

Decision 02-12-041 December 17, 2002

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of the City of Roseville for Authority to Install and Maintain Stationary Horn Warning Systems at Two Public Crossings over Union Pacific Railroad Company's main line, Yosemite Street and Tahoe Street, City of Roseville, as a pilot project as permitted by SB 1491 for the Purpose of testing the utility an safety of stationary automated warning devices.

Application 00-09-063
(Filed September 20, 2000)

O P I N I O N

Summary

The City of Roseville (City) requests authority for a pilot program to install and maintain Stationary Horn Warning Systems at Yosemite Street, California Public Utilities Commission (CPUC) Crossing No. 001A-106.9, and Tiger Way, CPUC Crossing No. 001A-107.20, across the tracks of the Union Pacific Railroad (UPRR) in the City of Roseville, Placer County.

Discussion

Public Utilities Code Section 7604 requires locomotive engineers to sound the train horn at a distance of at least 1,320 feet from the at-grade highway-rail crossing (crossing) and continue sounding the horn until the locomotive has crossed the street, road or highway. Previously, existing law imposed a civil fine on a railroad corporation that violated this provision and made it a misdemeanor for a person in charge of a locomotive engine to fail to sound this warning. This requirement was confirmed by California Attorney General's Opinion Number

86-504 of August 19, 1986, which states that a city may not adopt an ordinance prohibiting the sounding of train whistles within the city limits.

Senate Bill (SB) 1491 recognized the growing need to mitigate train horn noise without compromising the safety of the public. SB 1491, followed by Assembly Bill 1249 and SB 62, effective October 9, 2001, amended Public Utilities Code Section 1202 by adding the requirements for the CPUC to authorize pilot projects on an application by application basis to test the utility and safety of the stationary automated audible warning devices as an alternative to requiring trains to sound their horn as they approach crossings. Additionally SB 1491, and subsequently SB 62, amended Public Utilities Code Section 7604, eliminating the requirement that the warning device on the locomotive engine be sounded when approaching a crossing which has a permanently installed audible warning device that automatically sounds as the locomotive engine approaches the crossing. However, it still allows for the locomotive engineer to sound the locomotive mounted horn at the crossing if necessary.

At the federal level, the Swift Rail Development Act of November 2, 1994 added Section 20153 to Title 49 and directs the Secretary of Transportation, delegated to the Federal Railroad Administrator, to prescribe regulations requiring that a locomotive horn be sounded while each train is approaching and entering upon each public crossing. In addition, 49 U. S. C. 20153 provides the Federal Railroad Administration (FRA) the authority to exempt from this requirement, categories of rail operations or categories of crossings that: 1) are determined not to present significant risk with respect to loss of life or serious personal injury; 2) for which the use of a locomotive horn is impractical; or 3) for which supplementary safety measures fully compensate for the absence of the warning provided by the locomotive horn.

On January 13, 2000, the FRA published the Notice of Proposed Rulemaking and the Draft Environmental Impact Statement on the Use of Locomotive Horns at Highway-Rail Grade Crossings. The proposed rule would implement a statutory requirement that locomotive horns sound at each highway-rail grade crossing unless certain exceptions are met. Based on the study by the Volpe National Transportation System Center of the U. S. DOT, *Field Evaluation of a Wayside Horn at a Highway Grade Crossing*, June 1998, the FRA continues to identify opportunities for developing data analysis to ensure confidence that the wayside horn fully compensates for the absence of the train horn at any individual crossing. In accordance with the proposed rule, the FRA will be an active participant in the design, monitoring and evaluation of this pilot project.

The City filed its application on September 20, 2000. The City requests authority to install Stationary Horn Warning Systems at Yosemite Street, CPUC Crossing No. 001A-106.9, and Tiger Way, CPUC Crossing No. 001A-107.20, across the tracks of the UPRR in the City of Roseville in Placer County.

The warning devices at the Yosemite Street and Tiger Way crossings were installed in 1999. Both crossings are equipped with two CPUC Standard No. 9-A (a Standard No. 9 with additional flashing lights on cantilevered mast arm), and are wired with constant-time-warning circuitry. Both streets have raised medians, concrete panel surfacing, and sidewalks on both sides of the roadway. Three tracks run perpendicular to the street. Yosemite Street and Tiger Way are within 50 feet of Atlantic Street, which runs parallel to the railroad tracks. Both intersections; Yosemite and Atlantic Street, and Tiger Way and Atlantic Street; are signalized and interconnected with the railroad crossing warning system such that vehicular movements at the intersection are preempted by train

movements through the crossing. The existing crossing warning devices will not require any modifications.

The automated horn system (AHS) will be placed on a separate pole from the other devices and signals, as shown in Appendix A. At the Yosemite Street crossing, the horns will be directed toward southbound traffic on Yosemite Street and vehicular traffic on Atlantic Street. At the Tiger Way crossing, the horns will be directed toward southbound traffic on Tiger Way, vehicular traffic on Atlantic Street and northbound traffic on Center Street. An automatic horn indicator, an orange colored 18-inch high “X” indication using LED lights, will be installed at each crossing directed down the tracks in both directions, and on both sides, and remain activated at all times to indicate the proper functioning of the AHS for the locomotive engineers. If ever the AHS malfunctions the automatic horn indicator will go dark.

UPRR will instruct all locomotive engineers operating on this track as to the operation of the AHS and revise its operating rules accordingly. UPRR will also instruct locomotive engineers to cease sounding the train mounted horn on approach to the crossings if the AHS is functioning properly as indicated by the automatic horn indicator; unless at their discretion, the locomotive engineers believe it is necessary to sound the train mounted horn to provide additional warning. If under various weather or lighting conditions, the locomotive engineer cannot see the automatic horn indicator, the locomotive engineer will sound the train mounted horn. UPRR will also install and maintain a sign, also referred to as a whistle board, down the track from the crossings to remind locomotive engineers of the automated horn indicator and to ensure that locomotive engineers have adequate time to decide to sound the train mounted horn, if necessary.

The City shall bear the full cost of installation and maintenance of the AHS during the pilot project. Prior to the start of the operation of the AHS, the City shall inform the local community via information media as to the operation of the AHS. The City shall monitor the effectiveness of the AHS by use of video technology, event recorders, and resident and locomotive engineer surveys, as described in the Monitoring Program in Appendix B. The City will report, on a quarterly basis, the results of the monitoring program to UPRR, FRA, and the CPUC Consumer Protection and Safety Division (CPSD). The City shall prepare a report of preliminary assessments and recommendations, and deliver it to CPSD no later than January 31, 2004, in order for the CPUC to fulfill its obligation to report back to the Legislature in March of 2004. At the end of the pilot project, the City will prepare and deliver to CPSD a final report making recommendations as to the future use of the AHS.

The City and UPRR have entered into an agreement as to the cost, maintenance, and any liability as a result of the installation of the AHS. A copy of the agreement is attached as Appendix C.

The California Environmental Quality Act (Public Resources Code Section 21000 et seq., hereafter "CEQA") applies to discretionary projects to be carried out or approved by public agencies. A basic purpose of CEQA is to inform governmental decision-makers and the public about the potential significant environmental effects of the proposed activities. (CEQA Guideline Section 15002.)

This proposed project involves the installation of a wayside horn. Section 15301(f) of the CEQA Guidelines provides a categorical exemption from CEQA review, for the addition of safety or health protection devices used during construction or in conjunction with existing structures and facilities. In addition,

the CPUC Rule of Practice and Procedure 17.1(h)(A)(5) provides a CEQA exemption for alterations in railroad crossing protection, and Rule 17.1(h)(A)(6) provides a CEQA exemption for crossing alterations described in Guideline 15301(c) and (f). Based on these exemptions we find that installation of the wayside horn does not require a CEQA review.

In Resolution ALJ 176-3049 dated October 19, 2000, the CPUC preliminarily categorized this application as ratesetting, and preliminarily determined that hearings were not necessary. No protests have been received. Given these developments, a public hearing is not necessary, and it is not necessary to disturb the preliminary determinations made in Resolution ALJ 176 -3049.

An amendment to the application was filed by the City on April 16, 2002, and published on the CPUC's Daily Calendar on April 18, 2002. The amendment consists of replacing all references to Tahoe Street with Tiger Way in this application.

Application 00-09-063, as amended, meets the filing requirements of the CPUC's Rules of Practice and Procedure

The Rail Crossing Engineering Section (RCES) and Railroad Operations and Safety Section of the CPSD have inspected the site of the proposed pilot project. As provided for in Public Utilities Code Section 1202; RCES examined the need for and safety of the proposed pilot project and recommends that the requested authority be granted as a pilot project to evaluate the AHS.

This is an uncontested matter in which the decision grants the requested relief. Therefore, pursuant to California Public Utilities Code § 311(g)(2), the otherwise applicable 30-day period for public review and comment is being waived.

Assignment of Proceeding

Richard Clark is the assigned Examiner in this proceeding.

Findings of Fact

1. Notice of the application was published in the CPUC Daily Calendar on October 4, 2000. No protests have been filed.

2. The City filed an amendment to the application on April 16, 2002, and published in the CPUC's Daily Calendar on April 18, 2002. The amendment consists of replacing all references to Tahoe Street with Tiger Way in this application.

3. The City requests authority to install and maintain the AHS at Yosemite Street (001A-106.9), and Tiger Way (001A-107.20) crossings as a pilot project as permitted by Public Utilities Code Section 1202.

4. The CPUC is a responsible agency for this project under the CEQA.

5. This project is categorically exempt from the requirements of CEQA.

Conclusions of Law

1. The application is uncontested and a public hearing is not necessary.

2. The application should be granted as set forth in the following order.

O R D E R

IT IS ORDERED that:

1. The City of Roseville (City) is authorized to install and maintain a stationary horn warning system at two public crossings over the Union Pacific Railroad Company's main line at Yosemite Street (001A-106.9) and at Tiger Way (001A-107.20) in the City of Roseville as a pilot project as permitted by Public Utilities Code Section 1202 for the purpose of testing the utility and safety of stationary automated warning devices.

2. Clearances shall be in accordance with California Public Utilities Commission General Order (GO) 26-D.

3. Walkways shall conform to GO 118. Walkways adjacent to any tracks subject to rail operations shall be maintained free of obstructions and shall be promptly restored to their original condition in the event of damage during construction.

4. Construction and maintenance costs shall be borne in accordance with the agreement that has been entered into between the parties as shown in Appendix C.

5. The City will report quarterly, submit a preliminary assessment report to the Consumer Protection and Safety Division no later than January 31, 2004, and submit a final report as detailed in the Monitoring Plan in Appendix B.

6. This authorization shall expire if not exercised within three months unless time is extended or if the above conditions are not complied with. Authorization may be revoked or modified if public convenience, necessity, or safety so require.

7. This application is granted as set forth above.

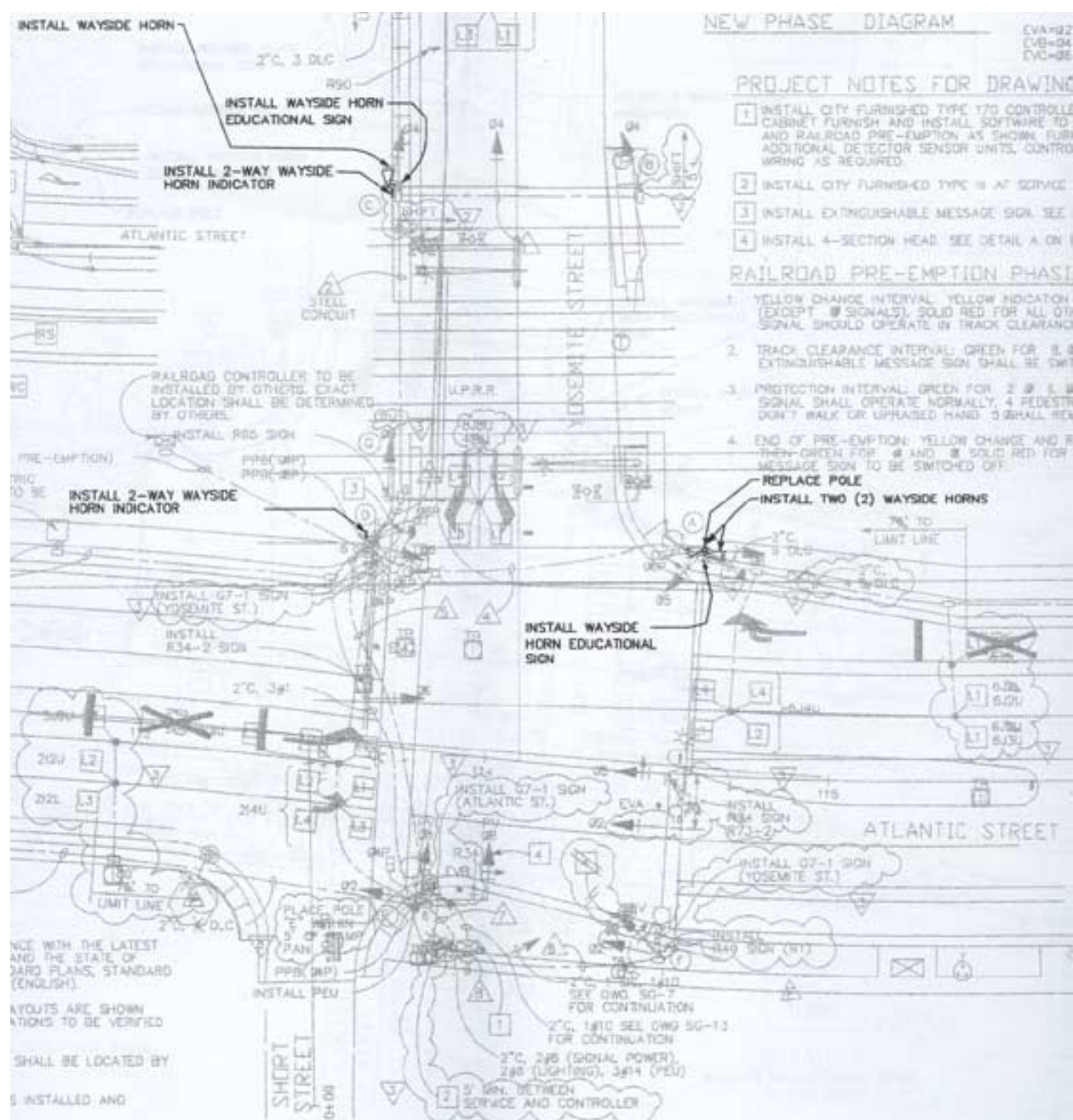
8. Application 00-09-063 is closed.

This order is effective today.

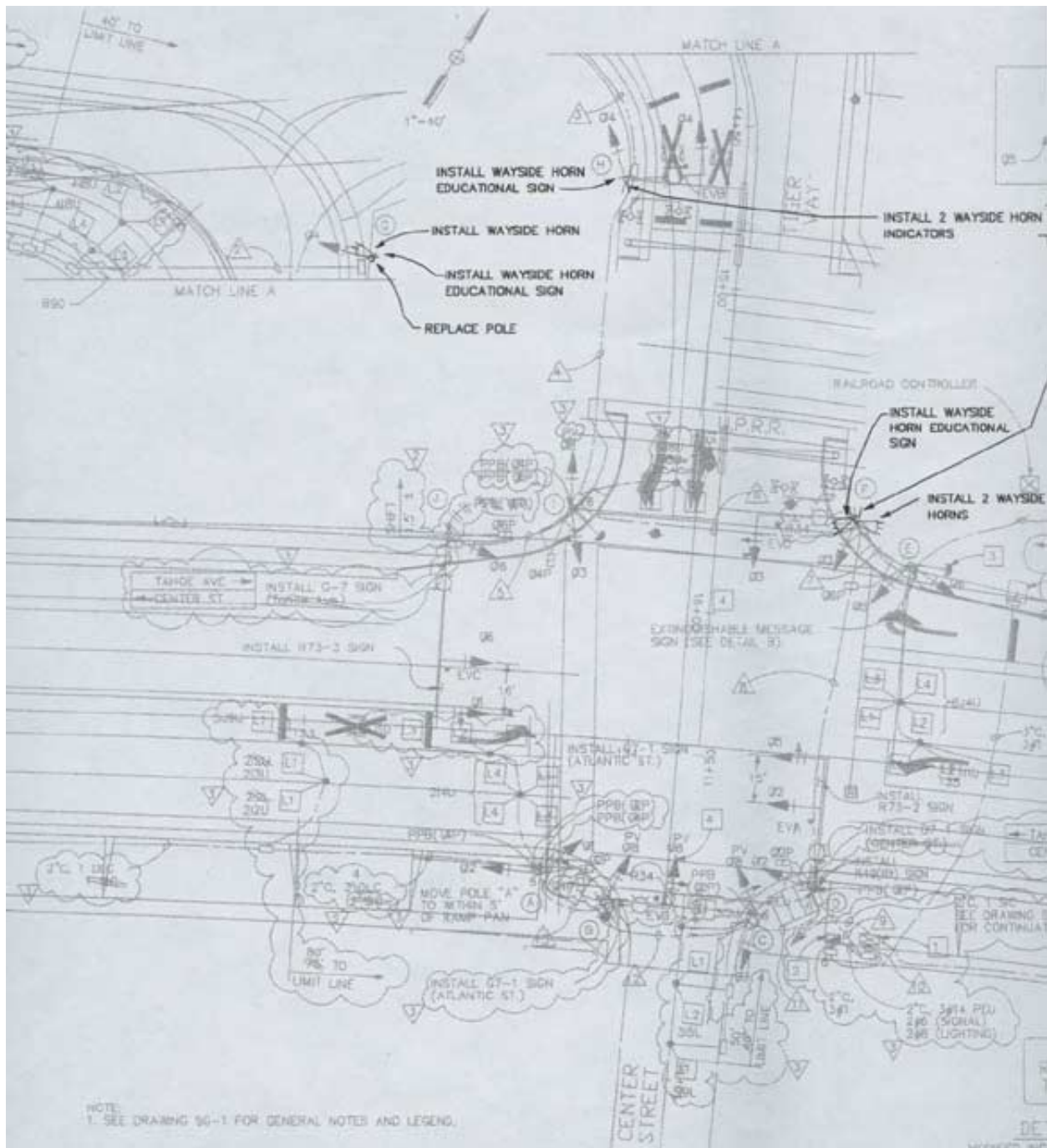
Dated December 17, 2002 , at San Francisco, California.

LORETTA M. LYNCH
President
HENRY M. DUQUE
CARL W. WOOD
GEOFFREY F. BROWN
MICHAEL R. PEEVEY
Commissioners

Appendix A - Device Locations



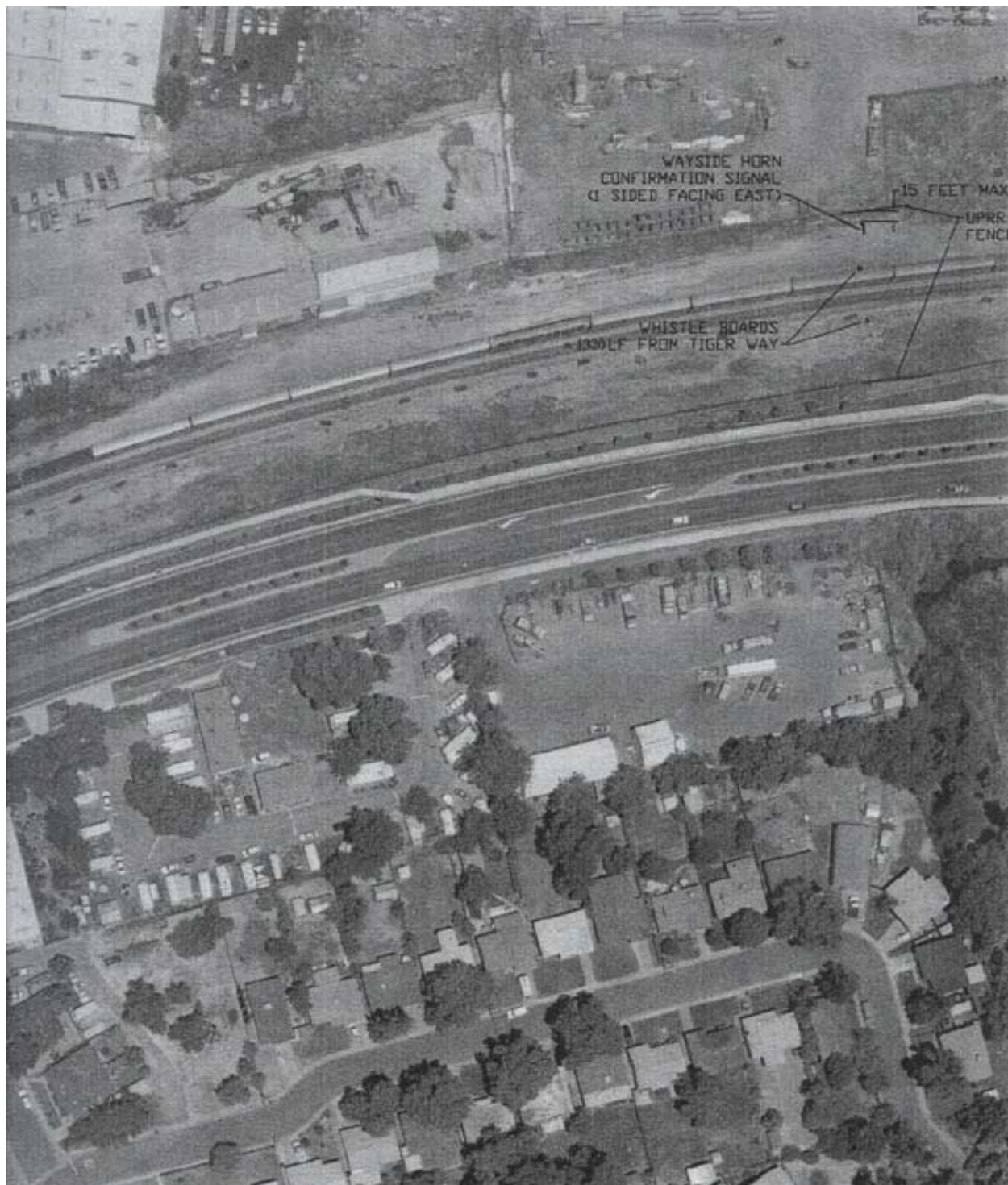
Appendix A - Device Locations



Appendix A - Device Locations



Appendix A - Device Locations



Appendix B - Monitoring Plan

I. Background

The City of Roseville in conjunction with the Federal Railroad Administration (FRA) and California Public Utilities (PUC) will perform a twelve (12) month monitoring program of the Automated Horn System (AHS) proposed for installation at the Yosemite Street and Tahoe Street at grade crossings. The purpose of the monitoring is to evaluate the effectiveness of the (AHS) as a supplementary safety measure by the FRA and PUC as part of the Final Rule for Use of Locomotive Horns at Highway Rail Grade Crossings. The program will monitor effectiveness of the AHS in Roseville through collection of driver behavior data, train operator acceptance, and acceptance by adjacent residences and businesses.

II. Monitoring Program

The following tasks constitute the City of Roseville AHS monitoring program:

Task 1 – Video Monitoring Driver Behavior Prior to Activation of AHS

The video monitoring program will measure for three (3) months the effect of the train-mounted horn and existing gate and signal warning devices on driver behavior.

Task 1.1 Equipment

A video camera will be mounted on a pole at each of the two (2) at grade-crossings to record driver behavior. Each camera should be mounted on the same utility pole as the wayside horn, but at a higher elevation. In each case, the video camera must capture driver behavior on both sides of the road between the gates on either side of the track(s). The video camera shall feed into some recording system or computer system located at the crossing. The system shall be located in a protected environment at the grade crossing. The track circuitry responsible for activating the gates and flashing lights also should activate a timer that starts the video/computer equipment to begin recording. The video equipment activated by the timer records the scene for a duration of 60 seconds after train arrival at the crossing.

Task 1.2 Performance Measures And Data Collection

Two performance measures, number of aggressive driving behaviors and number of violations will be used to compare the existing warning system to one supplemented by the AHS. Aggressive driving behavior is defined as driving through the grade crossing while the gates are in the process of descending, but not yet completely descended. A violation is defined as a vehicle driving around the gates after they have descended. The more important of the two measures is the number of violations.

Data will be collected for three (3) months, using video cameras to capture driver behavior. The data will be collected for a period of 60 seconds following activation of the grade crossing signal.

Appendix B - Monitoring Plan

The purpose of video analysis is to determine if the wayside horn provides warning comparable to existing train-mounted horns. To make this determination a comparison of the number of violations recorded during operation of the two warning systems will be made. For both warning systems answers to the following questions shall be documented:

1. How many events were observed? (An event is defined as the crossing gate descending from the upright position and results in a train crossing the tracks before the gates return to their upright position).
2. How many trains were observed?

Task 1.3 Aggressive Driving Analysis

How does the aggressive driving rate vary for the two types of auditory warnings?

Task 1.4 Driver Violation Analysis

What is the violation rate?

How does the violation rate vary for the two types of auditory warnings?

In addition to the above research questions, a summary of the data needed to conduct an analysis is as follows:

- # of events
- # of trains passing through the grade crossing
- # of motor vehicles passing through grade crossing
(Average Daily Vehicle count to be performed at beginning of the monitoring period and at end of the monitoring period)
- # of aggressive driving events
- # of violations

Task 2 – Video Monitoring Driver Behavior During Use of AHS

The video monitoring program will measure for three (3) months the effect of the AHS on driver behavior.

Task 2.1 Equipment

The same video equipment installed for Task 1 will be used for Task 2.

Task 2.2 Data Collection

The same performance measures used for Task 1 will be used for Task 2

The follow data will be collected

1. # of train and vehicle exposure events
2. # of trains passing through the grade crossing

Appendix B - Monitoring Plan

3. # of motor vehicles passing through grade crossing
4. Duration of data recording equipment failure (i.e. data logger collecting data on track circuit activation and video recording equipment collecting driver behavior data).

Task 2.3 Data Recording Sheet

A data-recording sheet will be used to code information collected from videotape footage. The following information will be collected:

Type of Information

1. Tape #
2. Date
3. Event Start Time
4. Event #
5. Train arrived at crossing
6. # of aggressive driving events
7. # of violations
8. Miscellaneous observations of driver behavior

Format

- Number
- Month/Day/Year
- Military Time
- Number
- Yes/No
- Number
- Number
- Text

Task 3 – Additional Surveys of Locomotive Engineers, Conductors and Adjacent Residents/Businesses

Three (3) surveys, will be conducted quarterly of locomotive engineers, conductors and residents/businesses adjacent to the Yosemite and Tahoe at-grade crossings to identify their perceptions of AHS operations and effectiveness.

Task 3.1 Survey of Locomotive Engineers & Conductors

Within 60 days of AHS activation a survey of locomotive engineers and conductors will be conducted to identify their perceptions of the AHS. The survey will be performed three times on a quarterly basis, upon activation of the AHS. The survey will include the following questions:

1. Have the locomotive engineers observed changes in motorist behavior at the crossing since the AHS has replaced locomotive-based horns?
2. Is the confirmation signal an effective mechanism confirming AHS operation?
3. Have the locomotive engineers had to use the locomotive horn at the Yosemite and Tahoe crossings since activation of the AHS?
 - a. Describe factors which lead to use of locomotive horn.

Task 3.2 Survey of Residents and Businesses

Within 60 days of AHS activation a survey of residents and businesses adjacent to the Yosemite and Tahoe crossings will be surveyed to identify their perception of the AHS. The survey will be performed three times on a quarterly basis, upon activation of the AHS. The survey will include the following questions:

Appendix B - Monitoring Plan

1. Have the residents and businesses observed changes in motorist behavior at the crossing since AHS has replaced locomotive based horns?
2. Have the residents and businesses observed the use of locomotive based horns since activation of the AHS?

Task 3.3 Survey of Accident History

During the twelve (12) month monitoring program an accident history for the Yosemite and Tahoe at-grade-crossings will be maintained.

Task 4 - Final Report

The final report will review the monitoring results. The results will be provided to the FRA, PUC, Union Pacific, AHS manufacturers, and employee unions.

Appendix C - Agreement

AUTOMATED HORN AGREEMENT

THIS AGREEMENT, is made and entered into this 20th day of November, 2002, by and between UNION PACIFIC RAILROAD COMPANY, a Delaware corporation (hereinafter the "Railroad") and the CITY OF ROSEVILLE, a municipal corporation of the State of California (hereinafter the "City"),

WITNESSETH:**RECITALS:**

The City has undertaken a pilot project pursuant to Section 1202 of the Public Utilities Code of the State of California involving the installation of an Automated Horn System (hereinafter "AHS") at the locations shown in Exhibit A, hereto attached and hereby made a part hereof. The City is interested in determining whether the AHS reduces noise levels in the adjacent community, and has requested that the Railroad cooperate with the project to the extent set forth hereinbelow. The AHS may also increase public safety and reduce the number of accidents at gated railroad/highway grade crossings. Railroad is willing to cooperate with the City's project upon the terms and conditions hereinafter set forth.

NOW, THEREFORE, in consideration of the premises and of the promises and conditions hereinafter set forth, the parties hereto agree as follows:

AGREEMENT:

1. The City shall provide all labor and materials, at its sole cost and expense, for the installation and maintenance of an AHS for the grade crossings of Railroad's Roseville Subdivision main line at Yosemite Street and Tiger Way as shown in Exhibit A (it is understood that the term "AHS" includes all required components such as the horn, utility poles, the horn confirmation signal, the advance confirmation indicators (as needed), control cables, circuitry, etc., and power supply for each installation). The City will endeavor to place all AHS components, utility poles and the power supply at locations within the City's existing street rights of way. If a location on Railroad's right of way outside the existing street right of way is required, such as for an advance confirmation indicator, City may apply for a license from Railroad for the preferred

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location, which the Railroad will grant at no cost, provided no existing or planned facilities are adversely impacted by such placement. Actual placement location will be subject to the prior approval of the Railroad.

2. (a). In recognition of a request by the California Public Utilities Commission (PUC), City has agreed to install and maintain, at its sole cost and expense, an advance confirmation indicator at or near the whistle board located approximately one-quarter mile north (railroad east) of the Tiger Way crossing. The approximate location of the advance confirmation indicator, to be installed on a City pole, is shown on Exhibit A. The exact location shall be determined by consultation between Railroad and City, but shall be as close to the north edge of the right of way at this location as practicable, keeping mind the requirement that the indicator must be visible to trains approaching from the north.

(b). City shall install and maintain the advance confirmation indicator, which shall be and remain City property. The parties agree that this indicator is not a railroad signal but rather is a part of City's AHS installation at Tiger Way. Railroad shall have absolutely no obligation nor any right whatsoever to install, provide circuitry to, test or maintain the advance confirmation indicator. Railroad shall grant to City at no cost a license for the pole on which the device shall be installed and for underground wirelines as needed to bring power and control wires to this indicator from the AHS control circuitry at Tiger Way.

(c). Railroad shall grant to City or its contractors a right of entry at no cost pursuant to Section 9 hereinbelow, for the purpose of installing and maintaining the advance confirmation indicator.

3. The Railroad, at its expense, shall provide the inter-connect from the crossing signal control systems in Railroad's signal cabin to activate the AHS at each installation. If modified Railroad signal activation circuitry is required at a crossing to properly activate the AHS, the Railroad will install such circuitry at the sole expense of City.

4. (a). The City will own and maintain, at its sole expense, the AHS and all components thereof at each crossing and will be responsible for ensuring the reliable operation of each system and preventing any malfunctions from and after the point and time of installation. Railroad shall have absolutely no obligation nor any right whatsoever to install, provide circuitry to, test or maintain any of the AHS components.

(b). If so ordered by the PUC, City shall install, own and maintain at its sole expense a posted sign located in advance of the crossing that alerts the public that an AHS is installed and that the locomotive horn will not sound at this crossing.

5. Upon notification from the City that the AHS has been activated, and provided that the PUC pilot project order is in effect, Railroad agrees to comply with City's request not to sound the locomotive horn at the AHS crossings in Exhibit A.

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Railroad also agrees to issue a notice to all other railroad companies operating over these crossings to comply with the automated horn procedures as approved by the PUC. Railroad shall continue to have the free and unrestrained right to instruct its engineers to sound the locomotive horn whenever otherwise required by state or federal statute, regulation, or order, or by Railroad's operating rules. Nothing in this provision shall qualify or otherwise limit the City's agreement to indemnify Railroad as set forth in this Agreement.

6. The City shall be responsible at its sole cost and expense to obtain the necessary approval and authority from the PUC for a pilot project (not to exceed two years in length) authorizing installation of the AHS and its components and discontinuance of the sounding of the locomotive horns on approach to the grade crossings in Exhibit A. The Railroad agrees to cooperate by participating in meetings and on-site inspections. City shall not install the AHS or any of its components until issuance of the required authority from the PUC. If the consent of any other governmental entity is required for Railroad's compliance with this Agreement, the City agrees to obtain such consent at its sole cost and expense. If the PUC requires monitoring or periodic testing of the AHS as part of its approval, City shall be responsible for undertaking such monitoring and testing at its sole cost and expense, including preparation of any reports to the PUC, and Railroad agrees to cooperate and assist City in making such reports.

7. To the extent permitted by California law, the City shall indemnify, defend and hold the Railroad (and for purposes of this Section 7 and Section 8, the term "Railroad" shall be deemed to include all other railroad companies operating over these crossings, including Amtrak and the Burlington Northern and Santa Fe Railway) its affiliates, their officers, agents and employees, against and from any and all liability, loss, damage, claims, demands, costs and expenses of whatsoever nature, including court costs and attorneys' fees, arising from or growing out of any injury to or death of persons whomsoever (including officers, agents and employees of the Railroad, of the City and of any Contractor, as well as other persons) or loss of or damage to property whatsoever (including property of or in the custody of the Railroad, the City, City's Contractor or any subcontractor as well as other property) arising out of an incident or accident at or near the AHS crossings shown in Exhibit A to the extent caused (or alleged to have been caused) by (a) the design, installation or operation of the AHS or any of its components (including without limitation any advance highway warning signs installed by City), (b) Railroad's compliance with the terms of this Agreement or of any PUC order concerning the AHS, (c) City's noncompliance with the terms of this Agreement or of any PUC order concerning the AHS, or (d) any negligent act or omission of the City, its contractors, agents and/or employees, that directly caused the accident or contributed to the accident.

8. During the term of this Agreement, the City also hereby agrees to provide a primary level of insurance in compliance with the provisions set forth in Exhibit C, hereto attached and hereby made a part hereof. In no event shall the City be relieved of its duty to indemnify the Railroad if the City fails, refuses, or is unable to obtain adequate insurance coverage, or if such insurance coverage excludes the claim for any

Appendix C - Agreement

reason under the policy terms. The insurance required by this Section 9 is in addition to the insurance required by the Contractor's Right of Entry form attached as Exhibit B. The City shall send proof of such insurance to Union Pacific Railroad Company, 1416 Dodge St., Omaha, NE 68179, Attn: Director Public Projects – Engineering.

9. If at any time any work needs to be performed on the AHS on Railroad's property (as opposed to work on City's street right of way) by City or City's contractor(s) or their subcontractor(s), the City shall execute, or shall require its contractor, or a subcontractor, to execute the Railroad's form Contractor's Right of Entry Agreement which is attached hereto as Exhibit B. The City acknowledges receipt of a copy of the Contractor's Right of Entry Agreement and understanding of its terms, provisions, and requirements, and will inform its contractor(s) of the need for them and their subcontractor's to execute the Agreement. Under no circumstances will City or City's contractor(s) or their subcontractor(s) be allowed onto the Railroad's property without first executing the Contractor's Right of Entry Agreement. Before any work begins, City or each of City's contractor(s)/subcontractor(s) will provide the Railroad with a certificate issued by their respective Insurance carrier providing the insurance coverage required pursuant to Exhibit A-1 of the Contractor's Right of Entry Agreement, in a policy containing the following endorsement:

"Union Pacific Railroad Company is named as additional insured with respect to all liabilities arising out of Insured's performance of work related to the installation and maintenance of the automated horn systems in Roseville."

The City declares that this agreement has been reviewed by its insurance agent(s)/broker(s) and that said agent(s)/broker(s) has been instructed to protect insurance coverage and an endorsement as required herein.

10. This Agreement may be terminated as follows:

(a) by mutual agreement of the parties at any time (subject to any requirements of the PUC order authorizing the installation);

(b) by either party at the end of the term of the PUC authorized pilot project (subject to any requirements of the PUC order authorizing the installation);

(c) unilaterally by Railroad upon written notice to City if the FRA issues grade crossing whistle regulations which prohibit or impose significant restrictions on the use of the AHS which either Railroad or City determines in good faith it is unwilling or unable to meet; or the FRA issues any ruling which requires the use of locomotive horns at a crossing where an AHS is located; or the City fails and/or refuses to comply with FRA regulations concerning the adoption of quiet zones and the implementation of alternative safety measures and/or supplemental safety devices in conjunction with continued use of the AHS.

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Upon termination, City shall promptly deactivate the AHS and Railroad shall instruct its engineers to resume sounding the locomotives horns at the crossings in accordance with Railroad's operating rules. City may retain the deactivated AHS and its components in place for a period not to exceed two years pending efforts by City to obtain regulatory approval from the FRA and/or PUC for reactivation of the AHS at one or both of the crossings. If City fails to obtain such regulatory approval within said period, City shall promptly remove the AHS and its components from both crossings at its sole cost and expense.

It is further understood by the parties that the effectiveness of this Agreement is contingent upon approval of the AHS installations by the PUC. If the PUC approval contains provisions or requirements which are in addition to or inconsistent with the terms of this Agreement, either party shall have the right to forthwith terminate this Agreement without liability or penalty to the other.

11. Covenants herein shall inure to or bind each party's successors and assigns; provided, no right of the City shall be transferred or assigned, either voluntarily or involuntarily, except by express written agreement acceptable to the Railroad.

12. The prior agreement of the parties hereto concerning installation of the AHS at the above referenced crossings, dated May 9, 2001, is hereby cancelled and superseded in its entirety by this Agreement, and said prior agreement shall be of no force or effect whatsoever.

13. The City shall, when returning this Agreement to the Railroad, cause same to be accompanied by such Order, Resolution or Ordinance of the governing body of the City, passed and approved as by law prescribed, and duly certified, evidencing the authority of the person executing this Agreement on behalf of the City with the power so to do.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the date and year first hereinabove written.

UNION PACIFIC RAILROAD COMPANY,

Approved as to Form:



By: Thomas J. Ogee

Title: Chief Engineer Design

Appendix C - Agreement

CITY OF ROSEVILLE

By

W. Craig Robinson
W. Craig Robinson

Its:

Acting City Manager

Pursuant to Resolution/Order dated

November 20

, 2002,

hereto attached.

ATTEST:

Carolyn Parkinson

Carolyn Parkinson, MMC
City Clerk

Appendix C - Agreement

RESOLUTION NO. 02-510

APPROVING AN AGREEMENT BETWEEN THE CITY OF ROSEVILLE AND UNION
PACIFIC RAILROAD COMPANY AND AUTHORIZING THE CITY MANAGER TO
EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an automated horn system agreement, between the City of Roseville and
Union Pacific Railroad Company, has been reviewed by the Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that
said agreement is approved and that the City Manager is authorized to execute it on behalf of the
City of Roseville upon receipt and approval of all signed documents.

PASSED AND ADOPTED by the Council of the City of Roseville this 20th day of
November, 2022, by the following vote on roll call:

AYES COUNCILMEMBERS: Earl Rush, Richard Poccucci, Gina Garbolino,
Rocky Rockholm, Claudia Gamir

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None


MAYOR

ATTEST:


City Clerk