

APPENDIX 3.11-B: EXISTING AND PROPOSED RAILROAD CROSSINGS

Definitions

All proposed crossings include the following. For some roadways, the existing roadway configuration (i.e., undercrossing or overcrossing) would not change, but the roadway would require other modifications.

HSR Alignment	Proposed Grade of the HSR Track Alignment or Corridor
HSR at grade	HSR track on the surface (on embankment, at grade, ground level)
HSR below grade	HSR track below the surface (e.g., below grade, trenched, retained cut)
HSR above grade	HSR track above the surface (e.g., above grade, rail bridge, aerial structure)
Road Modification	Proposed roadway realignment or construction in the vicinity of the crossing
None	No roadway realignment or construction
Minor	Minor reconstruction of local roadways, including addition of new piers and abutments within the existing roadways
Major	Major reconstruction of local roadways, including full or partial grade separations or changes in horizontal or vertical alignments

HSR = high-speed rail

Where the Los Angeles to Anaheim Project Section is within 0.5 mile of an existing highway–railroad crossing, the following information is included.

RR Xing Type	Proposed Grade of the HSR Track Alignment or Corridor
Existing RR Xing Type	Existing highway–railroad crossings
At grade	Currently roadway crosses the railroad at grade
Road above	Currently roadway above railroad
Road below	Currently roadway below railroad
RR Xing Change	Proposed physical change to the highway–railroad crossing
No change	Railroad crossing and immediate vicinity will NOT be physically affected
Close	Railroad crossing will be eliminated
Changes	Railroad crossing will remain with physical modification, including the addition of RR or HSR at an existing railroad grade separation
Proposed RR Xing Type	Proposed grade of the HSR track alignment or corridor
At grade	Roadway crosses the railroad at grade
Road above	Roadway above railroad
Road below	Roadway below railroad

HSR = high-speed rail; RR = railroad; Xing = crossing

Railroad and Public Road Crossings

Table 3.11-B-1 Proposed High-Speed Rail Crossings of Existing Railroads

No.	Approx. HSR Station	RR	Approx. RR MP	RR Ownership	Current Configuration	Prop. HSR RR Xing	City	County
1	190+00	Gold Line	N/A	Metro	At grade	Under RR	Los Angeles	Los Angeles
2x	148+00–150+00	Amtrak 8th Street Yard	N/A	Amtrak Passenger Corp.	At grade	At grade	Los Angeles	Los Angeles
2	151+00	ACTA	0.00	ACTA	Above	Over RR	Los Angeles	Los Angeles
3	165+00	UPRR	1.930	UPRR	Above	Over RR	Los Angeles	Los Angeles
4	220+50	BNSF	0144.39	BNSF	At grade	At grade	Vernon	Los Angeles
4x	223+05	UPRR	--	UPRR	Above	Above	Vernon	Los Angeles
4y	229+50	UPRR Hobart Yard	--	--	--	--	Vernon	Los Angeles
5	614+50	UPRR	3.28	N/A	At grade (OWL diamond xing to be installed)	At grade	Santa Fe Springs	Los Angeles
6	666+50	UPRR	497.28	N/A	At grade (OWL diamond xing to be installed)	At grade	Santa Fe Springs	Los Angeles
7	1556+21.92	UPRR	513.010	N/A	At grade	At grade	Anaheim	Orange

Source: Authority 2024

ACTA = Alameda Corridor Transportation Authority; Approx. = approximate; BNSF = BNSF Railway; HSR = high-speed rail; Metro = Los Angeles County Metropolitan Transit Authority; MP = milepost; N/A = not applicable; No. = number; OWL = one-way low speed crossing; Prop. = proposed; RR = railroad; UPRR = Union Pacific Railroad; xing = crossing

Table 3.11-B-2 Proposed Public Road Crossings of High-Speed Rail

No.	Approx. HSR Station	Road Xing HSR	Road Modification	Current Configuration	Prop. HSR Xing Road	City	County
1	190+00	1st St	None	Overcrossing	Overcrossing	Los Angeles	Los Angeles
2	214+70	4th St	None	Overcrossing	Overcrossing	Los Angeles	Los Angeles
3	224+50	6th St/Whittier Blvd	None	Overcrossing	Overcrossing	Los Angeles	Los Angeles
4	239+60	7th St	None	Overcrossing	Overcrossing	Los Angeles	Los Angeles

No.	Approx. HSR Station	Road Xing HSR	Road Modification	Current Configuration	Prop. HSR Xing Road	City	County
5	258+50	I-10 (Santa Monica Freeway)	None	Overcrossing	Overcrossing	Los Angeles	Los Angeles
6	272+90	Olympic Blvd	None	Overcrossing	Overcrossing	Los Angeles	Los Angeles
7	157+20	Washington Blvd	None	Undercrossing	Passenger rail on aerial structure	Los Angeles	Los Angeles
8	174+10	Soto St	None	Undercrossing	Passenger rail on aerial structure	Los Angeles	Los Angeles
9	216+69	Downey Rd/Grande Vista Ave	Minor	Undercrossing	Undercrossing	Vernon	Los Angeles
10	233+00	Private access road	None	Overcrossing	Overcrossing	Vernon	Los Angeles
11	322+25	I-710 (Long Beach Freeway)	None	Overcrossing	Overcrossing	Vernon	Los Angeles
12	330+82	Atlantic Blvd	Minor	Undercrossing	Undercrossing	Vernon	Los Angeles
13	369+53	Eastern Ave	Minor	Undercrossing	Undercrossing	Vernon	Los Angeles
14	437+93	I-5 (Santa Ana Freeway)	None	Undercrossing	Undercrossing	Vernon	Los Angeles
15	442+13	Telegraph Rd	None	Undercrossing	Undercrossing	Vernon	Los Angeles
16	446+26	Garfield Ave	None	Undercrossing	Undercrossing	Pico Rivera	Los Angeles
17	482+41	Greenwood Ave	None	Undercrossing	Undercrossing	Montebello	Los Angeles
18	533+78	Paramount Blvd	None	Undercrossing	Undercrossing	Pico Rivera	Los Angeles
19	560+60	SR 19 (Rosemead Blvd)	Major	Undercrossing	Undercrossing	Pico Rivera	Los Angeles
20	588+12	Passons Blvd	Minor	Undercrossing	Undercrossing	Pico Rivera	Los Angeles
21	612+70	Slauson Ave	Minor	Overcrossing	Overcrossing	Santa Fe Springs, West Whittier/Los Nietos CDP	Los Angeles
22	627+90	I-605 (San Gabriel River Freeway)	None	Overcrossing	Overcrossing	Santa Fe Springs, West Whittier/Los Nietos CDP	Los Angeles
23	632+40	Pioneer Blvd	Major	At grade	Undercrossing	Santa Fe Springs, West Whittier/Los Nietos CDP	Los Angeles
24	676+24	Norwalk Blvd/Los Nietos Rd	Major	At grade	Undercrossing	Santa Fe Springs	Los Angeles

No.	Approx. HSR Station	Road Xing HSR	Road Modification	Current Configuration	Prop. HSR Xing Road	City	County
25	723+03	Santa Fe Springs Rd	Minor	Undercrossing	Undercrossing	Santa Fe Springs	Los Angeles
26	745+21	Telegraph Rd	Minor	Undercrossing	Undercrossing	Santa Fe Springs	Los Angeles
27	768+90	Florence Ave	Minor	Undercrossing	HSR on aerial structure	Santa Fe Springs	Los Angeles
28	782.40	Lakeland Rd	Major	At grade	Passenger rail on aerial structure, freight rail to remain at grade	Santa Fe Springs	Los Angeles
29	836.10	Imperial Hwy	None	Undercrossing	Passenger rail on aerial structure	Santa Fe Springs	Los Angeles
30	890+14	Carmenita Rd	Major	Undercrossing	Passenger rail on aerial structure	Santa Fe Springs	Los Angeles
31	924+25	Rosecrans Ave/Marquardt Ave	None	Overcrossing	Overcrossing	Santa Fe Springs	Los Angeles
32	954+10	Valley View Ave	Minor	Undercrossing	Undercrossing	Santa Fe Springs, La Mirada	Los Angeles
33	1014+20	Alondra Blvd	Major	Overcrossing	Overcrossing	La Mirada	Orange
34	1065+89	SR 39 (Beach Blvd)	Minor	Undercrossing	Undercrossing	Buena Park	Orange
35	1106+57	Dale St	Major	Undercrossing	Undercrossing	Buena Park	Orange
36	1163+89	Gilbert St	Major	Undercrossing	Undercrossing	Fullerton	Orange
37	1202+35	Commonwealth Ave	Major	Undercrossing	Undercrossing	Fullerton	Orange
38	1245+44	Euclid St	Minor	Undercrossing	Undercrossing	Fullerton	Orange
39	1285+65	Highland Ave	Minor	Undercrossing	Undercrossing	Fullerton	Orange
40	1298+64	Harbor Blvd	Minor	Undercrossing	Undercrossing	Fullerton	Orange
41	1312+37	Lemon St	None	Undercrossing	Undercrossing	Fullerton	Orange
41	1362+00	Orangethorpe Ave	None	At grade	At grade	Anaheim	Orange
42	1383+42	SR 91 (Riverside Freeway)	None	Overcrossing	Overcrossing	Anaheim	Orange
43	1406+96	La Palma Ave	None	At grade	At grade	Anaheim	Orange
44	1428+75	Sycamore St	None	At grade	At grade	Anaheim	Orange
45	1444+21	Lincoln Ave	None	Undercrossing	Undercrossing	Anaheim	Orange

No.	Approx. HSR Station	Road Xing HSR	Road Modification	Current Configuration	Prop. HSR Xing Road	City	County
46	1453+32	Broadway	None	At grade	At grade	Anaheim	Orange
47	1461+75	Santa Ana St	None	At grade	At grade	Anaheim	Orange
48	1478+99	South St	None	At grade	At grade	Anaheim	Orange
49	1491+81	Vermont Ave	None	At grade	At grade	Anaheim	Orange
50	1517+08	Ball Rd	None	At grade	At grade	Anaheim	Orange
51	1537+00	Lewis St	Major	Undercrossing	Undercrossing	Anaheim	Orange
52	1547+01	Cerritos Ave	Major	At grade	Undercrossing	Anaheim	Orange
53	1575+10	State College Blvd	Major	At grade	Undercrossing	Anaheim	Orange
54	1588+34	Katella Ave	Major	Undercrossing	Undercrossing	Anaheim	Orange
55	1605+90	SR 57 (Orange Freeway)	None	Overcrossing	Overcrossing	Anaheim	Orange
56	1608+25	Douglass Rd	Major	Undercrossing	Undercrossing	Anaheim	Orange

Sources: Authority 2023a, 2023b

Approx. = approximate; CDP = Census-Designated Place; HSR = high-speed rail; I = Interstate; No. = number; Prop. = proposed; SR = State Route; Xing = crossing

References

- California High-Speed Rail Authority (Authority). 2023a. Los Angeles to Anaheim Supplemental Alternatives Analysis alignment geographic information system files.
- . 2023b. *California High-Speed Train Project Anaheim to Los Angeles Section Supplemental Alternatives Analysis Report*. November. <https://hsr.ca.gov/wp-content/uploads/2023/11/231025-LA-A-SAA-Final-Version11-clean-A11Y.pdf> (accessed December 2023).
- . 2024. *Los Angeles to Anaheim Draft Preliminary Engineering for Project Definition Design Submittal Volume 4*.