to border. San Diego Trolley (MTDB) uses a portion of these lines. Freight is transported at night. CZRY operates line below US/Mexico border, Rail America	listed
SJVR	San Joaquin Valley Railroad = shortline , switching & terminal, Rail America	listed
SM	San Mateo County = proposed transit line owner	unlisted
SMV	Santa Maria Valley Railroad = shortline , local	listed
SERA	Sierra Railroad = shortline , local, owner of CWR and YSL	listed
SJRX	San Joaquin Regional Rail Commission = transit, Altamont Commuter Express	unlisted
SN	Sacramento Northern Railroad = abandoned	filed 10 '87
SON	Sonoma County = proposed transit line owner	unlisted
SP	abandoned tracks from Southern Pacific Transportation Company	transferred
SPBR	Stockton Public Belt (Port of Stockton) = private terminal port railroad by CCT	unlisted
SSR	Sacramento Southern (California State Museum Railroad) private , freight operator	unlisted
STA	Stanislaus County = proposed transit line owner	unlisted
STE	Stockton Terminal & Eastern Railroad = shortline , local	listed
SUN	Sunset Railway, owned by BNSF and UP , STB filing 12/21/2004	filed 12 '04
SWPX	Southwest Portland Cement Railroad, = private	unlisted
SYPB	Sacramento/Yolo Port District	unlisted
TRC	Trona Railway Co. = shortline , local	listed
TS	Tidewater Southern = private , subsidiary of UP	filed 10 '87
TVRR	Tulare Valley Railroad = shortline	unlisted

UP	Union Pacific Railroad = Class I	listed
VCTC	Ventura County Transportation Commission owns these rail lines but has not started commuter operations on these lines. = operator, VCY owner	unlisted
VCRR	Ventura County Railroad = shortline , switching & terminal, owner VCTC, Rail America	listed
VEN	Ventura County = transit line owner (SCRA member)	unlisted
VER	Visalia Electric Railroad	unlisted
WFS	West Isle Line Incorporated = shortline , local	listed
YMSP	Yosemite Mountain Sugar Pine Railroad = private excursion	unlisted
YSLR	Yolo Short Line RR = shortline , switching & terminal, subdivision of Sierra Railroad (SERA)	filed 7 '00
YW	Yreka Western Railroad = shortline , local, " Blue Goose " excursion	listed
XXXX	unknown	unlisted

DEFINITIONS:

Class I	mainline, BNSF & UP
Class II	regional, CORP
Class III	shortline, 27 listed in "Freight Railroads Operating in CA - 2002", American Association of Railroads
Private	excursion, museum, port, and terminal railroads not listed by AAR
Abandoned	railroads having filings or determinations with the STB
Owner/Operator	private, city or county ownership organization