STATE OF CALIFORNIA EDMUND G. BROWN JR., *Governor*

PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

F I L E D
05-24-11
01:49 PM

May 24, 2011

Agenda ID #10432
Quasi-Legislative

TO PARTIES OF RECORD IN INVESTIGATION 09-07-028

This is the proposed decision of Commissioner Simon. It will not appear on the Commission's agenda sooner than 30 days from the date it is mailed. The Commission may act then, or it may postpone action until later.

When the Commission acts on the proposed decision, it may adopt all or part of it as written, amend or modify it, or set it aside and prepare its own decision. Only when the Commission acts does the decision become binding on the parties.

Parties to the proceeding may file comments on the proposed decision as provided in Article 14 of the Commission's Rules of Practice and Procedure (Rules), accessible on the Commission's website at www.cpuc.ca.gov. Pursuant to Rule 14.3, opening comments shall not exceed 15 pages.

Comments must be filed pursuant to Rule 1.13 either electronically or in hard copy. Comments should be served on parties to this proceeding in accordance with Rules 1.9 and 1.10. Electronic and hard copies of comments should be sent to ALJ Wilson at smw@cpuc.ca.gov and the assigned Commissioner. The current service list for this proceeding is available on the Commission's website at www.cpuc.ca.gov.

/s/ KAREN V. CLOPTON
Karen V. Clopton, Chief
Administrative Law Judge

KVC:jt2

Attachment

Decision **PROPOSED DECISION OF COMMISSIONER SIMON**
(Mailed 5/24/2011)

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Investigation for the purpose of establishing a list for the fiscal years 2010-2011 and 2011-2012 of existing crossings at grade of city streets, county roads or state highways in need of separation, or existing separations in need of alterations or reconstruction in accordance with Section 2452 of the Streets and Highways Code.	Investigation 09-07-028 (Filed July 30, 2009)

FINAL DECISION ESTABLISHING PRIORITY LIST FOR FISCAL YEAR 2011 – 2012

1. Summary

This Final Decision adopts the California Grade Separation Priority List for Fiscal Year (FY) 2011 - 2012, as required by the California Streets and Highways Code § 2450 *et seq*. Four projects from the FY 2010 - 2011 Grade Separation Program Priority List adopted by Decision 10-06-005, the interim decision in this investigation, have received or will receive allocations this fiscal year. These projects are deleted from the FY 2010 - 2011 Grade Separation Program Priority List to create the FY 2011 - 2012 Grade Separation Program Priority List. Investigation 09-07-028 is closed.

2. Background

2.1. Historical

Section 2452 of the California Streets and Highways (S&H) Code requires the California Public Utilities Commission (Commission) to establish the Grade Separation Program Priority List (Priority List) for projects and furnish it to the

California Transportation Commission (CTC) by July 1st of each year for use in the fiscal year beginning on that date. The Priority List establishes the relative priorities for allocation of funds to qualified proposed projects for crossings most urgently in need of separation or alteration, to meet the program goals of eliminating hazardous railroad crossings.[1] These projects include construction of new grade separations to replace existing at-grade crossings, or alteration or reconstruction of existing grade separations. The CTC is responsible for allocating (distributing) the funds to qualified projects, a responsibility it has delegated to the California Department of Transportation (Caltrans).[2] Section 190 of the S&H Code requires the State's annual budget to include $15 million for funding of these Priority List projects.

Every two years, the Commission issues a new Order Instituting Investigation (OII), in which it determines the Priority List for the next two Fiscal Years (FY). The Commission adopts the Priority List for the first FY by interim decision issued before that FY begins. The Commission then revises the Priority List for the second FY by deleting projects for which funds were actually allocated in the first, adopting a revised Priority List by final decision before the second FY begins. The two-year funding cycle begins again with the issuance of a new OII for the creation of a new Priority List for the following two FYs.

In particular, the procedures adopted by the Commission to process this OII requires local agencies to provide planned grade separation project nominations to this Commission in response to a request for nominations in the

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[1] S&H Code § 2450 *et seq*.

[2] S&H Code § 2453.

ordering paragraphs of the new OII. The Commission then reviews each nominated project to ensure that it is eligible for the Grade Separation Program, and holds a series of hearings so that nominating agencies may present each proposal, answer questions about its content, and confirm its accuracy. Attendance and participation in these hearings is mandatory for any project proponent. The Commission's Consumer Protection and Safety Division (CPSD) staff then adjusts the draft Priority List in accordance with evidence received at the hearings. This draft Priority List is then presented to the Commission for adoption by interim decision. Projects for construction of new grade separations of existing at-grade railroad grade crossings of public streets, roads, or highways, and existing separation structures in need of alteration or reconstruction are included in the Priority List.

2.2. Procedural Background

We initiated the current proceeding by issuing Investigation (I.) 09-07-028 on July 30, 2009, to create the Priority List for FY 2010-2011 and FY 2011-2012. CPSD received a total of 91 timely nominations from railroads, light rail transit agencies, cities, counties, and other interested parties for projects to be considered for inclusion in the first Priority List of the current OII. After evaluating each nominated project, CPSD produced a preliminary Priority List from the data furnished in the nominations. Evidentiary hearings were then held, in which the Commission gathered further evidence regarding the nominated projects. CPSD then issued a revised Priority List, which included all 91 nominated projects, based on the evidence presented at the hearings. By Decision (D.) 10-06-005, we adopted CPSD's revised Priority List for FY 2010-2011. This initial Priority List established the relative priorities for funding qualified highway-rail crossing projects which the Commission determines to

be most urgently in need of separation, alteration or reconstruction, in the current OII.

3. Establishment of the FY 2011 – 2012 Priority List

Caltrans has notified the CPSD that allocations were made to four of the projects listed in the Priority List adopted in our interim decision, D.10-06-005. The CPSD Rail Crossings Engineering Section staff has removed all four of these projects from the FY 2010-2011 Priority list and prepared a revised Priority List for FY 2011 - 2012, which is appended to this decision (Attachment A to this decision). We adopt this FY 2011 - 2012 Priority List prepared by CPSD. Adoption of the FY 2011-2012 Priority List concludes this biennial proceeding.

The four projects for which allocations have been made and which are removed from the FY 2010-2011 Priority List are:

FY 2010 - 2011 Ranking	Project Name
5	City of San Bruno's San Bruno Avenue, San Mateo Avenue & Angus Avenue
8	City of Ontario's Milliken Avenue (B-525.4)
32	City of Riverside's Iowa Avenue
48	City of Corona's Auto Center Drive

4. Comments on Proposed Decision

The proposed decision of Commissioner Simon in this matter was mailed to the parties in accordance with Section 311 of the Public Utilities Code and comments were allowed under Rule 14.3 of the Commission's Rules of Practice and Procedure. Comments were filed on _____, and reply comments were filed on _____ by _____.

5. Assignment of Proceeding

Timothy Alan Simon is the assigned Commissioner and Seaneen M. Wilson is the assigned Administrative Law Judge in this proceeding.

Findings of Fact

1. The FY 2010–2011 Priority List was established by the interim decision in this OII, D.10-06-005.

2. Caltrans has informed CPSD that project numbers 5, 8, 32, and 48, on the FY 2010 – 2011 Priority List have received allocations.

3. CPSD has prepared the revised list for the second fiscal year, FY 2011 – 2012 (Attachment A to this decision).

Conclusion of Law

1. The FY 2011 - 2012 Grade Separation Priority List (Attachment A to this decision) should be adopted.

2. OII 09-07-028 should be closed.

IT IS ORDERED that:

1. Pursuant to California Streets and Highways Code § 2450 et seq., the Fiscal Year 2011-2012 Grade Separation Priority List included in Attachment A to this decision, is adopted, as the list of projects, in order of priority, which the California Public Utilities Commission determines to be most urgently in need of separation or alteration.

2. The California Public Utilities Commission's Executive Director must furnish a certified copy of this decision to the California Department of Transportation and the California Transportation Commission.

3. Order Instituting Investigation 09-07-028 is closed.

This order is effective today.

Dated _____, 2011 at San Francisco, California.

Attachment A

Grade Separation Priority List

For Fiscal Year 2011-2012

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Proposed Priority List for Fiscal Years 2011-2012 By Rank

Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share	**AH/** WC	**BD/** HC	**VS/** SR	**RS/** AS	**CG/** POF	**PT/** AP	**OF/** DE	**SCF/** SF	Priority Index
1	City of Santa Fe Springs	Rosecrans Ave/Marquard t Ave	002-157.80	027656A	BNSF	31086	133	0	5000	16	5	3	4	11	10	11.0	43.8	14100.9
2	City of Santa Fe Springs	Norwalk Blvd/Los Nietos Rd	BBJ-497.28 & 002-153.10	027649P& 027650J	BNSF	33476	133	0	5000	11	6	5	8	26	20	13.5	78.3	10763.8
3	City of Corona	McKinley Street	002B-21.20	026519P	BNSF	37766	76	0	5000	11	4	2	3	11	5	11.5	36.9	6925.4
4	County of Riverside	Magnolia Avenue (2B-20.30, 2B-20.35 & 2B-20.4D)	002B-20.30, 002B-20.35 & 002B-20.40D	026517B, 026518H & 027471T	BNSF	20740	76	0	5000	20	3	3	3	27	5	13.5	54.1	6674.3
5	Alameda Corridor-East Construction Authority	Nogales Street	003-22.40	811479J	UPRR	45096	45	0	5000	8	2	2	5	10	4	16.0	39.3	3692.1
6	City of Riverside	3rd Street	002B-9.50 & 001BJ-545.80	026480N & 747081T	BNSF/U PRR	28476	80	0	5000	5	10	4	8	18	3	11.5	54.8	2788.5
7	City of Fullerton	Raymond Avenue	002B-45.00	026581A	BNSF	16200	68	0	5000	9	4	1	3	9	4	9.5	30.5	2233.7
8	City of Richmond	Cutting Boulevard	001A-13.80	751678U	UPRR	13148	64	0	5000	12	3	1	6	13	7	14.5	44.4	2232.2

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Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share	**AH/** WC	**BD/** HC	**VS/** SR	**RS/** AS	**CG/** POF	**PT/** AP	**OF/** DE	**SCF/** SF	Priority Index
9	City of Montclair	Monte Vista Avenue	001B-517.40 & 003-35.00	746936L & 810896P	UPRR	22631	76	0	5000	5	4	2	5	21	4	11.5	47.5	2111.4
10	City of Los Angeles	North Main Street	101VY-1.17 & 101RI-481.70	027607D & 811040M	SCRRA	13761	132	0	5000	4	10	2	0	22	10	14.5	58.0	1874.5
11	City of Fullerton	State College Boulevard (2B-44.04)	002B-44.04	026579Y	BNSF	24100	68	0	5000	4	4	2	4	11	4	9.0	34.0	1672.8
12	County of Riverside	Clay Street	003-50.90	906015V	UPRR	20104	42	0	5000	7	2	1	5	9	4	9.5	30.5	1381.5
13	City of Burlingame	Broadway Avenue	105E-15.20	754879V	PCJPB	26706	94	0	10000	4	2	0	6	9	10	12	39	1294.2
14	Greater Bakersfield Separation of Grade District	Morning Drive (SR 184)	001B-317.50	757413M	UPRR	14600	71	0	5000	5	3	3	5	12	0	10.0	32.7	1276.6
15	Kern County	Olive Drive	001B-308.9	756945M	UPRR	20000	51	0	5000	5	3	3	5	9	0	11.0	30.8	1254.8
16	Los Angeles County DPW	Fullerton Road	003-21.40	810880T	UPRR	24618	58	0	5000	3	2	1	5	10	5	7.0	30.3	1172.6
17	City of Ontario	Milliken Avenue (3-43.4)	003-43.40	810913D	UPRR	18520	60	0	5000	4	2	4	5	11	4	10.5	36.3	1147.5

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18	Los Angeles County DPW	Turnbull Canyon Road	003-17.20	810867E	UPRR	14924	58	0	5000	5	2	1	5	11	5	7.0	30.6	1069.3
19	Alameda Corridor-East Construction Authority	Mission Drive	001B-490.30	746880U	UPRR	21700	31	0	5000	6	2	0	4	7	1	11.5	25.7	967.5
20	Alameda Corridor-East Construction Authority	Baldwin Avenue	001B-493.60	746890A	UPRR	28000	31	0	5000	4	2	2	4	10.5	1	9	28.48	896.5
21	County of Riverside	Jurupa Road	003-48.20 & 003-48.30-C	810979D & 810980X	UPRR	12935	36	0	5000	8	1	1	5	18	5	13.0	43.4	881.6
22	Los Angeles County DPW	Fairway Drive	003-23.40	810883N	UPRR	35135	58	0	5000	1	2	2	4	9	5	13.0	35.5	850.6
23	San Joaquin County	West Lane	001BEL-82.14	752897L	UPRR	26362	28	0	5000	4	2	1	2	7	2	11.0	24.8	762.9
24	Los Angeles County DPW	El Segundo Boulevard	001BBH-492.60 & 084L-10.40	747868R	UPRR/L ACMTA	16875	4	247	5000	6	3	1	2	12	10	14.0	42.0	720.0
25	Port of Los Angeles	Fries Avenue	121SB-1.80C & 121SA-1.70-C	747735Y & 747734S	PHL	12088	64	0	5000	3	10	2	0	19	0	8.5	39.4	658.3
26	City of Riverside	Riverside Avenue	003-55.60	811012J	UPRR	11735	26	0	5000	9	2	1	4	11	4	11.0	33.1	643.3

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27	City of Ontario	Archibald Avenue	003-41.20	810911P	UPRR	9435	60	0	5000	4	2	2	5	14	4	10.5	37.3	603.4
28	City of Hayward	Tennyson Road	001D-23.00	749774W	UPRR	31232	28	0	10946	6	1	1	3	6	4	15	30	589.2
29	City of Diamond Bar	Lemon Avenue	003-24.40	810885C	UPRR	20237	45	0	5000	2	1	2	5	8.2	4	10	30.2	576.6
30	City of Los Angeles	North Spring Street*	101VY-1.36A & 101EB-481.48A	027606W & 811042B	SCRRA	18829	132	0	5000	10	0	5	5.1	4	5	7.0	36.1	533.2
31	City of Riverside	Madison Street	002B-13.70	026501E	BNSF	14674	85	0	5000	1	3	2	4	8	5	10.0	32.3	531.2
32	City of Riverside	Jackson Street	002B-15.80	026507V	BNSF	7150	85	0	5000	3	5	2	4	9	5	10.0	34.9	521.1
33	City of Lodi	Harney Lane	001BEL-73.84	752902F	UPRR	15,073	32	0	4000	3	1	3	3	9.2	0	10.5	26.7	509.0
34	City of San Mateo	Poplar Avenue* Santa Inez Avenue* Monte Diablo Avenue* Tilton Avenue*	105E-17.20B 105E-17.30B 105E-17.40B 105E-17.50B	754896L 754897T 754898A 754899G	PCJPB	18103	94	0	5000	0	38	8	0.5	30	29	32.0	137.5	477.8
35	City of Riverbank	Patterson Road	002-1096.10	028767V	BNSF	15850	33	0	5000	3	3	1	4	12	4	12.0	35.8	454.2

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36	Alameda Corridor-East Construction Authority	Del Mar Avenue	001B-490.70	746882H	UPRR	17100	31	0	5000	3	2	0	4	9	1	10.5	26.5	450.6
37	San Bernardino Associated Governments (SANBAG)	Hunts Lane	B-541.00	747168J	UPRR	12449	42	0	5000	3	3	1	3	9	1	10.0	27.0	445.3
38	Kern County	Seventh Standard Road	002-899.50	028381X	BNSF	8700	38	0	5000	5	2	5	4	9.8	4	10	34.8	431.5
39	Los Angeles County DPW	Avenue S	101VY-66.92	750601D	SCRRA	26032	37	0	5000	1	1	5	3	9	4	11.0	33.0	418.3
40	City of Riverside	Pierce Avenue	002B-19.60	026515M	BNSF	10434	85	0	5000	1	3	2	4	7	5	9.5	31.0	385.7
41	City of Fremont	Warren Avenue	001DA-36.20 & 004G-6.70	750073E & 833885S	UPRR/VTA	13028	44	0	5000	2	3	1	0	13	0	10.0	27.0	370.9
42	City of Elk Grove	Grant Line Road	001BEL-53.94	752746W	UPRR	14345	24	0	5000	4	2	5	2	5.96	2	8.5	25.46	369.7
43	Alameda Corridor-East Construction Authority	Ramona Street	001B-490.20	746879A	UPRR	12150	31	0	5000	3	2	0	4	9	1	13.0	29.0	330.3

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44	City of Stockton	Lower Sacramento Road (4-100.40)	004-100.40	834002T	UPRR	15814	23	0	5000	3	2	4	3	10	3	13.5	35.5	326.5
45	City of Shafter	Lerdo Highway	002-905.13	028390W	BNSF	10733	32	0	5000	3	2	1	4	9	4	10.0	29.8	304.6
46	Kern County	Kratzmeyer Road	002-897.33	028380R	BNSF	3599	36	0	5000	9.2	2	5	4	8	4	10.5	33.3	297.6
47	City of Ontario	Grove Avenue*	001B-521.40-B	746956X	UPRR	27139	50	0	5000	6	0	0	1.4	3	2	2.0	14.4	285.8
48	City of Anaheim	State College Blvd.(101OR-170.30)	101OR-170.30	026652U	SCRRA	23980	49	0	20000	3	2	2	6	13	7	10.5	40.1	275.1
49	City of Stockton	Eight Mile Road (004-101.30)	004-101.30	834003A	UPRR	17324	23	0	5000	2	2	4	3	8	3	13.5	33.5	272.5
50	City of Riverside	Mary Street	002B-13.00	026499F	BNSF	13676	85	0	5000	0	5	2	4	10	5	12.0	38.3	270.8
51	City of Los Angeles	Riverside Drive*	101RI-2.11-A	746822Y	SCRRA	15700	79	0	5000	0	4	2	3	4	4	4.0	21.0	269.1
52	Alameda Corridor-East Construction Authority	San Gabriel Blvd.	001B-491.20	746883P	UPRR	35310	31	0	5000	0	2	1	4	10	1	14.0	32.0	250.9

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53	San Bernardino County/City of Barstow	Lenwood Road	002-5.70	026062X	BNSF & UPRR	4192	77	0	5000	2	1	5	2	7	1	8.5	24.7	218.4
54	San Bernardino County	Cherry Avenue*	001B-529.40-A	746973N	UPRR	26784	39	0	5000	0	0	0	0	0	1	1.0	2.0	210.9
55	City of Bakersfield	Mohawk Street	002-890.10	028367C	BNSF	20000	46	0	5000	0	3	1	4	6	4	7.0	25.0	209.0
56	Madera County Road Department	Avenue 12	002-1015.10	028601R	BNSF	11332	42	0	5760	1	2	5	6	5	4	9.5	31.7	196.9
57	San Bernardino County	National Trails Hwy @Oro Grande*	002-30.60-B (reconstruction)	026075Y	BNSF	8333	77	0	5000	6	8	5	3.4	7	10	8.0	47.4	175.7
58	City of Riverside	Streeter Avenue	003-53.80	811008U	UPRR	12790	26	0	5000	1	2	1	4	12	4	12.5	35.5	168.5
59	Los Angeles County DPW	Sierra Highway at Barrel Springs Road	101VY-65.58 101VY-65.77	750600W & 750644W	SCRRA	8507	37	0	5000	1	2	2	8	10	8	7.5	37.9	163.8
60	City of Ontario	Vineyard Avenue	001B-522.40	746960M	UPRR	13351	50	0	5000	0	3	3	4	6	1	13.0	30.0	163.5
61	City of Tulare	Bardsley Avenue	001B-250.70	756982P	UPRR	10789	20	0	5000	2	1	2	5	7	0	13.0	28.4	157.9

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62	Kern County	Snow Road	001B-307.40	756948H	UPRR	16000	40	0	5000	0	1	3	4	6	0	10.0	24.0	152.0
63	City of Bakersfield	Baker St-E.Truxtun Ave.-Beale Ave.	Consolidation 002-885.60 002-885.75 002-885.77 002-885.95 002-886.20 002-886.40	028281T 028283G 028284N 028285V 028288R 028289X	BNSF	19380	33	0	20000	0	30	15	0	59	0	14.5	118.0	150.0
64	San Bernardino County	Glen Helen Parkway	001BB-480.10 & 002-71.00	747017U & 026103A	UPRR & BNSF	2783	77	0	5746	2	5	5	2	12	1	9.0	33.7	145.6
65	Kern County	Rosedale Highway (SR 58)	103Q-113.20	029473N	SJVR	55000	11	0	5000	0	1	3	0	3	0	11.0	18.0	139.0
66	San Bernardino County	Vista Road	002-22.00	026068N	BNSF & UPRR	5904	77	0	5000	0	4	5	2	7	1	9.5	28.5	119.4
67	Kern County	Hageman Road (2-895.2)	2-895.20	028376B	BNSF	12000	36	0	5000	0	2	5	4	7	4	10.0	31.7	118.1
68	City of San Francisco	Jerrold Avenue*	105E-2.80B	754761F	PCJPB	4000	92	0	5000	4	8	2	0	7	6	8.0	35.0	108.6
69	City of Riverside	Brockton Avenue	003-55.00	811010V	UPRR	13402	26	0	5000	0	1	1	4	9	4	10.5	29.5	99.2

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70	City of Redding	South Street	001C-258.00	750509D	UPPR	14097	24	0	5000	0	1	0	2	10	1	11.0	25.4	93.1
71	City of Rocklin	Midas Avenue	001AI-110.90 & 001A-110.90	750568F & 750569M	UPRR	7805	27	0	3975	0	4	0	0	18	4	11.0	36.8	89.8
72	City of Coachella	Avenue 52	001B-615.50	760723K	UPRR	9909	34	0	5500	0	1	3	6	9.36	1	8	28.36	89.6
73	Madera County Road Department	Avenue 9	002-1011.50	028595P	BNSF	6983	42	0	5992	0	2	5	6	11	4	9.0	37.2	86.1
74	City of Lathrop	Lathrop Road	001D-82.10	752781K	UPRR	12975	22	0	5000	0	1	3	4	8	3	9.5	28.5	85.6
75	City of Newark	Central Avenue	001L-31.10	749943G	UPRR	8285	31	0	5000	0	1	2	4	9	5	10.0	31.1	82.5
76	City of Riverside	Palm Avenue	003-54.80	811009B	UPRR	7851	26	0	5000	0	2	1	4	9	4	10.0	30.0	70.8
77	City of Stockton	Eight Mile Road (1BEL-76.84)	001BEL-76.84	752904U	UPRR	12068	16	0	5000	0	1	4	3	11	0	12.0	31.2	69.8
78	Kern County	Reina Road Renfro Road Jenkins Road	002-896.62	028379W	BNSF	1150	36	0	5000	4	2	5	4	4	4	9.5	28.3	69.7
79	San Joaquin County	Lower Sacramento Road*	001BEL-65.94-B	752925M	UPRR	4526	28	0	5000	10	4	5	1.5	6	5	6.0	37.5	62.8

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Rank	Agency	Crossing Location	PUC ID	DOT ID	Railroad	VEH	TRN	LTRN	Cost Share	**AH/** WC	**BD/** HC	**VS/** SR	**RS/** AS	**CG/** POF	**PT/** AP	**OF/** DE	**SCF/** SF	Priority Index
80	City of Tulare	Cartmill Avenue	001B-247.90	756975E	UPRR	3505	20	0	5000	1	1	5	5	7	0	11.5	29.9	57.9
81	City of Richmond	Collins Avenue/Giant Road	002-1185.80	029843P	BNSF	2567	25	0	5000	2	2	0	2	10	0	5.5	19.3	57.8
82	City of Tulare	Paige Avenue	001B-251.70	766021K	UPRR	5567	20	0	5000	0	1	5	5	9	0	13.5	33.1	55.4
83	Port of Stockton	Daggett Road (Port of Stockton Expressway)	002-1125.20	029637C	BNSF	1161	41	0	5000	0	2	1	6	8	3	12.5	32.5	42.0
84	City of Colton	Fogg Street*	002B-4.10-B	026466T	BNSF	110	83	0	5000	6	10	5	0.5	4	5	7	37.5	39.3
85	City of Torrance	Plaza Del Amo/Washington Avenue	002H-22.10	028101T	BNSF	4863	19	0	5000	0	1	1	0	10	0	8.5	20.5	38.9
86	City of Fremont	Kato Road	001DA-38.0 & 004G-8.50	834497W & 750226F	UPRR	11678	6	0	5000	0	1	2	0	8	0	8.5	19.5	33.5
87	City of Brentwood	Lone Tree Way	001B-59.10	751831H	UPRR	19020	0	0	5000	0	1	3	2	5.2	0	7	18.2	18.2

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Key to Table Header & Railroads

Header Abbreviations: VEH- Vehicle, TRN – Train, LTRN – Light Rail Trains, COST Share – Project Cost Share (a cost of more than $5 million is permitted for qualified projects per S&H Code Section 2454 (h) for multi-year funding)

Formula For Crossing Nominated For Separation Or Elimination:

AH *– Accident History*	***BD*** *– Crossing Blocking Delay*
VS *–Vehicular Speed Limit*	***RS*** *– Rail Speed Limit*
CG *– Crossing Geometrics*	***PT*** *– Passenger trains*
SCF- Special Conditions Factor	***OF-Other Factors (Passenger Buses, School Buses, Hazmat Trains/Trucks, Community Impact)***

**Formula For Existing Separations Nominated For Alteration or Reconstruction:*

WC – Width Clearance	*HC– Height Clearance*
SR – Speed Reduction	*AS – Accidents Near Structure*
POF – Probability of Failure	*AP – Accident Potential*
DE – Delay Effects	*SF - Separation Factor*

Railroad Abbreviations:

BNSF: The Burlington Northern Santa Fe Railroad Company
LACMTA: Los Angeles County Metropolitan Transportation Authority
PCJPB: Peninsula Corridor Joint Powers Board (Caltrain)
PHL: Pacific Harbor Line
SCRRA: Southern California Regional Rail Authority (Metrolink)
SJVR: San Joaquin Valley Railroad
UPRR: Union Pacific Railroad Company
VTA: Santa Clara Valley Transportation Authority