

Appendix 2-B

Railroad Crossings

Definitions

Alternatives	Description
F1	BNSF Alternative from Amador Street in Fresno to East Lincoln Avenue
H	BNSF Alternative from East Lincoln Avenue to Idaho Avenue south of Hanford
C1	Corcoran Elevated Alternative Idaho Avenue south of Hanford to Avenue 136
C2	Corcoran Bypass Alternative from Idaho Avenue to Avenue 136
C3	BNSF Alternative from Idaho Avenue to Avenue 136
P	BNSF Alternative from Avenue 136 south of Corcoran to Avenue 84 north of Allensworth
A1	Allensworth Bypass Alternative from Avenue 84 to Elmo Highway
A2	BNSF Alternative from Avenue 84 to Elmo Highway
L1	Allensworth Bypass Alternative from Elmo Highway to Whisler Road north of Wasco
L2	Allensworth Bypass Alternative linked to Wasco-Shafter Bypass Alternative from Elmo Highway to Poplar Avenue
L3	BNSF Alternative from Elmo Highway to Whisler Road
L4	Wasco-Shafter Bypass Alternative from Elmo Highway to Poplar Avenue
WS1	BNSF Alternative from Whisler Road to 7th Standard Road
WS2	Wasco-Shafter Bypass Alternative from Poplar Avenue to 7th Standard Road
B1	BNSF Alternative from 7th Standard Road south of Shafter to Baker Street in downtown Bakersfield
B2	Bakersfield South Alternative from Rosedale Highway to Baker Street in downtown Bakersfield

Existing RRX Grade	HST alignment	Road realign	RRX Change	Prop. RRX Grade
G = Grade Crossing	HST At	None	No change	RR At
A = Road Above Track	HST Below	Minor	Close	RR Below
B = Road Below Track	HST Above	Major	Changes	RR Above

All proposed crossings include the following:

HST align.	Proposed grade of the high-speed train track alignment /corridor
HST At	High-speed train track on the surface (at-grade, ground level)
HST Below	High-speed train track below the surface (below grade, trenched, retained cut, etc.)
HST Above	High-speed train track on the surface (above grade, rail bridge, aerial structure, etc.)

Road realign	Proposed roadway realignment or construction in the vicinity of the at-grade crossing
None	No significant roadway realignment or construction
Minor	Minor reconstruction of local roadways
Major	Major reconstruction of local roadways

Where the HST alignment is within 1000 feet of an existing highway-railroad crossing the following information is included:

Exist. RRX Grade	Existing grade of highway-railroad crossing
G	Currently roadway crosses the railroad at-grade
A	Currently roadway above railroad
B	Currently roadway below railroad
RRX 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 HST track at an existing railroad grade separation
RRX Grade	Proposed grade of the highway-railroad crossing
RRX At	Railroad tracks at same level as roadway
RRX Below	Railroad tracks below roadway
RRX Above	Railroad tracks above roadway

Table 2-B-1
Proposed HST Crossings of Railroads

No.	HST Align	Approx. HST Station	RR	Approx. RR MP	Prop. HST Grade	Prop. HST Xing RR	City	County
1	F1	215+00	SJV RR Spur	204.0	Below	Under RR	Fresno	Fresno
2	F1	229+00	SJV RR Spur	204.3	Below	Under RR	Fresno	Fresno
3	F1	460+50	BNSF Tracks b/w Golden State Blvd and North Ave	N/A	Above	Over RR	Fresno	Fresno
4	H	1130+00	BNSF Tracks b/w E Conejo Ave and S Peach Ave	981.9	Above	Over RR	Unincorporated	Fresno
5	H	1957+00	Cross Valley RR	N/A	Above	Over RR	Unincorporated	Kings
6	C1	2758+00	BNSF Spur	951.6	Above	Over RR	Corcoran	Kings
7	C1	2762+50	BNSF Spur	951.5	Above	Over RR	Corcoran	Kings
8	C1	2766+50	BNSF Spur	951.4	Above	Over RR	Corcoran	Kings
9	C1	2777+00	BNSF Spur	951.2	Above	Over RR	Corcoran	Kings
10	C1	2792+00	BNSF Spur	950.9	Above	Over RR	Corcoran	Kings
11	C1	2808+00	BNSF Spur	950.6	Above	Over RR	Corcoran	Kings
12	C1	2812+00	BNSF Spur	950.5	Above	Over RR	Unincorporated	Kings
13	C1	2827+50	BNSF Spur	950.2	Above	Over RR	Unincorporated	Kings
14	C1	2911+00	BNSF Tracks at 4th Ave.	948.6	Above	Over RR	Unincorporated	Kings
15	C2	3016+00	BNSF Tracks b/w Ave 144 and Ave 136	946.7	Above	Over RR	Unincorporated	Kings
16	C3	2520+00	BNSF Tracks b/w Cross Creek and Nevada Ave	954.8	Above	Over RR	Unincorporated	Kings
17	C3	2884+00	BNSF Spur (JG Boswell)	950.2	Above	Over RR	Unincorporated	Kings
18	C3	2843+00	BNSF Spur (JG Boswell)	949.8	Above	Over RR	Unincorporated	Kings
19	A1	4050+00	Stoil Spur	935.8	Above	Over RR	Unincorporated	Tulare
20	A2	4042+00	Stoil Spur	935.8	Above	Over RR	Unincorporated	Tulare
21	L2	5273+00	BNSF	917.0	Above	Over RR	Unincorporated	Kern
22	L4	5303+00	BNSF	916.4	Above	Over RR	Unincorporated	Kern
23	WS1	5572+00	BNSF Yards in Wasco	913.2	Above	Over RR	Wasco	Kern

Table 2-B-1
Proposed HST Crossings of Railroads

No.	HST Align	Approx. HST Station	RR	Approx. RR MP	Prop. HST Grade	Prop. HST Xing RR	City	County
24	WS1	5595+00	BNSF Yards in Wasco	912.8	Above	Over RR	Wasco	Kern
25	WS1	5625+00	BNSF Yards in Wasco	912.3	Above	Over RR	Wasco	Kern
26	WS1	5665+00	BNSF	911.6	Above	Over RR	Unincorporated	Kern
27	WS1	5997+00	BNSF Yards in Shafter	905.0	Above	Over RR	Shafter	Kern
28	WS1	6025+00	BNSF	904.6	Above	Over RR	Shafter	Kern
29	WS1	6087+00	Relocated Lone Star Spur	903.5	Above	Over RR	Unincorporated	Kern
30	WS2	6220+00	BNSF	900.2	Above	Over RR	Unincorporated	Kern
31	B1	7136+00 - 7200+00	BNSF Yards in Bakersfield	889.0	Above	Over RR	Bakersfield	Kern
32	B1	7250+00	BNSF	886.9	Above	Over RR	Bakersfield	Kern
33	B1	7347+00	UPRR Spur	313.8	Above	Over RR	Bakersfield	Kern
34	B1	7348+50	UPRR Spur	313.9	Above	Over RR	Bakersfield	Kern
35	B2	7115+00	BNSF	889.4	Above	Over RR	Bakersfield	Kern
36	B2	7230+00	BNSF	887.2	Above	Over RR	Bakersfield	Kern
37	B2	7258+50	BNSF Spur	N/A	Above	Over RR	Bakersfield	Kern
38	B2	7261+50	BNSF Spur	N/A	Above	Over RR	Bakersfield	Kern
39	B2	7342+00	UPRR Spur	313.9	Above	Over RR	Bakersfield	Kern

Table 2-B-2
Proposed Public Crossings of HST

No.	HST Align	Approx. HST Station	Road Xing HST	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	City	County
1	F1	448+00	S Golden State Blvd	None	None	Above	Below	Fresno	Fresno
2	F1	472+00	E Hardy Ave	None	None	Above	Below	Fresno	Fresno
3	F1	477+00	E North Ave	None	None	Above	Below	Fresno	Fresno
4	F1	486+50	Cedar Ave	None	None	Above	Below	Fresno	Fresno
5	F1	492+00	SR 99	None	None	Above	Below	Fresno	Fresno
6	H	1225+00	S Clovis Ave	Major	Minor	At	Above	Unincorp.	Fresno
7	H	1255+00	E Elkhorn Ave	Major	None	At	Above	Unincorp.	Fresno
8	H	1290+00	S Fowler Ave	Major	Minor	At	Above	Unincorp.	Fresno
9	H	1341+00	E Davis Ave	Major	None	At	Above	Unincorp.	Fresno
10	H	1466+50	SR 43	Minor	None	At	Below	Unincorp.	Fresno
11	H	1562+50	Cairo Ave	Minor	None	At	Above	Unincorp.	Kings
12	H	1654+00	Dover Ave	Minor	Minor	At	Above	Unincorp.	Kings
13	H	1709+00	Excelsior Ave	Minor	None	At	Above	Unincorp.	Kings
14	H	1763+50	Elder Ave	Minor	None	At	Above	Unincorp.	Kings
15	H	1817+50	Flint Ave	Minor	None	At	Above	Unincorp.	Kings
16	H	1870+50	Fargo Ave	Minor	None	At	Above	Unincorp.	Kings
17	H	1923+50	Grangeville Blvd	None	None	Above	Below	Unincorp.	Kings
18	H	1976+50	E Lacey Blvd	None	None	Above	Below	Unincorp.	Kings
19	H	1977+50	SR 198	None	None	Above	Below	Unincorp.	Kings
20	H	1978+50	7th Road	None	None	Above	Below	Unincorp.	Kings
21	H	2029+00	Hanford-Armona Road	Minor	None	At	Above	Unincorp.	Kings
22	H	2084+00	Houston Ave	Minor	None	At	Above	Unincorp.	Kings
23	H	2137+00	Iona Ave	Minor	None	At	Above	Unincorp.	Kings

Table 2-B-2
Proposed Public Crossings of HST

No.	HST Align	Approx. HST Station	Road Xing HST	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	City	County
24	C1	2120+00	Idaho Ave	Minor	None	At	Above	Unincorp.	Kings
25	C1	2173+00	Jackson Ave	Minor	None	At	Above	Unincorp.	Kings
26	C1	2246+00	SR 43	Minor	None	At	Below	Unincorp.	Kings
27	C1	2290+00	Kent Ave	Minor	None	At	Above	Unincorp.	Kings
28	C1	2345+00	Kansas Ave	Minor	None	At	Above	Unincorp.	Kings
29	C2	2113+00	Idaho Ave	Minor	None	At	Above	Unincorp.	Kings
30	C2	2166+00	Jackson Ave	Minor	None	At	Above	Unincorp.	Kings
31	C2	2239+00	SR 43	Minor	None	At	Below	Unincorp.	Kings
32	C2	2283+00	Kent Ave	Minor	None	At	Above	Unincorp.	Kings
33	C2	2338+00	Kansas Ave	Minor	None	At	Above	Unincorp.	Kings
34	C2	2665+00	SR 43	Major	None	At	Above	Unincorp.	Kings
35	C2	2760+00	Waukena Ave	Major	Major	At	Above	Unincorp.	Kings
36	C2	2813+00	SR 137	Minor	None	At	Below	Unincorp.	Kings
37	C2	3005+00	SR 43	None	None	Above	Below	Unincorp.	Kings
38	C3	2119+00	Idaho Ave	Minor	None	At	Above	Unincorp.	Kings
39	C3	2172+00	Jackson Ave	Minor	None	At	Above	Unincorp.	Kings
40	C3	2245+00	SR 43	Minor	None	At	Below	Unincorp.	Kings
41	C3	2290+00	Kent Ave	Minor	None	At	Above	Unincorp.	Kings
42	C3	2344+50	Kansas Ave	Minor	None	At	Above	Unincorp.	Kings
43	A1	4119+00	County Road J22	Minor	None	At	Above	Unincorp.	Tulare
44	A1	4598+50	Garces Hwy	Minor	Minor	At	Above	Unincorp.	Kern
45	A1	4785+00	Pond Road	Minor	Minor	At	Above	Unincorp.	Kern
46	A1	4850+00	Peterson Road	Minor	None	At	Above	Unincorp.	Kern
47	L2	5275+00	SR 43	None	None	Above	Below	Unincorp.	Kern

Table 2-B-2
Proposed Public Crossings of HST

No.	HST Align	Approx. HST Station	Road Xing HST	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	City	County
48	L2	5299+00	Whisler Road	None	None	Above	Below	Unincorp.	Kern
49	L2	5461+50	SR 46	Minor	None	At	Above	Unincorp.	Kern
50	L4	5315+00	SR 43	None	None	Above	Below	Unincorp.	Kern
51	L4	5462+00	SR 46	Minor	None	At	Above	Unincorp.	Kern
52	WS2	5746+50	Kimberlina Road	Minor	Minor	At	Above	Unincorp.	Kern
53	WS2	5816+50	Shafter Ave	Minor	None	At	Above	Unincorp.	Kern
54	WS2	5916+50	Beech Ave	Minor	None	At	Above	Unincorp.	Kern
55	WS2	5992+00	Lerdo Hwy	Minor	None	At	Above	Unincorp.	Kern
56	WS2	6020+00	Cherry Ave	Minor	Minor	At	Above	Unincorp.	Kern
57	B1	6943+00	Country Breeze Pl	None	None	Above	Below	Bakersfield	Kern
58	B1	6947+00	Calloway Dr	None	None	Above	Below	Bakersfield	Kern
59	B1	6961+50	Elzworth St	None	None	Above	Below	Bakersfield	Kern
60	B1	6986+00	Brimhall Road	None	None	Above	Below	Bakersfield	Kern
61	B1	7003+00	Coffee Road	None	None	Above	Below	Bakersfield	Kern
62	B1	7102+50	Truxtun Ave	None	None	Above	Below	Bakersfield	Kern
63	B1	7209+00	F St	None	None	Above	Below	Bakersfield	Kern
64	B1	7212+50	G St	None	None	Above	Below	Bakersfield	Kern
65	B1	7277+00	Chico St	None	None	Above	Below	Bakersfield	Kern
66	B1	7280+00	Inyo St	None	None	Above	Below	Bakersfield	Kern
67	B1	7290+50	Kern St	None	None	Above	Below	Bakersfield	Kern
68	B1	7300+00	Eureka St	None	None	Above	Below	Bakersfield	Kern
69	B1	7301+00	King St	None	None	Above	Below	Bakersfield	Kern
70	B1	7311+00	Owens St	None	None	Above	Below	Bakersfield	Kern

Table 2-B-2
Proposed Public Crossings of HST

No.	HST Align	Approx. HST Station	Road Xing HST	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	City	County
71	B1	7312+00	E 18th St	None	None	Above	Below	Bakersfield	Kern
72	B1	7321+00	Robinson St	None	None	Above	Below	Bakersfield	Kern
73	B1	7325+00	E 19th St	None	None	Above	Below	Bakersfield	Kern
74	B1	7326+00	Miller St	None	None	Above	Below	Bakersfield	Kern
75	B1	7331+00	Haley St	None	None	Above	Below	Bakersfield	Kern
76	B1	7336+00	Brown St	None	None	Above	Below	Bakersfield	Kern
77	B1	7342+00	Williams St	None	None	Above	Below	Bakersfield	Kern
78	B1	7356+50	Ogden St	None	None	Above	Below	Bakersfield	Kern
79	B1	7368+00	Chamberlain Ave	None	None	Above	Below	Bakersfield	Kern
80	B1	7384+00	Exchange St	None	None	Above	Below	Bakersfield	Kern
81	B1	7390+50	Webster St	None	None	Above	Below	Bakersfield	Kern
82	B1	7404+50	Quantico Ave	None	None	Above	Below	Bakersfield	Kern
83	B1	7405+50	E California Ave	None	None	Above	Below	Bakersfield	Kern
84	B1	7429+50	Oswell Front St	None	None	Above	Below	Bakersfield	Kern
85	B2	6942+00	Country Breeze Pl	None	None	Above	Below	Bakersfield	Kern
86	B2	6945+00	Calloway Dr	None	None	Above	Below	Bakersfield	Kern
87	B2	6960+00	Elzworth St	None	None	Above	Below	Bakersfield	Kern
88	B2	7001+00	Brimhall Road	None	None	Above	Below	Bakersfield	Kern
89	B2	7001+00	Coffee Road	None	None	Above	Below	Bakersfield	Kern
90	B2	7206+50	F St	None	None	Above	Below	Bakersfield	Kern
91	B2	7210+00	G St	None	None	Above	Below	Bakersfield	Kern
92	B2	7281+00	Tulare St	None	None	Above	Below	Bakersfield	Kern
93	B2	7286+00	Kern St	None	None	Above	Below	Bakersfield	Kern
94	B2	7290+50	Baker St	None	None	Above	Below	Bakersfield	Kern

Table 2-B-2
Proposed Public Crossings of HST

No.	HST Align	Approx. HST Station	Road Xing HST	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	City	County
95	B2	7291+50	Butte St	None	None	Above	Below	Bakersfield	Kern
96	B2	7295+50	King St	None	None	Above	Below	Bakersfield	Kern
97	B2	7300+50	Beale Ave	None	None	Above	Below	Bakersfield	Kern
98	B2	7305+50	Owens St	None	None	Above	Below	Bakersfield	Kern
99	B2	7310+00	Gage St	None	None	Above	Below	Bakersfield	Kern
100	B2	7314+50	Chico St	None	None	Above	Below	Bakersfield	Kern
101	B2	7315+00	Robinson St	None	None	Above	Below	Bakersfield	Kern
102	B2	7320+00	Miller St	None	None	Above	Below	Bakersfield	Kern
103	B2	7325+00	Haley St	None	None	Above	Below	Bakersfield	Kern
104	B2	7330+00	E California Ave	None	None	Above	Below	Bakersfield	Kern
105	B2	7350+50	Vansite St	None	None	Above	Below	Bakersfield	Kern
106	B2	7401+00	Quantico Ave	None	None	Above	Below	Bakersfield	Kern
107	B2	7425+50	Oswell Front St	None	None	Above	Below	Bakersfield	Kern

This page intentionally left blank

Table 2-B-3
Railroad Crossings Within HST Project

No.	HST Align	Approx. HST Station	RR Xing DOT#	RR	Approx. RR MP	Road Xing RR	Road Cross-street	Exist RR Xing Type	If Exist At-Grade	Proposed RR Xing Type	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	Proposed RR Xing Improvement	City	County
1	F1	135+00	757321A	UP	202.5	W McKinley Ave	N Golden State Blvd	At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Fresno	Fresno
2	F1	170+00	757322G	UP	203.1	W Olive Ave	N Golden State Blvd	At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Fresno	Fresno
3	F1	205+00	757323N	UP	203.8	W Belmont Ave		Road Below	N/A	Road Above	None	Minor	Below	Road Above	Remove Underpass, Construct Overhead	Fresno	Fresno
4	F1	232+50	748301P	UP	204.2	SR 180		Road Above	N/A	Road Above	None	None	Below	Road Above	No Change	Fresno	Fresno
5	F1	239+00	757324V	UP	204.5	Divisadero St		At-Grade	Close	Close	None	Minor	Below	N/A	Remove Xing	Fresno	Fresno
6	F1	271+50	757327R	UP	205.1	Stanislaus St		Road Above	N/A	Road Above	None	None	At	Road Above	Replace Overhead	Fresno	Fresno
7	F1	276+50	757328X	UP	205.2	Tuolumne St		Road Above	N/A	Road Above	None	None	At	Road Above	Replace Overhead	Fresno	Fresno
8	F1	286+25	757329E	UP	205.4	Fresno St		Road Below	N/A	Road Below	None	Minor	At	Road Below	Lower Road Under HST & G St	Fresno	Fresno
9	F1	296+00	757330Y	UP	205.5	Tulare St		At-Grade	Close	Road Above	None	Major	At	Road Above	Opt1: Remove At-Grade, Construct OH	Fresno	Fresno
10	F1	296+00	757330Y	UP	205.5	Tulare St		At-Grade	Close	Road Below	None	Minor	At	Road Below	Opt2: Remove At-Grade, Construct UP	Fresno	Fresno
11	F1	301+00	757331F	UP	205.6	Kern St		At-Grade	Close	Close	None	Minor	At	N/A	Remove Xing	Fresno	Fresno
12	F1	310+00	757332M	UP	205.8	Mono St		At-Grade	Close	Close	None	Minor	At	N/A	Remove Xing	Fresno	Fresno
13	F1	315+00	757334B	UP	205.9	Ventura St		At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Fresno	Fresno
14	F1	329+50	757335H	UP	206.2	Golden St Blvd Ramps		Road Above	N/A	Close	None	Minor	At	N/A	Remove Xing	Fresno	Fresno
15	F1	332+50	757336P	UP	206.3	SR 41		Road Above	N/A	Road Above	None	None	At	Road Above	No Change	Fresno	Fresno
16	F1	359+00	757337W	UP	206.7	S Van Ness Ave		At-Grade	Close	Close	None	Minor	At	N/A	Remove Xing	Fresno	Fresno
17	F1	365+00	757388G	UP	206.8	Florence Ave		At-Grade	Close	Close	None	Minor	At	N/A	Remove Xing	Fresno	Fresno
18	F1	380+00	757389N	UP	207.2	E Church Ave		At-Grade	Close	Road Above	Minor	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Fresno	Fresno
19	F1	380+40	028512Y	BNSF	996.2	E Church Ave		At-Grade	Remain	At-Grade	Minor	Minor	At	Road Above	Reconstruct At-Grade	Fresno	Fresno
20	F1	416+00	757391P	UP	207.8	Jensen Ave		Road Above	N/A	Road Above	None	None	Below	Road Above	No Change	Fresno	Fresno
21	F1	416+00	028492P	BNSF	995.6	Jensen Ave		Road Above	N/A	Road Above	None	None	Below	Road Above	No Change	Fresno	Fresno
22	F1	530+25	028462X	BNSF	993.3	E Central Ave		At-Grade	Close	Road Above	None	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
23	F1	558+00	028461R	BNSF	992.8	E Malaga Ave		At-Grade	Close	Close	None	None	At	N/A	Remove Xing	Unincorp.	Fresno
24	F1	585+00	028459P	BNSF	992.3	E American Ave		At-Grade	Close	Road Above	Minor	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
25	H	1007+00	028445G	BNSF	984.2	E Mountain View Ave		At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
26	H	1119+00	028442L	BNSF	982.1	Conejo Ave		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Fresno
27	H	1157+00	028440X	BNSF	981.0	S Peach Ave		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 640' North of RR Xing	Unincorp.	Fresno
28	H	1175+00	028441E	BNSF	981.4	E Clarkson Ave		At-Grade	Remain	At-Grade	Major	Minor	At	N/A	HST 830' East of RR Xing	Unincorp.	Fresno
29	H	636+00	028458H	BNSF	991.3	E Lincoln Ave		At-Grade	Close	Road Above	None	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
30	H	658+00	028457B	BNSF	990.8	E Clayton Ave		At-Grade	Close	Road Above	Minor	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno

Table 2-B-3
Railroad Crossings Within HST Project

No.	HST Align	Approx. HST Station	RR Xing DOT #	RR	Approx. RR MP	Road Xing RR	Road Cross-street	Exist RR Xing Type	If Exist At-Grade	Proposed RR Xing Type	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	Proposed RR Xing Improvement	City	County
31	H	686+00	028456U	BNSF	990.3	E Adams Ave		At-Grade	Close	Road Above	None	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
32	H	740+00	028455M	BNSF	989.3	E South Ave		At-Grade	Close	Road Above	Minor	None	At	Road Above	RemoveAt-Grade, Construct Overhead	Unincorp.	Fresno
33	H	790+50	028454F	BNSF	988.3	E Manning Ave		At-Grade	Close	Road Above	None	None	At	Road Above	RemoveAt-Grade, Construct Overhead	Unincorp.	Fresno
34	H	818+00	028453Y	BNSF	987.8	E Springfield Ave		At-Grade	Close	Road Above	None	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
35	H	898+00	028452S	BNSF	986.2	E Floral Ave		At-Grade	Close	Road Above	Minor	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
36	H	952+00	028449J	BNSF	985.2	E Nebraska Ave		At-Grade	Close	Road Above	Minor	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Fresno
37	H	997+00	028446N	BNSF	984.4	S Chestnut Ave		At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Fresno
38	C1	2812+00	028332B	BNSF	950.5	Santa Fe Way		At-Grade	Close	At-Grade	Minor	None	Above	N/A	Relocate at-grade crossing to east	Corcoran	Kings
39	C1	2827+50	028331U	BNSF	950.2	Santa Fe Way		At-Grade	Close	At-Grade	Minor	None	Above	N/A	Relocate at-grade crossing to east	Corcoran	Kings
40	C1	2535+30	028345C	BNSF	955.8	Private		At-Grade	Close	N/A	None	Major	At	N/A	Remove Xing	Unincorp.	Kings
41	C1	2624+00	028344V	BNSF	954.0	Nevada Ave	SR 43	At-Grade	Close	Road Above	Major	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kings
42	C1	2748+00	028343N	BNSF	951.7	Orange Ave	Otis Ave	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Corcoran	Kings
43	C1	2784+00	028341A	BNSF	951.0	Brokaw Ave	Otis Ave	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Corcoran	Kings
44	C1	2796+00	028337K	BNSF	950.8	Whitley Ave	Otis Ave	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Corcoran	Kings
45	C1	2811+50	028334P	BNSF	950.5	Sherman Ave	Santa Fe Ave	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Corcoran	Kings
46	C1	2914+50	028330M	BNSF	948.6	4th Avenue	Santa Fe Ave	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Kings
47	C1	2995+50	028329T	BNSF	947.0	Avenue 144		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Tulare
48	C1	3057+00	028328L	BNSF	945.9	Avenue 136		At-Grade	Close	Close	None	Minor	Above	N/A	Remove Xing	Unincorp.	Tulare
49	C2	2528+00	028345C	BNSF	955.8	Private		At-Grade	Close	N/A	None	Major	At	N/A	Remove Xing	Unincorp.	Kings
50	C2	2624+00	028344V	BNSF	954.0	Nevada Ave	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kings
51	C2	2996+00	028329T	BNSF	947.0	Avenue 144	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 220' East of RR Xing	Unincorp.	Tulare
52	C2	3057+00	028328L	BNSF	945.9	Avenue 136		At-Grade	Close	Close	None	Minor	Above	N/A	Remove Xing	Unincorp.	Tulare
53	C3	2534+50	028345C	BNSF	955.8	Private		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Kings
54	C3	2624+00	028344V	BNSF	954.0	Nevada Ave	SR 43	At-Grade	Close	Road Above	Major	None	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kings
55	C3	2749+00	028343N	BNSF	951.7	Orange Ave	Otis Ave	At-Grade	Close	Road Above	Major	Major	At	Road Above	Remove At-Grade, Construct Overhead	Corcoran	Kings
56	C3	2780+00	NA	BNSF	951.3	Patterson Ave	Otis Ave	None	N/A	Road Above	None	Major	At	Road Above	New Overhead Replacing Brokaw Ave	Corcoran	Kings
57	C3	2783+50	028341A	BNSF	951.0	Brokaw Ave	Otis Ave	At-Grade	Close	Close	None	Minor	At	N/A	Remove Xing	Corcoran	Kings
58	C3	2795+50	028337K	BNSF	950.8	Whitley Ave	Otis Ave	At-Grade	Close	Road Above	Major	Major	At	Road Above	Remove At-Grade, Construct Overhead	Corcoran	Kings
59	C3	2811+00	028334P	BNSF	950.5	Sherman Ave	Santa Fe Ave	At-Grade	Close	Close	None	Minor	At	N/A	Remove Xing	Corcoran	Kings
60	C3	2811+50	NA	BNSF	950.5	Boswell Access	Santa Fe Ave	None	N/A	Road Above	Minor	None	At	Road Above	New Overhead Replacing Boswell Sherman Ave Access	Corcoran	Kings

Table 2-B-3
Railroad Crossings Within HST Project

No.	HST Align	Approx. HST Station	RR Xing DOT#	RR	Approx. RR MP	Road Xing RR	Road Cross-street	Exist RR Xing Type	If Exist At-Grade	Proposed RR Xing Type	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	Proposed RR Xing Improvement	City	County
61	C3	2915+00	028330M	BNSF	948.6	4th Ave	Santa Fe Ave	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Kings
62	C3	2963+00	NA	BNSF	948.0	Avenue 148	SR 43	None	N/A	Road Above	Major	Major	At	Road Above	New Overhead Replacing 4th Ave & Avenue 144	Unincorp.	Tulare
63	C3	2995+50	028329T	BNSF	947.0	Avenue 144	SR 43	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Tulare
64	C3	3057+00	028328L	BNSF	945.9	Avenue 136		At-Grade	Close	Close	None	Minor	Above	N/A	Remove Xing	Unincorp.	Tulare
65	P	3119+00	028327E	BNSF	944.7	Avenue 128	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Tulare
66	P	3171+00	028326X	BNSF	943.5	Avenue 120/Hesse Ave	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Tulare
67	P	3233+00	028325R	BNSF	942.4	Avenue 112	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Tulare
68	P	3425+00	028324J	BNSF	938.8	Avenue 88	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Tulare
69	A2	4127+00	028323C	BNSF	934.2	County Rd J22	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Tulare
70	A2	4245+50	028322V	BNSF	932.1	Palmer Ave	SR 43	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Tulare
71	A2	4365+00	028321N	BNSF	929.8	Avenue 24	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Tulare
72	A2	4636+50	028317Y	BNSF	924.6	Garces Hwy	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kern
73	A2	4750+00	028316S	BNSF	922.5	Schuster Rd	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kern
74	A2	4804+00	028315K	BNSF	921.5	Pond Rd	SR 43	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Kern
75	A2	4850+00	028310B	BNSF	920.5	Peterson Rd	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kern
76	L1	5272+00	028308A	BNSF	917.0	Taussig Ave	SR 43	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Kern
77	L1	5218+50	028309G	BNSF	918.0	Blankenship Ave	SR 43	At-Grade	Remain	At-Grade	None	None	At	N/A	No Change	Unincorp.	Kern
78	L2	5272+00	028308A	BNSF	917.0	Taussig Ave	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Kern
79	L2	5218+50	028309G	BNSF	918.0	Blankenship Ave	SR 43	At-Grade	Remain	At-Grade	None	None	At	N/A	No Change	Unincorp.	Kern
80	L3	5219+00	028309G	BNSF	918.0	Blankenship Ave	SR 43	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Kern
81	L3	5272+00	028308A	BNSF	917.0	Taussig Ave	SR 43	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Kern
82	L4	5219+00	028309G	BNSF	918.0	Blankenship Ave	SR 43	At-Grade	Close	Close	None	Major	At	N/A	Remove Xing	Unincorp.	Kern
83	L4	5272+00	028308A	BNSF	917.0	Taussig Ave	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Kern
84	WS1	5497+00	028306L	BNSF	914.5	McCombs Ave	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Wasco	Kern
85	WS1	5557+00	028304X	BNSF	913.5	SR 46		Road Below	N/A	Road Below	None	None	Above	Road Below	No Change	Wasco	Kern
86	WS1	5578+50	028302J	BNSF	913.1	6th St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Wasco	Kern
87	WS1	5610+00	028300V	BNSF	912.5	Poso Drive		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Wasco	Kern
88	WS1	5716+00	028397U	BNSF	910.4	Kimberlina Rd		At-Grade	Close	Road Below	None	Minor	At	Road Below	Remove At-Grade, Construct Underpass	Unincorp.	Kern
89	WS1	5835+00	028395F	BNSF	908.0	Merced Ave	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kern
90	WS1	5884+00	028394Y	BNSF	907.2	Poplar Ave	SR 43	At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kern

Table 2-B-3
Railroad Crossings Within HST Project

No.	HST Align	Approx. HST Station	RR Xing DOT #	RR	Approx. RR MP	Road Xing RR	Road Cross-street	Exist RR Xing Type	If Exist At-Grade	Proposed RR Xing Type	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	Proposed RR Xing Improvement	City	County
91	WS1	5919+00	028393S	BNSF	906.5	Fresno Ave	SR 43	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kern
92	WS1	5958+50	028392K	BNSF	905.8	Shafter Ave	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Shafter	Kern
93	WS1	5976+50	028391D	BNSF	905.5	Central Ave	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Shafter	Kern
94	WS1	5994+50	028390W	BNSF	905.1	Lerdo Highway	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Shafter	Kern
95	WS1	6032+50	028386G	BNSF	904.4	Beech Ave & Los Angeles St	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Shafter	Kern
96	WS1	6068+50	028385A	BNSF	903.7	Riverside	SR 43	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Kern
97	WS1	6088+00	N/A	BNSF	903.3	Santa Fe Way	Relocated Spur	None	N/A	At-Grade	Minor	None	Above	N/A	New at-grade crossing of relocated spur	Unincorp.	Kern
98	WS1	6098+00	N/A	BNSF	903.1	Orange Ave	Relocated Spur	None	N/A	At-Grade	None	None	Above	N/A	New at-grade crossing of relocated spur	Unincorp.	Kern
99	WS1	6107+50	028384T	BNSF	903.0	Cherry Ave	Santa Fe Way	At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Unincorp.	Kern
100	WS1	6117+00	N/A	BNSF	902.8	Burbank St	Relocated Spur	None	N/A	At-Grade	None	None	Above	N/A	New at-grade crossing of relocated spur	Unincorp.	Kern
101	WS1	6133+00	030102A	BNSF	902.7	Cherry Ave	Removed Spur	At-Grade	Closed	N/A	None	None	At	N/A	Remove at-grade crossing of old spur	Unincorp.	Kern
102	WS1	6143+00	028383L	BNSF	902.3	Burbank St	Santa Fe Way	At-Grade	Close	Road Above	Major	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Unincorp.	Kern
103	WS1	6161+00	030101T	BNSF	901.9	Santa Fe Way	Removed Spur	At-Grade	Closed	N/A	None	None	At	N/A	Remove at-grade crossing of old spur	Unincorp.	Kern
104	WS1	6293+00	028381X	BNSF	899.5	7th Standard Road	Santa Fe Way	Road Above	N/A	Road Above	None	None	At	Road Above	No Change	Unincorp.	Kern
105	WS1	6405+00	028380R	BNSF	897.3	Kratzmeyer Rd	Santa Fe Way	At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Bakersfield	Kern
106	WS1	6443+00	028379W	BNSF	896.6	Reina Rd	Santa Fe Way	At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Bakersfield	Kern
107	WS2	6250+00	028381X	BNSF	899.5	7th Standard Road	Santa Fe Way	Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Unincorp.	Kern
108	WS2	6362+00	028380R	BNSF	897.3	Kratzmeyer Rd	Santa Fe Way	At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Bakersfield	Kern
109	WS2	6399+50	028379W	BNSF	896.6	Reina Rd	Santa Fe Way	At-Grade	Close	Road Above	None	Minor	At	Road Above	Remove At-Grade, Construct Overhead	Bakersfield	Kern
110	B1	6799+50	028376B	BNSF	895.3	Hageman Rd		Road Below	N/A	Road Below	None	None	At	Road Below	No Change	Bakersfield	Kern
111	B1	6879+00	028375U	BNSF	893.8	SR 58		Road Above	N/A	Road Above	None	Minor	At	Road Above	Replace Overhead	Bakersfield	Kern
112	B1	7151+50	028363A	BNSF	888.7	SR 99		Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Bakersfield	Kern
113	B1	7164+00	028362T	BNSF	888.5	Oak St		Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Bakersfield	Kern
114	B1	7216+00	028359K	BNSF	887.5	H St		Road Below	N/A	Road Below	None	None	Above	Road Below	HST 220' South of RR Xing	Bakersfield	Kern
115	B1	7223+00	028357W	BNSF	887.4	Chester Ave		Road Below	N/A	Road Below	None	None	Above	Road Below	HST 170' South of RR Xing	Bakersfield	Kern
116	B1	7230+00	028354B	BNSF	887.2	L St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Bakersfield	Kern
117	B1	7237+00	028351F	BNSF	887.1	N St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Bakersfield	Kern
118	B1	7237+50	027494A	BNSF	887.1	Pedestrian Overhead		Road Above	N/A	Road Above	Minor	Minor	Above	N/A	Relocate Ped Overhead	Bakersfield	Kern
119	B1	7248+00	028297P	BNSF	886.9	Q St		Road Below	N/A	Road Below	None	None	Above	Road Below	No Change	Bakersfield	Kern
120	B1	7270+50	028290S	BNSF	886.5	SR 204/Union Ave		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 200' South of RR Xing	Bakersfield	Kern

Table 2-B-3
Railroad Crossings Within HST Project

No.	HST Align	Approx. HST Station	RR Xing DOT#	RR	Approx. RR MP	Road Xing RR	Road Cross-street	Exist RR Xing Type	If Exist At-Grade	Proposed RR Xing Type	Road Realign	Road Network/Flow Changes	Prop. HST Grade	Proposed HST Xing Road	Proposed RR Xing Improvement	City	County
121	B1	7275+00	028289X	BNSF	886.4	Sonora St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 250' South of RR Xing	Bakersfield	Kern
122	B1	7285+00	028288R	BNSF	886.2	Tulare St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 340' South of RR Xing	Bakersfield	Kern
123	B1	7295+50	028285V	BNSF	886.0	Baker St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 440' South of RR Xing	Bakersfield	Kern
124	B1	7306+00	028284N	BNSF	885.8	E Truxton		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 510' South of RR Xing	Bakersfield	Kern
125	B1	7308+00	028283G	BNSF	885.7	Beale Ave		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 510' South of RR Xing	Bakersfield	Kern
126	B1	7318+00	028281T	BNSF	885.6	E 21st St/Gage St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 640' South of RR Xing	Bakersfield	Kern
127	B1	7328+00	028280L	BNSF	885.4	Sumner/Miller St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 750' South of RR Xing	Bakersfield	Kern
128	B1	7346+00	750949U	SJVR	313.8	Edison Hwy		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 200' South of RR Xing	Bakersfield	Kern
129	B1	7350+00	750950N	SJVR	314.1	Washington St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 200' South of RR Xing	Bakersfield	Kern
130	B1	7351+00	750951V	SJVR	314.1	Edison Hwy		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 200' South of RR Xing	Bakersfield	Kern
131	B1	7377+00	757408R	UP	314.4	Mt Vernon Ave		Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Bakersfield	Kern
132	B1	7431+00	748417R	UP	315.4	Oswell St		Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Bakersfield	Kern
133	B2	6799+50	028376B	BNSF	895.3	Hageman Rd		Road Below	N/A	Road Below	None	None	At	Road Below	No Change	Bakersfield	Kern
134	B2	6879+00	028375U	BNSF	893.8	SR 58		Road Above	N/A	Road Above	None	Minor	At	Road Above	Replace Overhead	Bakersfield	Kern
135	B2	7112+00	028292F	BNSF	889.4	Truxtun Ave		Road Below	N/A	Road Below	None	None	Above	Road Below	HST 400' West of RR Xing	Bakersfield	Kern
136	B2	7147+50	028363A	BNSF	888.7	SR 99		Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Bakersfield	Kern
137	B2	7161+50	028362T	BNSF	888.5	Oak St		Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Bakersfield	Kern
138	B2	7214+00	028359K	BNSF	887.5	H St		Road Below	N/A	Road Below	None	None	Above	Road Below	HST 150' North of RR Xing	Bakersfield	Kern
139	B2	7221+00	028357W	BNSF	887.4	Chester Ave		Road Below	N/A	Road Below	None	None	Above	Road Below	HST 70' North of RR Xing	Bakersfield	Kern
140	B2	7228+00	028354B	BNSF	887.2	L St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Bakersfield	Kern
141	B2	7235+00	028351F	BNSF	887.1	N St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Bakersfield	Kern
142	B2	7235+50	027494A	BNSF	887.1	Pedestrian Overhead		Road Above	N/A	Road Above	Minor	Minor	Above	N/A	Relocate Ped Overhead	Bakersfield	Kern
143	B2	7246+00	028297P	BNSF	886.9	Q St		Road Below	N/A	Road Below	None	None	Above	Road Below	HST 220' South of RR Xing	Bakersfield	Kern
144	B2	7268+50	028290S	BNSF	886.5	SR 204/Union Ave		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 800' South of RR Xing	Bakersfield	Kern
145	B2	7271+00	028289X	BNSF	886.4	Sonora St		At-Grade	Remain	At-Grade	None	None	Above	Road Below	HST 950' South of RR Xing	Bakersfield	Kern
146	B2	7342+00	750952C	SJVR	314.1	California Ave		At-Grade	Remain	At-Grade	None	None	Above	Road Below	No Change	Bakersfield	Kern
147	B2	7431+00	748417R	UP	315.4	Oswell St		Road Above	N/A	Road Above	None	None	Above	Road Below	No Change	Bakersfield	Kern

This page intentionally left blank