

ROSEVILLE
REQUEST FOR COUNCIL ACTION

Date: September 23, 2019
Item No.: 7.h

Department Approval



City Manager Approval



Item Description: Consider Railroad Quiet Zone Study Professional Services Agreement

BACKGROUND

City staff and Council members have received numerous comments from residents over the years about train whistles on the BNSF/Minnesota Commercial railroad line. This rail line, which is owned by BNSF Railway and leased and operated by Minnesota Commercial Railway, travels along County Road C and veers north along the east side of Lake Owasso ultimately heading into Shoreview, traveling through an area that is largely residential. This line doesn't have very much rail traffic on it, but there is a regular train that travels on this line several times a week, including most Sundays, with an outbound trip (east and northbound) in the morning and a return trip into Roseville sometime in the afternoon.

After struggling with communicating to residents why Roseville couldn't establish a quiet zone as had been done in Shoreview and Little Canada a few years ago along a different rail line, staff asked SEH, Inc., which designed and managed the aforementioned quiet zone project in Shoreview and Little Canada, to provide a proposal which would detail what changes would have to occur at each grade crossing with the railroad line in order to establish one or more quiet zones. This will also tell us how small of a zone we could establish and what, if anything, needs to be done at the multiple private driveway crossings along County Road C to meet a quiet zone standard.

With this completed study, the City would be able to have a discussion about the possibilities of establishing a quiet zone within the City, what the costs would be, and how the City should prioritize and fund this endeavor. There may also be opportunities to apply for regional, state and federal dollars for this purpose, although given the low volume of rail traffic this may be difficult to obtain for this line.

This study would take an inventory of all 28 grade crossings within the City of Roseville, including the crossings on the other rail lines in Roseville, identify the improvements necessary to meet the minimum requirements for a quiet zone crossing, estimate the cost of these improvements, and get input from the railways who own and operate this rail line.

In addition to a traditional written report, the City would also get the results of the study and inventory in a format that would allow us to import this data into our Asset Management system so we can manage these crossings as an asset for replacement timing and costs.

POLICY OBJECTIVE

From the City of Roseville 2030 Transportation Plan, Policy 1.3: Cooperate with State and Federal agencies and railroad companies to enhance safety at all highway, railroad, and pedestrian crossings.

32 **BUDGET IMPLICATIONS**

33 The proposed work from SEH, Inc. would cost \$27,100. This will be funded from the City's
34 Engineering Services fund which is money collected primarily from revenue from Engineering
35 Services provided to the City of Falcon Heights. While this is not a budgeted expense, we often use
36 this fund to pay for various engineering studies as the need arises.

37 **STAFF RECOMMENDATION**

38 Staff recommends that the City Council receive a brief presentation on the proposed Railroad Quiet
39 Zone Study and consider approving the Railroad Quiet Zone Study Professional Services
40 Agreement.

41 **REQUESTED COUNCIL ACTION**

42 Consider approving the Railroad Quiet Zone Study Professional Services Agreement.

Prepared by: Marc Culver, P.E., Public Works Director
Attachments: A: Professional Services Agreement
B: SEH, Inc. Proposal
C: Map of railroad line

Standard Agreement for Professional Services

This Agreement (“Agreement”) is made on the ___ day of _____, 2019, between the City of Roseville, a municipal corporation (hereinafter “City”), and SEH, Inc., a domestic corporation (hereinafter “Consultant”).

Preliminary Statement

The City has adopted a policy regarding the selection and hiring of consultants to provide a variety of professional services for City projects. That policy requires that persons, firms or corporations providing such services enter into written agreements with the City. The purpose of this Agreement is to set forth the terms and conditions for the performance of professional services by the Consultant.

The City and Consultant agree as follows:

1. **Scope of Work Proposal.** The Consultant agrees to provide the professional services shown in Exhibit “A” attached hereto (“Work”) in consideration for the compensation set forth in Provision 3 below. The terms of this Agreement shall take precedence over and supersede any provisions and/or conditions in any proposal submitted by the Consultant.
2. **Term.** The term of this Agreement shall be from **September 24, 2019**, the date of signature by the parties notwithstanding.
3. **Compensation for Services.** The City agrees to pay the Consultant a not-to-exceed amount of **\$27,100** as compensation as described in Exhibit A attached hereto for the Work, subject to the following:
 - A. Any changes in the Work which may result in an increase to the compensation due the Consultant shall require prior written approval of the City. The City will not pay additional compensation for Work that does not have such prior written approval.
 - B. Third party independent contractors and/or subcontractors may be retained by the Consultant when required by the complex or specialized nature of the Work when authorized in writing by the City. The Consultant shall be responsible for and shall pay all costs and expenses payable to such third party contractors unless otherwise agreed to by the parties in writing.
4. **City Representative and Special Requirements:**
 - A. The Public Works Director shall act as the City’s representative with respect to the Work to be performed under this Agreement. Such representative shall have authority to transmit instructions, receive information and interpret and define the City’s policies and decisions with respect to the Work to be performed under this Agreement, but shall not have the right to enter into contracts or make binding agreements on behalf of the City with respect to the Work or this Agreement. The City may change the City’s representative at any time by notifying the Consultant of such change in writing.
 - B. In the event that the City requires any special conditions or requirements relating to the Work and/or this Agreement, such special conditions and requirements are stated in Exhibit C attached hereto. The parties agree that such special conditions and requirements are incorporated into and made a binding part of this Agreement and the Consultant agrees to perform the Work in accordance with, and that this Agreement shall be subject to, the conditions and requirements set forth in Exhibit C.
5. **Method of Payment.** The Consultant shall submit to the City, on a monthly basis, an itemized invoice for Work performed under this Agreement. Invoices submitted shall be paid in the same manner as other claims made to the City. Invoices shall contain the following:

- A. For Work reimbursed on an hourly basis, the Consultant shall indicate for each employee, his or her name, job title, the number of hours worked, rate of pay for each employee, a computation of amounts due for each employee, and the total amount due for each project task. For all other Work, the Consultant shall provide a description of the Work performed and the period to which the invoice applies. For reimbursable expenses, if provided for in Exhibit A, the Consultant shall provide an itemized listing and such documentation of such expenses as is reasonably required by the City. In addition to the foregoing, all invoices shall contain, if requested by the City, the City's project number, a progress summary showing the original (or amended) amount of the Agreement, the current billing, past payments, the unexpended balance due under the Agreement, and such other information as the City may from time to time reasonably require.
- B. To receive any payment pursuant to this Agreement, the invoice must include the following statement dated and signed by the Consultant: "I declare under penalty of perjury that this account, claim, or demand is just and correct and that no part of it has been paid."

The payment of invoices shall be subject to the following provisions:

- A. The City shall have the right to suspend the Work to be performed by the Consultant under this Agreement when it deems necessary to protect the City, residents of the City or others who are affected by the Work. If any Work to be performed by the Consultant is suspended in whole or in part by the City, the Consultant shall be paid for any services performed prior to the delivery upon the Consultant of the written notice from the City of such suspension.
 - B. The Consultant shall be reimbursed for services performed by any third party independent contractors and/or subcontractors only if the City has authorized the retention of and has agreed to pay such persons or entities pursuant to Section 3B above.
- 6. ***Project Manager and Staffing.*** The Consultant has designated **Lindsey Roberts McKenzie** ("Project Contacts") to perform and/or supervise the Work, and as the persons for the City to contact and communicate with regarding the performance of the Work. The Project Contacts shall be assisted by other employees of the Consultant as necessary to facilitate the completion of the Work in accordance with the terms and conditions of this Agreement. The Consultant may not remove or replace the Project Contacts without the prior approval of the City.
 - 7. ***Standard of Care.*** All Work performed by the Consultant under this Agreement shall be in accordance with the normal standard of care in Ramsey County, Minnesota, for professional services of like kind.
 - 8. ***Audit Disclosure.*** Any reports, information, data and other written documents given to, or prepared or assembled by the Consultant under this Agreement which the City requests to be kept confidential shall not be made available by the Consultant to any individual or organization without the City's prior written approval. The books, records, documents and accounting procedures and practices of the Consultant or other parties relevant to this Agreement are subject to examination by the City and either the Legislative Auditor or the State Auditor for a period of six (6) years after the effective date of this Agreement. The Consultant shall at all times abide by Minn. Stat. § 13.01 et seq. and the Minnesota Government Data Practices Act, to the extent the Act is applicable to data, documents, and other information in the possession of the Consultant.
 - 9. ***Termination.*** This Agreement may be terminated at any time by the City, with or without cause, by delivering to the Consultant at the address of the Consultant set forth in Provision 26 below, a written notice at least ten (10) days prior to the date of such termination. The date of termination shall be stated in the notice. Upon termination the Consultant shall be paid for services rendered (and

reimbursable expenses incurred if required to be paid by the City under this Agreement) by the Consultant through and until the date of termination so long as the Consultant is not in default under this Agreement. If the City terminates this Agreement because the Consultant is in default of its obligations under this Agreement, no further payment shall be payable or due to the Consultant following the delivery of the termination notice, and the City may, in addition to any other rights or remedies it may have at law or in equity, retain another consultant to undertake or complete the Work to be performed hereunder.

10. ***Subcontractor.*** The Consultant shall not enter into subcontracts for services provided under this Agreement without the express written consent of the City. The Consultant shall promptly pay any subcontractor involved in the performance of this Agreement as required by the State Prompt Payment Act.
11. ***Independent Consultant.*** At all times and for all purposes herein, the Consultant is an independent contractor and not an employee of the City. No statement herein shall be construed so as to find the Consultant an employee of the City.
12. ***Non-Discrimination.*** During the performance of this Agreement, the Consultant shall not discriminate against any person, contractor, vendor, employee or applicant for employment because of race, color, creed, religion, national origin, sex, marital status, status with regard to public assistance, disability, sexual orientation or age. The Consultant shall post in places available to employees and applicants for employment, notices setting forth the provision of this non-discrimination clause and stating that all qualified applicants will receive consideration for employment. The Consultant shall incorporate the foregoing requirements of this Provision 12 in all of its subcontracts for Work done under this Agreement, and will require all of its subcontractors performing such Work to incorporate such requirements in all subcontracts for the performance of the Work. The Consultant further agrees to comply with all aspects of the Minnesota Human Rights Act, Minnesota Statutes 363.01, et. seq., Title VI of the Civil Rights Act of 1964, and the Americans with Disabilities Act.
13. ***Assignment.*** The Consultant shall not assign this Agreement, nor its rights and/or obligations hereunder, without the prior written consent of the City.
14. ***Services Not Provided For.*** No claim for services furnished by the Consultant not specifically provided for herein shall be paid by the City.
15. ***Compliance with Laws and Regulations.*** The Consultant shall abide with all federal, state and local laws, statutes, ordinances, rules and regulations in the performance of the Work. The Consultant and City, together with their respective agents and employees, agree to abide by the provisions of the Minnesota Data Practices Act, Minnesota Statutes Section 13, as amended, and Minnesota Rules promulgated pursuant to Chapter 13. Any violation by the Consultant of statutes, ordinances, rules and regulations pertaining to the Work to be performed shall constitute a material breach of this Agreement and entitle the City to immediately terminate this Agreement.
16. ***Waiver.*** Any waiver by either party of a breach of any provisions of this Agreement shall not affect, in any respect, the validity of the remainder of this Agreement or either parties' ability to enforce a subsequent breach.
17. ***Indemnification.*** To the fullest extent permitted by law, the Consultant agrees to defend, indemnify and hold the City, and its mayor, council members, officers, agents, employees and representatives harmless from and against all liability, claims, damages, costs, judgments, losses and expenses,

including but not limited to reasonable attorney's fees, arising out of or resulting from any act or omission of the Consultant, its officers, agents, employees, contractors and/or subcontractors pertaining to the execution, performance or failure to adequately perform the Work and/or its obligations under this Agreement.

18. **Insurance.**

A. General Liability. Prior to starting the Work and during the full term of this Agreement, the Consultant shall procure, maintain and pay for such insurance as will protect against claims for bodily injury or death, and for damage to property, including loss of use, which may arise out of operations by the Consultant or by any subcontractor of the Consultant, or by anyone employed by any of them, or by anyone for whose acts any of them may be liable. Such insurance shall include, but not be limited to, minimum coverages and limits of liability specified in this Provision 18 or such greater coverages and amounts as are required by law. Except as otherwise stated below, the policies shall name the City as an additional insured for the Work provided under this Agreement and shall provide that the Consultant's coverage shall be primary and noncontributory in the event of a loss.

B. The Consultant shall procure and maintain the following minimum insurance coverages and limits of liability with respect to the Work:

Worker's Compensation:	Statutory Limits
Commercial General Liability:	\$1,000,000 per occurrence \$1,000,000 general aggregate \$1,000,000 products – completed operations aggregate \$5,000 medical expense
Comprehensive Automobile Liability:	\$1,000,000 combined single limit (shall include coverage for all owned, hired and non-owned vehicles.

C. The Commercial General Liability policy(ies) shall be equivalent in coverage to ISO form CG 0001, and shall include the following:

- (i) Personal injury with Employment Exclusion (if any) deleted;
- (ii) Broad Form Contractual Liability coverage; and
- (iii) Broad Form Property Damage coverage, including Completed Operations.

D. During the entire term of this Agreement, and for such period of time thereafter as is necessary to provide coverage until all relevant statutes of limitations pertaining to the Work have expired, the Consultant shall procure, maintain and pay for professional liability insurance, satisfactory to the City, which insures the payment of damages for liability arising out of the performance of professional services for the City, in the insured's capacity as the Consultant, if such liability is caused by an error, omission, or negligent act of the insured or any person or organization for whom the insured is liable. Said policy shall provide an aggregate limit of at least \$2,000,000.00.

E. The Consultant shall maintain in effect all insurance coverages required under this Provision 18 at Consultant's sole expense and with insurance companies licensed to do business in the state in Minnesota and having a current A.M. Best rating of no less than A-, unless otherwise

agreed to by the City in writing. In addition to the requirements stated above, the following applies to the insurance policies required under this Provision:

- (i) All policies, except the Professional Liability Insurance Policy, shall be written on an “occurrence” form (“claims made” and “modified occurrence” forms are not acceptable);
- (ii) All policies, except the Professional Liability Insurance Policy and the Worker’s Compensation Policy, shall name “the City of Roseville” as an additional insured;
- (iii) All policies, except the Professional Liability Insurance Policy and the Worker’s Compensation Policy, shall insure the defense and indemnify obligations assumed by Consultant under this Agreement; and
- (iv) All policies shall contain a provision that coverages afforded thereunder shall not be canceled or non-renewed or restrictive modifications added, without thirty (30) days prior written notice to the City.

A copy of: (i) a certification of insurance satisfactory to the City, and (ii) if requested, the Consultant’s insurance declaration page, riders and/or endorsements, as applicable, which evidences the compliance with this Paragraph 18, must be filed with the City prior to the start of Consultant’s Work. Such documents evidencing insurance shall be in a form acceptable to the City and shall provide satisfactory evidence that the Consultant has complied with all insurance requirements. Renewal certificates shall be provided to the City prior to the expiration date of any of the required policies. The City will not be obligated, however, to review such declaration page, riders, endorsements or certificates or other evidence of insurance, or to advise Consultant of any deficiencies in such documents, and receipt thereof shall not relieve the Consultant from, nor be deemed a waiver of, the City’s right to enforce the terms of the Consultant’s obligations hereunder. The City reserves the right to examine any policy provided for under this Provision 18.

19. **Ownership of Documents.** All plans, diagrams, analysis, reports and information generated in connection with the performance of this Agreement (“Information”) shall become the property of the City, but the Consultant may retain copies of such documents as records of the services provided. The City may use the Information for any reasons it deems appropriate without being liable to the Consultant for such use. The Consultant shall not use or disclose the Information for purposes other than performing the Work contemplated by this Agreement without the prior consent of the City.
20. **Annual Review.** Prior to January 1 of each year of this Agreement, the City shall have the right to conduct a review of the performance of the Work performed by the Consultant under this Agreement. The Consultant agrees to cooperate in such review and to provide such information as the City may reasonably request. Following each performance review the parties shall, if requested by the City, meet and discuss the performance of the Consultant relative to the remaining Work to be performed by the Consultant under this Agreement.
21. **Conflicts.** No salaried officer or employee of the City and no member of the City Council of the City shall have a financial interest, direct or indirect, in this Agreement. The violation of this provision shall render this Agreement void.
22. **Governing Law.** This Agreement shall be controlled by the laws of the State of Minnesota.
23. **Counterparts.** This Agreement may be executed in multiple counterparts, each of which shall be considered an original.

24. **Severability.** The provisions of this Agreement are severable. If any portion hereof is, for any reason, held by a court of competent jurisdiction to be contrary to law, such decision shall not affect the remaining provisions of this Agreement.
25. **Notices.** Any notice to be given by either party upon the other under this Agreement shall be properly given: a) if delivered personally to the City Manager if such notice is to be given to the City, or if delivered personally to an officer of the Consultant if such notice is to be given to the Consultant, b) if mailed to the other party by United States registered or certified mail, return receipt requested, postage prepaid, addressed in the manner set forth below, or c) if given to a nationally, recognized, reputable overnight courier for overnight delivery to the other party addressed as follows:

If to City: City of Roseville
 Roseville City Hall
 2660 Civic Center Drive
 Roseville, MN 55113
 Attn: City Manager

If to Consultant: SEH, Inc.
 3535 Vadnais Center Drive
 St. Paul, MN 55110-5196
 Attn: Lindsey Roberts McKenzie

Notices shall be deemed effective on the date of receipt if given personally, on the date of deposit in the U.S. mails if mailed, or on the date of delivery to an overnight courier if so delivered; provided, however, if notice is given by deposit in the U.S. mails or delivery to an overnight courier, the time for response to any notice by the other party shall commence to run one business day after the date of mailing or delivery to the courier. Any party may change its address for the service of notice by giving written notice of such change to the other party, in any manner above specified, 10 days prior to the effective date of such change.

26. **Entire Agreement.** Unless stated otherwise in this Provision 27, the entire agreement of the parties is contained in this Agreement and its exhibits. This Agreement supersedes all prior oral agreements and negotiations between the parties relating to the subject matter hereof as well as any previous agreements presently in effect between the parties relating to the subject matter hereof. Any alterations, amendments, deletions, or waivers of the provisions of this Agreement shall be valid only when expressed in writing and duly signed by the parties, unless otherwise provided herein. The following agreements supplement and are a part of this Agreement: none.

IN WITNESS WHEREOF, the undersigned parties have entered into this Agreement as of the date set forth above.

CITY OF ROSEVILLE

By: _____
Mayor

By: _____
City Manager

SEH, INC.

By: _____

Its: _____



Building a Better World
for All of Us®

September 6, 2019

RE: Proposal for Professional Services
City of Roseville
Railroad Quiet Zone Study
SEH No. P-152306

Marc Culver
Director of Public Works
City of Roseville
2660 Civic Center Drive
Roseville, MN 55113

Dear Mr. Culver:

We are pleased to have an opportunity to assist the City of Roseville with evaluating the feasibility of implementing a Quiet Zone along the existing BNSF Railway / Minnesota Commercial (MNNR) corridor that extends through the City. Short Elliott Hendrickson Inc. (SEH) has significant experience in evaluating and implementing Quiet Zones, and we are eager to help the City of Roseville evaluate this interest and find solutions to provide relief from locomotive horns.

Background

In the 1996 legislation, the federal government preempted local and state governments from regulating train horn noise. In 2005, after many years of investigation and rule making, final rules regulating train horn noise were adopted. This legislation requires all trains to sound their horn prior to occupying a public highway-railroad grade crossings.

The Federal Railroad Administration (FRA) rules provide a mechanism to evaluate how a community may minimize the noise caused by the trains. The rules provide for communities to create Quiet Zones where trains are exempt from horn regulations. There can be multiple Quiet Zones in a community provided that each zone meets the criteria in the rules. This allows for phasing of a Quiet Zones based on funding, local development, and jurisdictional issues.

As referenced above; the MNNR, the railroad that operates through Roseville, is required by the FRA to blow their horn at every public highway-railroad grade crossing. To provide relief from the impact of train horn noise generated to the residents of Roseville, the City will need to follow the Federal requirements to enact a Quiet Zone. This study will address the requirements to implement a FRA approved Quiet Zone within the City of Roseville.

Proposed Scope of Work

Task 1 – Data Collection & Initial Assessment

There are 28 grade crossings within the City of Roseville. This initial task will be to perform a high level review of all of the grade crossings vs the minimum requirements for crossings within a Quiet Zone. SEH will compile this review to assist the City in determining which areas are of interest to further evaluate the implementation of Quiet Zones. SEH is proposing to complete this task while there are still leaves on the trees to better evaluate the sight lines while vegetation is present.

SubTasks:

- a. Visit each crossing to document the existing conditions;
- b. Quantify the number of parcels within a 1,600' radius of each grade crossing, to develop an estimated amount of noise receptors that experience 80+ decibel noise levels
- c. Identify the improvements necessary to meet the minimum requirements for a crossing within a Quiet Zone;
- d. Estimate the cost of the necessary improvements;
- e. Request high level input from MNNR; and
- f. Calculate the estimated Quiet Zone Risk Index, utilizing the available information.

Deliverables: The deliverables for this task will include:

- Create an existing condition exhibits for each crossing;
- Provide an ESRI file geodatabase containing information for each grade crossing; and
- Meet with the City to discuss the compiled crossing information.

Assumptions:

- The City will provide traffic counts;
- The City will provide any required GIS standards; and
- The City will identify and lead the initial coordination with private crossing owners.

Task 2 –Diagnostic Field Meeting (estimated 10 grade crossings)

FRA rules require accurate data, which makes a formal evaluation of all the existing crossings through the corridor the foundation of implementing a Quiet Zone. A field diagnostic meeting allows for each of the grade crossings, which impact the residents of Roseville along the MNNR corridor, to have their unique characteristics evaluated individually. Due to the traffic related considerations, it is typical for diagnostic meetings to be held when there is no snow cover.

SubTasks:

- a. Compile and distribute information to be reviewed and discussed at the diagnostic meeting;
- b. Confirm relevant data within the applicable US DOT Crossing Inventory Forms; and
- c. Request applicable grade crossing inventory data updates from the applicable stakeholders.

Deliverables: The deliverables for this task will include:

- Provide an Esri file geodatabase containing updated information for each grade crossing; and
- Coordinate, schedule and conduct a diagnostic field review with the applicable stakeholders; and
- Compile a diagnostic meeting summary memo.

Task 3 – Analysis

Successful implementation of a Quiet Zone will require careful consideration of improvements including crossing closures, raised medians, signal improvements, traffic pattern changes and future development.

SubTasks:

- a. Develop up to three improvement scenarios for each crossing;
- b. Evaluate risk for each improvement scenario;
- c. Evaluate impacts of proposed improvements to adjacent roads, trails, and development plans;
- d. Prepare preliminary cost estimates for the preferred improvements; and
- e. Evaluate phasing options.

Marc Culver
 September 6, 2019
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Deliverables: The deliverables for this task will include:

- Meeting with City to select the preferred improvement scenario.

Task 4 – Final Report & Presentation

The final report and presentation will outline the findings associated with the above tasks.

Deliverables: The deliverables for this task will include:

- Deliver a presentation of results to City staff or Council; and
- Prepare a written report to summarize; the train rule, the completed analysis for each crossing, select recommended options for each crossing, and a discussion of the next steps.

Additional Services: Additional Services if needed or requested, are services that are not included as part of the scope of services provided above. If the City of Roseville wishes for SEH to perform any Additional Services, the City of Roseville shall so request in writing. SEH will be paid based on SEH's then current hourly rates, or based on a supplemental agreement between SEH and the City of Roseville.

PROFESSIONAL FEE SCHEDULE

Task 1 Data Collection & Initial Assessment	\$ 9,800
Task 2 Diagnostic Field Meeting	\$ 5,400
Task 3 Analysis	\$ 6,250
Task 4 Final Report & Presentation	\$ 4,650
Total Professional Fees	\$ 27,100

Professional Fee: Each of these tasks will only be implemented as directed by city staff. We will invoice for our efforts up to a not to exceed amount of \$27,100, if all of the tasks were authorized. SEH will only begin work on any project tasks with the City's written approval. The typical amount of time to complete tasks 1-4 is 6 months. The included Quiet Zone work flow chart will further illustrate how the work breakdown tasks relate to the process.

This letter agreement represents the entire understanding between the City of Roseville and SEH for the above proposed services. If you are in agreement with the terms of this letter, please send a copy of the City of Roseville Standard Agreement for Professional Services referencing this letter for SEH personnel signatures

We look forward to working with you, your staff and the community on this project. Thank you for this opportunity for SEH to continue to work with the City of Roseville, I can be reached at (651) 802-4067, or jcotter@sehinc.com, to address any inquiries.

Sincerely,

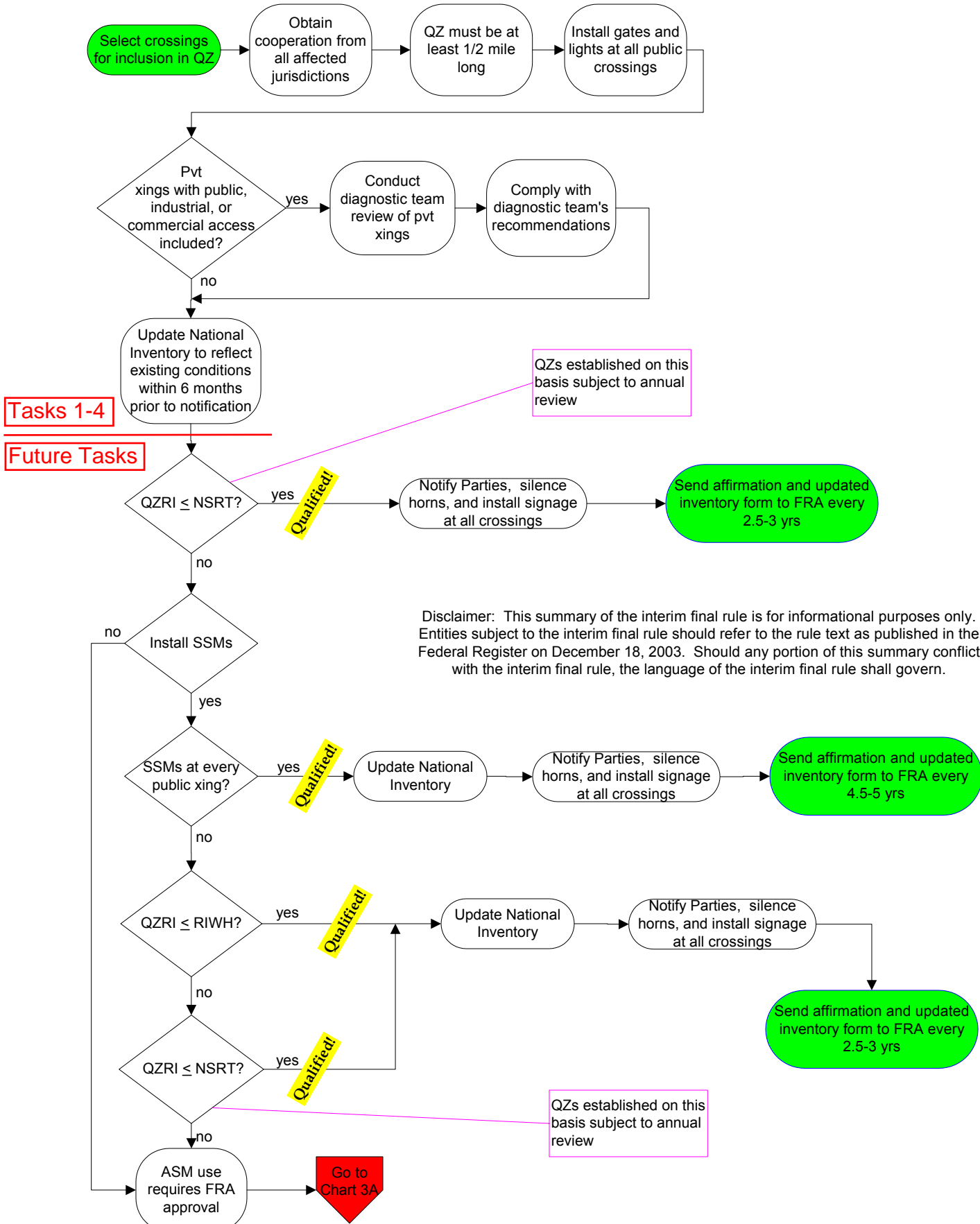
Josh Cotter, P.E.
 Railroad Project Manager

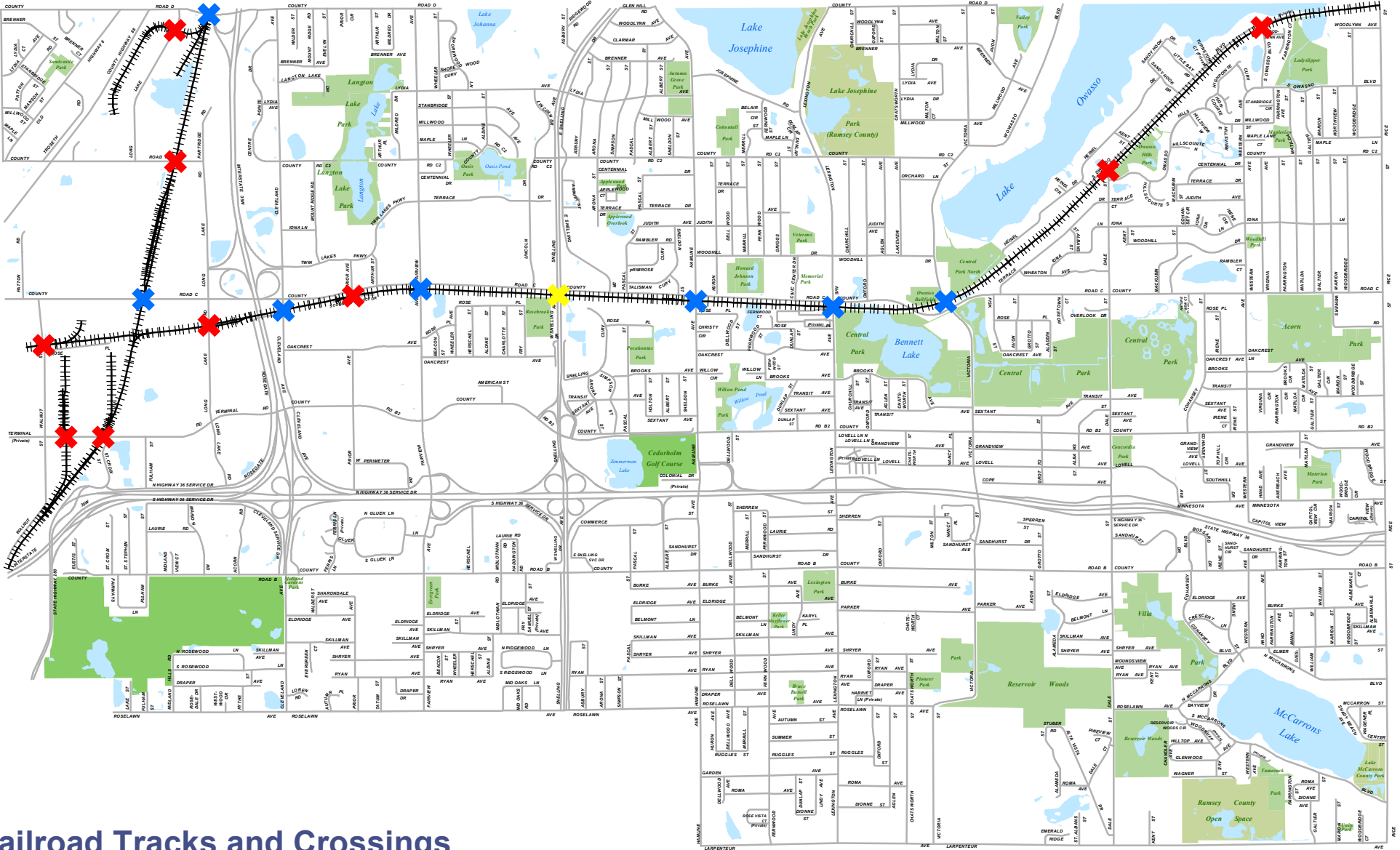
Enclosure:

Quiet Zone Flow Chart
 Tentative Schedule

c: Lindsey Roberts McKenzie

Chart 2 - Creating a New Quiet Zone using SSMs





Railroad Tracks and Crossings

- X City Railroad Crossing
- X County Railroad Crossing
- X State Railroad Crossing
- ||||||| Railroad Tracks

ROSEVILLE
 Prepared by:
 Engineering Department
 September 17, 2019

Data Sources and Contacts:
 Ramsey County GIS Base Map (8/4/19)
 City of Roseville Engineering Department
 For further information regarding the contents of this map contact:
 City of Roseville, Engineering Department,
 2650 Civic Drive Dr, Roseville, MN

DISCLAIMER
 This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data provided to various city, county, state and federal offices and other sources regarding the area shown, and to be used for informational purposes only. The City does not warrant the accuracy, reliability or completeness of the information contained in this map. This map may be used for informational purposes only and the City does not warrant that the GIS Data can be used for navigational, banking or any other purposes requiring exacting measurements of distance or direction or accuracy. The City disclaims any liability for any damages, and agrees to defend, indemnify, and hold harmless the City from any and all claims brought by user, its employees or agents, or third parties which arise out of the user's access or use of this product.

0 500 1000 1500 2000 Feet
 map: RailroadTracksCrossings.mxd
 map: RailroadTracksCrossings.pdf