Decision No. 90399 UUN 59288
BEFORE TEE PUBLIC UTIIIIIES COMMISSION OF TEE STATE OF CAIIFORNIA

(Appearances listed in Appendix A.)
OPINION
Section 2452 of the Streets and Highways Code requires that by July 1 of each year the Califormia Public Utilities Comission establish a Railroad-Highway Grade Separation Priority List (priority 12st) for the succeeding fiscal year of existing and proposed crossing at grade of city streets, county roads, of state highways, which are not freeways, most urgently in seed of separation, including projects effecting the elimination of grade crossings by removal or relocation of streets or railroad tracks and existing separations in need of alteration or reconstruction. This investigation was instituted by Comission order dated December 12, 1978 for the purpose of establishing the fiscal year 1979-80 priority lise.

Copies of the Comission's order instituting the investigation were served upon each city, county, and city and county in which there
is a railroad crossing, each railroad comporation involvec, the Califoria Department of Pransportation (Caltrans), tie Califomia Transportation Comission, the League of Caiifomia CiEies, the County Supervisors Association, and otier persons who might have an interest in the proceeding. Projects may be mominated for inciusion on the priority list by a city, county, city and county, Caitrans, and the various railroad companies operating within the state. the priorizy inst, based on criteria established by the Comission, is fumished to Caltrans and the Califormia Transportation Comission, anc those agencies, pursuant to the provisions of Sections 100 anc 2453 of the Streets anc Highways Code, allocate $\$ 15,000,000$ annualiy, plus amounts carried over, to those projects in accordance with their priorizy on the priority iist. Funcing for projects inciucea on each annual priority list is provided through Section 190, and the oasis for aliocavion is contained in Sections 2450-2461 of the Streets and Highways Code. 0 O projects which eliminaze an existing crossing, or alter or reconstrict an existing grade separation, an allocation of 80 percenv of the estimated cost of the project is made, with the local agency and railroad each contributing 10 percent. An ailocavion of 50 percent of the estimated cost of the project is made for a proposec crossing with the remaining 50 percent contributed by the local agency.

Following issuance by the Commission of an annual priority List, applications to Calvans for an allocation must be mace no later than April 1 of each fiscal year or the next business day thereafter if April 1 is not 2 business day. The recuirements for Eiling an application for an allocation of grade separation funcs are set forth in Titie 21 (Pubiic Jorks), Chapter 2, Subchapter 13 (Grade Separation Projects) of the Califormia Administrative Code.

The allocation by the Califomia Transportation Commission is limited to that necessary to make the sepanation operable and the initial 2llocation of finds oy the California Transportation Commission is not to
exceed the applicant's project cost estimate utilized by the Public Utilities Comassion in establishing the amual separation priority list.

By Decision No. 88956 dated June 13, 1978, as modified by
Decision No. 89272, the Comission established the twenty-second priority list of 65 projects for the 1978-79 fiscal year, which will expire on June 30, 1979. A new priority list for the 1979-80 fiscal year is now required.

Public hearings were held in San Francisco and Los Angeles before Administrative Law Judge Pilling, and the matter was submitted on April 13,1979 upon the receipt of late-filed Exhibit 7.

In response to the order instituting investigation, 37 agencies nominated 81 projects for the $1979-80$ priority list and filed with the Comission the following information about each project.
A. For Existing or Proposed Crossings at Grade Nominated for Elimination by Proposed Separation and Grade Crossings Nominated for Elimination by Removal or Relocation of Streets or Railroad Tracks

1. Identification of crossing, including name of street or road, name of railroad, and crossing number.
2. Twenty-four hour vehicular traffic count, or for proposed crossings, estimated ADT for 1979.
3. Number of train movements for one typical day segregated by type, i.e., passenger, through freight, or switching.
4. Vehicular speed limit and the maximum prevailing train speed.
5. Quantitative statement as to vehicular delay at crossing, in minutes per day.
6. Distance on each side of the crossing to the nearest alternate routes, in feet.
7. A 10-year accident history of the number of vehicle-object and vehicle-vehicle accidents directly attributable so the presence of the grade crossing.
8. Width of the crossing in Eeet and in number of lanes.
9. Preliminary cost estimate for project with costs separated into right-of-way, engineering, and construction.
10. Statement as to need for the proposed improvement and agencies' willingness to pursue the project.
11. Any proposed crossing nominated for separation should be subtyped either:
a. A grade crossing is practical and feasible.
b. A grade crossing is not practical and feasible.
12. For grade crossing(s) nominated for elimination by removal or relocation of streets or tracks, the estimated cost of eliminating crossing(s) if grade separation facilities on the existing alignment of the street and railroad tracks were constructed.
B. For Grade Separations Proposed for Alteration
13. Identification of crossing, including name of street or road, name of railroad, and crossing number.
14. Twenty-four hour vehicle traffic count.
15. Number of train movements for one typical day segregated by type, i.e., passenger, through freight, or switching.
16. Description of existing and proposed separation structure with principal dimensions.
17. Type of alteration proposed.
18. Preliminary cost estimate of project with costs separated into right-of-way, engineering, and construction.
19. A list and relative description of any of the following, if applicable:
a. Substandard highway width or height clearances.
b. Highway speed reduction due to alignment.
c. Railroad slow order due to structure.

## d. Highway load limit due to

 structure.8. A 10-year history of the number of venicle accidents attributable to the structure.
9. A detailed statement describing acute structural deficiencies, if any, and the probability of structural failure.
10. Statement as to need for the proposed improvement and agencies' willingness to pursue the project.
For the purposes of determining the 1979-80 Grace Separation Priority list, the staft used the following criteria which are substantialy similar to that used in the 1978-79 proceecing:

$$
P=\frac{V \times T}{C \times 24}+S C F
$$

Where:
P = Priority Index Number
$V=$ Average 24 -Hour Vehicular Volume
C = Total Costs of Separation Project (In Thousands of Dollars)
I = Average 24-Hour Train Volume
SCF = Special Conditions Factor
For Existing or Proposed Crossings Nominated for Separation or Elimination

$$
S C E=G 1+G 2+G 3+G 4+G 5+G 6+G 7
$$

Where:
G1 = Vehicular Speed Limit
G2 = Railroad Prevailing Maximun Speed
G3 = Crossing Geometrics
G4 = Crossing Blocking Delay 0-10
GS = Alternate Route Availajility $\quad 0-5$
$\begin{array}{ll}\text { G6 - Accident History } & 0-20\end{array}$
G7 = Irreducibles
Total Possible

Points Possible
$0-5$
$0-5$
0-5

0-65

For Separations Nominated for Alteration or Reconstraction

$$
S C F=S I+S 2+S 3+S 4+S 5+S 6
$$

Where:
SI = Width Ciearance
S2 = Zeight Clearance
S3 = Speed Reduction or SIow Order
SL $=$ Load Limit
S5 = Accidents at or Near Structure
Points Possible

S6 = Probability of Failure and Irreducibles
$0-10$

- Irmancibies

Total Possible
$0-10$
0-5
$0-5$

Total Possible
$\frac{0-10}{0-50}$
Points in each category were assigned according to the
following schedule:
Grade Crossings
GI = Vehicular Speed Limit

| MPH | Poin:ts |
| :---: | :---: |
| $0-30$ | 0 |
| $31-35$ | $\frac{1}{3}$ |
| $31-40$ | 3 |
| $46-45$ | 4 |
| $51-50$ | 5 |

G2 = Railroad Maximuth Speed
MPE
$0-25$
$26-35$
$36-45$
$46-55$
$56-55$
$66+$

| Points |
| :--- |
| 0 |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |

G3 = Crossing Gtometrics
0-5 points based on relative severity of physical conditions.
$G 4=$ Crossing Blocking Delay, Total Minutes per Day Minutes

Points
0-20
2I-40
4I-60
61-80
81-100
101-120
121-140
0
0
1

141-160
7
161-180
181-200
$201+$
$\varepsilon$
10
$G 5=$ Altemate Route Availability Distance-feet

Points $0-1,000$
$1,001-2,000$
$2,001-3,000$
$3,001-4,000$
$4,001-5,000$ $0-1,000$
$1,001-2,000$
$2,001-3,000$
$3,001-4,000$
$4,001-5,000$ $0-1,000$
$1,001-2,000$
$2,001-3,000$
$3,001-4,000$
$4,001-5,000$ 0
2
2 $0-1,000$
$1,001-2,000$
$2,001-3,000$
$3,001-4,000$
$4,001-5,000$ $0-1,000$
$1,001-2,000$
$2,001-3,000$
$3,001-4,000$
$4,001-5,000$ 5,002 +

2
3
3
4
5
7 5.002

3
4
5
$66=$ Accident History (10 years)
Each reportable train-involved accident
Points $=\left(1+2 x\right.$ No. $+\frac{\text { Nillied }}{\text { No }}+$

* PF = Potection Factor for:

Stc.
Stc. $\# 8=0.4$
Stc. $\# 3=0.2$
Stc. $\mathrm{H}=0.1$
Nore 1. No more than 3 points shall be allowed for each accident prior to modification by the protection Factor.

Vote 2. Sach accident shall be rated separately and modinited by a factor appropriate to the protection in existence a= the time of the accident.

| (a) Secondary acsicents. <br> (b) Energency vehicle usage. <br> (c) Accident potentiai. |  |  |  |
| :---: | :---: | :---: | :---: |
| Separations |  |  |  |
| SI = Width Clearance $\quad$ S2 = Height Cle |  |  |  |
| Width (ft.) | Points | Underpass (ft.) | Points |
| $9^{\circ}+22(\mathrm{~N})$ | 0 | $15^{\circ}+$ | 0 |
| 6. but less than $9^{\prime}+12(\mathrm{~N})$ | $2$ | $14^{\prime} \text { but less }$ <br> than $15^{\circ}$ | 4 |
| $\begin{aligned} & \text { 3: but } \frac{1}{} \text { ess than } \\ & \text { 6. }+12(N) \end{aligned}$ | 4 | $\begin{aligned} & \text { I3. but less } \\ & \text { than } 14^{\prime} \end{aligned}$ | 8 |
|  |  |  | 20 |
| O, out ${ }^{1} \frac{1}{2}$ ess than | 6 | $\frac{0 v e r p a s s}{22-2 / 2}+$ | 0 |
| 11(N) but less than $12(\mathrm{~N})$ |  | 20, but not less than 22-1/2 | 4 |
| Less than $11(N)$ |  | 18. but not less than $20^{\circ}$ | 8 |
|  |  | Less than 28, | 10 |
| $\mathrm{N}=$ Number of Traffic Lanes |  |  |  |
| S3 $\times$ Speed Reduction or Slow Order |  |  |  |
| $\begin{array}{ll}\text { None } & \\ \text { Moderate } & 0 \\ \text { Severe } & 2 \\ \end{array}$ |  |  |  |
| SL $=$ Load Limit |  |  |  |
| None <br> Noderate <br> Severe |  |  |  |

S5 = Accidents at or Near Structure (10 years)

| Number | Points |
| ---: | :---: |
|  | 0 |
| $11-20$ | 1 |
| $21-30$ | 2 |
| $31-40$ | 3 |
| $41-50$ | 4 |
| $51-60$ | 6 |
| $61-70$ | 7 |
| $71-80$ | 8 |
| $81-90$ | 9 |
| $91-100$ | 10 |

S6 - Irreducibles
(a) Probability of Failure.
(b) Accident Porential.
(c) Delay Effects.

The above criteria differs from that applied to determine the 1978-79 priority list only to the extent that the lo-year accident history, G6, was expanded to include all train-involved accidents instead of limiting the accident history to merely vehicle-train accidents as was done in previous years.

Projects involving the closure of multiple crossings were evaluated in the same manner as single crossing projects with two major exceptions involving the Accident Fistory and Crossing Blocking Delay Factors. For a miltiple crossing project, the Accident History points for each crossing were added and that cumlative rotal reflected in Appendix C Eor $66=$ Accident Ëstory.

Crossing Blocking Delay was considered on an individual project basis. For single street crossings of two railroads, the delays at each crossing were simply added; at multiple street crossings of a single railroad, the delay points awarded depended on the street configuration. For the vast mejority of these projects, delay points were awarded based on a weighted average taking into account the delay and the mumer of vehicles at each crossing in the project.

The basic procedure employed by the staff for processing and evaluating the nominations was as follows:

1. Nominations were received by the Comaission and logged in by the Traffic Engineering Section staff;
2. The data required to complete the formulae and the information identifying the crossing(s) were entered on a crossing file imput form;
3. Data entered on the form was transferred to data input cards and entered into the computer;
4. The $\frac{V x T}{C} \frac{x}{x}$ calculation was performed for each project and SCF points were assigned according to the defined schedules by the computer;
5. Totals for each project in the Special Conditions Factor categories were gathered and the Priority Index Number was calculated;
6. The projects were ranked according to their descending Priorizy Index Numbers.
Following the hearing the staff prepared ard submitted late-filed Exhibit 7. Based upon the testimony and evidence presented during the course of heaziag, changes were made in the muber of points originally awarded to projects, as the result of changes in factual data and further explanation of data that was first submitted with the nominations. Changes were also made where local agencies dic not provide sufficient evidence or fomdation for the information concained in their original nominations. Projects for which no appearance was made were eliminated from consideration. Projects with points revised because of changes in factual data or a further explanation of previously submitted information are as follows:

Azency
Alaneda Co.

Anaheim

Bakersfield
Barstow
Buena Park
CAITRANS
Contra Costa Co. Dunsmix

Irvine
Los Angeles Co.
Los Angeles

Oceanside
Ontario
Oroville
Pittsburg
Pomona
San Gabriel

San Jose

Crossing Name
Sunol-Pieas CNSL.
Liv-Alt CNSL.

Iincoln Ave/SPT Co.
Iincoln Ave/AISSF
Katella Ave
Brookhurst St.
Union - 24th
Chester Ave
First St.
Beach Blvc.
238-Alameda
Somersville
Scherrer Ave

Alton Parkway
Eollywood Way
Alondra Blvd.
North Main St.
Santa Fe-Wash.
Combined LWR
Euclid Ave
Bridge St.
Railroad Ave/SPT Co. Rasiroad Ave/AT\&SF
Eumane way
Del Mar Ave
San Gabriel Blvd.
San Gabriel LWR

Branham Lane

Bemal Road

Affected Categomy
Projec: Cost
Vehicle Volume
Project Cost
Accident Histozy
Train Volume
Blocking Delay
Irreducibles
Train Volume
Blocking Delay
Train Volume
Blocking Delay
Vehicle Speed
Blocking Delay
Irreducibles
Project Cost
Width Clearance
Vehicle Speed
Project Iimits
Project Cost
Blocking Delay
Accident History
Irreducibles
Vehicle Volume
Vehicle Speed
Vehicle Speed
Train Volume Blocking Delay
Vehicle Volume
Train Volume
Train Volume
Irreducibles
Revised Project (Alt.)
Project Cost
Vehicle Volume
Vehicle Volume
Vehicle Volume
Train Volume
Train Speed
Train Speed
Train Speed
Geometrics
Irreducibles
Project Cost
Vehicle Speed
Train Speed
Blocking Delay Irreducibles
Train Volume
Project Cost
Vehicle Speed Blocking Delay
Irreducibles

| Qgencr | Crossing Name | Affectec Cavegorr |
| :---: | :---: | :---: |
| Sumyvaie | VoIEe Roac | Project cost |
| Yoria Iinda | Wer Canyon | Suocking Delay |

Projects eliminazeci from consideration by recuest or fainure to appear at the desigmazed pubizc hearing are as follows:

Axency
Berkeiey
San Sernercino

Conssign Name
2K İne - foanconment
$3 \div 2.50$ Avenue

Eight of the projects appearing on the $1978-79$ priority iist, which were aiso nominatec for the $\mathbf{7 9 7 9 - 6 0 \text { prionity } i \pm s t , ~ h a v e ~ b e e n ~}$ approvec for aliocations since the cate of the hearing on the i979-80 pricmity List, the Comission has leamed. These projects, therefore, will not appear on the 1979-80 prionivy i̇st. The projects, of agency and crossing name, are as follows:

## Agency

```
Los Angeles Comaty
Ios fingeIes County
BakersEieid
Sarva Fe Springs
Fairfield
Ios Amgeies County
Sverside
#ayma=d
```

Cossing Name
Daiy Street
Eastern Avenue
Chester Avenue
Carmeni=a zoad
Vain - ?
Alondra Boulevard
Van Biren Boulevard
"A" Sireet

## Findings of Fact

1. The Commission adopts the criteria set forth in Appendices 3, $C$, $D$, and $E$ attached hereto for use in establishing the $2979-80$ priority list.
2. Secause a representative of the nominating agency failed to appear in support of the nomination or requested withdrawal, the nomination of the city of 3erikeley of its 2 K Iine - Abanconment project and the nomination of the city of San Bemardino of its Rialito Avenue project should be eliminatec from consideration.
3. The eight projects listed in the body of this decision, which received allocations subsequent to heaming hereon, should be exciuded from the 1979-80 priority lisi.
4. The criteria of miles of the Comission estabished for use in determining the 1979-80 priority list are subject to modification, and the Commission invites the participation of interested parties to offer their recommencations.
5. The priority liss set out in Appendix E will be estabiished as the 1979-80 Grade Separation Priority List established in accordance with Section 2452 of the Streets and Highways Code.
6. With regari to projects having the same priority index number, consideration shall first be given to projeces which separate or eliminate existing grade crossings, then to projects for the aiteration or reconstruction of grade separations, anc, finally, to projects for the construction of new grade separations. Within each of these categories, first consicieration shall be given to the lowest cost project in order that the maximum number of projects may be accomplished with the availabie furds.

As tine statute requires our order by july 1 , the effective date of the order should be the date of signing.

$$
\underline{O} \underline{\underline{D} E R}
$$

## IT IS ORDERED that:

1. The list of projects appearing in Appendix $E$ is established, as required by Section 2452 of the Streets and Highways Code, as the 1979-80 list, in order of priority, of projects which the Commission determines to be most urgently in need of separation or alteration.

- 2. The Executive Director shall furnish a Eull, true, and correct copy of this opinion and order to the California Transportation Commission.

> The effective date of this order is the date hereof.

$$
\text { Dated at } \quad \text { Son Tranetato }
$$

day of
$\qquad$ HA RE , 1979.


## APPENDIX A

## IIST OF APPEARAVCES

Applicants: Elcon $X$. Lee, Eor City of Indio; Ea=1 L. Ritkin, Eor City of Los Angeles; Robert L. Larson, Eor Los Angeles County; and G. Brent Mochow, IOI City ot Invine.

Interested Parties: Earold S. Lentz, Attorney at Law, for Southem Pacific Transportarion Company and affiliated companies; jonn C. Miller, for Westem Racific Railroad Company; Eurene C. Bonistetter, Actomey at Law, for Califomia Departuent of transportation; Jean $\bar{F}$. Ricone, for City of Richrond; B. J. Kerekes, Eor Courty of Contra Costa; Joseoh L. Shilts, for CiEy of Eairiteld; Roland I. Brist, for City of Romert Razk; Donald M. Somers and Robert A. Swith, for Ciry of Sumyvale; Amold Joens, for City of Salinas; Robert K. Barton, for City of Uioville, City of Bakersfiele, Comty Of Alameda, Ciry of Pleasanton, and City of Livernore; and Daniel E, Boatwright, Atsorney at Law, Eor City of Fittsburg.

Commission Staff: Robert ï. Stich.

| arielicy | $\underset{\substack{\text { CROSSING }}}{\text { NAME }}$ | RR | 08 | $\begin{aligned} & \text { MILE } \\ & \text { POS } \end{aligned}$ | suf | PROP | $\begin{aligned} & \text { IYPE } \\ & \text { PRDJ } \end{aligned}$ | $\begin{aligned} & \text { YEH } \\ & \text { yOLUAE } \end{aligned}$ | IRAIN VOLUME | $\begin{gathered} \text { PROSECI } \\ \text { COSI } \end{gathered}$ | $\begin{aligned} & y \times 1 \\ & \hdashline x \times 24 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| meaheor countr | Liy-alit Chst | 1 | 0 | 46.0 |  |  | 1 | 57489 | 5 | 2915000 | 4 |
| alaheor county | ely-pleas cal | 4 |  | 31.2 |  |  | $t$ | 119049 | 5 | 6970000 | 4 |
| alaheda countr | SUndi-pics cl | 4 |  | 37.2 |  |  | 1 | 34787 | 5 | 6200000 | 2 |
| enalieia | Stale collfag | 2 |  | 170.3 |  |  | 1 | 10900 | 26 | 3550000 | 6 |
| abaliein | cincols ay | 1 | BK | 508.5 |  |  | 1 | 25400 | 38 | 4850000 | 9 |
| analicim | katelea ay | 1 | BK | 512.4 |  |  | 1 | 29800 | 15 | 4055000 | 5 |
| anaheis | LIACOLN AY | 2 |  | 167.7 |  |  | 1 | 17800 | so | 5000000 | 6 |
| anaheim | brookhurst st | 1 | 8AA | 511.9 | . |  | 1 | 28200 | 24 | 5000000 | 6 |
| bancrsflelo | UHION-24th | 1 | - | 112.3 |  |  | 1 | 21200 | 32 | 4587000 | $\epsilon$ |
| ormersfeto | chester av | 1 | 0 | 311.2 |  |  | 1 | 25500 | 30 | 1851000 | - |
| dakersfielo | H 51 | 2 |  | 887.5 |  |  | 1 | 16100 | 56 | 3430000 | 11 |
| bahsiox | FIRST Street | 2 |  | 746.5 | 1 |  | 4 | 10405 | 10 | 2381000 | 13 |
| butar park | beach bl | 2 |  | 160.6 | 8 |  | 4 | 60049 | 52 | 5150000 | 23 |
| calirans | 23-5nia cera | 1 | $E$ | 37.1 | $\wedge$ |  | 4 | 26000 | 61 | 2500000 | 26 |
| caltans | 237-SHIA CIRA | 1 | L. | 39.8 |  |  | 1 | 35500 | 9 | 0000000 | \% |
| cattrans | -4-YOLO | 1 | $A$ | 87.5 | 8 | - | 24 | 10000 | 36 | 2145000 | 7 |
| caltrans | to-ruta | 1 | C | 14.1 | 8 |  | 4 | 13300 | 40 | 6537000 | 5 |
| caltrans | 19-RIVERSIoE | 1 | B | 562.4 |  |  | 1 | 0000 | 35 | 2563000 | 3 |
| caltrans | 41 -freshio | 1 | 0 | 205.9 |  |  | 1 | 11850 | 12 | 7572000 | 2 |
| caltrans | 23s-RLAFtoa | 4 | $G$ | 1.4 | 8 |  | 4 | 17000 | 8 | 1800000 | 1 |
| caliratis | 68-momitrey | 1 | E | 119.29 |  |  | 1. | 13500 | 44 | 3180000 | * |
| calfrans | 180-tresko | 2 |  | 997.6 |  |  | 1 | 22250 | 18 | 5909000 | $\epsilon$ |
| Caltrans | j 3b-San broo | 2 |  | 60.9 |  |  | 1 | '2000 | 52 | 3206000 | 2 |
| caldaras | jgg-sia barba | 1 | E | 216.0 |  |  | 1 | 5000 | 34 | 1940000 | 4 |
| chico | bayson goad | 1 | c | 183.8 |  |  | s | 1702 | 29 | 602000 | 3 |

Aprefind 13
Tage 2 of 4
Al watielical list of Projects by Nominaling Arency

| hGEnCr | $\underset{\text { NAHE }}{\text { CROSSING }}$ | RR | OR | $\begin{aligned} & \text { HILf } \\ & \text { POSI } \end{aligned}$ | suf | PROP | $\begin{aligned} & \text { TYPE } \\ & \hline \text { PROS } \end{aligned}$ | $\begin{aligned} & \text { VEH } \\ & \text { VOLUME } \end{aligned}$ | TRAIR VOLUKE | $\begin{aligned} & \text { PROJECI } \\ & \cos 1 \end{aligned}$ | $\begin{array}{ll} y & x \\ y & x \geq 24 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| cohtra cosia county | Somersyilet | 1 | B | 52.1 |  |  | 4 | 14215 | 5 | 2105000 | 1 |
| cordma | realthono-limc | 2 | 8 | 25.6 |  |  | 1 | 2307 | 35 | 2801000 | 1 |
| dunshuir | S cherrck-aye | 1 | c | 321.7 |  |  | 1 | 1682 | 40 | \$00000 | 7 |
| lt monic | PECK-rakoha | 1 | 0 | 495.0 |  |  | 1 | 43026 | 30 | 13420000 | $s$ |
| rairfielo | hath-riovisia | 1 | $\wedge$ | 69.1 |  |  | 1 | 20150 | 46 | 6120000 | 6 |
| fresmo counit | A SIILAM AY | 1 | 8 | 199.9 |  |  | 1 | 8483 | 35 | 2944000 | 4 |
| haymaro | $A$ Street | 4 |  | 20.2 |  |  | 1 | 28704 | 6 | 6057000 | 2 |
| haysard | $A$ Stret | 1 | 0 | 20.0 |  |  | 1 | 30447 | 56 | 5785000 | 16 |
| Emolo | mo nroc st | 1 | B | 609.7 |  |  | 1 | 15420 | 42 | 5569000 | 3 |
| jevine | frvime lya | 2 |  | 180.5 |  |  | 1 | . 36164 | it | 14125000 | 2 |
| IRyINE | al ton parkhay | 2 |  | 185.8 |  | - | 24 | 4100 | 10 | 1208000 | 3 |
| los angeles counit | GRAMD-INOUSTY | 1 | B | 508.0 | 1 | * | 2A | 9000 | 56 | 5131000 | 4 |
| los angeles counit | ks 105-kLC | 1 | B6t. | 491.31 |  |  | 3 | 138156 | 4 | 15940000 | 1 |
| LOS Angeles courty | Al mindea al | 2 |  | 159.6 |  |  | 1 | 18320 | 52 | 0221000 | $s$ |
| cos aligelcs coundy |  | 3 | * | 3.4 |  |  | 1 | 20011 | 20 | 8496000 | 3 |
| Los angeles coumiy | GREENHGLO-KIB | 2 |  | 149.5 |  |  | 1 | 13162 | 49 | 5384000 | 5 |
| los angelis couniy | HOL E M000 kar | 1 | $\theta$ | 469.4 |  |  | 1 | 21127 | 16 | 7848000 | 2 |
| los angeles counit | florence av | 1 | 46 | 488.3 |  |  | 1 | 10403 | 16 | 6820000 | 3 |
| Los angeles counit | dauceas si | 2 | H | 15.02 | $\theta$ | * | 24 | 12000 | 12 | 3420000 | 2 |
| los angcies countr | castern av | 2 |  | $14 \%$. 3 |  |  | 1 | 15051 | 46 | 3093000 | 10 |
| cos ahgeles | samta fe-masil | 2 |  | 143.29 | c |  | 1 | 42298 | 40 | 10545000 | 7 |
| Los hageles | salicor si | 1 | E | 456.0 |  | - | 24 | 23000 | 18 | 9964000 | 2 |
| cos higeles | racler-EASIAN | 1 | - | 485.8 | - |  | 1 | 26523 | 28 | 12984000 | 2 |
| los akifles | oatr st | 1 | A | 183.26 | A |  | 4 | 17600 | 331 | 2251000 | 108 |
| cos anceles | MORTI: HAIN St | 3 | 日 | 1.42 |  |  | 1 | 9357 | 66 | 17500000 | 2 |

Alitatietical Iist of Projects by tominativa Acency
agenct
LOS ANGCLES
NORHALX
OCEAHSIOE
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PIJISUUKG
PIIISGUGG
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POMONA
kichmono
RICHMOMO
HIVERSIDE
GIVERSIDE
ROMAERI PARX
SALINAS
SANTA BAROARA COUNIY
SAKIA PE SPRINGS
SAN Caklos
SAM GABRITL
SAM GABHILL
SAN GABAIEL
SAN GABFJEL
SAh GAOABL
SAN JOSE

|  |  |  |  |  |  |  |  |  |  | x |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CROSSIMG NAME | KR | UR | $\begin{aligned} & \text { MILE } \\ & \text { POST } \end{aligned}$ | SUF | PROP | $\begin{aligned} & \text { ITPE } \\ & \text { PROS } \end{aligned}$ | VEH YOLUME | TRA! VOLUME | $\begin{gathered} \text { PROJECT } \\ \text { COST } \end{gathered}$ | $\text { c } \times 24$ |
| NORDHOIF SI | 1 | E | 448.5 |  | - | 24 | 16000 | 18 | 3974000 | 3 |
| INPERIAL HWY | 1 | EX | 498.0 |  |  | 1 | 27500 | 10 | 3331000 | 6 |
| COMGIMEO LMR | 2 |  | 225.9 |  |  | 1 | 53970 | 55 | 8426000 | 9 |
| euctio ave | 1 | 8 | 520.1 |  |  | 1 | 35902 | 74 | 5186000 | 20 |
| BEIOGE SI | 4 |  | 205.5 | 1 |  | 4 | 9476 | 24 | 845000 | 12 |
| BRIDGE ST ALT | 4 |  | 205. | A |  | 4 | 9474 | 24 | 585000 | 17 |
| RAIAROAG AY | 1 | 8 | 48.9 |  |  | 1 | 21114 | 16 | 4757000 | 7 |
| GAILROAG AY | 2 |  | 1155.7 |  |  | 1 | 19122 | 33 | \$310000 | 6 |
| goselame ay | 1 | 8 | 511.8 | $\ldots$ | * | 24 | 18000 | 49 | 1600000 | 23 |
| HUHARE KAY | 3 |  | 29.8 | $\lambda$ |  | 4 | 1980 | 20 | 650000 | 3 |
| 238051 | 1 | $\lambda$ | 14.5 |  |  | 1 | 17500 | 34 | 6897000 | 4 |
| 2 SRD St | 1 | $\lambda$ | 14.5 |  |  | 1 | 17500 | 34 | 4998000 | 5 |
| YAN GUREN DL | 2 | H | 16.4 |  |  | 1 | 27100 | 22 | 3617000 | 7 |
| ARLIKGIOH AY | 2 | $B$ | 12.4 |  |  | 1 | 30220 | 22 | 4294000 | 6 |
| ROHMERT PA CX | 5 |  | 47.4 |  | , | 1 | 13107 | 10 | 2166000 | 3 |
| GORONOA RORO | 1 | E | 116.7 |  |  | 1 | 0218 | 44 | 8185000 | 2 |
| hollisitr aye | 1 | $\xi$ | 365.7 | 8 |  | 4 | 15075 | 17 | 1800000 | 6 |
|  | 2 |  | 157.3 |  |  | 1 | 18484 | 52 | 4327000 | 9 |
| HoLly St | 1 | E | 23.2 |  |  | 1 | 20700 | 62 | 6789000 | 8 |
| SAN GABRL BL | 1 | 8 | 491.2 |  |  | 1 | 29150 | 42 | 3120000 | 16 |
| HISSIOP OR | 1 | 6 | 490.5 |  |  | 1 | 13843 | 42 | 5120000 | 8 |
| RAmona St | 1 | $B$ | 490.2 |  |  | I | 16325 | 42 | 1120000 | 9 |
| SAN GAGL EWR | 1 | 8 | 490.2 |  |  | 1 | 71607 | 42 | 12480000 | 10 |
| OtL MAR AY | 1 | 6 | 490.7 |  |  | 1 | 12291 | 43 | 3120000 | 7 |
| BERNAL KO | 1 | C | 61.0 |  |  | 1 | 10500 | 30 | 6650000 | 2 |


Aldabetical inst of Projects by Norinatine Apency

MGENCY
SAN JOSE
STOCKION
SUMHYYALE
IORRAMCE
TORRAHCE
rokad limod

| CROSSIMG hame | 89 | ER | $\begin{aligned} & \text { HILE } \\ & \text { POS } \end{aligned}$ | suf | PROP | $\begin{aligned} & \text { TYPE } \\ & \text { PROS } \end{aligned}$ | $\begin{aligned} & \text { VEH } \\ & \text { YOLURE } \end{aligned}$ | TRAIM YOLIJE | $\begin{aligned} & \text { PROJECT } \\ & \text { COST } \end{aligned}$ | $\text { c } \times 24$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GRAFHAK LA | 1 | E | 57.3 |  |  | 1 | 1090 | 10 | 6008000 | 0 |
| HAMMER LANE | 4 |  | 98.5 |  |  | 1 | 26000 | 17 | 4770000 | 4 |
| HOLFE RO | 1 | E | 39.7 |  |  | 1 | 27082 | 68 | 5200000 | 15 |
| torrance rcl | 1 | ABG | 500.73 |  |  | 3 | 67479 | 4 | 961000 | 11 |
| OEL AHO 8L | 2 | 11 | 19.5 |  | * | 24 | 25000 | 36 | 3387000 | 11 |
| NIER CAMYON | 2 | 8 | 35.8 | $A$ | * | 2A | 24200 | 27 | 2110000 | 10 |

Aprbioly e
Pace 1 of 3
Etecial Conjitions facturs for Grate Crossines Nominated for Semaration or Elinination

| agency | CROSSIMG hahe | R | 6R | $\begin{aligned} & \text { Milt } \\ & \text { posit } \end{aligned}$ | suf | PROP | $\begin{aligned} & \text { VEII SPO } \\ & \text { LIKII } \\ & \text { GI } \end{aligned}$ | $\begin{aligned} & \text { TRAIH } \\ & \text { SPCED } \\ & \text { G2 } \end{aligned}$ | HING GEOM 63 | $\begin{aligned} & \text { OLXNG } \\ & \text { OELAY } \\ & \text { GG } \end{aligned}$ | $\begin{gathered} \text { ALI } \\ \text { RIE } \\ \text { GS } \end{gathered}$ | $\begin{aligned} & \text { ACC } \\ & \text { H1St } \\ & \text { G6 } \end{aligned}$ | $\begin{gathered} I R R \\ G 7 \end{gathered}$ | $\begin{aligned} & 10100 \\ & \operatorname{ser} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| alareon counit | liv-ater chist | 1 | 0 | 46.0 |  |  | 2 | 3 | 5 | - | 5 | 11 | 15 | 41 |
| alaheor courir | tiy-pleas Chl | 4 |  | 37.2 |  |  | 0 | 3 | 5 | 1 | 3 | 20 | 15 | 47 |
| alaiteon countr | SUNOL-PIES CL | 4 |  | 37.2 |  |  | 0 | 3 | 5 | 1 | 3 | 20 | 15 | 47 |
| andicim | state college | 2 |  | 170.3 |  |  | 2 | 5 | 2 | 1 | 2 | 3 | ${ }^{8}$ | 23 |
| a hateit | cincoln ay | 1 | 8 X | 508.5 |  |  | 1 | 0 | 3 | 4 | 2 | 1 | 8 | 19 |
| analicte | kateles ay | 1 | 0x | 512.4 |  |  | 1 | 0 | 3 | 2 | 5 | 0 | 0 | 19 |
| analiein | thacoln ay | 2 |  | 167.7 |  |  | 0 | 5 | 3 | 2 | 0 | 2 | 9 | 21 |
| AMAHEIT | BROOXHUKSI ST | 1 | gat | 511.9 |  |  | 1 | 1 | 1 | 3 | 5 | 1 | 5 | 18 |
| barerstielo | UMIOK-2¢III | 1 | $\theta$ | 312.5 |  |  | 0 | 3 | 4 | 8 | 2 | 5 | 11 | 33 |
| garcrsfielo | chister ay | 1 | 8 | 311.2 |  |  | 1 | 3 | 3 | 5 | 1 | 6 | 0 | 24 |
| unkersticlo | $1{ }^{1} \mathrm{St}$ | 2 |  | 807.5 |  |  | 0 | 0 | 2 | 10 | 0 | 3 | 11 | 26 |
| calirars | 23t-SHIA CLRA | 1 | 1 | 39.8 |  |  | 5 | 4 | 2 | 1 | 4 | 2 | 9 | 27 |
| calirans | 34-roto | 1 | $\wedge$ | 87.5 | 8 | - | 3 | 5 | 0 | 3 | 3 | 0 | 5 | 19 |
| calirans | 79-RIVEKSIOE | 1 | 0 | 562.4 |  |  | 1 | 3 | 2 | 4 | 1 | 0 | 8 | 19 |
| catirans | 4-Frisho | 1 | 8 | 205.9 |  |  | 0 | 1 | 3 | 2 | 0 | 5 | 0 | 17 |
| caltrans | 60-honierey | 1 | $\varepsilon$ | 119.29 |  |  | 1 | 0 | 2 | 6 | 1 | 3 | 1 | 29 |
| calirans | 180-tresho | 2 |  | 997.8 |  |  | 0 | 0 | 2 | 5 | 1 | 5 | 8 | 21 |
| caltrans | 138-SAN OROO | 2 |  | 60.9 |  |  | 5 | 1 | 4 | 7 | 5 | 11 | 8 | 41 |
| cattrans | 166-5IA BARGA | 1 | E | 276.8 |  |  | 0 | 3 | 2 | 4 | 4 | 5 | 7 | 25 |
| cilico | oaytor road | 1 | c | 183.8 |  |  | 3 | 1 | 4 | 5 | 5 | 0 | $\varepsilon$ | 24 |
| cohira cosia counit | Somersville | 1 | - | 52.1 |  |  | 1 | 2 | 2 | 0 | 3 | 1 | 6 | 15 |
| comora | railromotithe | 2 | $\theta$ | 25.6 |  |  | 1 | 1 | 5 | 3 | 5 | 0 | $\geqslant$ | 24 |
| Dunshuir | SCherate-ayt | 1 | $c$ | 321.1 |  |  | 0 | 0 | 5 | 10 | 5 | 2 | 1) | 37 |
| cl montc | PECK-hatona | $t$ | 8 | 495.0 |  |  | 2 | 4 | 3 | 5 | 4 | 20 | 14 | 52 |
| falrifelo | GAIN-RICYISta | 1 | A | 49.1 |  |  | 0 | 5 | 4 | 9 | 3 | 4 | 12 | 37 |

APPENOLX C
rago 2 of 3
Secial Constions gactors for Grade Crossings Nominated for Senaration or Elimination

| abenct | $\begin{gathered} \text { CROSSING } \\ \text { HAKE } \end{gathered}$ | Rr | BR | $\begin{aligned} & \text { HILE } \\ & \text { POSS } \end{aligned}$ | suf | Prop | $\begin{aligned} & \text { YEH SPD } \\ & \text { LIKII } \end{aligned}$ | $\begin{aligned} & \text { TRAIN } \\ & \text { SPEEO } \\ & \text { GZ } \end{aligned}$ | $\begin{aligned} & \text { XING } \\ & \text { GEOH } \\ & 63 \end{aligned}$ $63$ | $\begin{aligned} & \text { BLKNG } \\ & \text { OECAY } \end{aligned}$ | $\begin{aligned} & 111 \\ & \text { R1E } \\ & 65 \end{aligned}$ | $\begin{aligned} & \text { ACC } \\ & \text { HISI } \\ & 66 \end{aligned}$ | [ RR | $\begin{aligned} & \text { TOIOL } \\ & \text { ser } \end{aligned}$ | B 'A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| fresno courit | ASHLAN AY | 1 | B | 199.9 |  |  | 5 | 1 | 5 | 7 | 5 | 1 | 10 | 34 |  |
| maruard | $\wedge$ Streft | 4 |  | 20.2 |  |  | 0 | 4 | 5 | 0 | 1 | 2 | 8 | 20 |  |
| heryard | A street | 1 | 0 | 20.0 |  |  | 0 | 1 | 3 | 3 | 3 | 9 | 11 | 30 |  |
| Inoso | honrot st | 1 | B | 609.7 |  |  | 0 | 5 | 4 | 9 | 5 | 3 | . 10 | 36 |  |
| IRVIne | tavine lve | 2 |  | 100.5 |  |  | 5 | 5 | 3 | 3 | 2 | 3 | 10 | 31 |  |
| IRYINE | alton parkway | 2 |  | 185.8 |  | * | 5 | 5 | 0 | 0 | 5 | 0 | 4 | 19 |  |
| cos ahgress counit | grano-inousty | 1 | 8 | 508.0 | 1 | * | 3 | 4 | 0 | 5 | 2 | 0 | 1 | 18 |  |
| los argeies countr | RI 10S-hic | 1 | 日6L | 491.91 |  |  | 1 | 0 | 2 | 3 | 0 | 13 | 9 | 28 |  |
| cos ahgeles courit | alonora ol | 2 |  | 159.6 |  |  | 5 | 1 | 3 | 6 | 5 | 4 | 10 | 35 |  |
| cos angeles counir | gamdint bl | 3 | A | 3.4 |  |  | 3 | 0 | 3 | 5 | 1 | 4 | 9 | 25 |  |
| cos ancrics couniy | Greenhoud-hib | 2 |  | 149.5 |  |  | 1 | 4 | 3 | 1 | 3 | 3 | 0 | 29 |  |
| cos ahgeles countr | HOLEYHood way | 1 | $\theta$ | 469.6 |  |  | 1 | 3 | 3 | 2 | 4 | 5 | 10 | 26 |  |
| cos angeles coumiy | florence ay | 1 | 86 | 488.5 |  |  | 1 | 0 | 3 | 5 | 2 | 2 | 6 | 17 |  |
| lus angeles county | oduglas St | 2 | 1 | 15,02 | 8 | * | 2 | 0 | 0 | 1 | 2 | 0 | 5 | 10 |  |
| los argeles coulitr | castern ay | 2 |  | 147.3 |  |  | 2 | 4 | 4 | 0 | 1 | 2 | 1 | 30 |  |
| los ahgeles | santa fe-masil | 2 |  | 143.29 | c |  | 2 | 0 | 3 | 9 | 2 | 5 | 10 | 31 |  |
| los angetes | saticor sit | 1 | E | 656.0 | - | * | 2 | 4 | 0 | 2 | 2 | 0 | 5 | 15 |  |
| los anceles | valcey-Eastan | 1 | 8 | 405.8 |  |  | 1 | 0 | 3 | 3 | 4 | 3 | 7 | 21 |  |
| los angeles | horit math st | 5 | $\theta$ | 1.42 |  |  | 1 | 0 | 5 | 4 | 1 | 2 | 11 | 24 |  |
| los angeles | nordhofl St | 1 | E | 446.5 |  | * | 1 | 4 | 0 | 2 | 1 | 0 | 6 | 14 |  |
| mohmalk | Imptrial hay | 1 | 6 K | 498.0 |  |  | 2 | 1 | 3 | 3 | 2 | 3 | 9 | 23 |  |
| oceansioe | combineo evr | 2 |  | 225.9 |  |  | 0 | 1 | 4 | 5 | 2 | 12 | 13 | 37 |  |
| omiakio | cucljo ave | 1 | 8 | 520.1 |  |  | 1 | 4 | 2 | 9 | 1 | 6 | 14 | 17 |  |
| PIllsourg | railmosd ay | 1 | 8 | 48.9 |  |  | 0 | 2 | 5 | 1 | 2 | 1 | 2 | 18 | - |
| Pillsaurg | railford ay | 2 |  | 1155.7 |  |  | 0 | 2 | 4 | 3 | 1 | 6 | 10 | 26 |  |

## Srecial Condilions facturs for Grade Crossines fominated for Separation or Elimination

| Agency | $\underset{\text { MAME }}{\text { CROSSING }}$ | KR | 68 | $\begin{aligned} & \text { HILE } \\ & \text { POST } \end{aligned}$ | sur | PRUP | $\begin{aligned} & \text { YEH SPO } \\ & \text { LIHBI } \\ & G 1 \end{aligned}$ | $\begin{aligned} & \text { TRATH } \\ & \text { SPER } \end{aligned}$ GR | $\begin{aligned} & \text { YJMg } \\ & \text { GGGH } \\ & \text { G3 } \end{aligned}$ | $\begin{aligned} & \text { BLKAG } \\ & \text { OELAY } \\ & \text { G } \end{aligned}$ | $\begin{gathered} \text { ALI } \\ \text { RIE } \\ \text { GS } \end{gathered}$ | $\begin{aligned} & \text { ACC } \\ & \text { HISI } \\ & \text { GG } \end{aligned}$ | $\begin{aligned} & \text { IRR } \\ & \hline 1 \end{aligned}$ | cotm scf |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| pohora | gosflaink av | 1 | 8 | 511.8 | $\wedge$ | - | 2 | 4 | 0 | 4 | 1 | 0 | 5 | 16 |
| hichmond | $23 R 0$ SI | 1 | 1 | 14.5 |  |  | 0 | 3 | 4 | 3 | 1 | 8 | 10 | 29 |
| ficheamo | 2sRO SI | 1 | 1 | 24.5 |  |  | 0 | 5 | 4 | 3 | 1 | 8 | 10 | 29 |
| Riversiof | yan burch ol | 2 | B | 16.6 |  |  | 2 | 3 | 5 | 2 | 1 | 8 | 11 | 32 |
| Riversioc | arlingion ay | 2 | B | 12.4 |  |  | 1 | 2 | 5. | 1 | 1 | $\checkmark$ | 9 | 27 |
| rohme ki park | rohneri pkex | 5 |  | 47.4 |  |  | 1 | 2 | 1 | 1 | 2 | 2 | 4 | 13 |
| SALINAS | goronos romo | 1 | c | 118.7 |  |  | 5 | 5 | 1 | 6 | 5 | 5 | 1 | 34 |
| Santa fe sprihgs | carmentita ro | 2 |  | 157.3 |  |  | 3 | 4 | 4 | 4 | 3 | 14 | 9 | 36 |
| sath carlos | holly st | 1 | E | 23.2 |  |  | 0 | 4 | 2 | 4 | 4 | 6 | 10 | 30 |
| san charicl | SAn gabrl bl | 1 | B | 491.2 |  |  | 1 | 1 | ! | 5 | 1 | 2 | 8 | 21 |
| SAn gabrist | HISSIOM OR | 1 | 8 | 490.3 |  |  | 0 | 1 | 4 | 5 | 0 | 1 | 9 | 20 |
| SAN GRBRIEL | ramoka si | 1 | 8 | 490.2 |  |  | 0 | 1 | 4 | 5 | 0 | 0 | 9 | 19 |
| sam gabifit | sam gael lur | 1 | B | 490.2 |  |  | 1 | 1 | 5 | 5 | 2 | $+$ | 15 | 33 |
| Safl gabriel | OEl mah ay | 1 | B | 490.7 |  |  | 0 | 1 | 3 | 5 | 0 | 1 | 7 | 11 |
| SAN Jose | hermal ro | 1 | E | 61.0 |  |  | 2 | 5 | 4 | 5 | 5 | 1 | 0 | 30 |
| SAN JOSC | ghantian th | 1 | E | 57.3 |  |  | 1 | 5 | 1 | 5 | 2 | 1 | 8 | 25 |
| stackion | hahmer tane | 4 |  | 98.5 |  |  | 3 | 4 | 1 | 5 | 5 | 3 | $\boldsymbol{l}$ | 26 |
| sunatyale | MOLFE RD | 1 | $\varepsilon$ | \$9.1 |  |  | 1 | 5 | J | 4 | 2 | 3 | 11 | 29 |
| jorrance | torrance rel | 1 | 886 | 500.13 |  |  | 0 | 0 | 5 | 2 | 3 | 2 | 9 | 19 |
| dorramce | del ano bl | 2 | 4 | 19.5 |  | - | 3 | 0 | 0 | 4 | 5 | 0 | 5 | 11 |
| toker linda | mifr cahyon | 2 | 0 | 35.8 | 1 | - | 5 | 4 | 0 | 5 | 5 | 0 | 6 | 25 |

## APPENDIX D

Siecial Conditions factors for Searations fominated for Alteration or finconstructlon

## agehct

BARSTOH
buena park
caltrans
caltrans
caltrans
los ahgetes
broville
orovicle
pohona
santa babgara courity

| $\begin{gathered} \text { CROSSING } \\ \text { MAHE } \end{gathered}$ | RR | Gr | $\begin{aligned} & \text { MILE } \\ & \text { POSI } \end{aligned}$ | SUF | Prop | $\begin{aligned} & \text { HIOTII } \\ & \text { CLEAR } \\ & \text { S1 } \end{aligned}$ | $\begin{aligned} & \text { HEIGHI } \\ & \text { CIEAR } \\ & \text { \$2 } \end{aligned}$ | SPEED KEOLC 53 | $\begin{aligned} & 1020 \\ & 11 H 11 \\ & 54 \end{aligned}$ | ACC SItuC 55 | $\operatorname{ligk}_{\mathrm{SE}}^{\mathrm{I}_{2}}$ | $\begin{aligned} & \text { TOTAL } \\ & \text { SCF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| first street | 2 |  | 746.5 | $A$ |  | 6 | 0 | 2 | 5 | 10 | 7 | 50 |
| 日EACH BL | 2 |  | 160.6 | 8 |  | 10 | 4 | 2 | 5 | 9 | $\varepsilon$ | 36 |
| 237-SHIA CLRA | 1 | E | 37.1 | $\wedge$ |  | 0 | 0 | 5 | 0 | 6 | 5 | 16 |
| 70-ruga | 1 | $c$ | 141.1 | 8 |  | 4 | ${ }^{4}$ | 5 | 2 | 2 | 8 | 25 |
| 23a-ALAHEOA | 4 | ${ }_{6}$ | 1.4 | 0 |  | 0 | 4 | 2 | 0 | 0 | 5 | 19 |
| olly St | 1 | 0 | 483.26 | $\wedge$ |  | - | 6 | 0 | 0 | 0 | 7 | 19 |
| arioce st | 4 |  | 205.3 | 1 |  | 6 | 0 | 5 | 0 | 0 | 7 | 18 |
| QRIOGE SI ALT | 4 |  | 205.3 | $\wedge$ |  | 6 | 0 | 5 | 0 | 0 | 1 | 10 |
| hutanc mat | 1 |  | 29.8 | A |  | 4 | 0 | 0 | 0 | 0 | 5 | 9 |
| hollister ave | 1 | E | 365.7 | 8 |  | 0 | 0 | 5 | 0 | 10 | 9 | 24 |

Mrojects Huginated by Iriority Indox Pheler

AGEMCY

## BUEHA PAHK

UHJAKIO
EL HOMIE
ALAHEDA COUNIY
ataheoa county
OCEANSIOE
Ataheor COURIY
LUNSAUIR
stikitivale
CALIRAMS
SAN GABKIEL
GARSTUN
chetralis
INOIO
GARERSFIFLO
POkiona
PRESHO COUHIY
SAN Caflos
LOS AHGELES
SAli GABRIRL
HAKERSFIELO
SALINAS
nauvilie
TOREA lindo
PIITSAURG

| $\begin{gathered} \text { CROSSIMG } \\ \text { HAHE } \end{gathered}$ | RR | Bf | $\begin{aligned} & \text { MILE } \\ & \text { POST } \end{aligned}$ | suf | PROP |  | $\begin{gathered} v \times 1 \\ \times \times 24 \end{gathered}$ | SCF | $\begin{aligned} & \text { PRIORIIY } \\ & \text { INDEX } \\ & \text { MUMER } \end{aligned}$ | PGIUHITY <br> NUMBEA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BEACH OL | 2 |  | 160.6 | 13 |  |  | 23 | 36 | 59 | 1 |
| EUCRIO AVE | 1 | 8 | 520.1 |  |  |  | 20 | 37 | 57 | 2 |
| PECK-RAKONA | 1 | $B$ | 495.0 |  |  |  | 5 | 52 | 57 | \$ |
| LIV-PLEAS CNL | 4 |  | 37.2 |  |  |  | 4 | 47 | 51 | 4 |
| SUNOL-PLESCL | 4 |  | 37.2 |  |  |  | 2 | 47 | 49 | 3 |
| COMBINEO LMR | 2 |  | 225.9 |  | , | . | 9 | 37 | 46 | 6 |
| LIY-ALI CNSL | 1 | 0 | $46.0{ }^{\circ}$ |  |  |  | 4 | 41 | 45 | 1 |
| SCIIERHER-AVE | 1 | c | 321.7 |  |  |  | $\boldsymbol{T}$ | 31 | 44 | 8 |
| MOLIE RD | 1 | I | 39.7 |  |  |  | 15 | 29 | 44 | 9 |
| 138-SAN GROO | 2 |  | 60.9 |  |  |  | 2 | 41 | 43 | 10 |
| SAH GABL IWR | 1 | 8 | 490.2 |  |  |  | 10 | 33 | 43 | 11 |
| FIRSI STRECI | 2 |  | 746.5 | A | - |  | 13 | 30 | 43 | 12 |
| 23T-SNIA CLRA | 1 | $E$ | 37.1 | $\lambda$ |  |  | 26 | 16 | 42 | 15 |
| HOMFOE ST | 1 | B | 609.7 | . |  |  | 5 | 36 | 11 | 14 |
| UNION-24TH | I | 8 | 312.3 |  |  |  | 6 | 35 | - 39 | 15 |
| ROSELANH AY | 1 | B | 511.0 | A | * |  | 23 | 16 | 39 | 16 |
| ASHLAK AY | 1 | 8 | 199.9 |  |  |  | 4 | 34 | 30 | 17 |
| holerss | 1 | $E$ | 25.2 |  |  |  | 0 | 30 | 30 | 18 |
| SANTA FL-EASH | 2 |  | 143.29 | c |  |  | $\boldsymbol{I}$ | 31 | 18 | 19 |
| SAM GABRL BL | 1 | B | 491.2 |  |  |  | 16 | 21 | 37 | 20 |
| 1151 | 2 |  | 087.5 |  |  |  | 11 | 26 | 31 | 21 |
| boronoa roan | 1 | [ | 116.7 |  |  |  | 2 | 34 | 36 | 22 |
| BKIDGE ST ALI | 4 |  | 205.3 | 4 |  |  | 17 | 10 | 35 | 23 |
| WIER CANYON | 2 | 8 | 15.8 | A | * |  | 10 | 25 | 35 | 24 |
| RAILgOAD AV | 2 |  | 1155.1 |  |  |  | 8 | 26 | 34 | 25 |

Profects Hominated by Priority Index Humber

| agencr | $\begin{aligned} & \text { CrOSSIMG } \\ & \text { HAHE } \end{aligned}$ | R ${ }^{\text {a }}$ | BR | $\begin{aligned} & \text { HILC } \\ & \text { POSI } \end{aligned}$ | SUF | frop | $\begin{gathered} y \times 1 \\ \hdashline \times 25 \end{gathered}$ | Scf | $\begin{aligned} & \text { PRIORIIY } \\ & \text { INOEX } \\ & \text { NUMER } \end{aligned}$ | PRIOKII HUBEEG |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| michemd | 25 cos 51 | 1 | , | 14.3 |  |  | 5 | 29 | 34 | 26 |
| los angries countr | Crichmono-ht ${ }^{\text {a }}$ | 2 |  | 149.5 |  |  | 5 | 29 | 36 | 21 |
| Reversiof | artimgion av- | 2 | 4 | 12.6 |  |  | 6 | 27 | 33 | 20 |
| - c cimporo | 2580 St | 1 | $\lambda$ | 24.5 |  |  | 1 | 29 | 33 | 29 |
| tevine | Iryipit tyr | 2 |  | 180.5 |  |  | 2 | 31 | 33 | 30 |
| \$an jose | errnal mo | 1 | f. | 61.0 |  |  | 2 | 10 | 32 | 31 |
| toramice | torrame rcile | 1 | $80 G$ | 500.75 |  |  | 11 | 19 | 30 | 32 |
| stuckion | hahber line | 4 |  | 98.5 |  |  | 4 | 26 | 30 | 13 |
| samia garamra coumit | holetsitr aye | 1 | c | 365.7 | 0 |  | 6 | 24 | 30 | 34 |
| calirans | 166-S1A 8AIzod | 1 | E | 276.8 |  |  | 4 | 25 | 29 | 35 |
| horwalk | InPEkAL HEA | 1 | 日K | 498.0 |  |  | 6 | 23 | 29 | 36 |
| malieste | statecoll-Ege | 2 |  | 170.3 |  |  | 6 | 23 | 29 | 51 |
| caligans | 237-Snld Cema | 1 | L | 39.8 |  |  | 2 | 21 | 29 | 38 |
| l.OS ANGELES COUHTY | 8) 105-5tc | 1 | 8 tat | 491.91 | . |  | 1 | 28 | 29 | 39 |
| ukoville | bfince sy | 4 |  | 205.3 | A |  | 11 | 18 | 29 | 40 |
| san gabaite | matoma st | 1 | 0 | 490.2 |  |  | 9 | 19 | 20 | 41 |
| san grbriti | nsssidutite | 1 | a | 490.5 |  |  | 0 | 20 | 28 | $4 ?$ |
| caltratis | 60-MOHIEREY | 1 | $E$ | 119.29 |  |  | 6 | 20 | 26 | 43 |
| anabisim | LINCOLM A v | 1 | 8K | 508.5 |  |  | 9 | 19 | 28 | 44 |
| cos ahciess counit | natoint $\mathrm{Bl}_{6}$ | 3 | $A$ | 3.4 |  |  | 3 | 25 | 28 | 45 |
| cos ahactes counit | hollinouce may | 1 | 0 | 469.6 |  |  | 2 | 26 | 28 | 46 |
| calirans | ro-1uan | 1 | $c$ | 141.7 | 0 |  | 3 | 25 | 28 | 47 |
| cohrance | oet hat eil | 2 | 11 | 19.5 |  | - | 11 | 11 | 28 | 46 |
| cilico | barion Rmab | 1 | c | 101.0 |  |  | 5 | 24 | 27 | 49 |
| calimatis | 1 Bo-fRES no | 2 |  | 991.8 |  |  | 6 | 21 | 21 | 50 |

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Projects Hominated by Priority Index Number

| $\underset{\text { NRSI }}{\text { CROSSIHG }}$ | \%R | 0R | $\begin{aligned} & \text { H1LE } \\ & \text { POSY } \end{aligned}$ | suf | PROP | $\begin{gathered} y \times 1 \\ \hdashline x 24 \end{gathered}$ | scf | $\begin{aligned} & \text { PRIORIITY } \\ & \text { INOEXR } \\ & \text { HUBER } \end{aligned}$ | PGIOEIIT <br> NUMEER |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| morit halif st | 3 | 0 | 1.42 |  |  | 2 | 24 | 26 | 51 |
| 84-rolo | 1 | 1 | 07.5 | 0 | * | 1 | 19 | 26 | 52 |
| gatlroad-linc | 2 | a | 25.6 |  |  | 1 | 24 | 25 | 53 |
| railmoan ay | 1 | 0 | 40.9 |  |  | 1 | 18 | 25 | 54 |
| cincolm ay | 2 |  | 167.7 |  |  | 4 | 21 | 25 | 55 |
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| th-RIVERSIDE | 1 | 0 | 562.4 |  |  | 5 | 19 | 24 | 51 |
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| OOUGLAS SI | 2 | H | 15.02 | 0 | - | 2 | 10 | 12 | 73 |

