## Quiet Zones BNSF Line

City Council<br>Meeting Date: January 6, 2019

## Presented by

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## Background

- March 2017 - Council directs Staff to look at Feasibility of Quiet Zones
- April 2018 - Staff receives two (2) proposal for study
- June 2018 - Staff presents proposals to Council
- July 2018 - Proposals are resubmitted with reduced scope
- November 2018 - Council Awards Contract for Feasibility Study


## Consultant Scope

- Quiet Zone Feasibility Study
- Evaluate Existing Conditions
- Traffic Counts and Sound Study
- Potential Safety Improvements
- Stakeholder Coordination - Diagnostic Meeting
- Safety Measure Evaluation
- Funding Research
- Environmental Review
- Draft and Final Feasibility Study
- Quiet Zone Establishment
- Notice of Intent Package
- Crossing Improvement Exhibits


# What is a Quiet Zone? 

- Stretch of Track where Train Horns are not Required
- Exceptions include:
- Emergencies
- Person on Track
- Workers within 25 feet of Track



# Supplemental Safety Measures 

- 14 Supplemental Safety Measures (SSM) established by FRA
- What are Supplemental Safety Measures
- SSM \#13 - Non-Transversable Curb Medians with or without Channelization Devices
- SSM for 5 of 8 crossings is \#13



## Crossings

## State Route 59, Bear Creek, K St. Canal St., M St.,

 and R St.- SR 59 Project Except Signage (Est. \$20,000)
- Bear Creek (Est. \$120,000)
- Install Pedestrian Barriers
- Install Asphalt Dikes
- Canal Street (Est. \$180,000)
- Eliminate / Relocate Post Office Driveway
- Install Pedestrian Barriers
- Sidewalks to be ADA
- M Street (Est. \$110,000)
- Sidewalks to be ADA
- R Street (Est. \$130,000)
- Residential Driveway to be Right In / Right Out
- Install Barriers on East Side of Crossing
- Sidewalks to be ADA


## Crossings

## State Route 59, Bear Creek, K St., Canal St., M St., and R St.



## Crossings U Street (Est. \$90,000)

- No Supplemental Safety Measures
- Recommendations for Enhanced Safety
- Install Fencing Along Corridor
- Sidewalks to ADA on east, Removal of west sidewalk
- BNSF and FRA Recommend Closure (U Street)
- BNSF may contribute to fencing if closed


## Crossings

 U Street

## Crossings Glen Avenue (Est. \$150,000)

- No Supplemental Safety Measures
- Traffic Study and Signalization
- Adjust Striping
- Relocate North bound Stop Bar
- Install Fencing
- Sidewalks to be ADA
- 3-Way Stop or 4-Way Stop With Median


## Crossings

Glen Avenue


## Crossings

Glen Avenue


## Summary of Costs

| Intersection |  |
| :--- | ---: |
| Highway 59 | $\$ 20,000$ |
| Bear Creek | $\$ 120,000$ |
| Canal Street | $\$ 180,000$ |
| M Street | $\$ 110,000$ |
| R Street | $\$ 130,000$ |
| U Street | $\$ 90,000$ |
| Glen Avenue | $\$ 150,000$ |
| Total Estimated Cost | $\$ 800,000$ |

## Additional Comments

- Pedestrian Fencing entire Corridor Est \$1.6MM
- Amtrak to Blow Horn Entering and Leaving Station
- FRA Quiet Zone Indicator
- Liability to the City


## The Process

- PRELIMINARY PLANNING - Completed
- Update Crossing Information
- Participate in Diagnostic Review
- Quiet Zone Eligibility - FRA Quiet Zone Indicator
- Identify any Private or Pedestrian Crossings
- Prepare Estimates


## Next Steps

- Determine Funding Sources
- Grants, Railroad, Local
- Determine Which Crossings
- Identify Supplemental Safety Measure (SSM) for Each Crossing
- Identify Funding to Implement SSMs
- Coordinate with the Railroad for final Approval

