## Southern Pacific Company

(PACIFIC LINES)

## TIME TABLE

FOR THE
WESTERN DIVISION-ELECTRIC LINES

For the government and information of employes only.
F. L. BURCKHALTER,

General Manager.
W. B. KIRKLAND,

Superintendent of Transportation.

## ROSTERS

| ROSTERS NO. 1 <br> The iollowing Time Tables are in effect: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\xrightarrow{\text { Line }}$ Number |  |  |  | $\begin{gathered} \text { Date } \\ \text { Feb. } 28,1932 \end{gathered}$ |
|  |  |  |  | eb. 28, 1932 |
| Shattuck |  |  |  | 28,193 |
| Ainth and California............. |  |  |  | . 28, 193 |
| Eighteenth St................... |  |  |  | . 28, 1932 |
| Oakland-Alameda-Melrose |  |  |  | eb. 28,1932 |
|  |  |  |  | Alameda Loop................. $7 \quad$ Feb. 28,1932 |
| before starting time shown for initial trip, except on runs where roster specifies direct relief. |  |  |  |  |
| Train and enginemen must be at their train not less than two (2) minutes before scheduled leaving time to make air tests and direct passengers. |  |  |  |  |
| Enginemen must confer with conductor before making |  |  |  |  |
|  |  |  |  |  |
| ductor must make record on reverse side of Form 2636 of |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| outside terminal. |  |  |  |  |
| On all runs changing to a lower number each day, crew standing for a run not scheduled to operate, will be off duty on that day, and take the next lower number the following day. |  |  |  |  |
|  |  |  |  |  |
| Seventh st. line |  |  |  |  |
| Runs 9 to 1 change to next lower number each |  |  |  |  |
| Run | Start | Place | Train | Rel |
| daily except saturdays, sundays and holidays |  |  |  |  |
| 9 | 5.06 p.m. | Melrose | 68 | 1.40 am . |
| 8 | 3.46 p.m. |  | 60 | $12.25 \mathrm{a} . \mathrm{m}$. |
|  | ( 2.23 p.m. |  | 57 | 8.05 p.m. |
|  | 9.23 p.m. |  | 91 | $11.23 \mathrm{p} . \mathrm{m}$. |
| 6 | 1.23 p.m. |  | 51 | 9.23 p.m. |
|  | 9.46 a .m. |  | 24 | $11.46 \mathrm{am} . \mathrm{m}$. |
|  | 1.43 p.m. |  | 53 | 7.27 p.m. |
|  | $5.54 \mathrm{a} . \mathrm{m}$. | East Oakland | 158 | 2.23 p.m. |
|  | 5.45 a.m. | Melrose | 154 | 2.03 p.m. |
| 321 | 5.09 a.m. |  | 150 | 1.23 p.m. |
|  | 5.07 a.m. |  | 148 | 1.43 p.m. |
|  |  | saturday |  |  |
|  | 5.06 p.m. | Melrose | 68 | 1.40 a.m. |
|  | 3.46 p.m. |  | 60 | $12.25 \mathrm{a} . \mathrm{m}$. |
|  | $\{2.23$ p.m. |  | ${ }_{91}^{57}$ | ${ }_{11.23}^{8.05} \mathrm{p} . \mathrm{m}$. |
|  | 9.23 p.m. |  |  | $11.23 \mathrm{p} . \mathrm{m}$. |
|  | $\left\{\begin{array}{l} 3.23 \mathrm{p} . \mathrm{m} . \\ 11.23 \mathrm{p} . \mathrm{m} . \end{array}\right.$ |  | ${ }_{97}^{63}$ |  |
|  |  |  |  |  |
|  | \{ $1.43 \mathrm{p} . \mathrm{mm}$. |  | 53 | 7.27 p.m. |
| 4 | $5.54 \mathrm{a} . \mathrm{m}$. | East Oakland | 158 | 2.23 p.m. |
| 3 | 5.45 a am. | Melrose | 154 | 2.03 p.m. |
|  |  |  | 150 |  |
| 2 | 10.26 a.m. |  | 28 | 3.23 p.m. |
|  |  |  |  |  |
|  |  |  |  |  |
| 9 | 5.06 p.m. | Melrose | 68 | 1.40 a.m. |
| 8 | 3.46 p.m. | " | 60 | 12.25 a.m. |
| 7 | Off duty |  |  |  |
|  | $\left\{\begin{array}{l} 1.23 \mathrm{p} . \mathrm{m} \\ 7.23 \text { p.m. } \end{array}\right.$ | Melrose | $\begin{aligned} & 51 \\ & 85 \end{aligned}$ | $\begin{aligned} & 5.23 \mathrm{p} . \mathrm{m} . \\ & { }_{11.23} \mathrm{p} . \mathrm{m} . \end{aligned}$ |
| Off Duty |  |  |  |  |
| 4 | Off Duty |  |  |  |
| 3 | 5.26 a.m. | Melrose | 152 | 2.03 p.m. |
| 2 | $5.09 \mathrm{a} . \mathrm{m}$. |  | 150 | 1.23 p.m. |
| 1 | Off Duty |  |  |  |



Rosters Continued on Next Page

## ROSTERS-Concluded




| 2 | Eastward |  | BERKELEY-Ellsworth Street Line. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FIRSt class |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ELLSWORTH LINE Time Table No. 7 Effective 4 a. m., Feb. 28, 1932 |
|  | 640 | 638 | 636 | 634 | 632 | 630 | 628 | 626 | 624 | 622 | 620 | 618 | 616 | 614 | 612 | 610 | 608 | 606 | 604 |  |  |
|  |  | Leave Daily | $\begin{gathered} \text { Leave Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Leave Daity | $\begin{gathered} \text { Leave Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Leave Daily | $\begin{gathered} \text { Leave Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Leave Daily | $\begin{gathered} \text { Leave Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Leave Daily | Leave Daily Ex. Sunday and Holidays | Leave Daily | $\begin{aligned} & \text { Leave Daily } \\ & \text { Ex. Sunday } \\ & \text { and Holidays } \end{aligned}$ | Leave Daily |  | Leave Daily | $\begin{aligned} & \text { Leave Daily } \\ & \text { Exd Sunday } \\ & \text { End Holidays } \end{aligned}$ | Leave Daily | $\begin{aligned} & \text { Leave Daily } \\ & \text { Exx Sunday } \\ & \text { and Holidays } \end{aligned}$ |  |  |
|  | ${ }_{12}^{\text {Kooñ }}$ | 11.40 mm | 11.20 am | 11.004m | 10.40 am | 10.20 Mm | 10.004m | 9.40 Am | 9.20 mm | 9.00 am | 8.40 Mm | 8.2 OMm | 8.00 mm | 7.40am | 7.20 Mm | 7.00 Mm | 6.40 mm | 20 mm | 6.00 mm | 0.0 |  |
|  | 12.18 Pm | 11.58 | 11.38 | 11.18 | 10.58 | 10.38 | 10.18 | 9.58 | 9.38 | 9.18 | 8.58 | 8.38 | 8.18 | 7.58 | 7.38 | 7.18 | 6.58 | 6.38 | 6.18 | 3.5 |  |
| BKI P | 12.20 Pm | $12.011^{\text {PM }}$ | 11.40 Am | 11.20 Am | 11.00 Am | 10.40 Am | 10.20 Am | 10.00 Am | 9.40 Am | 9.20 am | 9.00 Am | 8.40Mm | 8.20 mm | 8.00 km | 7.40 mm | 7.20 Mm | 7.00 Am | 6.40 Am | 6.20 mm | 3.5 |  |
|  | 12.25 | 12.05 | 11.45 | 11.25 | 11.05 | 10.45 | 10.25 | 10.05 | 9.45 | 9.25 | 9.05 | 8.45 | 8.25 | 8.05 | 7.45 | 7.25 | 7.05 | 6.45 | 6.25 | 5.5 |  |
|  | 12.28 | 12.08 | 11.48 | 11.28 | 11.08 | 10.48 | 10.28 | 10.08 | 9.48 | 9.28 | 9.08 | 8.48 | 8.28 | 8.08 | 7.48 | 7.28 | 7.08 | 6.48 | 6.2 | 7.2 |  |
|  | 12.30 | 12.10 | 11.50 | 11.30 | 11.10 | 10.50 | 10.30 | 10.10 | 9.50 | 9.30 | 9.10 | 8.50 | 8.30 | 8.10 | 7.50 | 7.30 | 7.10 | 6.50 | 6.30 |  |  |
|  | 12.32 | 12.12 | 11.52 | 11.32 | 11.12 | 10.52 | 10.32 | 10.12 | 9.52 | 9.32 | 9.12 | 8.52 | 8.32 | 8.12 | 7.52 | 7.32 | 7.12 | 6.52 | 6.32 |  |  |
|  | 12.36 | 12.16 | 11.56 | 11.38 | 11.16 | 10.56 | 10.36 | 10.16 | 9.56 | 9.36 | 9.16 | 8.56 | 8.36 | 8.16 | 7.56 | 7.36 | 7.16 | 6.56 | 6.36 | 9.7 |  |
| P | 12.38 Pm | 12.18 PM | 11.58 Am | 11.38 Am | 11.18 Am | 10.58 mm | 10.38 AM | 10.18 mm | 9.58 mm | 9.38m | 9.18 m | 8.58 Am | 8.38 mm | 8.18am | 7.58 mm | 7.38 Mm | 7.18 mm | 6.58 м | 6.38 mm | 10.2 |  |
|  | $\begin{aligned} & \text { Arrive Didivy } \\ & \text { and } \\ & \text { and Indidys } \end{aligned}$ | Artive Daily | $\begin{gathered} \text { Arrive Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Arrive Dally | $\begin{gathered} \text { Arrive Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Arrive Daily | $\begin{aligned} & \text { Arrive Daily } \\ & \text { Ex. Sunday } \\ & \text { and Holidays } \end{aligned}$ | Arrive Daily | $\left\lvert\, \begin{array}{\|l\|} \hline \text { Arrive Daily } \\ \text { End Sunday } \\ \text { and Holidays } \end{array}\right.$ | Arrive Daily | $\begin{gathered} \frac{\text { Arrive Daily }}{} \\ \text { Ex. Sulday } \\ \text { and Holidays } \end{gathered}$ | Arrive Daily | $\begin{gathered} \text { Arive Daily } \\ \text { Exx Sunday } \\ \text { and Holidays } \end{gathered}$ | Arive Daily | $\begin{gathered} \text { Arrive Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Arive Daily | $\begin{array}{\|l} \text { Arrive vainy } \\ \text { Exx Sunday } \\ \text { and Hoildays } \end{array}$ | Arive Daily | Arrive Daily <br> Ex <br> and Holidayys |  |  |
|  | 117 | 118 | 120 | 11 | 118 | 119 | 117 | 118 | 119 | 117 | 118 | 119 | 117 | 118 | 119 | 117 | 118 | 119 | 117 |  |  |
|  |  | 118 |  | 119 |  | 118 |  | 119 |  | 118 |  | 119 |  | 118 |  | 119 |  | 118 |  |  |  |
|  | 678 | 676 | 674 | 672 | 670 | 668 | 666 | 664 | 662 | 660 | 658 | 656 | 654 | 652 | 650 | 648 | 646 | 644 | 642 |  |  |
|  | Leave Daily | $\substack{\text { Leave Daily } \\ \text { Exid } \\ \text { and Holidays } \\ \text { and }}$ | Leave Daily | $\begin{array}{\|l\|} \begin{array}{l} \text { Leave Daily } \\ \text { Lex. Sonday } \\ \text { End Holidays } \end{array} \end{array}$ | Leave Daily | $\begin{aligned} & \text { Leave Daily } \\ & \text { Ex. Sudays } \\ & \text { and Hoidays } \end{aligned}$ | Leave Daily | $\substack{\text { Leave Daily } \\ \text { Exd Sudy } \\ \text { and Holidays } \\ \hline}$ | Leave Daily | $\begin{array}{\|l\|} \hline \text { eave Daily } \\ \text { Enx Sunday } \\ \text { gnd Holidays } \end{array}$ | Leave Daily | $\begin{gathered} \text { Leave Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Leave Daily | $\begin{aligned} & \begin{array}{l} \text { Leave Daily } \\ \text { ex. Sundy } \\ \text { and Hondays } \end{array} \\ & \hline \end{aligned}$ | Leave Daily | $\begin{aligned} & \begin{array}{l} \text { Leave Daily } \\ \text { end Sunday } \\ \text { and Honidays } \end{array} \\ & \hline \end{aligned}$ | Leave Daily | $\begin{array}{\|l\|l\|} \hline \text { Leave Daily } \\ \text { Exd Sunday } \\ \text { and Holidays } \end{array}$ | Leave Daily |  |  |
|  | 6.20 PM | 6.00pm | 5.40PM | 5.20 PM | 5.00pu | 4.40PM | 4.20 Pm | 4.00pu | 3.40 Pm | 3.20pM | 3.00pm | 2.40 PM | 2.20 Pm | 2.00 Pm | 1.40Pm | 1.20PM | 1.00 Pm | 12.40Pm | 12.208m | 0.0 |  |
|  | 6.38 | 6.18 | 5.58 | 5.38 | 5.18 | 4.58 | 4.38 | 4.18 | 3.58 | 3.38 | 3.18 | 2.58 | 2.38 | 2.18 | 1.58 | 1.38 | 1.18 | 12.58 | 12.38 | 3.5 |  |
| $\overline{\text { BKI P }}$ | P 0.40 PM | 6.207m | 6.00pm | 5.4 Prm | 5.2 Pm | 5.00PM | 4.40 Pm | 4.2 OPM | 4.00 Pm | 3.408m | 3.20Р4 | 3.00pm | 2.40Pm | 2.20 PM | 2.00 Pm | 1.4 CPM | 1.20 Pm | 1.00 Pm | 12.40PM | 3.5 |  |
|  | P 6.45 | 6.25 | 6.05 | 5.45 | 5.25 | 5.05 | 4.45 | 4.25 | . 05 | 3.45 | 3.25 | 3.05 | 2.45 | 2.25 | 2.05 | 1.45 | 1.25 | 1.05 | 12.45 | 5.5 |  |
| $1 \quad \mathbf{P}$ | 6.48 | 6.28 | 6.08 | 5.48 | 5.28 | 5.08 | 4.48 | 4.28 | 4.08 | 3.48 | 3.28 | 3.08 | 2.48 | 2.28 | 2.08 | 1.48 | 1.28 | 1.0 | 12.48 | 7.2 |  |
|  | 6.50 | 6.30 | 6.10 | 5.50 | 5.30 | 5.10 | 4.50 | 4.30 | 4.10 | 3.50 | 3.30 | 3.10 | 2.50 | 2.30 | 2.10 | 1.50 | 1.30 | 1.10 | 12.50 |  |  |
| 1 P | 6.52 | 6.32 | 6.12 | 5.52 | 5.32 | 5.12 | 4.52 | 4.32 | 4.12 | 3.52 | 3.32 | 3.12 | 2.52 | 2.32 | 2.12 | 1.52 | 1.32 | 1.12 | 12.52 | 8.7 |  |
|  | 6.56 | 8.36 | 6.16 | 5.56 | 5.36 | 5.16 | 4.56 | 4.36 | 4.16 | 3.56 | 3.36 | 3.16 | 2.58 | 2.36 | 2.16 | 1.56 | 1.36 | 1.16 | 12.56 |  |  |
| P | P 6.58PM | 6.38 mm | 6.18 Pm | 5.58 Pm | 5.38PM | 5.18pm | 4.58 Pm | 4.38 Pm | 4.18 Pm | m 3.58Pm | 3.38Pm | 3.18PM | 2.58 Pm | 2.38 Pm | 2.18 Pm | $1.58{ }^{\text {P4 }}$ | 1.38pm | 1.18 PM | 12.58 Pm |  |  |
|  | Arrive Daily | $\begin{aligned} & \overline{\text { Arrive Daily }} \mid \\ & \text { Ex. Sondiy } \\ & \text { and Holidays } \end{aligned}$ | Amrive Daily |  | Arrive Daily | $\begin{gathered} \text { Arrive Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Arrive Dilly | $\begin{aligned} & \text { Arrive Daily } \\ & \text { Ex Sonday } \\ & \text { and Holidays } \end{aligned}$ | Arrive Daily | $\begin{array}{\|l\|} \text { Arrive Danity } \\ \text { And Sunday } \\ \text { and Holidays } \end{array}$ | Arrive Dally | $\left\{\begin{array}{l} \begin{array}{l} \text { Arrive Daily } \\ \text { Ex Sundidy } \\ \text { and Holidays } \end{array} \end{array}\right.$ | Arive Daily | $\begin{array}{\|c} \text { Arrive Daily } \\ \text { Ex sunday } \\ \text { and Holidays } \end{array}$ | Arrive Daily | $\begin{gathered} \text { Arrive Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Arrive Daily | $\begin{array}{\|l} \text { Arrive Daiay } \\ \text { And } \\ \text { and Holiday } \end{array}$ | Arrive Daily |  |  |
|  | 120 | 122 | 121 | 120 | 122 | 121 | 120 | 119 | 121 | 120 | 119 | 118 | 120 | 119 | 118 | 120 | 117 | 118 | 120 |  |  |
|  | 121 |  | 122 |  | 21 |  | 122 |  | 121 |  | 119 |  | 118 |  | 119 |  | 118 |  | 119 |  |  |
| See pages 2 to 15, inclusive, for additional trains between Oakland Pier, Oakland (16th Street), California and Ellsworth Junctions and Thousand Oaks. <br> On single track trains may run into Terminal, superior to themselves as opposing trains originating at such stations. <br> Eastward trains will leave Oakland Pier in following order: Ellsworth 18th Street, Shattuck, California and Ninth. <br> Note.-On days Express trains are operated, 1st Section 18th Street, then Shattuck Express trains to leave first. <br> PASSENGER STOPS <br> Oakland 16th Street head end near Pole 3265. a 5.5. <br> **Woolsey (at Shattuck Ave.). кc 8.9. <br> Prince Street (North Side). кс 9.2. <br> *Russell Street. Kc 9.5. <br> Derby Street (South Side). xc 9.7. <br> ***wight Way. kc 10.0. <br> ***Bancroft Way. кс 10.2 . <br> *On near side in direction moving. Those not stopping approach and pass over with caution. <br> ${ }^{* *}$ Make safety stop before crossing street. <br> ***Stop east end of train on south property line to clear Wig Wag track circuit. <br> In case California Street line service is interrupted, Fllsworth trains will stop at Los Angeles Street, San Pablo Ave. and Green St. <br> In case Shattuck line service is interrupted, stop at |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



| 4 Eastward BERKELEY-Ellsworth Street Lin |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | second class |  |  |  |  | First class |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ELLSWORTH LINE <br> Time Table No. 7 <br> Effective 4 a. m., Feb. 28, 1932 <br> STATIONS |
|  | 756 | 754 | 752 | 750 |  |  |  |  |  | 698 | 696 | 694 | 692 | 690 | 688 | 686 | 684 | 682 | 680 |  |  |
|  | $\begin{gathered} \text { Leave } \\ \text { Snd } \begin{array}{c} \text { Sundiay } \\ \text { Holiays } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Leave Daily } \\ \text { Ex. Sunday } \\ \text { and Holidays } \end{gathered}$ | Leave Daily | $\begin{aligned} & \text { Leave Daily } \\ & \text { Ex. Sunday } \\ & \text { and Holidays } \end{aligned}$ |  |  |  |  |  | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Daily | Leave Dally | Leave Daily | $\begin{aligned} & \text { Leave Daily } \\ & \text { Ex. Sunday } \\ & \text { and Holidays } \end{aligned}$ |  |  |
|  |  |  |  |  |  |  |  |  |  | 12.20 Am | 11.40 Pm | 11.00 PM | 10.20 PM | 9.40PM | 9.00pm | 8.20pm | 7.40Pm | 7.00PM | 6.40PM | 0.0 | San franoisoo |
|  |  |  |  |  |  |  |  |  |  | 12.38 | 11.58 | 11.18 | 10.38 | 9.58 | 9.18 | 8.38 | 7.58 | 7.18 | 6.58 | 3.6 | OAKLAND ${ }^{3.5}$ PIER ${ }^{\text {a }}$ ? |
| BEI P |  |  |  |  |  |  |  |  |  | 12.40 Am | 11.59 Pm | 11.20 Pm | 10.40 Pm | 10.00PM | 9.20Pm | 8.40PM | 8.00 Pm | 7.20PM | 7.00PM | 3.5 | R OAKLAND PIER 7 |
|  |  |  |  |  |  |  |  |  |  | 12.45 | 12.05 Am | 11.25 | 10.45 | 10.05 | 9.25 | 8.45 | 8.05 | 7.25 | 7.05 | 5.6 | OAKLAND ${ }^{2.0}$ (16tin Streat) |
| 1 $\mathbf{P}$ |  |  |  |  |  |  |  |  |  | 12.48 | 12.08 | 11.28 | 10.48 | 10.08 | 9.28 | 8.48 | 8.08 | 7.28 | 7.08 | 7.2 |  |
| $\mathbf{p}$ <br>  | $\begin{gathered} \text { Berryman } \\ 6.30 \text { AM } \end{gathered}$ | Berryman 6.10 A | Beryman <br> 5.50 Am | $\begin{gathered} \hline \text { Berryman } \\ 5.30 \mathrm{AM} \end{gathered}$ |  |  |  |  |  | 12.50 | 12.10 | 11.30 | 10.50 | 10.10 | 9.30 | 8.50 | 8.10 | 7.30 | 7.10 | 8.0 |  |
| P | 6.37 | 8.17 | 5.57 | 5.37 |  |  |  |  |  | 12.52 | 12.12 | 11.32 | 10.52 | 10.12 | 9.32 | 8.52 | 8.12 | 7.32 | 7.12 | 8.7 | $\underset{\substack{\text { ELSWO} \\ \text { Key Systam Com Cosing }}}{ }$ |
|  | 6.40 | 0.20 | 6.00 | 5.40 |  |  |  |  |  | 12.58 | 12.16 | 11.38 | 10.58 | 10.16 | 9.36 | 8.58 | 8.16 | 7.36 | 7.16 | 9.7 |  |
| P | 6.43 Am | 6.23 mm | 6.03й | 5.43 Mm |  |  |  |  |  | 12.58 Am | 12.18 Am | 11.38 PM | 10.58 Pm | 10.18 ${ }^{\text {Pm }}$ | 9.38 PM | 8.58PM | 8.18PM | 7.38PM | 7.18 Pm | 10.2 | met bancrort WAY |
|  | $\begin{array}{\|c\|} \hline \text { Arrive } \\ \text { and Holidays } \\ \hline \end{array}$ | Arrive Daily <br> ExX Sunday <br> and Holidays | Arrive Daily | $\begin{array}{\|c\|} \hline \text { Arrive Daily } \\ \text { Exd Sunday } \\ \text { and Holidays } \\ \hline \end{array}$ |  |  |  |  |  | Arrive Daily | Artive Daily | Arrive Daily | Amive Daily | Arrive Daily | Arive Daily | Arive Daily | Arrive Daily | Arrive Daily | $\substack{\text { Arrive Daily } \\ \text { Ex. Sundy } \\ \text { and Holidays }}$ and |  | 10.2 |
|  |  | 118 | 119 | 117 |  |  |  |  |  | 122 | 121 | 122 | 121 | 122 | 121 | 122 | 121 | 122 | 121 |  | Run No. |
|  | 119 |  | 118 |  |  |  |  |  |  | 122 | 121 | 122 | 121 | 122 | 121 | 122 | 121 | 122 |  |  | Run No. |

See pages 2 to 15, for additional trains between Oakland Pier, Oakland (16th Street), California and Ellsworth Junctions and
PASSENGER STOPS. (See page 2)

Between Ellsworth Junction and Berryman yard, second-class trains may run ahead of first-class trains but must not delay them.


See pages 2 to 15, inclusive, for additional trains between Oakland Pier, Oakland (16th Street), California and Ellsworth Junction and Thousand Oaks.
On single track trains may run into Terminal, superior to themselves as opposing tralns originating at such stations.
Between Ellsworth Junction and Berryman yard, second-class trains may run ahead of first-class trains but must not delay them.
PASSENGER STOPS. (See page 2)
Trains and engines must approach cross-over Berryman, poles 3687-3688 with caution as trains may be occupying main tracks or
cross-over. Applites to pages 4 and 5 .
HOLIDAYS-New Year's, Washington's Birthday, Decoration Day, July 4th, Labor Day, Thanksgiving, Christmas.




See pages 2 to 15, Inclusive, for additional trains between Oakland Pier, Oakland (Sixteenth Street), California and Ellsworth
Junctions and Thousand Oaks.
On single track trains may run into Terminal, superior to themselves as opposing trains originating at such stations.
Between Ellsworth Junction and Thousand Oaks, second class trains may run ahead of first class trains but must not delay them.
Shattuck and Bancroft Way trains must stop on near side of crossing. This applies to tratns pages 6 to 9 inclusive. Includes all
trains of Shattuck, Elisworth lines and yard engines.

PASSENGER STOPS.-(See page 6.)
\#Daily Except Sunday and Holidays pick up California-Ninth St. crew Berryman, waiting five minutes if necessary


See pages 2 to 15 , inclusive, for additional trains between Oakland Pier, Oakland (Sisteenth Street), Ninth Street, California and
EIlsworth Junctlons and Thousand Oaaks. Ellsworth Junctions and Thousand Oaks.
Between Ellsworth Junction and Thousand Oaks second class triains may run ahead of first class trains but must not delay them. Shattuck Ave. trains may occupy main track at Thousand Oaks station without flag protection. City ordinance restricts speed of trains on Shattuck Ave. between Ward and University Ave. to 25 m. p. h. and to $8 \mathrm{~m} . \mathrm{p}$. h. crossirg
Addison St. Trains must not exceed 15 mph passing fre house at Vine and Shattuck Ave., applies to pages 8 and 9.
HOLIDAYS-New Year's, Washington's Birthday, Decoration Day, July 4th, Labor Day, Thanksgiving, Christmas.
Trains and engines must approach cross-over Berryman, poles 3687 - 6688 with caution as trains may be occupying main tracks or
cross-over. Applies to pages 6 to 9 inclusive.

Traffic Light signals Shattuck and University, Ave. are track circuit controlled for $S$. P. Co. trains. Trains will appraach signals
with caution not exceeding 15 m . p. . H . In absence of light, stop and proceed orer crossing with caution. When fire siren at this with caution not exceeding 15 m . p. h. In absence of light, stop and proceed over crossing with caution. When fres siren at this
location sounds, stop and wait until siren stops. In case signal is out of order, be preceded over crossing by flagman. Trains turning back winout crossing University Ave. should push the button on pole' 3590 until rear of car has passed the insulated
${ }^{*}$ No. 499 connect with Nos. 1296 and 1195 but not wait later than 1.10 A. M.



12 Eastward from San Francisco-Via California Street Line. Westward from Thousand Oaks Via Ninth Street. READ DOWN.



See pages 2 to 15 , inclusive, for additlonal trains between Oakland Pier, Oakland (16th Street), Ninth Street, California and EllsThousand Oak
On single track trains may run into Terminal, superior to themselves as opposing trains originating at such stations. Trains must approach Cross-over at Berryman Poles 3687-3688 with caution
Between Thousand Oaks and Berryman yard, second class trains may run ahead of first class trains but must not delay them.
Westward trains should pass Oakland 16th St. Station in following order.-Ninth Street, California, Ellsworth, 18th Strett, then Train movements between Thousand Oaks and Albany on single track, handled by Masonic Tower. Applies to pages 10 to 13 inc. \#Block Signals Ninth Street Junction to Heinz.

HOLIDAYS New Year's, Washington's Buthday, Decoration Day July th, Labor Das, Thatsgiving Christmas.
Trains of California and Ninth St. lines may occupy main track in front Thousand Oaks Station without flag protection. This regulation applies to trains on pages $10,11,12$ and 13
Trains crossing Key System tracks at San Pablo Ave., Albany, must stop before reaching crossing and not proceed until approaching street cars have stopped. Train or car stopping first has preference over crossing.


See pages 2 to 15 for additional trains between Oakland Pier and Oakland 16th St.
Ses pages 2 to 1 for additional trains between Oakland Pier and Oakland 1 trin St. , Eastward trains of Berkeley district will eave Oakiand Pier in following order: Ellsworth, 18 tht
Streets. On days Express trains operate, 1st section, 18th, then Shattuck Expresses leave first.

HoLidays-New Year's, Washington's Birthday, Decoration Day, July 4th, Labor Day, Thanksgiving, Christmas Se per 15 for stops ard instructions.

| FIRST Class |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1496 | 1494 | 1492 | 1490 | 1488 | 1486 | 1484 | 1482 | 1480 | 1478 | 1476 |
|  |  |  | Lr. Dails | Lv. Dilis | Lv. Daily | Lv. Daily | Lv. Daily | Lr. Daily | Lr. Daily | Lu. Daily | Lv. Daily |  | Lr. Daily |
|  |  |  | $\frac{\text { A.M. }}{12.20}$ | ${ }_{11.40}^{\text {P.M. }}$ | PR.M. | $\overline{\text { P.M. }}$ | $\begin{aligned} & \text { P.M.M. } \\ & 9.40 \end{aligned}$ | $\xrightarrow{\text { P.M. }}$ | $\frac{\text { P.M. }}{8.20}$ | $\begin{aligned} & \text { P.M.M. } \\ & 7.40 \end{aligned}$ | P.M.O | P.M. | ${ }_{\text {P.M. }}^{\text {P. }}$ |
|  |  |  | 12.40 | 11.59 | 11.20 | 10.40 | 10.00 | 9.20 | 8.40 | 8.00 | 7.20 | 7.00 | 8.40 |
|  |  |  | 12.44 | 12.04 | 11.24 | 10.44 | 10.04 | 9.24 | 8.44 | 8.04 | 7.24 | 7.04 | 6.44 |
|  |  |  | 12.56 | 12.16 | 11.38 | 10.58 | 10.16 | 9.36 | 8.58 | 8.18 | 7.38 | 7.16 | 6.56 |
|  |  |  | ${ }_{\text {A.M. }} 1.00$ | 12.20 | 11.40 | 11.00 | $10.20$ | $9.40$ | $\begin{aligned} & 9.00 \\ & \hline 9 . \mathbf{m}^{00} \end{aligned}$ | $\begin{aligned} & \text { P.M. } 20 \end{aligned}$ | 7.40 | 7.20 | 7.M. ${ }_{\text {7. }}$ |
|  |  |  | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Dails | Ar. Dally | Ar. Dails | Ar. Daily | Ar Daily |  | Ar. Daily |
|  |  |  | 145 | 144 | 145 | 144 | 145 | 144 | 145 | 144 | 145 | 144 | 143 |
|  |  |  | 145 | 144 | 145 | 144 | 145 | 144 | 145 | 143 | 145 | 143 | 144 |
|  |  |  | 145 | 144 | 145 | 144 | 145 |  | 145 | 144 | 145 |  | 144 |


| Time Table No. 9 Effective 4 a. m., Feb. 28, 1932 |
| :---: |
| stations |
| San franoisoo |
|  |
|  |
| 2ND AND webster |
| Run Monday to Friday |
| Saturday |


| FIRST GLass |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1477 | 1479 | 1481 | 1483 | 1485 | 1487 | 1489 | 1491 | 1493 | 1495 |  |
|  | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Daily | Ar. Daily |  |
| P.M. <br> 7.10 | ${ }^{\text {P.M. }}$ | P.M. 8.10 | $\stackrel{\text { P.M. }}{8.50}$ | $\stackrel{\text { P.M. }}{\substack{\text { P. } \\ \\ \hline}}$ | $\stackrel{\text { P.M. }}{\text { P. }}$ | ${ }_{\text {Pr P.M. }}$ | ${ }_{1}^{\text {P.M. }}$ | $\frac{12.10}{\text { A.M. }}$ | ${ }_{\text {a }}^{\text {A.M. }}$ |  |
| 6.48 | 7.08 | 7.48 | 8.28 | 9.08 | 9.48 | 10.28 | 11.08 | $\begin{array}{r} \text { P.M. } \\ 11.48 \\ \hline \end{array}$ | 12.28 |  |
| 6.44 | 7.04 | 7.44 | 8.24 | 9.04 | 9.44 | 10.24 | 11.04 | 11.44 | 12.24 |  |
| 6.32 | 6.52 | 7.32 | 8.12 | 8.52 | 9.32 | 10.12 | 10.52 | 11.32 | 12.12 |  |
| ${ }_{\text {P.M. }}^{6.2}{ }^{\text {a }}$ | ${ }_{\text {P.M. }}^{\text {P. }}$. 7 | ${ }_{\text {P.M. }}{ }_{\text {P. }}{ }^{\text {P }}$ | $8 \mathrm{P}, \mathrm{M} .7$ | $\begin{aligned} & 8.47 \\ & \text { p.m. } \end{aligned}$ | $\begin{aligned} & 9.27 \\ & \text { p.1. } \end{aligned}$ | $\underset{\substack{\text { p.j.j. } \\ 10.07}}{ }$ | $1 \begin{aligned} & 10.47 \\ & \text { p.м. } \end{aligned}$ | ${ }_{11.27}^{11.27}$ | $\underset{\text { A.M. }}{12.07}$ |  |
|  | Lr. Daily | Lv. Daily | Lv Daily | Lr. Daily | Lv. Daily | Lv. Daily | Daily | Iv. Paily | Lv. Dails |  |
| 144 | 145 | 144 | 145 | 144 | 145 | 144 | 145 | 144 | 145 |  |
| 143 | 145 | 143 | 145 | 144 | 145 | 144 | 145 | 144 | 145 |  |
|  | 145 | 144 | 145 | 144 | 145 | 144 | 145 | 144 | 145 |  |

SPECIAL INSTRUCTIONS APPLYING TO PAGES 14 AND 15

1. Trains will approach and pass through junctions of street car tracks at 20th and Webster and 14th and Webster with caution, not exceeding 6 MPH.
2. On single track trains may run into terminal superior to themselves as opposing trains originating at such stations.
3. Between 14th and 20th Streets on Webster, tracks will be used jointly by street cars and Southern Pacific trains
4. Trains of this line crossing street car lines on intersecting streets will stop before
reaching the crossing and will not proceed until street cars have stoped reaching the crossing and will not proceed until street cars have stopped. The train or car stopping first has preference over crossing. Southern Pac
preference through junctions at 14th and 20 th on Webster Street.
5. Facing point junction switches at 14th and 20th Streets are operated automatically by Facing point junction switches at 14th and 20th Streets are operated automatically by
trolley contacts and movement of trains through junctions is governed by light signal. treen light indicates straight route and yellow diverging route. When forward pantagraph reaches trolley contact on diverging route, switch point is unlocked and in condition to be thrown by following car when latter reaches the tinitial trolley ontact. If more point under any cars beyond the second and will see that no following street car reaches trolley contact before last wheel of last car has cleared switch point. Under any conditions a distance of 150 feet will be maintained by trains or cars following each fails, operate switch manually (a) use unlocking lever, (b) throw point, (c) lock by lever. Trailing switches, eastward at 20th and Webster, westward at 14th and Webster, and west end crossover 12th St. have loose point and may be split. When moving against current of traffic, thr

- When necessary to operate on street level at 16th Street Station, account curvature too sharp, do not go around balloon track beyond station.

7. Franchise between Oakland 16th Street and 14th and Webster requires that no more than two cars be coupled and only one of these be power car. Leading end of train
must be equipped with fenders lowered. Rear fenders to be raised.

- 2 S

Rule 99 except in foggy weather. Within these limits train will operate with couly with
9. Trolley wire between 20th and 13th on Webster is 19 feet above rail. While on roof of car avoid contact with this wire.
10. 18th St. trains having pantagraphs held up by air pressure, will leave compressor running when equipment is tied up at 2nd \& Webster
11. Enginemen and trainmen on electric trains, also yard crews operating on Eighteenth St. Line may accept hand signals from Sixteenth Street tower window to move against fixed signals.
12. On all trips having one car, whenever possible, have the front and rear gates opened
on eastward and westward trips at 14 th $\&$ Webster.
13. Account sharp curvature, cutting levers must not be hung up on hooks on 18th St. equipment.

EASTWARD

## PASSENGER STOPS

**18th and Wood Street (on signal) J5.6 $* * 18$ th and Peralta (on si 18th and Filbert (on signal) J 6.4 18th and Market $\mathbf{J} 6.5$ 20th and Grove (pole 1507) J6.9 20th and Telegraph 57.1 20th and Broadway 37.2 ${ }^{*}$ *14th and Webster J 7.4 12th and Webster *8th and Webster J .4
**18th and Wood Street (on signal)
${ }^{* *} * 18$ th and Peralta
18th and Filbert (on signal)
18th and Market
**West Street (on signal) Ja 6.8
San Pablo
Grove Street $\mathrm{JA}_{1} 7$
Telegraph Ja 7.2
$\underset{* * 19 t h \text { and Webster }}{\quad \text { Broadway Ji }}$
${ }^{*}$ *14th and Webster
12th and Webster
*8th and Webster
Note.-On westward trips, passengers may be entrained at 13 th \& Webster
*Make safety stop before crossing street if no proceed traffic fixed signal is displayed, or if no officer on duty giving proceed signal.
$* *$ Passenger stop on near side of crossing. If no stop approach and move over crossing with caution
${ }^{* * * \text { Daily except Saturday and Sunday, } 1470 \text { will not stop at Wood St. to entrain }}$
$\dagger$ Will not stop for passengers.






On single track traing may run into Terminal superior to themselves as opposing trains originating at such stations.
See pages 16 to 19 for additional trains between Oakland Pier, Fruitvale and Meirose.

## STATION STOPS

203-All stations between Pacific Jct. and Fruitvale.
$05-$ Fruitvale, 23 rd Ave., 19th Ave., East Oakland, Broadway FAdeline, Pine 207-209-211-Fruitvale, 23rd Ave., 19 th Ave., Broadway.
207-Stop on sigoal any station west of Broadway to detrain passengers from
Alameda.
214-218-Broadway, East Oakland, 19th Ave., 23rd Ave., Fruitvale
207-218-Fernside Power-house (on sig
Trains must not stop to block Broadway, or Twenty-third Ave.
205-207-209 and 211 must note if Calif-Ninth St. trains are about to enter Pier, and give Westward trains must stop before reaching east sidewalk line 23rd Ave. Westwar trains not making passenger stop, will make safety stop 75 feet east of east side Speed must not


[^0]

 ward Seventh Street Line will return from the west
whistle sismal tour long and one short is sounded.

 avoid interference with Ferry Boats.
RULE 19 . Exeept in foggy weather, markers will not be used on electric trains
RULE 33. When crossing flagmen find it neeessary to leave their post of duty for




 only proceed when autherized by proper official.
Regter. (a). Only trains terminating at Oakland Pier and Alameda Pier will
RULE 83 (d) and RULE 83 (e) will not apply on Electric Lines.
RULE $\mathrm{S}-88$. Will not apply on Electric Lines.
RULE S91. Outside of block signal limits, trains in the same d.
less than 1200 feet apart, exeept when colosing up at stations.
Less than 1200 fete apart, except when cosing up at
RULE 93. All Electric Lines are within Yard Limits.
RULE D-97 (a). On doube track, trains may run extra, or work extra, moving
with the eurrent of traffic without running orders, or a clearance card before com-
mencenent of trip mencement of trip.
Rencenen of trip. Rairoad crossings not interlockedi: (a) Parker Street on Ninth Street before orossing Ninth St. Line. . . St Street, Berkeley. Trains and yard engines using

 $\underset{\substack{\text { ith } \\ \text { rain. } \\ \text { rat }}}{ }$
(a) Shat tuck Ave. Line-Between University Ave. and Bancroft Way.
(b) Shat tuck Ave. Line-Oakkand Sixteenth St. mail rrains only. Seventh St. Line- Between Wassington and mand Broadways.
 Street.
RULE 99 (a). Will not apply on Electric Lines.
RULE 103. Trains or cars moving into or out of loading platitorm at Oakland Pier
or Aliameda Pier must have en employe on the forward end in the direction moving
until movement is completed
RULE 10.4 THE NORMAL POSTITION OF SWITCHES AT THE END OF
DOUBLE TRACK AND AT JUNCTIONS WIL BE AS FOLLOWS:


 Lose point
Tron
Trolley sele esection
Trolley selectio
oil buffer spring switches are located at the

## Location



Cormal Position
$\substack{\text { Crossover movement } \\ \text { Westurd } \\ \text { Westward movemenent }}$
mover

 These ssitches should only be split by electric equipment and only when lined in

CROSSOVERS AND SWITCHES EQUIPPED WITH SPRINGS (a) West end of cotion crossover Pole 3590, Addison St., Berkeley, Nor (b) Junction switch, westward track Thousand Oaks,


 (f) West end of crossover, Broadmoor, Seventh St. Line . ... Crossover movement
(g) East end of crossover, Oak St., Alameda, Lincoln Ave. Line.Main track
(h) East end of

RULE 107. When a train is at a station, trains on the other track must not enter the station until the first train starts to move
first named train and the approaching train.
RULE 509. When a block signal in advance of facing point oil buffer spring switch
indicates stop, careful examination of switch must be made before passing over it. RULE 511. When one switch of a crossover is equipped with spring, the rigid
switch must be left lined for crossover movement until movement is completed.
atr brake rule 17.
Engineman and trainmen must make the following test before leaving initial
station on each trip, when make-up of train is changed, when brake pipe has been
separated when engineman changes cabs, unless they are witnesses to such properly separated when engineman changes cabs, uniess chey are winesses to such properly
conducted tests, within five minutes of train departure. (a) Standing Test.-After make-up of train is completed and train charged to
standard pressure, trainmen will, from rear end of rear car, signal engineman to apply

 position will signal engineman to release brakes (Rule 16-E, Rules and Regulations
Transportation Department), noting brake action by cylinder gauge returning to zero, (b) observation of brakes releasing. Test. Immer liately atering initial station (and speed not ex(b) Rumning Test.-Immediately after leaving initial station (and speed not ex-
ceeding ten miles per hour) at any point where make-up of train has been changed,
where brake pipe mav have been broken, where engineman changes cabs, where station where brake pipe may have been broken, where engineman changes cabs, where station
stop or running test has not been made with brakes in good working condition within stop or running test has not been made winbrake, descending grades where specified,
one milie of rair rod crosing at grade,
enginememen maidst make running test by making service application of brakes. Trainenginemen must make runging test by making service application of brakes. Train-
men to observe such test from rear end of rear cara and acknowledge by one blast of
communicating whistle. Less than twenty pounds a ar pressure in brake cylinder guage
 must he known to be be in good working condition even though stop may be necessary. must be known to be in yood working condition even though stop may be necessary.
(c) Running tests will be made approching Oakland Pier and Alamed Pier as
follows: Trains from Oakland and Berkeley via 16th St. Station to make test after
 (d) Trains leaving. Thousand Oaks on California and Ninth Street lines will make
running test only. Trains scheduled to "lay-over" at South High St., make rumning test leaving High St.
(f) Whnning tests are not to be made while working power.
(f) When making tests of of ir brakes in handling freieht acars in residential districts as required by Rule 17 of Air Brake Rules, where whistle signals are specified, substi-
tute hand signals as given in Rule $12\left(\begin{array}{l}\text { ( }) \text { and } 12(\mathrm{~g}) \\ \text { Such of Transportation Book of Rules. }\end{array}\right.$ Succ signal will be eiven by yardman nearest engine on instruction from engineman.
(g) Yard engines and work trains operating on Electric main tracks must have automatic air brakes coupled and operative Air must be used where cuts of cars are
USE OF MAIN TRACKS
Main tracks between Oakland Pier and Westerly end of the elevated tracks ap-
prochlng 6 th St. Station, and between Oakland Pier and Bay Street (West Oakland), proaching 16 th St. Station, and between Oakland Pier and Bay Street (West Oakland),
numbering from north are designated $1,2,3,4,5,6,7,8,9$ and 10 and $u$ used as follows: No. 3-Westward electric trains, via Oakland (Sixteenth Street).
No. 4-Eastward electric trains, via Oakland (Sixteenth Street).
No. 5 - Westward electric trains of Seventh Street line.
No. 6 -Eastward electric trains of Seventh Street line.
Main tracks betwen Oakland (Sixteenth Street) and Shell Mound Tower, numbering
No. 5 -Westward electric trains, via Oakland (Sixteenth Street).
No. 5 - Westward electric trains, via Oakland (Sixteenth Street).
No. 6 Eastward electric trains, via Oakland (Sixteenth Street).
Main tracks between East Oakland and Sather numbering from north are desig-
nated $1,2,3$ and 4 .
No. 1-Westward electric trains Seventh Street line.
No. 2-Eastward electric trains Seventh Street line.

Main tracks between Alameda Pier and West Alameda, numbering from the north,
are designated as $1,2,2$ and 4 , and used as follows: No. 1 -Westward trains Trolley deenergized between bridges 6 and 8 and 60 feet No. 2-Eastward trains Trolley deenergized between bridges 6 and 8 and 60 feet
east of bridge 37 . No. 3-Westward trains via Pacific and Encinal Avenue.
No. 3-Westward trains via Pacific and Encinal Avenue.
No. 4-Eastward trains Pacific and Encinal Avenues.
Employes must guard against coming in contact with overhead wires or their con-
nections, or when riding on side or top of cars against striking automatic or interlocking signals attached to center trolley poles.
On lines of light travel, except Seventh Street line west of Havenscourt in nonpeak periods, trainh and envelinemenep wisll treatat all statations as fest of tay tovensensourt in non- Trainmen must
amnounce stations in ample time to avoid carrying passengers by. Trainmen and enginemen must familiarize themselves with location of crossovers
the use of which may be required in emergency. the use of which may be required in emergency. $\begin{aligned} & \text { In case of power interuption signal operator may display "S", sign in which case } \\ & \text { trains must not exceed series position of ocontroller. When signs are removed, normal }\end{aligned}$ trains must not exceed series position of controller. When signs are removed, norma
speed may be resumed.
When el When electric trains are switching at outside terminals or starting mormings, or
tying up nights enginemen must operate electric equipment from the front end of the tying up nights engmemen oving.
leading car in idrection moter ind
Trains must stop clear of street intersections to allow safe and uninterrupted passage or a me stopped.
traing muice
Emyinemen must watch for and respect signals of traffic officers and traffic signals. Enginemen must watch for and respect signals of traffic officers and traffic signals.
Trainmen will note if all motor cars in service are operating, and notify engineman in case of failure. ulessinstructions on schedule epage indicate otherwise.
Headlights of motors standing at end of wharf at Oakland Pier and Alameda Pier
und must be dimmed when steamer is entering slip. Headlights of eastward trains mus
be out while standing at Oakland Pier and dimmed when ready to leave be out while standing at Oakland Pier and dimmed when ready to leave.
Except in emergency or foggy weather, torpedoes must not be used on improved public streets.
When necessary to lower pantagraphs to coast under line breaks, etc., the follow-
ing procedure should be followed: ing procedure should be followed:
When stoppd, all pantagraphs should be promptly tested to ascertain if in proper
working order. with control. If lowering valve is located, at other than in cab from which engineer is
operating, a trainman must be stationed at valve and when signalled by operating, , triainan must be stationed at valve and when signalled by one long blast
of the alarm whistle, lowering valve must be held down until train has again been
brought to a stop and engineer sounds two long blasts of alarm whistle. On trains of our or more cars, in anddition to the pantagraph on ocar with control,
ond aditional pantagraph preferably on opposite end of train, should be put up after one additional pantagraph, preferably on opposite end of train, should be put up after
being tetested and operated by a member of the rain crew as above.
Do not depend on the electric lowering switch to operate pantagraph except in mergency. In raising pantagraphs, care must be taken to see that they are not directly under trolley cross-arms and they must not be raised until train has stopped.
Fush button located on side of relay case on east side of Twelfth Street Melrose
 Trains entering terminals must move with caution, as tracks may be occupied.
Responsibility for accidents rests with train entering terminal. All switching move-
ments sat any point must be made with caution.
 St. Line between 20t. and 12th Sts. on Webster St., at all times, and in residential
district during night hours, the use of crossing warning whistle signals should be
avoided as much as possible consistent with safe operation. Conductors, when posssible should notify Piers by telepphone of any serious accident
or delay. In case of serious delay trains may return to Pier from point short of outside or delay. In case of serious delay trains may return to pier irom point short of outside
terminal in neessary to do os to protect return chedul.
When train is approaching on opposite track on publie street, speed of train must When train is approaching on opposite track on public street, speed.
be redued and gongs must be sounded until rear car of train is passed.
be reduced and gongs must trains have preference to stations except that eastwarsd. Express trains,
or eastward trains
preference to station. $e$. When moving against current of traffic, move with caution.
Enginemen ust not permit any one to ride in cab of electric train without per-
mission of Superintendent. An ordinanee permits only one train to occupy track between a point 100 feet
east of Broadway and 100 feet west tof Washington on Seventh Stt . Line at the ame
time If necessary for two trains to occupy this territory, only one train should be be east of Broadway and 10 feet west of washington on Seventh st. Line at the same
time. If necessary for two trains to occupy this territory, only one train should be
moving. To reduce automobile accidents to a minimum special care should be used at
crossings known to be obscured or hazardous. Where vehicles are moving on public streets in the same direction as or our rtain and. are note clear ore the track on which you
are operating, speed of your train should be so controled as to permit train to be are operating, speed of your train should be so controlled as to permit train to be
stopped an inse the driver makes a sudden, or unexpected stop or turn. When about
to pass vehicles moving in the same direction as your train, satisfy yourself that the stopped in case the driver makes a sudden, or unexpected stop or turn. When about
to pass vehicles moving in the same direction as your train, satisfy yourself that the
driver is aware of the approach of your train.

Trains will approach Pacific Junction with caution, watching for vehicles. West-
ward Lincoln Ave. trains stopped for interlocking signal stop clear of crossing. Encinal ward Lincoln Ave. trains stopped for interlocking sig
Ave. trains will approach 4th Street with caution. When anyone suffers from an electrical shock, the Prone method of resuscitation
should be started at once as any delay in starting this treatment may prove fatal. Get his mouth open, remove false teeth, or anything in the mouth, pull the tovgue eut, support the head on one of his a rms. turn face down, and start artificial respiration,
using about 12 or 15 movements per minute. Send for a doctor at once, but keep up using about 12 or 15 movements
treatment for hours if necessary.
Push button located near elevator 16th Street, Oakland, to call baggageman when
necessary
On all one-car trains, enginemen's cab at rear of train must be folded and
opened on westward trips until train passes 16 th Street or Alamed opened on westward trips until train passes 16th Street or Alameda Airport.
Electric work trains operated by (1) motor car will be governed by the following Electric work trains operated by (1) motor car will be gover
rating in Ms. In no case must this be exceeded over 5 per cent:

1-(a) Between Oakland Pier and Shellmound or Shellmound and
(b) Albany excluding 16th Street elevation. Sith St. Line-Oakland Pier to Dutton Ave. and all lines $\} 600 \mathrm{Ms}$
-(a) Between Shellmound and University Campus Ellsworth St
(b) Between Lincoln Junction Alameda and Fruitvale, including
Line
(c) eatand west wye at Fruit vale. Shellmound and University Ave., Berkeley, Shat-
(t) tuck Ave. Line.
(d) Between Shellmound and Hopkins St., California Street Line.

3- (a) Between Albany and Thousand Oaks, Ninth St. Line.
(b) Between Hopkins St. and Thousañ Oaks, California St. Line.

(d) Between 18th and Wood Streets and 19th and Webster on the
$18 t h$ St. Line.
*In no case must over one loaded car or a total of one hundred and sixty Ms. be

When handling loaded cars, controller sixty Ms. must me moved be used. beyond the series posi-
Whor
 at a time so that the grids will not be damaged.

WHEN PLOWING BALLAST USE TWO (2) MOTORS.
Gross weight of cars are somewhat different, depends on commodity there
As a general average see below:


Box cars and flats loaded with steel. ................................ 165,000"
When required by schedule or other cause, trains may be consolidated. At such
. points trainmen will give whatever assistane is required to facilitate the movement
of trians. Engineman of the leading train will hande train. Conductor of the leading
train wil train will have charge of train and be responsible for collection of transportation in his
cars. Conductor of rear train will be responsible for the collection of transportation in his cars. Care must be taken to obsserve that parssengers are not non platforms or
getting on or off while trains are being coupled or uncoupled. Consolidated trains getting on or of while trains are being co
must make stops scheduled for both trains
Before cars are coupled, rear train will make safe
from car to be coupled to and use care making coupling.
Inspectors and others will not go between the cars without first having an understanding with the party handling controller. They must advise this same party
promptly when they are through. After sunset or when weather conditions make it promptly when they are through. After sunset or when weather conditions make it
desirable, a white lantern must be set on the ground opposite the point where em-
隹 desirable, a white lantern must be set on the ground opposite the point where em-
ploye is between cars. LLantern must be set so as to be plainy visishe to party
handling eontroller. When equipment is to be picked up or set out and there is a handing controller. When equipment is to be picked up or set out and there is a
trainman in charge of suel movement, ingeetors and carmen will not except in
emergency, pass signals. Those passing signals must assure themselves there is no emergency, pass si
one between cars.

At the following places vehicles parked at curb will not clear passing trains:
tanford Ave. from Shellmound tower in both directions.
Stanf ord Ave. from Shellmound tower in both directions.
Central Ave., Alamedar between Fourth St and Pacific Junction on westward track. Wentral of Pacific JJunction on eastward track.
Encinal Ave. east of South High Street on eastward track.
Controller must never be locked while train is in motion. When an emergency
is made by use of the pilot valve, brake valve handle should immediately be be plop is made by unency position and remain ther
palve allow 8 seconds before making release.

LOCATIONS OF OVERHEAD AND SIDE STRUCTURES
NOT STANDARD CLEARANCE
Employes are warned that it is dangerous to stand erect on top of cars, or to ride on side of cars while passing these points, and they must protect themselves from Bullet isted below.

## Shattuck Avenue Line:

F. M. Unphred Warehouse between Park and Shellmound

Crossing watchman's tower San Pablo Avenue
Northbrae Tumnel.
Oakland Paving Spur
Overhead and Side
California Street Line: Bridge Rose Street
Serenth Street Line:
California Pottery Spur between 22nd and 23rd, spur and main traek
Uuiversal Carloading Comp
Clorox Chemical fence and building
Barrel Syrup building.
Pacific Spring Company building
Chevrolet Spurs, platforms and cars
U. S. Light and Heat, fence

Overhead....Side
lameda-Fruitvale Line: Estuary Bridge.
overhead and Side
Oakland Pler: Posts supporting shed.
Overhead and Side
Alameda Pier: Umbrella sheds
Eighteenth Street Line:
Herrick Iron Works, pole and fence
Sherman Bros, warehouse fence
Sherman Bros., warehouse, fence........
Mazda Lamp Spur, fence and building

## Lincoln Avenue:

Rhoades-Jamieson, poles.
Powell Brothers, platform
Boyle Mig. Co., platform........
Clark Pottery, platform and tree
Pacific Coast Borax building.
est Alameda car shops, doors on tracks entering building
Steam engines are permitted to operate over electric lines as sho.... Side Movements outside of these limits must not be made with steam engines.

Encinal Ave. Line: Both tracks South High to Alameda Pier.
Lincoln Ave. Line: Both tracks Fruitvale Bridge to Mastick Junction, to Tynan to Alameda Pier. Westward track 5th and Lincoln to Pacific Junction. Eastward track Pacific Junction to crossover Pole 780
Eighteenth St. Line: Both tracks Wood Street to Peralta.
Eastward track Peralta to Poplar.
Seventh St. Line: 103rd Ave. Junction Switch to 68th Ave. Havenscourt Fallon Street to Melrose.

Shattuck Ave. Line: Both tracks Oakland Pier to University Ave. Eastward track, University Ave. to Vine Street

| Disc and Dome Signals | Blasts Alarm Whistle |
| :---: | :---: |
| Ellsworth line .................Red and Yellow | -- 00 |
| Shattuck line ${ }_{\text {Berkeley }}$ Mail Train...............ed and Red.... | $0{ }^{\circ}$ |
| California Street |  |
|  | - |
| Oakland, 18th St. line......... Green and Green |  |
| Dutton Ave....................Green and Green |  |
| Oakland-Alameda-Melrose . . . . . . Red and Green. |  |
| Berkeley Express. . . . . . . . . . . Yellow and Yellow |  |
| Melrose-Dutton Express. . . . . . . Yellow and Yellow. |  |
| via Alameda Pier............Yellow and Yellow. | -0.0 |


| Alameda Lines. | Disc and Dome Signals. | Blasts Alarm Whistle. |
| :---: | :---: | :---: |
| Lincoln Avenue Loop | Green and White . <br> Red and White | $\square_{0}^{0}=0_{0}^{0}$ |

Trainmen and enginemen must see that the proper dise and dome signals are displayed and alarm whistle sounded for information of Towermen when necessary. Eastward trains via Lincoln Avenue will display on front end Encinal Avenue color disss reading
lights to correspond
Eastward trains via Encinal Avenue will display on front end Lincoln Avenue Traffic light signals 7th and Harrison Streets, Oakland, governing movements on Seventh St. will be operated by track circuit approach. Eastward circuit starts at Webster St., westward at Alice St. Westward interloeking signal equipped with approach lighting. Trains will not exceed ten (10) miles per hour crosson ing Webster St. and will approach and pass over Harrison St. with caution not exceeding ten ( 10 ) miles per hour. Enginemen keep a careful watch for vehicular and pedestrian traffic. Eastward trains may increase speed after head end of train passes Harrison St. and proceed over crossing with caution
Westward trains and engines including switching movements must not exceed eight (8) miles per hour between Pole 2674 and 12 th St. crossing Melrose to provide proper time interval for operation of wig-wag signals. Westward trains five cars or
less making Melrose station stop, stop with west end of train uust east of Pole less making Melrose station stop, stop with west end of train just east of Pole 2674 .
Eastward trains of four cars or less making safety or station stop at Melrose stop at marker located between Poles 2676 and 2675 , and not exceed eight (8) miles per hour from the stop until head end of train is acrosss 14 th St. Eastward trains of five or more cars will make station or safety stop at Pole 2677 near 14 th St., and move with caution ward movement over this crossing to be made with caution not exceeding eight (8) miles per hour.
Eastward Seventh St. trains with four or less cars scheduled to stop at Sather
will stop with head end of train west of will stop with head end of train west of Pole 2627. Those not scheduled to stop, use
not less than twenty (20) seconds between Pole 2627 and High St Care should be used while operating electric equipment during hot weather to observe the condition of trolley wires, especially in the vicinity of curves and crossovers. When there is any unusual amount of slack in the trolley wire, speed of train should be fuced to a poidion shid be promptly reported damaged. Any unsafe condition should be promptly reported.
ard movements from Tynan. Semaphore type indicator near this signal is for information of yardmen and will indicate trains approaching from the west as far as pole 796, a nd from the east pole 716. Both derailer
before starting a movement from Tynan route.
To prevent obstructing view of auto drivers of approaching trains, cars must not be left within 300 feet of eastward Encinal Ave. track at Pacific Ave., Pacific Jet.

SPEED RESTRICTIONS
The speed of all trains and enginss is restricted to fiftean (15) miles per hour be giming at a point not less than sixty (60) feet from the nearest rail of the following street railway crossings to and until the head end of train shall have reached and
passed over the crossing. passed over the crossin


## INTERLOCKING

Movements governed by short-arm or dwarf signals must be made with caution and position of switches observed, as such signals govern movements for various routes. On double track within the limits of Oakland yard signal operator may arrange to move trains from one tower to another against the current of traffic, after having an understandic by telephoner of traffic signal operator must know that track to be used is clear of opposing engines and trains.
At all interlocking plants, when route lined up is not to be used, following signal will be sounded by engineers: Two short, one long, two short.

When trains are operated against current of traffic, trains must not cross ove etween towers and use the track with the current of traffic without authority of ignal operato
Electric
Fruitvale Sign or any other information that will asssist in prompt movement of trains.

## Oakland Pier Tower.

(a) Limits extend eastward to signal bridge 102 on tracks 3 and 4 ; and to signs bridge 105 on tracks 5 and 6 , and to signal bridge 100 , on tracks 7,8 and 9
(b) When siren whistle on Oakland Pier tower is sounded all engines and train moving within district controlled by this tower must stop and await proper signal.

## Sixteenth Street Tower-Oakland.

(a) Limits extend from trolley poles 3249 and 3250 to signal bridge 201 on Shattuck venue line, and high arm dwarf signal between trolley poles 1642 and 1644 on Eiglteenth Street line.
(b) Enginemen and trainmen on electric trains and yard engines on electric tracks may accept hand signal from tower window to move against fixed signals.

Shellmound Tower.
Limits extend from signal bridge 204 to trolley pole 3387 on Shattuck Avenue lin nd high two-arm home and distant signal at Powell Street 625 feet east of junction witch on Ninth Street line.

West Oakland Tower-First and Cedar Streets, Oakian.
Limits extend from high one-arm home signal 10 feet west of trolley pole 2141 to trolley pole 2169 .
Fruitvale Tower-Fruitvale.
Limits extend from signal bridge 123 to signal bridge 127 on Melrose line and to signal bridge 124 on Alameda line.
Golden Gate Tower-Stanford Avenue Crossing of A.T. \& S. F., Key System Railways
and Shattuck Avenue line.
(a) Limits extend from trolley pole 3408 to 3459 on Shattuck line and to trolley pole 4607 on California line.
(b) Westward California Street trains have preference over Westward Ellsworth and Shattuck line trains.
Woolsey Tower--Berkeley. Junction Ellsworth and Shattuck Avenue lines and Crossing
Key System Rail way.
Key System Rail way.
(a) Limits extend fro
pole 5119 on Ellsworth line.
(b) Westward Ellsworth trains have preference over Shattuck Avenue trains; equal rights with Key System trains.
(c) Signal operator will register the time trains 603, 605 and 607 pass the tower so this information may be ascertained from them by train crew.

Masonic Avenue Tower-Albany. Crossing of Ninth Street and Santa Fe lines.
Limits extend from trolley pole 4284, Albany, to pole 1900 at Thousand Oaks.
Magneto telephones are located on pole 4285, Albany, Masonic Tower and at end of double track Thousand Oaks and are to be used to confer with signal operator in cases signals are inoperative. Telephone instructions to move against an inoperative fixed signal will apply to the first block only.

Rose Street Tower-Berkeley. Crossing of Key System Ry. and California Street line, between Rose and Hopkins Street
Limits extend from trolley pole 4846 to 4864
Poplar Street Tower-Oakland. Corner Eighteenth and Poplar Streets, Crossing S. P. Railway and Key System Railway.
Limits extend from trolley pole 1609 to trolley pole 159
Clinton Tower-Oakland. Crossing of Western Pacific and Seventh Street line near linton Statio
drom one-arm signal between trolley pole 2431 and 2433 to signal bridge 119.

Melrose Tower-Melrose. Crossing of Western Pacific and Seventh Street line. Limits extend between light signals located near trolley poles 2648 and 2664

Alameda Pier Tower-Alameda Pier.
Limits extend eastward to signal bridge 10 .
Third and Webster Tower-Oakland. Crossing S. P. and W. P., Third and Webster Streets.
Limits extend from trolley pole 1246 to high-arm signal between trolley pole 1233 and 1231

Blanding Tower-Alameda. South Fruitvale Bridge and Blanding Avenue.
Limits extend from signal bridge 125 to trolley pole 629 on Fruitvale route and from trolley pole 629 to 623 on Alameda Loop.
Crews desiring to use Standard Oil Co. spur must confer with signal operator who will release electric locks on switch and derailer. Must avoid delaying electric trains in using these facilities.
Seventh and Webster Tower-Oakland.
Limits extend on Seventh Street from high-arm dwarf signal between trolley poles 2354 and 2356 to trolley pole 2369 . On Webster Street from trolley pole 1268 to trolley pole 1255.

Pacific Junction Tower-Alameda
Limits extend from light signal on trolley pole 340 to trolley pole 786 on Iincoln Avenue line and trolley pole 356 on Encinal Avenue line.



[^0]:    See pages 20 and 22 for additional trains.
    Direction changes at Lincoln Junction. Encinal Ave. trains will leave Alameda Pler ahead of Lincoln Ave. trains, except-(Daily ex. Sat. and Sun.) 168 will leave first.
    On single
    Trains and engines must approach crossover South High Street poles $5377-539$ with caution, as trains may be occupying main track or crossover. Applies pages $21-22$.

