



CITY OF BELFAST

131 Church Street
Belfast, Maine 04915

Erin Herbig
City Manager

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MANAGER'S REPORT
Belfast City Council Meeting
Tuesday, February 4, 2025

6:00 p.m. Request to go into an Executive Session on a Legal Matter with the City Attorney pursuant to 1 M.R.S.A. 405 (6) E.

7:00 p.m. Regular Council Meeting

TO: Mayor Eric Sanders and Honorable Members of Belfast City Council

FROM: Erin Herbig, City Manager

DATE: Thursday, January 30, 2025

Agenda Items:

10-A Authorization for an expenditure from the Keep the Faith Fund in response to a fire at 75 Wight Street.

On Tuesday, January 28th, a fire occurred at the 24-unit apartment complex at 75 Wight Street, also known as Penobscot Landing. All residents, staff and emergency responders were unharmed.

Building conditions required all residents to leave the building as the sprinkler system was reset, the water damage and flooding was addressed, and the electrical integrity of the building was verified.

The City of Belfast worked with residents, property owners and the Red Cross to provide temporary shelter and food to the displaced residents.

If approved by the City Council, I recommend a motion be made to authorize an expenditure from account G 1-2326-00 Keep the Faith Fund. This account has a current balance of \$51,323.15.

I will be at the meeting to present and answer any questions.

10-B Further discussion and possible action on election polling locations.

This item was initially discussed at the January 21st Regular City Council Meeting. The item was tabled until the February 4th meeting to allow time for public input before further discussion and possible action.

At the November 21, 2023, City Council Meeting, the Council voted to support a proposal from the City Clerk to host elections for Wards 1-4 at the Tarratine Hall beginning in March 2024. This transition proved successful for the 2024 March Primary, the 2024 June election, and the 2024 November Presidential election. Many factors make this site a great fit as a polling location such as its size and location, as well as the added benefits of safety, parking, accessibility, and improved election staffing.

Having two polling locations is incredibly unusual in current elections. In Maine, Belfast is only one of six communities that still have more than one location.

Although having two polling locations has suited the City of Belfast, having a single polling location greatly ensures both physical and cyber security infrastructure without a municipality

having to incur any additional costs. City staff and election workers agree and recommend the combination of the Ward 5 polling location with Wards 1-4 at the Tarratine Hall starting in June 2025.

City Clerk Angie Crosby and Deputy Clerk Andrew Legacy will be at the meeting to answer any questions.

10-C Request from the Public Works Director for authorization for an expenditure to purchase an excavator.

The Public Works Department needs to replace our excavator. This piece of equipment is vital to the Department's operations. Funding was allocated for this purchase in the FY 2024-25 Municipal Budget. The cost from Central Equipment Co. for the Develon DX 100 w-7 Compact Rubber Tired Excavator is \$157,473.00. City staff were able to negotiate a trade in of a 2012 J.D. Backhoe and a 1999 Champion Grader that were no longer in commission and taking up valuable space. This brought the total purchase cost down to \$107,473.00. At this time, the Public Works Director seeks Council approval to utilize funds from the Department's Purchase of Equipment Account #410-535. This account has a current balance of \$172,675.00.

If approved by the City Council, the Public Works Director requests a motion be made to expend up to \$107, 473.00, including a trade in of a 2012 J.D. Backhoe and a 1999 Champion Grader, from the Public Works Department's Purchase of Equipment Account #410-535.

Please see the attached memo (10-C) from Public Works Director Kip Faulkner providing further detail. Director Faulkner will be at the meeting to present and answer any questions.

10-D Request from the Public Works Director for authorization for an expenditure to purchase supplies to build new downtown trash boxes.

Last summer it became apparent that the downtown trash boxes would need to be replaced due to wear, in addition to the need to be able to properly support the new Our Town Belfast directional signage.

Public Works Director Kip Faulkner got quotes for the needed supplies to complete this project, which his crew will work on when snow removal and sanding is not the top priority this winter. This will ensure the project is completed in time for spring. Director Faulkner is recommending that the Council approve the purchase quote for primed lumber.

If approved by the City Council, Public Works Director Kip Faulkner requests a motion be made to expend up to \$4,195.99 for the supplies, including primed lumber, to rebuild the downtown trash boxes from the Public Works Sidewalk Reserve Account #420-902. This account has a current balance of \$43,532.92.

Please see the attached memo (10-D) from Public Works Director Kip Faulkner providing further detail. Director Faulkner will be at the meeting to present and answer any questions.

10-E Request from the Code Enforcement Officer to pursue Rule 80K action in District Court to enforce the Dangerous Building Statute and Property Maintenance Code Violations concerning the condemned building located at 333 High Street.

333 High Street is a property that previously served as the New Covenant Apostolic Church from 2002 until it was sold in 2010. James Constable purchased the property in 2011 under the name of 333 High Street LLC. The building has been primarily empty and unmaintained with the exception of a 2011 electrical service upgrade.

In 2022, City Code Enforcement Officer (CEO) Steve Wilson issued a violation notice for exterior property maintenance violations. He received a letter from the attorney for 333 High Street LLC detailing additional unpermitted work performed on the site including electrical work as well as door and window replacements.

CEO Wilson was allowed to conduct a full interior inspection with the LLC's engineer, John Rand, on March 20, 2024. During the full inspection he observed additional electric work performed after the service upgrade and excessive rot in main basement timbers, failing foundation and non-compliant unpermitted plumbing throughout the structure.

The LLC provided a copy of the required engineers report dated April 3, 2024, which details foundation and exterior surface drainage issues, ventilation issues, dry rot in timbers, lack of proper support, and mold. The report's findings show the home represents a "significant life safety hazard to occupants" and recommends a comprehensive structural repair/replacement plan be developed and implemented within the next eight months. The report also warns that until the walls of the home are opened, it will be impossible to foresee additional structural issues that may be present.

It is now more than eight months later, and no progress has been made to improve the health and safety of the building. The foundation and structure have continued to deteriorate and fail during this time.

If approved by the City Council, Code Enforcement Officer Steve Wilson recommends that a motion is made to pursue Rule 80K action in District Court to enforce the Dangerous Building Statute and Property Maintenance Code Violations and seek a Court Order that the building be brought into a safe condition or demolished.

Please see the attached memo and supporting documents (10-E) from Code Enforcement Officer Steve Wilson explaining the request in further detail. CEO Wilson and Director Bub Fournier will be at the meeting to answer any questions.

10-F Presentation on proposed amendments to the City Code of Ordinances, Residential 5 and Residential 6 Zoning District Map adjustment to accommodate increased housing opportunities.

The Residential 5 and Residential 6 zoning districts were created in 2022 as part of the comprehensive Outside Rural Ordinance Amendments.

In 2022, the Planning Board sought ways to increase housing opportunities and identified the area along Robbins Road as having the potential for additional housing because it was served by City sewer and consisted of many smaller lots. The Board identified the potential for increased housing, including multi-family dwellings, in this area with the creation of the Residential 5 zoning district. The City Council adopted the new multi-family and flex housing standards for the east side (away from the water) of Robbins Road only due to Shoreland Zoning Restrictions. Additionally, the Planning Board proposed, and the City Council adopted, no changes for multi-family or flex housing development Regarding the Residential 6 zoning district.

Staff are bringing the current proposal to the City Council after unanimous support by the Planning Board concurrent with the duly noticed public hearing on January 8, 2025. Staff had brought the proposal to the Board after discussions with the subject property owner in regard to increasing housing opportunities. The proposal includes a minor reconfiguration of the Residential 5 and 6 zoning districts to facilitate increased housing opportunities. In the proposal, 3 parcels identified as Map 18 Lots 48, 49, and 50, would be rezoned from Residential 5 to Residential 6. This proposed map amendment would allow the potential for additional housing in the form of either multi-family housing or a “flex housing” approach.

No City Council action is needed for this agenda item as this is strictly a presentation regarding the proposed amendments.

Please see the attached memo and proposed amendments (10-F and G) from Director of Code and Planning Bub Fournier explaining the request in further detail. Director Fournier will be at the meeting to present.

10-G First Reading on proposed amendments to the City Code of Ordinances, Residential 5 and Residential 6 Zoning District Map adjustment to accommodate increased housing opportunities.

This is a First Reading. At this time, the City Council may discuss, amend, table, or approve the First Reading of the proposed amended ordinance.

If approved by the City Council, Director of Code and Planning Bub Fournier recommends that a motion is made to approve the First Reading of proposed amendments to the City Code of Ordinances, Residential 5 and Residential 6 Zoning District Map adjustment to accommodate increased housing opportunities and to schedule the Second Reading and Public Hearing for an upcoming Regular City Council Meeting.

Please see the attached memo and proposed amendments (10-F and G) from Director of Code and Planning Bub Fournier explaining the request in further detail. Director Fournier will be at the meeting to answer any questions.

10-H Request for approval of a Facility Use Request by the Belfast Academy of Dance on Saturday, February 22nd.

This request is for approval of a Facility Use Request for use of the sidewalk in front of Alexia's Pizza so that the Belfast Academy of Dance can host a hot chocolate stand to fundraise for their dance teams. This event is scheduled during the Annual Belfast Ice Festival on Saturday, February 22nd from 11:00 a.m. to 2:00 p.m.

The owners of Alexia's Pizza have provided a letter of support included as part of their application.

Please see the attached memo and completed Facility Use Application (10-H) from Parks and Recreation Director Pam Salokangas explaining the request in further detail. Director Salokangas will be at the meeting to present and answer any questions.

10-I Request by the Airport Manager to submit a letter of support for LD 138, An Act to Exempt Airports from Certain State Endangered and Threatened Species Habitat Protections.

LD 138 has been crafted to exempt all Maine Airports from the Maine Endangered and Threatened Species habitat requirements.

The Belfast Airport Committee and City staff have worked to minimize wildlife safety concerns over the past several years. This has been succeeded primarily through vegetation habitat management.

Federal Grant Assurance obligations include specific requirements to operate and maintain the Airport in a safe and serviceable condition, mitigate hazards to airspace, and use airport revenue properly. Encouraging wildlife habitat is contrary to all of these items and our Airport cannot foster safety while encouraging the presence of wildlife.

If approved by the City Council, the Airport Manager requests that a motion be to submit a letter of support for LD 138, An Act to Exempt Airports from Certain State Endangered and Threatened Species Habitat Protections to the State Legislative Committee that oversees this matter in addition to members of our State Legislative Delegation.

Please see the attached memo (10-I) from Airport Manager Kenn Ortmann providing further details as well as draft letter of support for LD 138 to be submitted on behalf of the City Council to appropriate members of State Legislature. Airport Manager Ortmann will be at the meeting to present and answer any questions.

10-J Request by the Airport Manager to authorize the submission of a grant application to the Federal Aviation Administration (FAA) to pay for 95% of Phase 2 of the Airport Master Plan update.

Following an Independent Fee Evaluation process, the City Council approved a \$272,950 contract with McFarland Johnson to complete the Airport Master Plan update process over a two-year period. The City received the 90% FAA portion, in the amount of \$133,245, for Phase 1 following City Council approval February 20, 2024.

Pursuant to “H.R.3935 - FAA Reauthorization Act of 2024, SEC. 708. Updating United States Government's Share of Project Costs, Section 47109 of title 49, United States Code, is amended by adding at the end the following: (h) Special Rule for Fiscal Years 2025 and 2026.-- Notwithstanding subsection (a), the Government's share of allowable project costs for a grant made to a nonhub or nonprimary airport in each of fiscal years 2025 and 2026 shall be 95 percent.”, City staff request 95% of the Phase 2 cost in the amount of \$118,655.

The Airport Master Plan Updated will serve to inform the City of Belfast and the Municipal Airport regarding future operations.

The Airport Advisory Committee and Airport Manager Kenn Ortmann plan to conduct multiple meetings, with invitations to airport neighbors and abutters, to ensure their thoughts, ideas, issues, and concerns are incorporated into this update process.

If approved by the City Council, the Airport Manager requests that a motion is made to authorize the submission of an application, by March 3, 2025, to the FAA for 2025 Airport Improvement Program (AIP) federal funding assistance in the amount of \$118,655 for Phase 2 of the project entitled Airport Master Plan Update, and authorize the City Manager to sign any necessary documents as part of that submission.

Please see the attached memo (10-J) from Airport Manager Kenn Ortmann providing further detail. Airport Manager Ortmann will be at the meeting to present and answer any questions.

10-K Request for approval of a draft letter to Maine Department of Transportation (MDOT) regarding a request to lower the speed limit to 40-mph on Route.

At the August 20, 2024, Regular Council Meeting, Councilor Bitely reviewed the request from a Belfast resident for consideration of a draft letter to be sent to MDOT requesting a reduced speed limit on Route 137 (Waterville Road) between the intersection with Route 7 and the intersection with Marsh Road in Belfast.

At that same meeting, Police Chief Bobby Cormier and Officer Ethan Fitzjurls reviewed the speed data that had been collected by the Police Department to help inform the Council's decision. The City Council unanimously agreed to submit a letter to MDOT requesting a reduced speed limit from 50-mph to 40-mph on that section of Route 137 (Waterville Road) between the intersection with Route 7 and the intersection with Marsh Road. This represents approximately 1.6 miles of road in Belfast. want to encourage the growth of residential housing and respond to the concerns of current residents.

Councilor Bitely has drafted a letter for consideration. Please see the attached draft letter (10-K). If approved by the City Council, City staff will submit the letter to an appropriate contact at MDOT.

10-L Signing of Council Orders

Winter is starting to settle in as we have recently seen extreme cold temperatures and our first snowfall. This can be a hard time of year for many as we all grapple with less daylight, frigid temperatures, and unpredictable weather.

While most of us certainly long for spring, it is important to remember how fortunate we are to live in a community that comes together and celebrates all our City has to offer even in the coldest months of the year.

This Saturday, February 1st the Annual Cabin Fever Reliever Sale will take place. Many local businesses will be offering great deals on clothing, housewares, toys, books, crafts, specialty foods, and much more all day long. The event is a great opportunity to shop locally and support our downtown businesses which are owned by our neighbors and our friends.

On February 21st through February 23rd, 2025, I encourage everyone to come out for the Annual Belfast Ice Festival and State of Maine Ice Carving Championship. Take a walk downtown and visit the ice sculptures that will be located throughout downtown Belfast or participate in one of the many outdoor activities offered. If you need to warm up, take a break and have a drink at one of the ice bars, have a meal at one of our wonderful local restaurants, or visit our many year-round shops. This event is another wonderful opportunity to enjoy our community, no matter what the weather.

**City of Belfast
Consent Agenda
Tuesday, February 4, 2025
Meeting #15**

The following items are proposed as our Consent Agenda. As in the past the items are voted on in one blanket motion to the affirmative. One Councilor makes a motion to approve the items as stated, and then another Councilor will second that motion and the whole Council votes. If a Councilor requests an item be removed from the consent agenda, they do so during the adoption of the agenda. If a member of the public requests that an item be removed from the consent agenda, they can do so in the open to the public section. Suggested motions are listed and supporting material is enclosed.

9) Permits, Petitions and Licenses - Consent Agenda

- A. Request to approve an extension of liquor license application for Darby's Inc. d/b/a Darby's Restaurant and Pub located at 155 High Street, Belfast, Maine to extend the capacity of their property to the sidewalk/parking spaces for an ice bar as part of the Belfast Ice Festival on February 21, 2025, through February 23, 2025.**

Motion to approve an extension of liquor license application for Darby's Inc. d/b/a Darby's Restaurant and Pub located at 155 High Street, Belfast, Maine to extend the capacity of their property to the sidewalk/parking spaces for an ice bar as part of the Belfast Ice Festival on February 21, 2025, through February 23, 2025.

10. C

Date 1-27-2025

To: Mayor, City Council,
City Manager, Erin Herbig

From: Kip Faulkner
Public Works Director

Re: Develon DX 100w-7 Compact Rubber Tired Excavator

I would like permission to purchase a Develon Rubber Tired Excavator for 157,473.00 from Central Equipment Co. The money was allocated in this current budget, Purchase of Equipment, account # 410-535 we are trading in a 2012 J.D. backhoe and a 1999 Champion Grader. Final cost \$ 107,473.00

Thank you,
Kip Faulkner

Trash Boxes

10.D

56 4x8 sheets of T1-11 \$ 59.95 a sheet primed \$ 3,357.20 non primed \$57.85 a sheet \$ 3,239.60

72 2x4x8 \$3.89 each \$ 280.08

bundle of strapping \$119.76

36 hinges \$ 7.99 each \$ 287.64

3 in. screws 2 boxes \$ 64.00

1 ¼ in. screws 2 boxes \$64.00

18 eye hooks \$ 23.31

primed total = \$ 4,195.99

non primed total = \$ 4,078.39

10.E



CITY OF BELFAST, MAINE 04915
131 Church Street

CODE ENFORCEMENT OFFICE

Phone: (207) 338-3370 ext.125
Fax: (207)338-2149
Email: ceo@cityofbelfast.org

MEMORANDUM

DATE: January 9, 2025

TO: Belfast Mayor, City Council, City Manager

FROM: Stephen Wilson, Code Enforcement Officer

Re: 333 High Street Dangerous Building.

Background Information:

333 High St is a property that was purchased in 2002 then occupied as the New Covenant Apostolic Church until sold to Robert and Debra Richey in 2010. Mr. Constable purchased the property from the Richey's in 2011 under the name of 333 High Street LLC, and it has been primarily empty and unmaintained except for an electrical service upgrade in 2011 and some siding and painting in 2022. Any other work was performed without proper permitting and inspection.

In 2022 I issued a violation notice for exterior property maintenance violations. I received a letter from the attorney for 333 High St. detailing unpermitted work performed on the site including electrical and door and window replacements. Once receiving the letter I updated the violation notice to include this unpermitted work and resent it.

I was allowed a full interior inspection with the LLC's engineer, John Rand on March 20, 2024. During the full inspection I observed additional electric work performed after the service upgrade and also excessive rot in main basement timbers, failing foundation and non-compliant unpermitted plumbing throughout the structure.

The LLC provided a copy of the required engineers report dated April 3, 2024 which details foundation and exterior surface drainage issues, ventilation issues, dry rot in timbers, lack of proper support, and mold. The report's findings show the home represents a "significant life safety hazard to occupants" and recommends a comprehensive structural repair/replacement plan be developed and implemented within the next 8 months. The report also warns that until the walls of the home are opened, it will be impossible to foresee additional structural issues that may be present. We are now more than 8 months later and no progress has been made except a site visit with a contractor that was requested to evaluate doing much less work than was defined in the report. We never received a proposed scope of work from that contractor.

I have worked with the sole member and owner of 333 High St., LLC, James Constable, since 2022 and have had no significant action other than denial and some minor siding and painting. The foundation and structure have continued to deteriorate and fail during this time, and I have a log of photos, letters, and emails over the past 2+ years and to date no significant repairs have been made.

Requested Action: I request that the City Council consider, discuss, and allow legal staff with the code officer to pursue a Rule 80K action in District court to enforce the dangerous building statute and Property Maintenance Code violations and seek an order that the building be brought into a safe condition or demolished.









April 3, 2024

James Constable
Homeowner
23 Barnard Road
Belmont, Massachusetts 02478

Via Email: jeconstable847@gmail.com
Property: **333 High Street, Belfast, Maine**
Service: Limited Visual Inspection
Project No.: RE-24010

Dear Mr. Constable,

As requested, Criterium Brown/Rand Engineers has completed a limited visual inspection. We submit our confidential report herewith for your review and use.

We trust our report contains all information required at this time. Please contact us at (207) 480-1110 to discuss any questions or to direct follow up activity.

Criterium Brown/Rand Engineers appreciates this opportunity to assist you. Thank you.

Regards,

John Rand
President/Owner
Criterium Brown/Rand Engineers

LIMITED STRUCTURAL INVESTIGATION

**333 High Street
Belfast, Maine 04915**

Prepared for:

James Constable

23 Barnard Road

Belmont, Massachusetts 02478



Prepared by:



**10 Carlson Drive,
Manchester, ME 04351
(207) 480-1110**

Walk-Through Survey performed March 20, 2024

Submitted April 3, 2024

1.0 INTRODUCTION

At your request, Criterium Brown/Rand Engineers is pleased to provide a limited inspection of the above property located at 333 High Street, in Belfast, Maine on March 20, 2024. The weather at the time of the inspection was temperatures in the 40's and overcast skies.

The primary purpose of our inspection, and this report, is to develop an opinion as to the structural integrity of the foundation of the building.

This inspection was performed by, and this report written by John Rand, President/Owner of Criterium Brown/Rand Engineers. Further, this report has been reviewed by David Rice, P.E. (ME), Senior Engineer of Criterium Brown/Rand Engineers.

We were met onsite by the City of Belfast Code Enforcement Officer, Stephen Wilson as well as two other code officials from the City of Belfast.

2.0 STANDARDS AND LIMITATIONS

Our inspection report is limited to observations made from visual evidence.

Our inspection and report have been conducted consistent with that level of care and skill that is ordinarily exercised by members of the profession providing the same services under similar conditions at the time the services are performed.

Our report is an opinion about the condition of this portion of the building. It is based on evidence available during a diligent inspection of all reasonably accessible areas. No surface materials were removed, no destructive testing undertaken, and no furnishings moved.

Our evaluation of this structure is based on many indirect observations. We look for cracks, bulges and other evidence of distress or deterioration to help us evaluate the condition. As with any limited inspection, it is possible that there are structural deficiencies that cannot be known.

3.0 DESCRIPTION

This building is a two story structure with wood clapboard siding on the exterior walls and a composite asphalt shingle roof surfacing.

According to the City of Belfast, this home was originally constructed in 1870's.

There is a full basement below the major portion of this home with a small crawlspace toward the back right corner of the home. Additionally, there is a small inaccessible crawlspace at the back of the building.

For the purposes of this report, the orientation of the building (front, left, right, rear, etc.) will be from the perspective of a person standing on High Street and facing the building.



Front of house

4.0 OBSERVATIONS & DISCUSSION

In July 2021, the State of Maine adopted the 2015 International Residential Code (IRC). As such, our reference for this discussion is the 2015 IRC with MUBEC amendments; referred to as 2015 MUBEC IRC throughout this report.

For the purposes of this inspection and report, our discussion is based from observations made only in the accessible areas below the main house. We offer no opinion on the inaccessible crawlspace in the rear portion of the home.

The structure of a home is a system that includes many components. For the purposes of this inspection and report, our review of the foundation walls below this home also includes other supporting features of the home including vertical support columns and wood framing members.

4.1 FOUNDATION WALLS

While the foundation in the back left corner of the home has some concrete foundation walls, the foundation below the main portion of this home is comprised of stone.

It was reported during our inspection that the home has not been heated for several years.

Much of the exterior grade immediately adjacent to the foundation walls around the main portion of the home provide an opportunity for water ponding, or otherwise does not appear to shed water properly. This condition can result in soils that contain a high moisture content and can be very susceptible to freeze/thaw cycles, particularly in unheated buildings.

Most of the interior surfaces of these foundation walls have significant evidence of water penetration through the wall.

According to the 2015 IRC: **R401.3 Drainage.** *Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection that does not create a hazard. Lots shall be graded to drain surface water away from foundation walls. The grade shall fall a minimum of 6 inches (152 mm) within the first 10 feet (3048 mm).*

Exception: *Where lot lines, walls, slopes or other physical barriers prohibit 6 inches (152 mm) of fall within 10 feet (3048 mm), drains or swales shall be constructed to ensure drainage away from the structure. Impervious surfaces within 10 feet (3048 mm) of the building foundation shall be sloped a minimum of 2 percent away from the building.*

Freeze/thaw cycles can create lateral forces that can be detrimental to any foundation wall, but particularly stone foundation walls. This foundation is no different. Many of the stone foundation walls of this building have experienced lateral movement, some more than others.

The foundation wall along the left side of the home has experienced significant lateral movement toward the interior of the basement. This area of the foundation wall is forcing a shift in the basement access stairway and is providing very little (or no) support to this side of the home. There is a visible sag in the building lines immediately above this area.

There is significant lateral inward movement of the interior stone foundation wall that generally runs from the back half of the basement toward the back of the home. This shift also is causing a shift in the rear basement stairs.

To a lesser degree than others, the foundation wall along the right side of the home also appears to have shifted toward the interior of the basement.

The foundation below the ell at the front left corner of the building is located immediately below a valley in the roof structure. Immediately adjacent to the foundation wall in this area appears to be a significant drip-line impact area that provides an opportunity for water ponding. The foundation wall in this area, on both the interior and exterior, appear to have stone that appear to have dropped out of the wall. On the interior of the basement several of these stone are present and lay on the earth floor, on the exterior of the basement the stones are missing.

Several locations of the foundation walls on both the interior and exterior contain loosely placed stone and stone fragments. While there are some areas of the foundation walls mortar within the stone joints, most areas of the foundation wall have missing or significantly deteriorated mortar.

4.2 ADDITIONAL COMMENTS

Ventilation is very important for all buildings. Basement or crawl space ventilation is needed to remove ground moisture. Good ventilation yields a healthier living environment as well, as it reduces the accumulation of offensive and/or toxic fumes.

The ventilation in the basement of this home appears to be inadequate. The minimum amount of ventilation should be one square foot of free vent area for each 150 square feet of floor area.

We noted many of the first-floor-level framing members contain significant deterioration due to "Dry Rot". "Dry rot" is an inaccurately named condition caused by decay fungi that grows and develops under moist wood conditions (moisture content greater than 20 percent) and moderate to warm temperatures. The decay fungi are microscopic plants that feed on the contents of the wood cells causing it to disintegrate. If the moist conditions are removed, the fungi cannot grow and further decay will be arrested.

Additionally, the floor of the basement is earth and is not equipped with a vapor barrier.

According to the 2015 IRC: **R408.1 Ventilation.** *The under-floor space between the bottom of the floor joists and the earth under any building (except space occupied by a basement) shall have ventilation openings through foundation walls or exterior walls. The minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m²) for each 150 square feet (14 m²) of under-floor space area, unless the ground surface is covered by a Class 1 vapor retarder material. Where a Class 1 vapor retarder material is used, the minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m²) for each 1,500 square feet (140 m²) of under-floor space area. One such ventilating opening shall be within 3 feet (914 mm) of each corner of the building.*

While the foundation is equipped with windows, the lack of adequate ventilation and lack of vapor barrier on the floor of the basement have very likely been the major contributing factors to the high degree of deterioration in the wood framing members including many of the sills.

Further, most (or all) of the vertical support columns in the basement are intended for temporary use only. All of these vertical support columns are placed on inadequate footings and are sunk into the earth floor.

The floor of the basement near the rear access stairway was quite wet and soft at the time of our inspection. We noted an inactive dehumidifier and a sump. The installation of a sump pump suggests an active water entry condition.

Additionally, we noted microbial growth on the interior surfaces in at least one location in the living area on the first floor of the home.

5.0 RECOMMENDATIONS

1. Survey all the wood framing members (including the sills) in the basement of the home to determine all areas of significant repair or replacement due to rot.

2. The temporary jacking columns tend to fail rapidly in fire events, and are not permitted for permanent use unless specifically manufactured and installed for permanent use. All the jacking columns used here should be replaced with concrete filled permanent columns. These columns should rest on adequately sized concrete footings. These footings can include the use of the standard precast round footings.
3. Replace the foundation below the main portion of the home with a cast-in-place concrete foundation. It is our opinion that there are few areas of the existing foundation that are adequate for tying in a foundation repair. The foundation should be equipped with ventilation openings adequately sized and correctly located to allow for adequate basement ventilation.
4. We recommend that you cover the earth floor with a moisture barrier material (polyethylene is commonly used) to help keep the dampness away from the framing. We also suggest that you cover the barrier with crushed stone or concrete to hold it in place and to help protect it.
5. Regrade areas around the home to positively force moisture away from the foundation walls.
6. Remediate the microbial growth on the interior surfaces of the home.

With any modifications or repairs, we recommend engaging the services of a qualified contractor that is experienced with repairs to older homes similar to what we have recommended for this home.

6.0 CONCLUSION

It is our opinion that many areas of the foundation have experienced lateral shifting that is most likely caused by freeze/thaw cycles in the adjacent soils. There is varying degrees of shifting with the worst located along the left side of the home.

There is very little structural integrity remaining in most areas of the stone foundation below the main portion of this home. The compromise condition of this foundation presents nearly no suitable location for an adequate repair and therefore, a cast-in-place concrete foundation is recommended.

The structural condition of the foundation and overall support system of this building is poor. The structure of any home is its backbone. To accomplish most of the work we recommend, a considerable investment of money and time will be required.

It is further our opinion, that this home represents a significant life safety hazard to occupants. It is our recommendation that a comprehensive structural repair/replacement plan be developed and implemented within the next 8 months. If these issues are not addressed, they will continue to worsen.

Please understand that with a house of this age, there may be significant problems that are not visible during an inspection that undertakes no destructive or exploratory actions. While such problems are common, they can also be expensive in terms of money and time. Every effort is made to determine the condition of the structure of this house. However, if you do undertake some work on this house, which involves removal of interior or exterior finish, etc., you should anticipate discovering some structural problems that will require immediate repair. This is part of the nature of an older home.

There is no one way to build, renovate or remodel a home. As a result, you may encounter contractors whose opinions about the condition of this home will differ from ours. We cannot be responsible for any action you may take based on those opinions unless we have the opportunity to review the situation and examine the relevant conditions before any repairs and/or modifications are made.

We hope that you will call if you have further questions concerning this report.

Respectfully submitted,



John Rand

President/Owner

Criterion Brown/Rand Engineers

Location:
333 High Street, Belfast, Maine
333 High Street
Belfast, ME

Photos taken by:
John Rand

Date:
March 20, 2024



Description:
Deteriorated and missing mortar between stones. Stone are loose and several stones have fallen out of place.

Photo Number
7



Description:
Stones on basement floor that have apparently fallen out of place.

Photo Number
8

Location:
333 High Street, Belfast, Maine
333 High Street
Belfast, ME

Photos taken by:
John Rand

Date:
March 20, 2024



Description:

Left foundation with very significant lateral shift toward the interior of the basement. This movement is pushing the basement stairway toward the interior of the basement.

Photo Number
11



Description:

Sill on top of deteriorated foundation wall has significant rot.

Photo Number
12

Location:
333 High Street, Belfast, Maine
333 High Street
Belfast, ME

Photos taken by:
John Rand

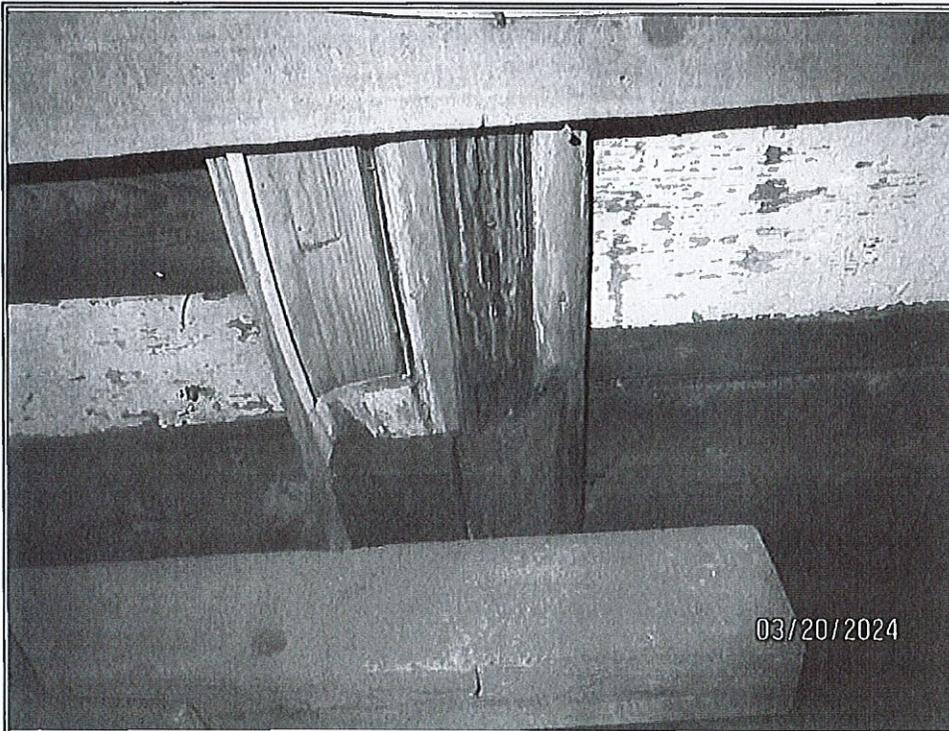
Date:
March 20, 2024



03/20/2024

Description:
Dry rot visible in many
main framing members.
One of several beams.

Photo Number
19



03/20/2024

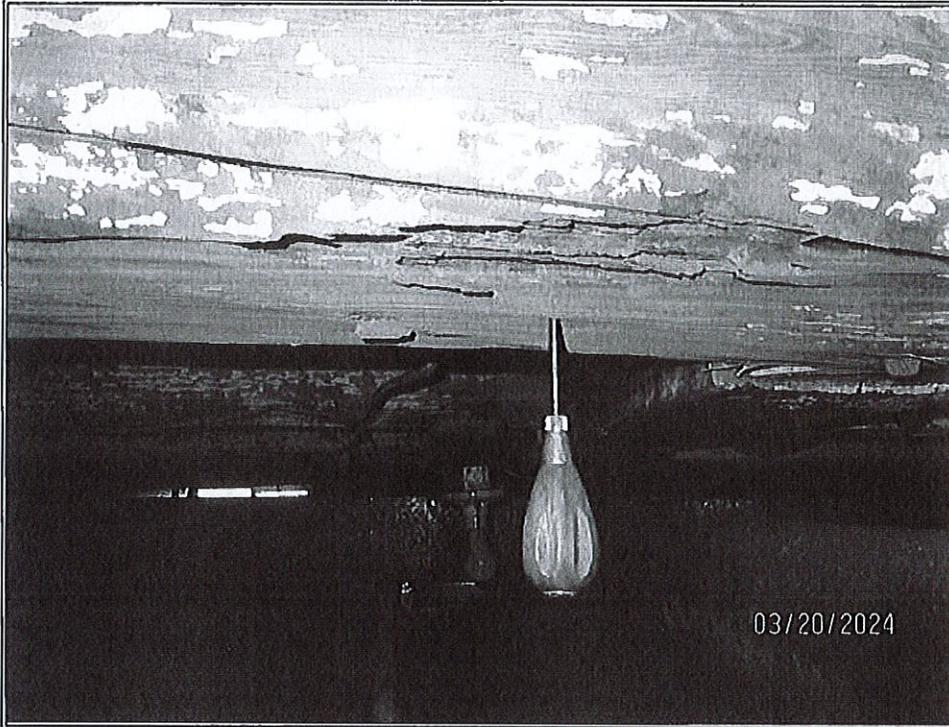
Description:
Dry rot visible in many
main framing members.
One of several beams.

Photo Number
20

Location:
333 High Street, Belfast, Maine
333 High Street
Belfast, ME

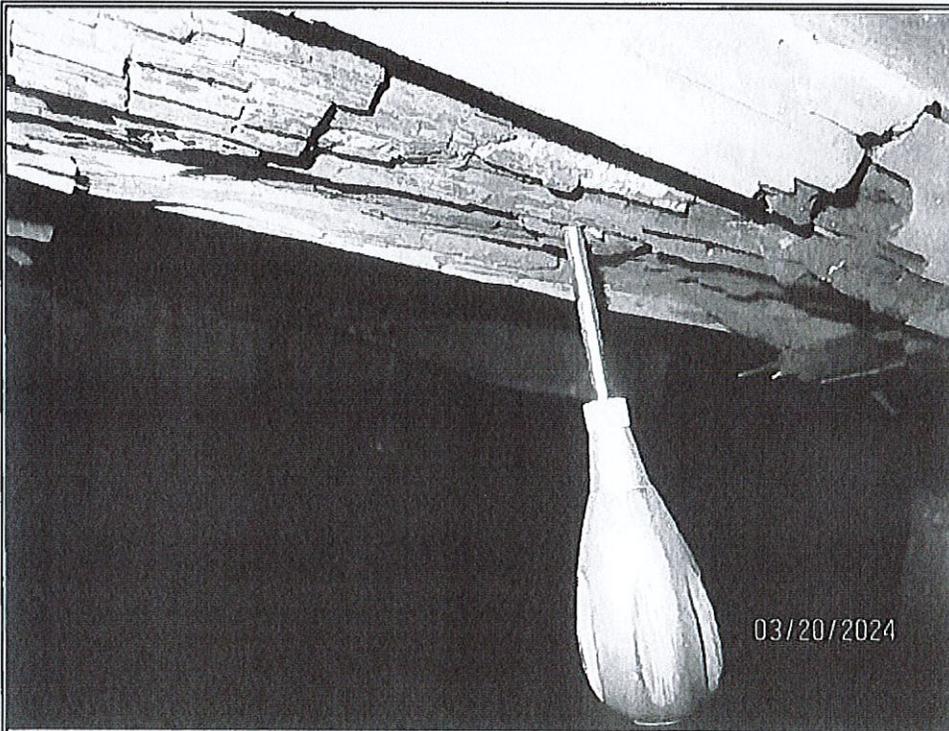
Photos taken by:
John Rand

Date:
March 20, 2024



Description:
Dry rot visible in many
main framing members.
One of several beams.

Photo Number
21



Description:
Dry rot visible in many
main framing members.
One of several beams.

Photo Number
22

Location:
333 High Street, Belfast, Maine
333 High Street
Belfast, ME

Photos taken by:
John Rand

Date:
March 20, 2024



Description:
Top of support column sunk
into carrying beam.

Photo Number
23



Description:
Temporary support columns
without adequate footing.

Photo Number
24



CITY OF BELFAST, MAINE 04915
131 Church Street

PLANNING AND CODES DEPARTMENT

Phone: (207) 338-3370 ext. 125

Fax: (207) 338-2419

Email:

planningandcodes@cityofbelfast.org

**NOTE TO BELFAST CITY COUNCIL
JANUARY 28, 2025
FIRST READING AND PUBLIC HEARING
RESIDENTIAL 5 AND RESIDENTIAL 6 ZONING DISTRICT MAP ADJUSTMENT TO
ACCOMMODATE INCREASED HOUSING OPPORTUNITIES
FROM BUB FOURNIER, DIRECTOR OF PLANNING AND CODES DEPARTMENT**

RESIDENTIAL 5 AND RESIDENTIAL 6 ZONING DISTRICTS BACKGROUND

The Residential 5 and Residential 6 zoning districts were created in 2022 as part of the comprehensive Outside Rural Ordinance Amendments package that the Belfast Planning Board worked on for much of 2021 into 2022. Previously, the Residential 5 zoning district was comprised of areas along the water side of Robbins Road being part of the General Purpose A zoning district and areas on the east side of Robbins Road being part of the Protection Rural II zoning district. The current Residential 6 zoning district was entirely part of the former Protection Rural II zoning district.

In 2022, the Board had been looking at ways to increase housing opportunities and identified the area along Robbins Road as having the potential for additional housing because it was served by City sewer and was already made up of many fairly smaller lots. The Board identified the potential for increased housing, including multi-family dwellings, in this area with the creation of the Residential 5 zoning district with a minimum lot size of 10,000sqft for one- two-family homes on sewered lots, and the additional allowance at 20,000sqft of 3 and 4 unit multi-family dwellings and flex housing options. The Board proposed and the City Council adopted the new multi-family and flex housing standards for the east side (away from the water) of Robbins Road only due to Shoreland Zoning restrictions.

Regarding the Residential 6 zoning district, in 2022 the Board proposed, and the City Council adopted, no changes for multi-family or flex housing development. The adopted Ordinance changes continued the prohibition on multi-family housing in this area. This approach was in keeping with the history of the Protection Rural II zoning district being created by a citizen's initiative in 2000 in response to the 24-unit multi-family development owned and operated by

Penquis at 2 East Avenue completed in 2001. At the time, citizen's from the neighborhood brought a proposal to rezone the area to include the current dimensional requirements and prohibit new multi-family dwellings. The current minimum lot size for Residential 6 zoning district is a half-acre (21,780sqft) on sewer and an acre (43,560sqft) on a subsurface wastewater system.

RESIDENTIAL 5 AND RESIDENTIAL 6 ZONING DISTRICTS PROPOSAL

Staff is bringing the current proposal to the City Council after unanimous support by the Planning Board concurrent with the duly noticed public hearing on January 8, 2025. Staff had brought the proposal to the Board after discussions with the subject property owner in regard to increasing housing opportunities. The proposal includes a minor reconfiguration of the Residential 5 and 6 zoning districts to facilitate increased housing opportunities. **In the proposal, 3 parcels identified as Map 18 Lots 48, 49, and 50, would be rezoned from Residential 5 (formerly Protection Rural II) to Residential 6.** This proposed map amendment would allow the potential for additional housing in the form of either multi-family housing or a "flex housing" approach. Please refer to the enclosed map that shows the proposed changes which would affect approx. 2.6 acres of land.

It's important to note that Residential 5 multi-family dwellings are limited to 3-4 unit structures, which is the same limit for "flex housing". According to the property owner of the affected lots, connection to the gravity private sewer line serving the multi-family dwelling facility at 2 East Avenue is allowed in their deed. When the idea of this proposal was briefly brought up at a previous Board workshop, members asked staff to reach out to the Wastewater Treatment Plant operator Olver Associates Inc regarding nearby infrastructure capacity to serve additional housing in the area. The proposal would represent an increase in housing opportunity for the subject lots from approx. 10 dwellings to potentially 22 via "flex housing" or multi-family dwellings. There are currently only 4 dwellings on these lots. Staff shared correspondence with Asst. Operations Manager at the sewer plant, Travis Jones of Olver Associates, Inc on this subject with the Board in October, and it is included in materials for the City Council to consider.

In the City's most recently adopted Comprehensive Plan, housing is a common theme with several sections dedicated to the critical need for additional housing opportunities in the City. This particular proposal represents a minor adjustment to the City's Chapter 102 Zoning Ordinance to facilitate such an opportunity through increased utilization of existing infrastructure. This may be a great representation of smart growth as we continue to look for ways to generate more housing options in Belfast.

On October 9, 2024, the Planning Board had an opportunity to discuss this proposal and directed staff to arrange a public hearing on the proposed amendments. On January 8, 2025, the Board held a duly noticed public hearing, further discussed the proposal and unanimously recommended it for City Council consideration. I look forward to the discussion as we continue to look for increased housing opportunities.

FIRST READING

Staff would like to present the draft proposal consisting of a map amendment. As there is no text necessary to amend, this meeting would be the First Reading of the proposed amendments. Please note that all property owners in both zoning districts were noticed directly during the Planning Board process. I request that you consider directing staff to arrange a Second Reading and Public Hearing at an upcoming meeting. Following the Second Reading and Public Hearing on the proposal, the City Council could potentially adopt, table or amend the proposal. Only the City Council can adopt any proposed Ordinance Amendments.

Draft motion: To accept the First Reading on the proposed Ordinance Amendment consisting of a map amendment to the Residential 5 and Residential 6 zoning districts and direct staff to arrange a Second Reading and Public Hearing at an upcoming meeting.

1 November 2024

To: Belfast Planning Board
From: Belfast Housing & Property Development Committee
Subject: Support for proposed zoning change for Map 18 Lots 48, 49, 50

The Housing and Property Development Committee supports efforts to reduce barriers to creating housing in Belfast, especially those where thoughtful adjustments to regulations or zoning can lead to development in areas already served by some infrastructure.

We understand the Planning Board is reviewing a request to change zoning for subject lots totaling 2.6 acres from Residential 5 to Residential 6 which would allow construction of up to 22 housing units vs. the 10 currently allowed, and that there is deeded access to an existing sewer line for the parcels and the wastewater system can accommodate additional housing.

The Housing Committee supports changing the zoning in subject lots to allow development of additional housing units and appreciates the Planning Board taking this action to help address the housing crisis.

Sincerely,



Nat Clifford, Chair

On Behalf of the Housing & Property Development Committee

cc: Bub Fournier, Director, Planning and Codes
Joellyn Warren, Deputy Economic Development Director
Neal Harkness, City Councilor

Wastewater Department Comments on potential zone change to allow more housing on Patterson Hill

From Travis Jones <travis@olverassociatesinc.com>

Date Sun 9/29/2024 9:22 PM

To Bub Fournier <directorplanning@cityofbelfast.org>

Cc Alexandra Sykes <cityplanner@cityofbelfast.org>; annaleis@olverassociatesinc.com
<annaleis@olverassociatesinc.com>; Mandy Holway <Mandy@olverassociatesinc.com>

Dear Bub,

As requested, please find the Wastewater Department's comments for the proposed change to the Residential 5 zoning district boundaries along Robbins Road. Specifically, this proposal concerns three properties which are being considered for rezoning to Residential 6. The property owner has indicated they have deeded access to the private sewer line serving the 24 apartments at 2 East Avenue (Penquis), which would allow for connection.

Upon review, we would like to bring to your attention the following comments regarding this potential development:

- The development would be served by the Robbins Road III pump station, a duplex pump station that is currently close to capacity.
- The station's performance is often compromised by "flushable" products, which cause the pumps to plug and fail. When this happens in situations of high flows, there is a very limited response window for operators to address the issue due to the station's hydraulic capacity.
- In most cases, when a pump fails, operators need to pull the affected pump(s) and manually remove the "rags" clogging the them, ensuring raw wastewater does not overflow the wet-well.
- While the station continues to manage current demands, a complete upgrade will be necessary in the future to handle increased flow and mitigate the issue of "flushable" products.
- At this point, it has not been fully assessed how many more dwellings the station can support before reaching its operational limit. Given the station's current state, we are not working from a solid foundation.
- Additionally, the station's location may also present challenges. An upgrade would likely require an increased footprint to meet regulatory requirements. This will also need further assessment and information gathering.

Please let us know if you require any further details or analysis regarding this request. We would be happy to gather more information to ensure informed decision-making.

-Travis

Travis Jones
ASSISTANT OPERATIONS MANAGER

OLVER ASSOCIATES INC.
290 MAIN ST
PO Box 679
WINTERPORT, MAINE 04496

207-479-3330 – C

207-223-2232 – O

From: Bub Fournier <directorplanning@cityofbelfast.org>

Sent: Thursday, September 26, 2024 8:22 AM

To: Travis Jones <travis@olverassociatesinc.com>; Annaleis Hafford <annaleis@olverassociatesinc.com>; Mandy Holway <Mandy@olverassociatesinc.com>

Cc: Alexandra Sykes <cityplanner@cityofbelfast.org>

Subject: Re: Potential zone change to allow more housing on Patterson Hill

Good Morning,

I briefly discussed this with Travis recently and mentioned that we wouldn't be taking this to the Board until possibly November. Recent development review submissions have come up short for prime time, so we are pivoting to this for the Oct. 9th PB meeting. Any light you may be able to shine on this before then would be greatly appreciated. After the discussion with Travis, I do think I could convey the gist of the message, but some sort of correspondence from WWTP would be helpful for the Board. We will be sending out packets next Thurs. Oct. 3 so if possible before then. Thanks.

Bub Fournier
Director, Planning and Codes Department
City of Belfast
131 Church Street Belfast, ME 04915
(207) 338-3370 X125
directorplanning@cityofbelfast.org

From: Bub Fournier

Sent: Tuesday, September 17, 2024 10:23 AM

To: travis@olverassociatesinc.com <travis@olverassociatesinc.com>; annaleis@olverassociatesinc.com <annaleis@olverassociatesinc.com>; Mandy Olver <mandy@olverassociatesinc.com>

Cc: Alexandra Sykes <cityplanner@cityofbelfast.org>

Subject: Potential zone change to allow more housing on Patterson Hill

Hi Annaleise, Mandy and Travis,

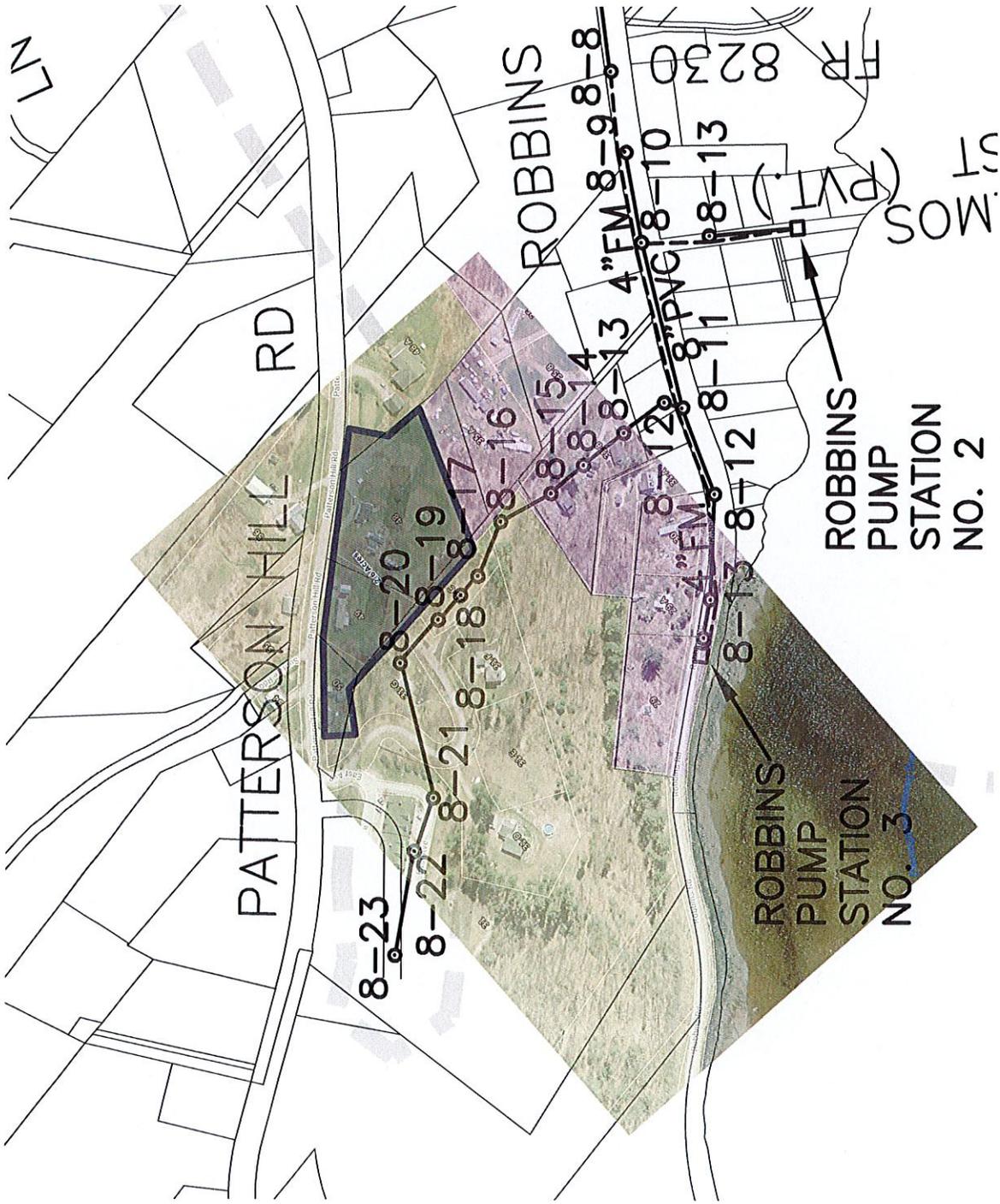
I am reaching out regarding a proposal to make a slight change to the boundaries of the Residential 5 zoning district that currently includes properties along Robbins Road. The proposal would consider changing the 3 properties outlined in black on the attached map (Map 18 Lots 48,49, and 50) to Residential 6 from Residential 5. The property owner has indicated he has deeded access to connect to the private sewer line coming down the hill cross country from the 24 apartments controlled by Penquis at 2 East Avenue. The property owner of the subject lots would like to have the Planning Board consider this change to facilitate increased housing opportunities. The 2.6 acre subject properties currently have 4 dwelling units on septic. The zone change, coupled with connection to sewer, could potentially allow 22 dwellings.

The reason I am reaching out is that the Planning Board would like to know if the Wastewater Treatment Plant as well as the infrastructure from the apartments on East Ave could support the additional dwellings. Information regarding the capacity of downstream pump stations would be helpful as well. If you don't mind responding in writing after you consider what I've written here,

that would be helpful in conveying your response to the Board as we will begin to look at this proposal in the coming weeks. Thanks.

Sincerely,

Bub Fournier
Director, Planning and Codes Department
City of Belfast
131 Church Street Belfast, ME 04915
(207) 338-3370 X125
directorplanning@cityofbelfast.org



PATTERSON HILL RD

ROBBINS

ROBBINS PUMP STATION NO. 2

ROBBINS PUMP STATION NO. 3

S.M.O.S

8-23

8-22

8-21

8-18

8-17

8-16

8-15

8-14

8-13

8-12

8-11

8-10

8-9

8-8

4" FM

8-13

8" PVC

8-11

4" FM

8-12

8-13

8-12

8-11

8-10

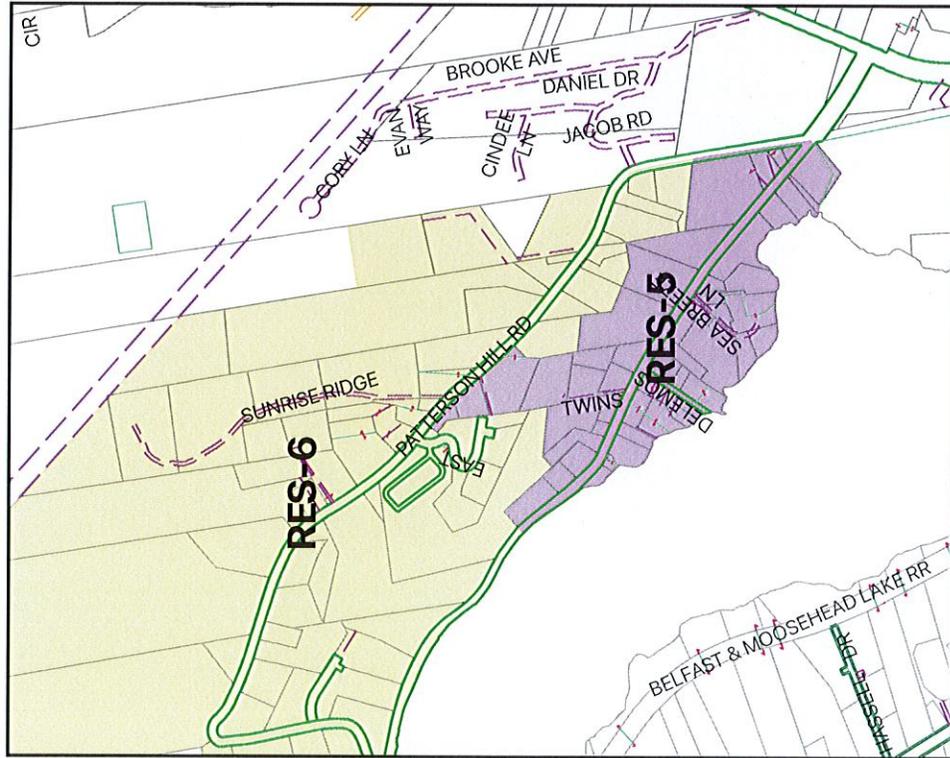
8-13

8-9

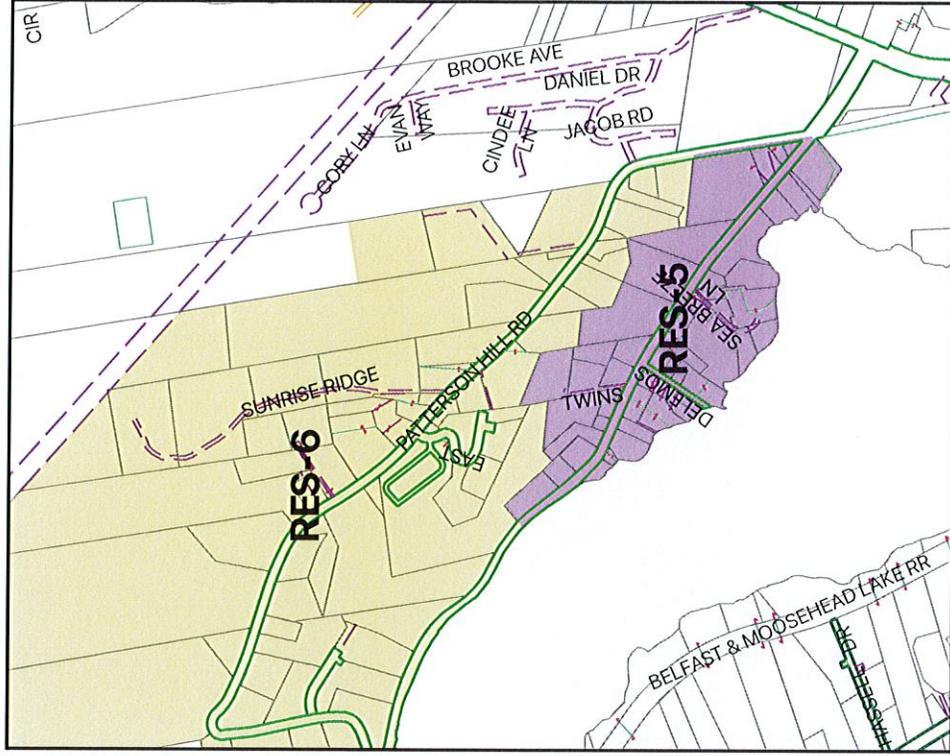
8-8

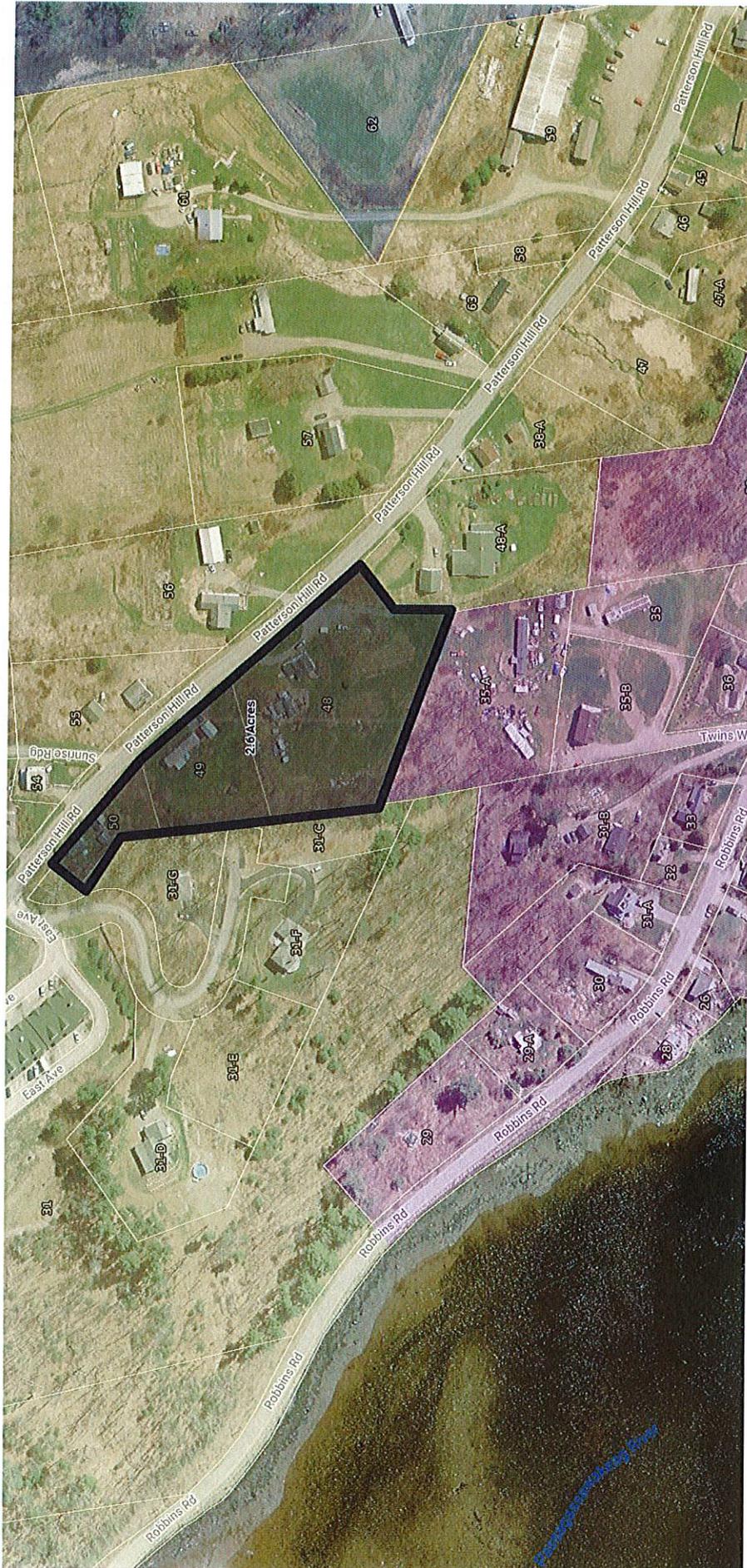
Proposed Changes to Residential 5 and Residential 6 Zoning District Boundary
Planning Board Public Hearing January 8, 2025

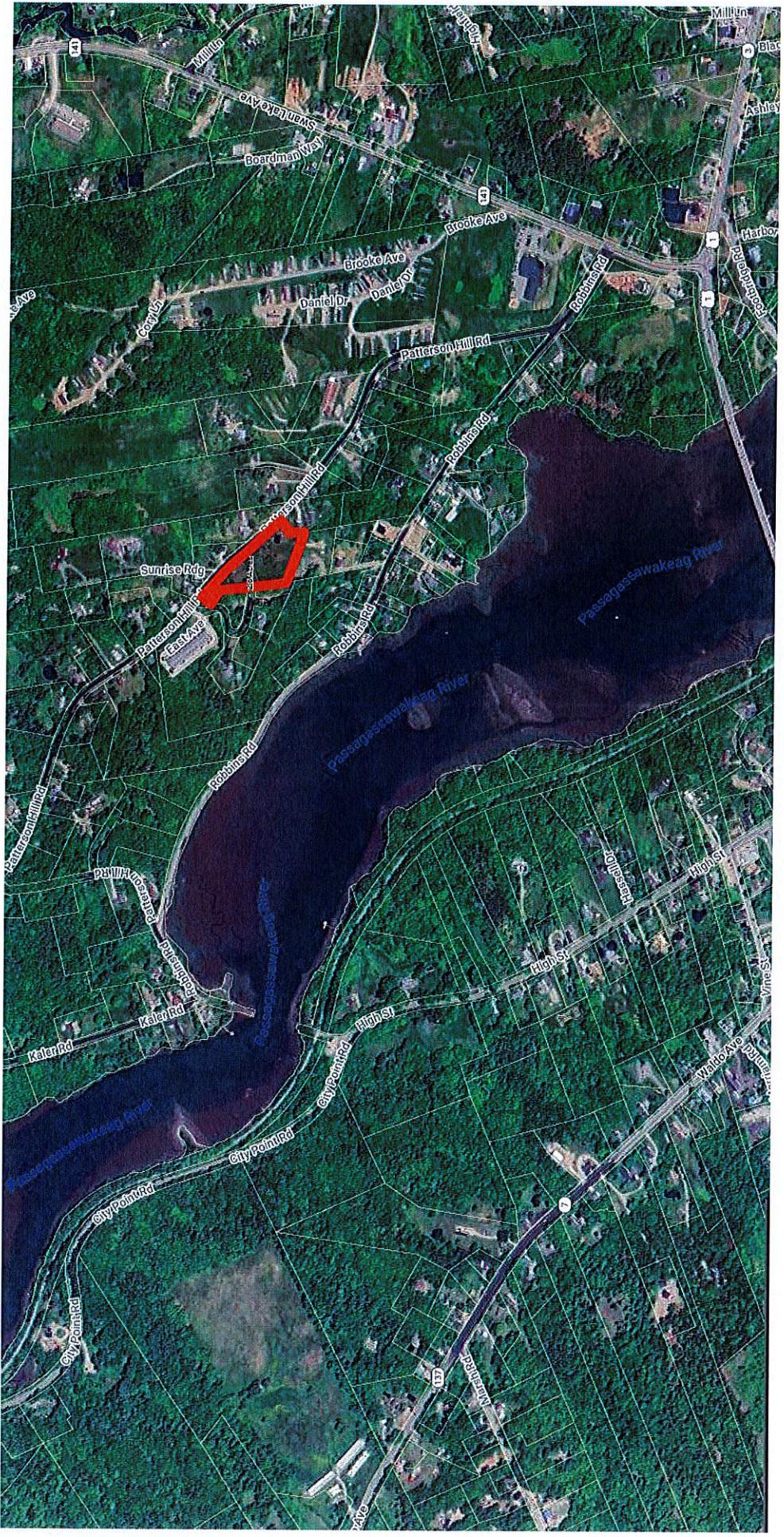
PROPOSED LAND USE AREA



EXISTING ZONING









CITY OF BELFAST, MAINE 04915

131 Church Street

PLANNING AND CODES DEPARTMENT

Phone: (207) 338-3370 ext. 125

Fax: (207) 338-2419

Email:

planningandcodes@cityofbelfast.org

December 19, 2024

**NOTICE TO PROPERTY OWNERS
PLANNING BOARD PUBLIC HEARING
WEDNESDAY, JANUARY 8th, 2025**

The Belfast Planning Board, at its meeting of Wednesday, January 8th, 2025, beginning at 7:00PM or as soon as practical thereafter, shall conduct a public hearing on proposed amendments to the City Code of Ordinances, Chapter 102 Zoning. The proposed zoning amendments the Planning Board is considering include the modification of the boundary of the Residential 5 and Residential 6 zoning district to support housing opportunities in Belfast. The meeting will be held in person in Council Chambers of City Hall at 131 Church Street in Belfast.

The Board, at its meeting, will provide interested parties with an opportunity to offer oral comments on the proposal. The Board will also accept comments in writing or via email. Written comments should be submitted to the City of Belfast, Planning and Codes Department, 131 Church Street, Belfast, ME 04915. Emailed comments should be submitted to directorplanning@cityofbelfast.org All written comments must be received by 12 noon on January 8th, 2025 prior to the Planning Board meeting.

The Belfast Planning and Codes Department has a copy of the proposal and it is available for public inspection in Belfast City Hall during regular business hours, Monday-Thursday 7:00 A.M. – 6:00 P.M. Questions regarding the application should be directed to Bub Fournier, Director of the Planning and Codes Department at 338-3370 x 125 or at directorplanning@cityofbelfast.org

On behalf of the Planning Board,

Alexandra E. Sykes, City Planner

10.4



CITY OF BELFAST

131 Church Street
Belfast, Maine 04915

Pamela J. Salokangas, CPRP, CPSI
Parks & Recreation Director

Email: parksandrec@cityofbelfast.org
Phone: (207) 338-3370, ext. 127

MEMORANDUM

TO: Erin Herbig, City Manager
FROM: Pam Salokangas, Parks and Recreation Director
DATE: January 28, 2025
RE: Facility Use Request

The City of Belfast Parks and Recreation Department is presenting the following Facility Use Request.

Belfast Academy of Dance – Hot Chocolate Stand

The Belfast Academy of Dance submitted a Facility Use Request to operate a Hot Chocolate Stand on the sidewalk outside of Alexia's Pizza.

This group is hosting this activity as a fundraiser for their dance teams, and they would like to host this activity during the Annual Belfast Ice Festival on Saturday, February 22 from 11 AM-2 PM. Sales of hot chocolate would be done by donation, and dance team members and their parents will be overseeing the table.

The owners of Alexia's Pizza have provided permission (see attached), and their letter was submitted along with the Facility Use Request Form. The Belfast Academy of Dance will be providing the general liability coverage for the activity, and their Certificate of Insurance, naming the City as an additional insured, is due to the Parks and Recreation Office by Wednesday, February 12, 2025.

The Parks and Recreation Department recommends approval of this sidewalk use request.





Facilities Use Request City of Belfast, Maine



The City of Belfast owns streets, sidewalks, parks, land, and buildings. It is the policy of the City that property belonging to the citizens of Belfast be available to the public. Unless specifically approved to the contrary, no public property will be set aside for the exclusive use of any individual or group and the general public will at all reasonable times have access to City property.

This application is specifically for City property such as waterfront parks, pavilions, streets, sidewalks, etc. This application is NOT for the Belfast Boathouse, but it may be required in addition to the Belfast Boathouse Rental Application if you are planning an event that includes both the Belfast Boathouse and Steamboat Landing Park.

This application must be submitted 60 days or more before the proposed event date. This allows for the application to be reviewed by all departments and to be reviewed and approved by the Belfast City Council.

EVENT NAME: Belfast Academy of Dance Hot Chocolate Stand

BRIEF EVENT DESCRIPTION:

Dance team members will provide hot chocolate (by donation) to community members

DATES and TIMES: February 22, 11:00-2:00

PROPOSED LOCATIONS/AREAS TO BE USED:

Sidewalk next to Alexia's Pizza

ORGANIZING GROUP (if applicable): Belfast Academy of Dance

GROUP REPRESENTATIVE/INDIVIDUAL NAME: Catie Ray

MAILING ADDRESS: 24 Bowling Green Lane, Belfast ME 04915

PHONE NUMBER: **CELL PHONE:** 207-322-5755

All applications and related documents must be returned to the Belfast Parks and Recreation Office at City Hall, 131 Church Street, Ground Level (drop off at City Clerk's office). Questions? Please call 207- 338-3370 Ext. 127 or parksandrec@cityofbelfast.org.

This is a planning checklist for your benefit as well as the City's. **All activities must be included in the event description; anything not included cannot be approved and cannot be added later unless a second or revised application is submitted. Approvals will not be provided to individuals or groups who are uncertain of their plans.**

When you are ready to submit your application, please attach maps, additional sheets, event outlines etc. which will help to explain your request. If any of the following questions do NOT apply to your event, simply write N/A (not applicable) in the space provided. Thank you.

Describe in detail the activities within your event and the schedule you are proposing.

The Belfast Academy of Dance would like to hold a fundraiser downtown Belfast during ice fest. We would offer hot chocolate to community members by donation. This event would take place on the sidewalk next to Alexia's pizza, from 11:00-2:00.

Based on the facilities noted above, how do you intend to use the spaces requested?

Use the sidewalk to hold a table with hot chocolate container and cups with lids. Dance team members and adults will be around the table.

Are you asking to close off any City Streets? If so, please list by street name (include from where-to-where the street will be blocked, days, times, etc.).

NA

If yes, who will be managing the street closures?

NA

How many people do you expect at your event?

9 dance members, 2 adults + community members as they come and go

How many volunteers do you expect at your event?

9 dance members, 2 adults

Will you be selling things at this event? If yes, what will you be selling, and please provide descriptions.

Hot Chocolate, by donation

If you will not be selling anything, will others at this event be selling items? If yes, please provide details.

Hot Chocolate, by donation

Will you be renting spaces to vendors on City property? If yes, please provide for the type of vendors and your fees.

NA

Please provide an explanation of vendor space sizes, locations, load-in/load-out details, etc.

NA

Does this event call for any type of open fire, including for cooking purposes? If so, please describe what fire safety measures you plan on employing associated with this potential hazard? NOTE: a fire permit may be required.

NA

How do you propose to handle garbage removal?

We will have a trash container located next to our table

How do you propose to handle parking and how will parking instructions be communicated to vendors, volunteers, service providers, and your customers?

NA

How do you propose to handle security, if needed.

NA

How do you propose to handle the need for regular and accessible restrooms?

NA

What are your electrical needs, and how will you provide electricity?

NA

What kind of noise do you expect to generate at this event and during which specific period of time?

Nothing above average- 11:00-2:00

What are your event safety protocols (i.e., weather, injury), and will you have a First Aid tent?

We will not hold the fundraiser if the temperature is below freezing.

Have you spoken to the neighbors in the area of this event regarding traffic, noise, parking etc.? NOTE: You may need to provide parking lot monitors and signage for your event.

Yes, spoke with the owners of Alexia's pizza

Will any alcohol be served or consumed at this event? If yes, please provide details on who will be providing that service, including their contact information (phone and email). NOTE: Additional permits may be required for your event based on your service provider, their liability insurance coverages, and any existing permits they may have.

NA

Please attach a map that shows your event's boundaries, how you will set-up your event (vendors, beer/wine garden, restrooms, where activities will be located, your access points, and any other pertinent details).

Are you able to provide a Certificate of Insurance in the amount of \$1,000,000 that also lists the City of Belfast as an additional insured to hold the City of Belfast harmless from any and all injuries that may occur as the result of any negligence on your part in conducting this event?

NA

Who is your insurance agent that will provide the Certificate of Insurance as proof of this policy?

Belfast Academy of Dance insurance policy

Who will be in charge of the event and on-site for the majority of the event's duration? Please include cell phone numbers and an email address.

Catie ray- cait.ray1@gmail.com, 207-322-5755

Are you asking the City for any additional services over and above the request to use the facilities you have described above? If so, please be specific. (Examples: barricades, security/street closures, electrical access, etc.)

NA

Are there any other details you haven't addressed and that you would like to include?

We would be grateful to be able to hold this fundraiser

Have you reviewed the specific policies for use of City-owned property, located in Appendix A?



Yes



No

Department and Services Requested

City Manager:	
Police:	
Fire/ Ambulance:	
Parks and Rec.:	
Public Works:	
Harbor Master:	
Other:	We would be grateful to be able to hold this fundraiser

Remember, if any aspect of the activity you wish to conduct is not specifically listed on this checklist, then there will be no permission to conduct that activity unless an amended form or an addendum is filed for approval by City Council. Any amendments or addenda must be filed more than 60 days prior to the event date.

I certify that I am at least twenty-one (21) years of age. I have read and fully understand the Belfast Boathouse Rental Agreement and also the rules and regulations for renting the Belfast Boathouse located at 34 Commercial Street in Belfast, Maine. I am an authorized representative of above listed business, organization, or event and will abide by all rules and regulations set forth by this agreement. I understand and fully agree to forfeiture of any or all deposits if I am not in compliance with the terms set forth by this agreement. In signing this form as an individual or as a representative of the above listed business or organization, release the City of Belfast from any and all liability in case of death or injury during the use of the Belfast Boathouse facilities.

SIGNATURE: Caitlin Ray

DATE: 1/16/25

REVIEW #1: N/A

DATE: _____

REVIEW #2: N/A

DATE: _____

APPROVAL: *Pamela J. Salokangas*

DATE: January 21, 2025

APPENDIX A:
SPECIFIC POLICIES RELATED TO
USE OF CITY PARKS AND PROPERTY FOR SPECIAL EVENTS AND FUNDRAISERS

The purpose of this policy is to specify and clarify procedures regarding the use of City parks for special events or fundraising events and to ensure these activities meet the requirements of the City ordinances. **A Special Event or Fundraiser can be defined as any event that exceeds 75 people, and which is open to the general public, and/or where fundraising may occur through an event pre- registration, and/or where donations will be accepted in advance or on-site.**

This policy applies to:

- all City parks and park areas;
- the City pool;
- and for other City-owned property utilized for special events or fundraisers (i.e., sidewalks, streets, city parking lots).

Reservations must be secured for special events/fundraisers AT LEAST 60 days in advance. Some events may require additional lead time and should be discussed in advance. This time frame allows the Department to review requirements with organizers, secure paperwork and deposits, and then forward to City Council for approval for any atypical details or waiver requests.

NOTE: Several waterfront parks are also designated as special event spaces since they provide the most space for the larger events held in the City of Belfast. Special requirements are necessary to balance the use at the various City parks and to ensure that the parks are still open to the general public and that parking is available for all events and for general users.

The following types of large group events are subject to the provisions of this policy:

- Community events sponsored by Belfast-based civic or social organizations,
- Fundraising events sponsored by a Belfast-based non-profit organization to benefit a Belfast-based program,
- Special athletic or sporting events by a Belfast-based group,
- Concerts or public performance events at any park,
- Special events at the Belfast Dog Park,
- Other events as determined by the Parks and Recreation Director or the Parks, Trails, and Recreation Committee.

The following rules apply:

- Since each event is somewhat unique, the Director of Parks & Recreation will determine if the planned event shall be covered by this policy.
- Belfast-based groups organizing a large special event/fundraiser will have priority over non-Belfast-based groups.
- Special events/fundraisers are booked on a first-come, first-served basis EXCEPT three annual events with a long event history and schedule—Arts In The Park, Maine Celtic Celebration, and the Belfast Harbor Fest.
- All special events/fundraisers must be reviewed in advance to ensure that they meet this

policy and the City ordinances regarding public safety, alcohol, permitting, etc.

Scheduling

Special Events/Fundraisers can be scheduled up to one (1) year in advance. The appropriate rental form (either Special Event/Facility Request or a Belfast Boathouse Rental Application, or in some cases both forms) must be completed to secure a date. The Parks and Recreation Director will determine when rental deposit, security deposit, final payment, and insurance certificate will be due. The rental date(s) will not be secure until rental deposit and/or full payment (depending on lead time) is paid.

Reservations must be secured for special events/fundraisers AT LEAST 60 days in advance. In addition, the Director and/or City Manager/City Council may:

- deny or revoke reservations to any event which is not compatible with the facility or other scheduled events;
- restrict the total number of Special Events/Fundraisers which may be held per year at each park;
- deny or revoke reservations to any event with the potential of overloading park visitor capacity with respect to public safety or facility capacity or parking accommodations;
- suggest alternate locations in order to better accommodate Special Events/Fundraisers with respect to public safety, parking, visitor capacity;
- move activity locations or cancel specific activities if inclement weather has created hazardous conditions or the potential for excessive facility damage;
- all cases of reservation denial or revocation may be appealed to the Belfast City Council at their next regularly-scheduled meeting.

Event Planning

Special event/fundraiser organizers shall meet with the Director at least 60 days prior to the event to review preliminary event plans, determine activity locations in the park, and confirm all operational details. A second meeting 7-10 days prior to the event may also be scheduled. Provisions for inclement weather/heavy rain should be made by the sponsoring group with regard to all event operations (parking areas, activities, food service, etc., to include moving activity locations or canceling specific activities if inclement weather has created hazardous conditions or the potential for excessive facility damage.). The Department Director must approve event details in advance.

Tent Policy

If you intend to erect tents of your own or rented tents from a third-party, you will need to adhere to the following recommendations:

- All tents, no matter the size, should be staked properly to avoid any accidental fly-aways during windy days. Tent stakes should be marked clearly to avoid any tripping hazards.
- Large tents (larger than 20' x 20'/400 sq. ft.) installed without sides do not need any additional inspections or permits; these tents must be staked properly.
- Large tents (larger than 20' x 20'/400 sq. ft.) installed with sides, sides that will be on 100% of the time, fall into the Assembly Use category for the Maine State Fire Marshall's office. These tents would need to have a plan review for egress paths and fire retardation

certification. This would be coordinated well in advance of the event. These tents must also be staked properly.

- Large tents (larger than 20' x 20'/400 sq. ft.) with or without sides should have one (1) fire extinguisher on-hand; large tents (larger than 40' x 40'/1,600 sq. ft) with or without sides should have two (2) fire extinguishers on-hand.
- Tent stakes/support guy wires must be 12' or more from any structures, parking lots, trees, vehicles, signage, etc. Any stakes/support guy wires must be marked well for pedestrians' needs.
- Installation areas must be marked for utilities in advance of any tent installation if there is even the slightest chance that underground utilities are in the area. Utility marking is the sole responsibility of the reservation holder and should only be scheduled once reservation holder has an approved tent location from the Department.
- Additional rental fees may be required if a tent must be installed several days in advance of a special event/fundraiser, and only if the space is available.

Park Operations

Belfast Parks and Recreation is not able to financially assist special event or fundraising events. The Department may assign staff for park maintenance before, during, and after the event (for assistance with trash collection, restroom maintenance, special setups/take downs, facility maintenance, electrical needs), based on the potential number of visitors the event may generate.

The Department will invoice the event sponsors for all expenses incurred that were in excess of the normal level of park operations or that generated overtime. Only Department employees are permitted to operate Department vehicles and equipment. The large event organizers may also be required to provide volunteers to direct event parking and pedestrian access or to provide overflow parking at a non-municipal owned area, and to assist with trash collection duties. Therefore, the organizing group can expect to pay for these functions:

- Permits for alcohol/catering services; these may need to be paid by renter and/or by individual vendors participating in the fundraising or special event being sponsored by renter.
- Extra Department staff: expense depends on event details; an estimate can be provided in advance,
- Repairs to park facilities, as required, and if resulting from the group's use,
- Portable toilet rentals (supplemental) from a private supplier, pending event details,
- Trash dumpsters (supplemental) from a private supplier, pending event details, and
- Additional insurance premiums for coverage of the event with indemnification to the City of Belfast, and, if needed, for any private parking areas near the facility (see below) and/or for a liquor liability endorsement.

Insurance

All rentals that are open to the public except family rentals (non-public) shall provide to the Department, in advance of the event, a Certificate of Insurance which:

- Provides evidence of coverage in both commercial general liability insurance and automobile liability insurance (if applicable) for a minimum coverage amount of \$1,000,000 per occurrence, combined single limit;

- A Certificate of Insurance must include adding the City of Belfast as an additional insured;
- For events that are hosting alcohol-related activities such as a beer garden or wine tasting, the Certificate of Insurance will also need to demonstrate a liquor liability endorsement which may increase the insurance premium.

The minimum coverage amount that is required by the Department may be increased pending the type of event and level of risk or an additional rider may be requested. Food service and liquor operations may require additional permits, and these are typically processed by the Belfast City Clerk's office and approved by the Belfast City Council. Additional insurance coverage for food service (as well as meeting the requirements of the City and state health codes) may be required. In addition, other groups or businesses which use park facilities during special events (i.e., third-party concessionaires like food vendors) must also present in advance to the event organizer a similar Certificate of Insurance for their operations. Please contact the Department regarding specific insurance requirements for the planned event.

Parking and Vehicle Access

Very few of the Special Event areas have their own parking, especially those in the waterfront area. To host an event at Steamboat Landing Park, an event organizer will be required to rent the Belfast Boathouse to secure handicap parking and to have load-in and load-out access.

Event organizers will be required to follow the soon-to-be-created parking plan during large and multi-day events (as of 2025). Once that parking plan is in place, the Belfast Parks and Recreation Department will update this policy with those details. Parking is permitted only in designated spaces or areas. No parking on the grass or in driveways is permitted during a large group event, except with the express written permission of the Department. Tasks may also include providing appropriate signage during events, hosting volunteers for parking tasks (see below), and communicating the parking information to patrons.

The organizers should also make arrangements to furnish Parking Guides (volunteer or paid) to safely direct vehicles to the proper spaces, as well as providing safe pedestrian crossings on various roadways around the event site.

- Considerations should be given to making directional and information signs for your event.
- Vehicles parked illegally on City or private property will be ticketed by police and are subject to towing at the owner's expense.
- It is especially important that emergency access remain available at all times during your event, and that the event organizers follow the new event parking plan (2025).
- Vehicular access to any areas off the paved roadways must be approved by the Department in advance, including by event contractors, caterers, concessionaires, event leaders, etc.

If you plan to submit a request that is outside the boundaries of this policy, please submit it at least 60 days in advance.

City of Belfast,

Spartans LLC, Alexia's Pizza, would be happy to have Belfast Academy of Dance set up a hot chocolate stand outside of our building at 93 Main St. This fundraiser is being coordinated by Caity Ray. We understand that they will have a table set up on the sidewalk on February 22 from approximately 11:00am-2:00pm.

We look forward to the Ice Festival every year, and this year, having our kids involved will make it even more special.

Thank you,

A handwritten signature in blue ink, appearing to be 'VAD' or similar, written in a cursive style.



22 Wright Brothers Drive

Airport Manager
Kenn Ortmann

City of Belfast
Municipal Airport
131 Church Street
Belfast, Maine 04915

Phone: 207 338 3370 x 600
Email: airport2@cityofbelfast.org

Request by Airport Manager Kenn Ortmann and the Belfast Airport Advisory Committee (BAAC) for the City Council to vote its support of LD 138, An Act to Exempt Airports from Certain State Endangered and Threatened Species Habitat Protections.

Maine law, including [Title 12: CONSERVATION, Part 13: INLAND FISHERIES AND WILDLIFE, Subpart 4: FISH AND WILDLIFE, Chapter 925: FISH AND WILDLIFE MANAGEMENT AND RESEARCH, Subchapter 3: ENDANGERED SPECIES; MANAGEMENT AND RESEARCH](#), and [Title 12: CONSERVATION, Part 13: INLAND FISHERIES AND WILDLIFE, Subpart 4: FISH AND WILDLIFE, Chapter 925: FISH AND WILDLIFE MANAGEMENT AND RESEARCH, Subchapter 3: ENDANGERED SPECIES; MANAGEMENT AND RESEARCH](#), have provisions that effectively require that Airports foster wildlife and its habitat on airfields. A specific example is:

*"For species designated as endangered or threatened under this subchapter the commissioner may by rule identify areas currently or historically providing physical or biological features essential to the conservation of the species and that **may require special management considerations**". (emphasis added)*

LD 138 has been crafted to exempt all Maine Airports from the Maine Endangered and Threatened Species habitat requirements.

The Belfast Airport has worked hard, and successfully, primarily through vegetation habitat management, to minimize wildlife safety concerns over the past several years. We simply cannot foster safety at Airports while encouraging the presence of wildlife. Maine's Sanford Airport has had two deer strikes they believe are attributable to habitat restrictions that did not allow the Airport to safely manage the habitat on portions of its airfield.

Also, Federal Grant Assurance obligations include specific requirements to operate and maintain the Airport in a safe and serviceable condition, mitigate hazards to airspace, and use airport revenue properly. Encouraging wildlife habitat is contrary to all of these items.

Fortunately, most people understand that encouraging birds and wildlife is incompatible with safely operating an Airport. The LD is attached and you can track its progress here:

<https://legislature.maine.gov/billtracker/#Paper/SP0074?legislature=132>

The Airport Manager and the BAAC are requesting that the City Council show its support of Airport safety by:

- 1) **Voting to support LD 138, An Act to Exempt Airports from Certain State Endangered and Threatened Species Habitat Protections, and authorizing the City Manager to forward this vote of support to Belfast's State legislative delegation.**



132nd MAINE LEGISLATURE

FIRST REGULAR SESSION-2025

Legislative Document

No. 138

S.P. 74

In Senate, January 8, 2025

An Act to Exempt Airports from Certain State Endangered and Threatened Species Habitat Protections

Reference to the Committee on Environment and Natural Resources suggested and ordered printed.

A handwritten signature in black ink, appearing to read "Darek M. Grant".

DAREK M. GRANT
Secretary of the Senate

Presented by Senator BENNETT of Oxford.

Cosponsored by Senator: TIMBERLAKE of Androscoggin, Representatives: FREDERICKS of Sanford, MASTRACCIO of Sanford, ROBERTS of South Berwick.

1 Be it enacted by the People of the State of Maine as follows:

2 Sec. 1. 12 MRSA §12804, sub-§3-A is enacted to read:

3 3-A. Exception. Notwithstanding any provision of this subchapter or rule adopted
4 pursuant to this subchapter to the contrary, for species designated as endangered or
5 threatened under this subchapter, the commissioner may not identify for special
6 management considerations pursuant to subsection 2 any area located on the property of an
7 airport or develop protection guidelines pursuant to subsection 3 for that area. As used in
8 this subsection, "airport" means an airport described in Title 6, section 101.

9 Sec. 2. 12 MRSA §12806, sub-§1, as enacted by PL 2003, c. 414, Pt. A, §2 and
10 affected by c. 614, §9, is amended to read:

11 1. Review. A Except as otherwise provided in this subsection, a state agency or
12 municipal government may not permit, license, fund or carry out projects that will:

13 A. Significantly alter the habitat identified under section 12804, subsection 2 of any
14 species designated as threatened or endangered under this subchapter; or

15 B. Violate protection guidelines set forth in section 12804, subsection 3.

16 The restrictions in this subsection do not apply to a project located on the property of an
17 airport. As used in this subsection, "airport" means an airport described in Title 6, section
18 101. The commissioner shall make information under section 12804 available to all other
19 state agencies and municipal governments for the purposes of review.

20 Sec. 3. 38 MRSA §480-B, sub-§10, ¶B, as amended by PL 2023, c. 156, §2, is
21 further amended by amending subparagraph (4) to read:

22 (4) Habitat for state endangered and state threatened species listed under Title 12,
23 section 12803, subsection 3 that is within another protected natural resource area
24 or that is located wholly or partly within the boundaries of a proposed project site
25 that requires approval from:

26 (a) The department pursuant to this article or article 6, 7 or ~~8-A~~, except for
27 activity or development at an airport or activity or development on a residential
28 lot that is not part of a proposed ~~multi-lot~~ multilot housing development; or

29 (b) The Maine Land Use Planning Commission pursuant to this article as
30 provided in section ~~440-E-1~~ or, for subdivisions and nonresidential uses only,
31 pursuant to Title 12, chapter ~~206-A~~.

32 As used in this subparagraph, "airport" means an airport described in Title 6,
33 section 101.

34 SUMMARY

35 This bill exempts the property of an airport from protections for state endangered and
36 threatened species that may require special management considerations or protection
37 guidelines and from restrictions on state and municipal approval of projects that may
38 significantly impact state endangered and threatened species habitats.



CITY OF BELFAST

131 Church Street
Belfast, Maine 04915

Belfast Mayor and City Council
Honorable Mayor Eric Sanders
Ward 1 Councilor Mary Mortier
Ward 2 Councilor Neal Harkness
Ward 3 Councilor Brenda Bonneville
Ward 4 Councilor Chris Bitely
Ward 5 Councilor Paul Dean

E-mail: cityhall@cityofbelfast.org
Tel: (207) 338-3370
Fax: (207) 338-2419

February 4, 2025

To: Senator Tepler, Representative Doudera, and Members of the Committee on Environment and Natural Resources.

On behalf of the Belfast City Council, we urge you to vote in support of LD 138, An Act to Exempt Airports from Certain State Endangered and Threatened Species Habitat Protections.

The Belfast Municipal Airport staff and the Belfast Airport Advisory Committee have worked hard, and successfully, primarily through vegetation habitat management, to minimize wildlife safety concerns over the past several years. As a municipality we simply cannot foster safety at our Airport while encouraging the presence of wildlife.

Additionally, Federal Grant Assurance obligations include specific requirements to operate and maintain the Airport in a safe and serviceable condition, mitigate hazards to airspace, and use airport revenue properly. Encouraging wildlife habitat is contrary to all of these items.

LD 138 has been crafted to exempt all Maine Airports from the Maine Endangered and Threatened Species Habitat Requirements, which is essential to maintaining both our safety and federal funding requirements.

Respectfully submitted by the Belfast Mayor and City Council,

Mayor Eric Sanders

Councilor Brenda Bonneville

Councilor Mary Mortier

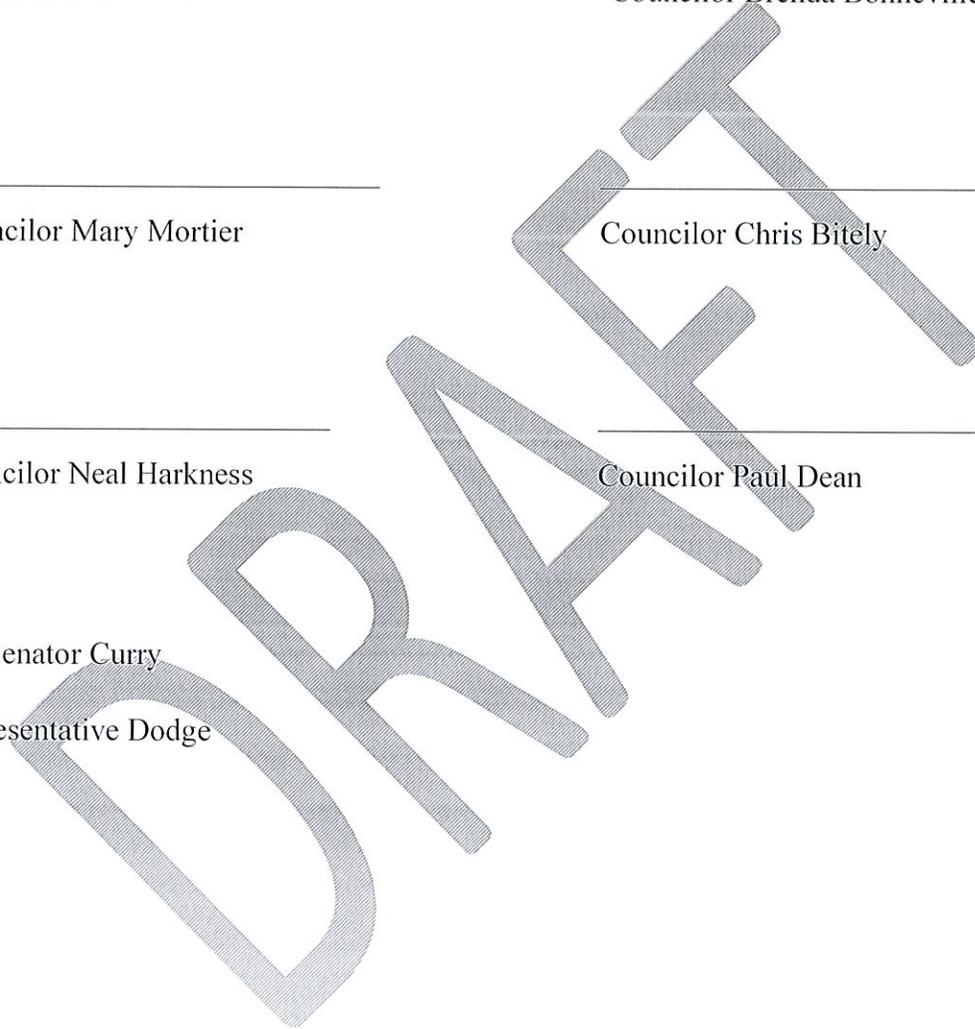
Councilor Chris Bitely

Councilor Neal Harkness

Councilor Paul Dean

Cc: Senator Curry

Representative Dodge



10.J



22 Wright Brothers Drive

**Airport Manager
Kenn Ortmann**

**City of Belfast
Municipal Airport
131 Church Street
Belfast, Maine 04915**

Phone: 207 338 3370 x 600

Email: airport2@cityofbelfast.org

Request by Airport Manager Kenn Ortmann and the Belfast Airport Advisory Committee (BAAC) for the City Council to authorize the submission of a grant application to the Federal Aviation Administration (FAA) to pay for 95% of Phase 2 of the Airport Master Plan update.

This project is focusing on pertinent questions about the future of the Belfast Municipal Airport. The Master Plan will serve as a planning document for BST, the FAA, and the Maine Department of Transportation.

The goals of the entire project include:

- Determining the appropriate runway length
- Identifying areas for future aviation and aviation-related development to support the anticipated growth of BST in the short term, including, at least:
 - Hangars
 - Itinerant and based aircraft parking
 - Aircraft and automobile electric charging stations
 - General aviation (GA) terminal facilities
- Identifying areas for future non-aeronautical revenue development.
- Alternative to show a full parallel taxiway
- Provide recommendations to address areas of the airfield that do not comply with current FAA geometry standards
- Identifying aeronautical opportunities for economic sustainability at the Airport as required by grant assurances.

The BAAC and Airport Manager plan to conduct multiple meetings, with invitations to airport neighbors and abutters, to ensure their thoughts, ideas, issues, and concerns are incorporated into this update process.

Following an Independent Fee Evaluation process, the Council approved a \$272,950 contract with McFarland Johnson to complete the Master Plan update process over a two-year period. We received the 90% FAA portion, in the amount of \$133,245, for Phase 1 following City Council approval February 20, 2024.

Under typical circumstances we would now need to submit a 2025 grant application for 90% of the remaining cost. However, pursuant to "H.R.3935 - FAA Reauthorization Act of 2024, SEC. 708. Updating United States Government's Share of Project Costs, Section 47109 of title 49, United States Code, is amended by adding at the end the following: (h) Special Rule for Fiscal Years 2025 and 2026.--Notwithstanding subsection (a), the Government's share of allowable project costs for a grant made to a nonhub or nonprimary airport in each of fiscal years 2025 and 2026 shall be 95 percent.", we are requesting 95% of the Phase 2 cost in the amount of \$118,655.

The Airport Manager and the BAAC are now requesting that the City Council vote in support of authorizing the following action:

- 1) **Authorize the submission of an application, by March 3, 2025, to the FAA for 2025 Airport Improvement Program (AIP) federal funding assistance in the amount of \$118,655 for Phase 2 of the project entitled Airport Master Plan Update, including authorizing the City Manager to sign any necessary documents as part of that submission.**

10.K



CITY OF BELFAST

131 Church Street
Belfast, Maine 04915

Belfast Mayor and City Council
Honorable Mayor Eric Sanders
Ward 1 Councilor Mary Mortier
Ward 2 Councilor Neal Harkness
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E-mail: cityhall@cityofbelfast.org
Tel: (207) 338-3370
Fax: (207) 338-2419

February 4, 2025

To the Maine Department of Transportation

On behalf of the Belfast City Council, we request a review of the speed limit on Route 137 (Waterville Road) between the intersection with Route 7 and the intersection with Marsh Road. This represents approximately 1.6 miles of road in Belfast.

We recommend a constant 40-mph limit between these two points. This section is currently posted 40 mph zones on either end, with a speed limit of 50-mph in the mid-section. It seems the smoothest transition would be to make the entire section 40-mph. Based on the expertise of our Police Department, our largest area of concern is between Marsh Road and the location of Out of the Box (79 Waterville Road).

A resident on this stretch of road, Ariel Morgan, brought this issue to us, concerned about safety for herself and her family. Of further concern to this Council, was the advice she received from her realtor "against buying the house because it was situated on [this] stretch of road." Belfast is a growing city with demand for housing that exceeds its supply. We want to encourage the growth of residential housing and respond to the concerns of current residents.

The City of Belfast Police Department conducted a speed study this past summer led by Officer Ethan Fitzjurls. Based on the data in the study, Chief Robert Cormier and Officer Fitzjurls concluded a reduction of speed near the Doak Road would be beneficial to safety.

A link to the full study has been attached to this letter and can also be found at <https://www.cityofbelfast.org/ArchiveCenter/ViewFile/Item/4719>

We believe people heading westbound out of Belfast cross into what is currently a 50-mph zone near the Marsh Road and feel an inaccurate and potentially dangerous sense of freedom as they are leaving town. We are confident a speed change would effectively signal this stretch of road is in fact a residential neighbor, rather than a highway.

Belfast City Council appreciates your consideration. Please let us know if you have any questions or if we can be of further assistance.

Respectfully submitted by the Belfast Mayor and City Council,

Mayor Eric Sanders

Councilor Brenda Bonneville

Councilor Mary Mortier

Councilor Chris Bitely

Councilor Neal Harkness

Councilor Paul Dean

Inbound Data

ALL TRAFFIC
SOLUTIONS



Volume by Time

Matthews Rd, EB

Start: 2024-06-19

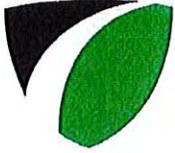
End: 2024-06-23

Times: 0:00:00-23:59:59

Speed Bins: Size 10, Range 1 to 150

Time View: By Day (Total Volumes)

Date	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
06-19	21	6	8	41	85	218	310	368	347	352	328	357	297	299	275	267	252	239	216	159	88	80	54	37	4702
06-20	20	17	13	37	90	227	374	414	380	342	335	291	301	322	250	229	225	228	221	176	91	44	23	31	4681
06-21	29	16	22	25	89	200	305	397	340	358	329	300	316	292	266	268	260	228	202	201	155	110	90	88	4886
06-22	40	16	5	25	27	74	173	214	249	283	298	304	295	262	255	276	207	203	170	204	128	110	85	46	3949
06-23	32	6	14	16	28	74	95	206	209	236	238	217	242	211	232	254	199	225	161	117	103	55	41	31	3242
Total	142	61	62	144	319	793	1257	1599	1525	1571	1526	1469	1451	1386	1278	1294	1143	1123	970	857	665	399	293	233	21460



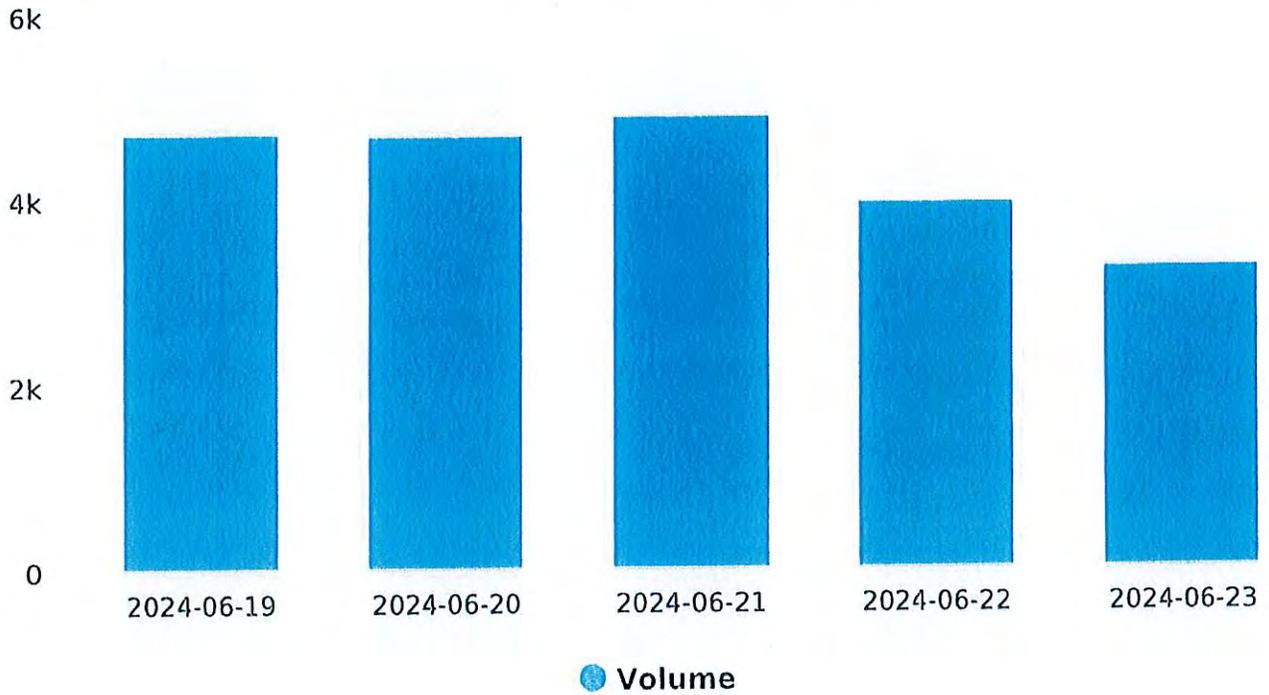
Start: 2024-06-19
End: 2024-06-23
Times: 0:00:00-23:59:59

Volume by Time

Matthews Rd, EB

Speed Bins: Size 10, Range 1 to 150
Time View: By Day (Total Volumes)

Daily Total Volume





Volume by Speed
Matthews Rd, EB

Start: 2024-06-19

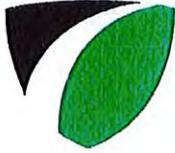
End: 2024-06-23

Times: 0:00:00-23:59:59

Speed Bins: Size 5, Range 1 to 150

Time View: By Hour (Total Volumes)

Time	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 to 40	41 to 45	46 to 50	51 to 55	56 to 60	61 to 65	66 to 70	71 to 75	76 to 80	81 to 85	86 to 90	91 to 95	96 to 100	101 to 150	Avg Speed	Total
0:00	0	1	1	2	5	6	12	13	44	39	13	5	0	1	0	0	0	0	0	0	0	42.6	142
1:00	0	0	0	2	3	9	12	11	9	7	3	0	5	0	0	0	0	0	0	0	0	38.6	61
2:00	0	0	1	0	0	0	0	2	10	24	12	10	1	1	1	0	0	0	0	0	0	49.8	62
3:00	0	3	1	0	2	6	8	23	39	40	11	7	4	0	0	0	0	0	0	0	0	43.4	144
4:00	0	1	2	0	2	3	11	26	95	96	49	22	7	2	2	1	0	0	0	0	0	46.7	319
5:00	0	1	1	2	2	5	14	29	156	287	168	93	20	9	4	1	1	0	0	0	0	49.2	793
6:00	0	0	2	3	3	4	19	48	218	426	323	162	41	3	5	0	0	0	0	0	0	49.6	1257
7:00	0	0	2	3	8	10	24	64	301	560	403	166	46	7	1	3	1	0	0	0	0	49.0	1599
8:00	0	1	5	3	4	6	21	87	326	518	356	149	41	5	2	1	0	0	0	0	0	48.5	1525
9:00	0	0	2	2	4	7	20	79	337	546	356	168	39	10	1	0	0	0	0	0	0	48.7	1571
10:00	0	1	7	6	5	8	22	78	319	490	386	173	27	2	1	1	0	0	0	0	0	48.5	1526
11:00	0	0	1	0	3	5	15	67	306	490	365	177	34	5	1	0	0	0	0	0	0	49.0	1469
12:00	0	1	2	6	5	9	24	81	310	463	374	143	31	2	0	0	0	0	0	0	0	48.3	1451
13:00	0	0	7	3	2	4	18	78	280	478	336	140	36	3	1	0	0	0	0	0	0	48.6	1386
14:00	0	0	8	4	3	7	18	75	254	439	315	119	28	7	1	0	0	0	0	0	0	48.4	1278
15:00	0	0	2	0	1	2	14	60	238	411	363	164	32	3	0	4	0	0	0	0	0	49.6	1294
16:00	0	0	2	3	3	5	10	61	227	325	319	145	36	3	1	0	0	3	0	0	0	49.5	1143
17:00	0	1	0	2	2	3	9	62	217	374	272	132	36	8	3	2	0	0	0	0	0	49.3	1123
18:00	0	2	2	1	3	4	16	58	178	344	229	100	28	3	0	0	0	0	0	0	2	48.8	970
19:00	0	1	3	2	4	7	12	61	203	290	167	67	32	6	2	0	0	0	0	0	0	48.0	857
20:00	0	1	0	0	3	4	12	57	158	190	96	30	12	1	1	0	0	0	0	0	0	46.8	565
21:00	0	0	4	3	1	6	19	47	106	156	40	13	4	0	0	0	0	0	0	0	0	44.8	399
22:00	0	4	3	0	1	1	9	34	82	95	41	18	5	0	0	0	0	0	0	0	0	45.5	293
23:00	0	3	0	0	1	2	3	20	84	86	27	6	0	1	0	0	0	0	0	0	0	45.4	233
Total	0	21	58	47	70	123	342	1221	4497	7174	5024	2209	545	82	27	13	2	3	0	2	0	48.5	21460



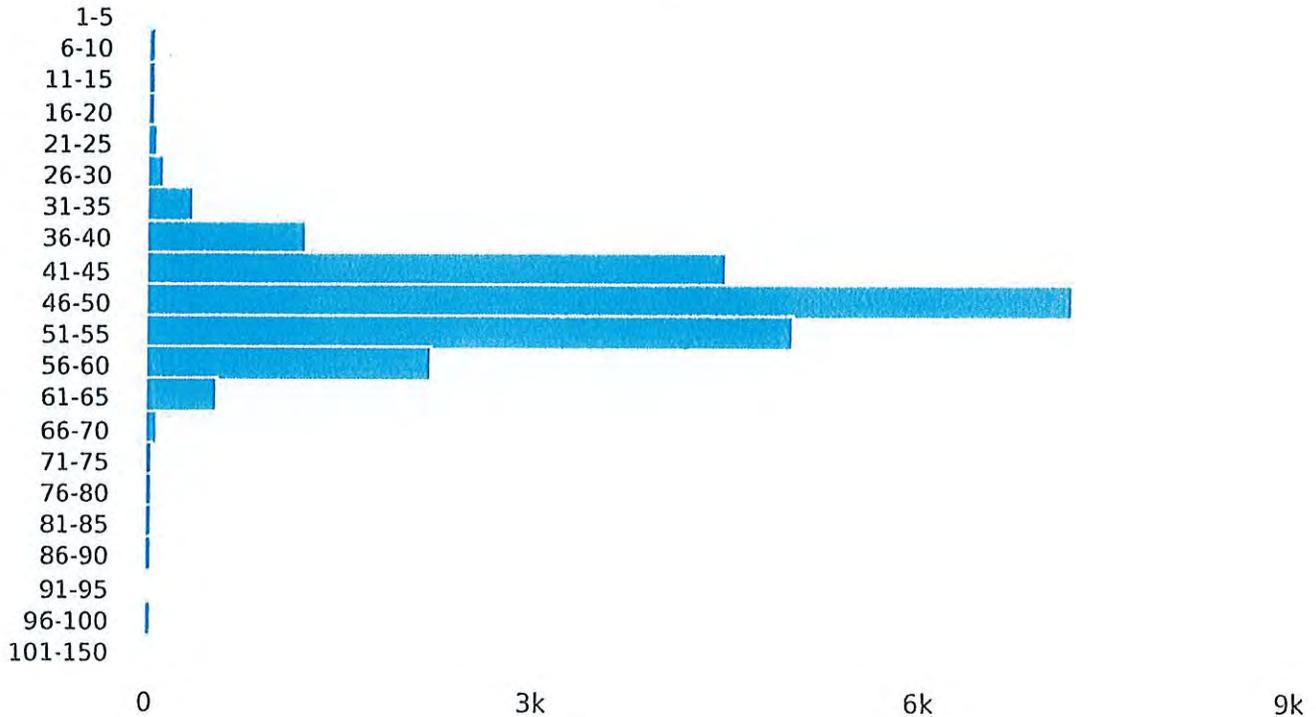
Start: 2024-06-19
End: 2024-06-23
Times: 0:00:00-23:59:59

Volume by Speed

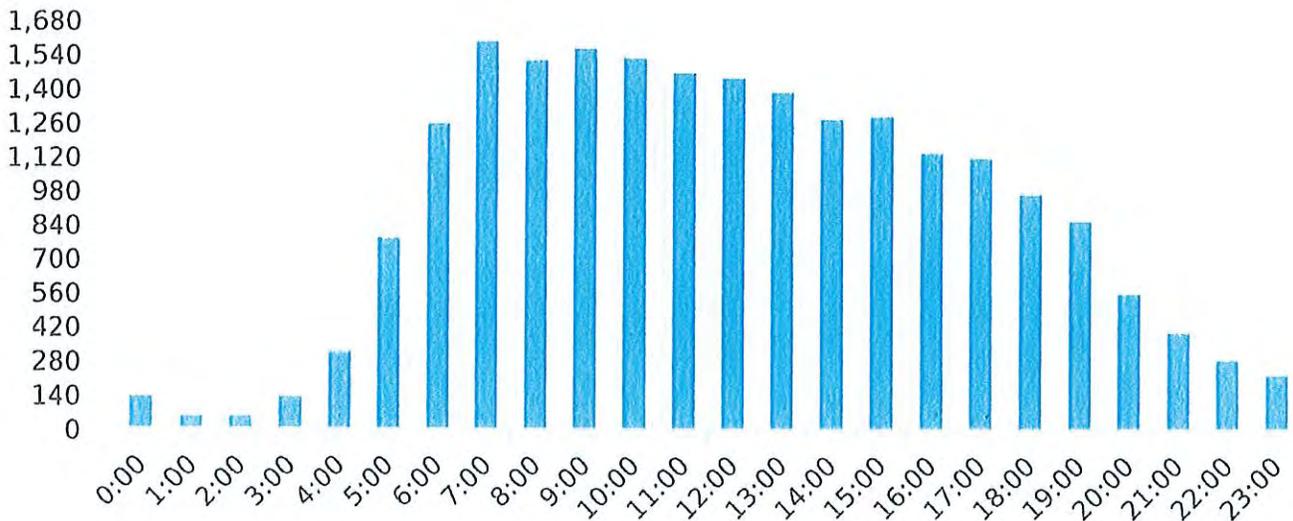
Matthews Rd, EB

Speed Bins: Size 5, Range 1 to 150
Time View: By Hour (Total Volumes)

Total Volume by Speed Distribution



Volume over Time





Compliance & Risk Report

Matthews Rd, EB

Start: 2024-06-19
 End: 2024-06-23
 Times: 0:00:00-23:59:59

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Total Volumes)

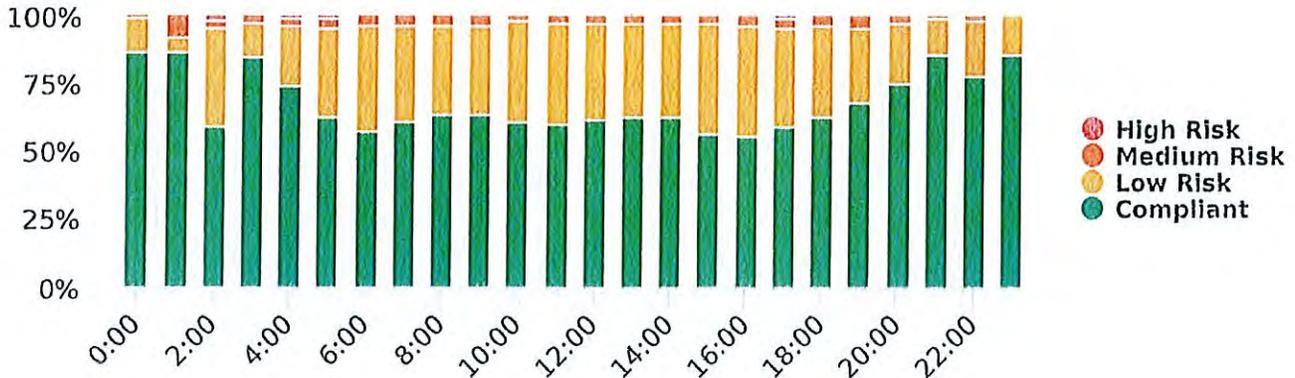
Time	Speed Limit	Mode	Compliant	Low Risk	Medium Risk	High Risk	Total Num Vehicles
0:00	50	Dependent Messages	123	18	1	0	142
1:00	50	Dependent Messages	53	3	5	0	61
2:00	50	Dependent Messages	37	22	2	1	62
3:00	50	Dependent Messages	122	18	4	0	144
4:00	50	Dependent Messages	236	71	9	3	319
5:00	50	Dependent Messages	497	261	29	6	793
6:00	50	Dependent Messages	723	485	44	5	1257
7:00	50	Dependent Messages	972	569	53	5	1599
8:00	50	Dependent Messages	971	505	46	3	1525
9:00	50	Dependent Messages	997	524	49	1	1571
10:00	50	Dependent Messages	936	559	29	2	1526
11:00	50	Dependent Messages	887	542	39	1	1469
12:00	50	Dependent Messages	901	517	33	0	1451
13:00	50	Dependent Messages	870	476	39	1	1386
14:00	50	Dependent Messages	808	434	35	1	1278
15:00	50	Dependent Messages	728	527	35	4	1294
16:00	50	Dependent Messages	636	464	39	4	1143
17:00	50	Dependent Messages	670	404	44	5	1123
18:00	50	Dependent Messages	608	329	31	2	970
19:00	50	Dependent Messages	583	234	38	2	857
20:00	50	Dependent Messages	425	126	13	1	565
21:00	50	Dependent Messages	342	53	4	0	399
22:00	50	Dependent Messages	229	59	5	0	293
23:00	50	Dependent Messages	199	33	1	0	233
Total			13553	7233	627	47	21460



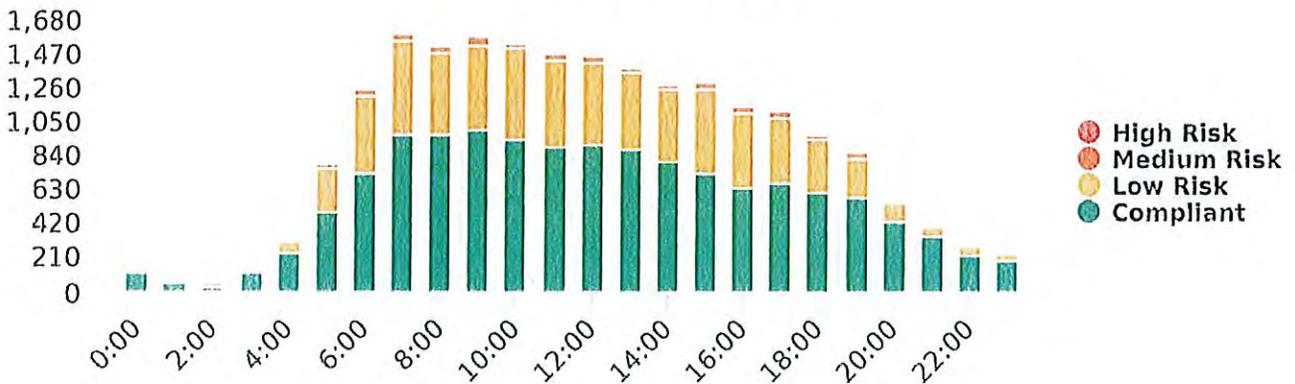
Start: 2024-06-19
 End: 2024-06-23
 Times: 0:00:00-23:59:59

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Total Volumes)

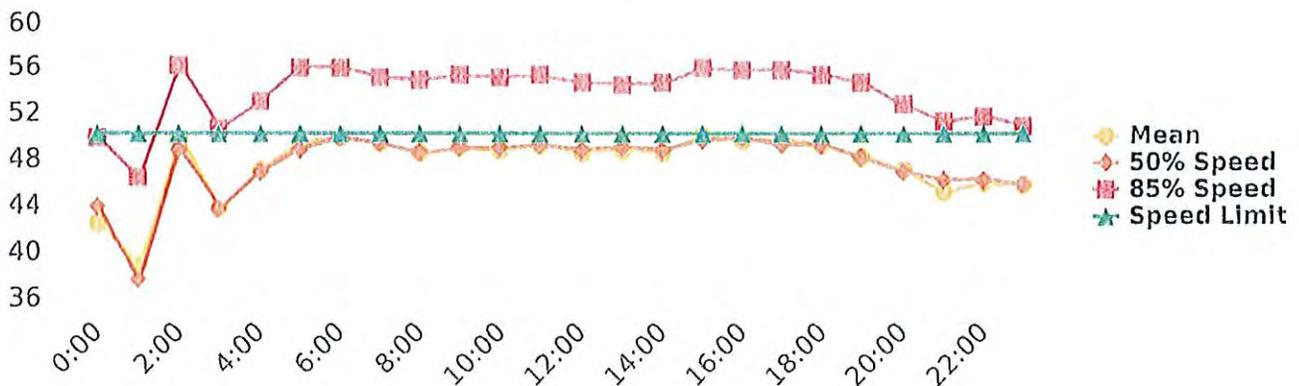
Compliance % by Hour (Totals)



Compliance by Hour (Totals)



Speeds





Enforcement Priorities Report

Matthews Rd, EB

Start: 2024-06-19

Violation Threshold: Speed Limit +10

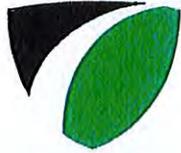
End: 2024-06-23

Speed Range: 1 to 150

Times: 0:00:00-23:59:59

Rank Results By: 85% Speed

#	Site	Day of Week	Time	Speed Limit	Average Speed	Average Violator Speed	85% Speed	Average # Vehicles	Average # Violators
1	Matthews Rd, EB	Thu	15:00 - 16:00	50	51.0	62.0	58.0	229	14
2	Matthews Rd, EB	Wed	7:00 - 8:00	50	51.2	64.9	57.5	368	23
3	Matthews Rd, EB	Wed	6:00 - 7:00	50	50.0	63.8	57.0	310	18
4	Matthews Rd, EB	Sun	6:00 - 7:00	50	50.0	61.0	57.0	95	1
5	Matthews Rd, EB	Wed	8:00 - 9:00	50	49.0	63.9	57.0	347	17
6	Matthews Rd, EB	Wed	15:00 - 16:00	50	51.0	67.3	57.0	267	12
7	Matthews Rd, EB	Wed	17:00 - 18:00	50	51.0	63.8	57.0	239	21
8	Matthews Rd, EB	Thu	11:00 - 12:00	50	50.0	63.2	57.0	291	14
9	Matthews Rd, EB	Sat	18:00 - 19:00	50	50.0	62.0	57.0	170	7
10	Matthews Rd, EB	Thu	16:00 - 17:00	50	49.2	62.0	56.5	225	10
11	Matthews Rd, EB	Sun	7:00 - 8:00	50	48.5	66.5	56.3	206	11
12	Matthews Rd, EB	Wed	16:00 - 17:00	50	51.2	68.8	56.2	252	16
13	Matthews Rd, EB	Wed	5:00 - 6:00	50	50.0	68.6	56.0	218	9
14	Matthews Rd, EB	Sun	15:00 - 16:00	50	49.0	63.3	56.0	254	4
15	Matthews Rd, EB	Sun	14:00 - 15:00	50	49.0	64.9	56.0	232	13
16	Matthews Rd, EB	Sun	17:00 - 18:00	50	49.0	66.6	56.0	225	10
17	Matthews Rd, EB	Wed	9:00 - 10:00	50	49.0	63.9	56.0	352	13
18	Matthews Rd, EB	Wed	13:00 - 14:00	50	49.1	62.7	56.0	299	13
19	Matthews Rd, EB	Wed	18:00 - 19:00	50	49.0	63.0	56.0	216	10
20	Matthews Rd, EB	Thu	5:00 - 6:00	50	50.0	64.0	56.0	227	11
21	Matthews Rd, EB	Thu	6:00 - 7:00	50	50.0	65.7	56.0	374	15
22	Matthews Rd, EB	Fri	2:00 - 3:00	50	51.0	74.0	56.0	22	1
23	Matthews Rd, EB	Fri	5:00 - 6:00	50	49.0	67.3	56.0	200	7
24	Matthews Rd, EB	Fri	10:00 - 11:00	50	48.5	62.7	56.0	329	9
25	Matthews Rd, EB	Fri	11:00 - 12:00	50	49.0	64.0	56.0	300	5



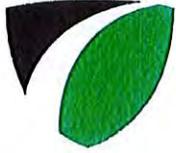
Speed Effectiveness Report

Matthews Rd, EB

Start: 2024-06-19
 End: 2024-06-23
 Times: 0:00:00-23:59:59

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Avg Volumes)

Time	Speed Limit	Sign Mode	Compliant Avg Final Speed	Compliant Change In Speed	Low Risk Avg Final Speed	Low Risk Change In Speed	Medium Risk Avg Final Speed	Medium Risk Change In Speed	High Risk Avg Final Speed	High Risk Change In Speed	% of Vehicles Slowed
0:00	50	Dependent Messages	40.7	-2.3	54.2	-1.4	68.0	0.0	n/a	n/a	67.9%
1:00	50	Dependent Messages	35.5	-2.2	51.7	-3.3	62.8	0.8	n/a	n/a	68.7%
2:00	50	Dependent Messages	45.1	-1.6	54.9	-1.5	66.5	-0.5	74.0	0.0	62.8%
3:00	50	Dependent Messages	41.1	-2.2	54.9	-1.7	62.0	-0.5	n/a	n/a	68.2%
4:00	50	Dependent Messages	43.4	-1.6	54.1	-1.3	64.8	0.2	74.7	0.0	58.3%
5:00	50	Dependent Messages	45.1	-2.1	54.7	-1.8	63.9	-1.6	74.7	-0.7	70.2%
6:00	50	Dependent Messages	45.4	-2.3	54.4	-1.4	63.0	0.0	72.8	-0.2	68.8%
7:00	50	Dependent Messages	45.1	-2.1	54.1	-0.9	63.1	0.1	77.0	1.6	63.6%
8:00	50	Dependent Messages	44.7	-2.4	54.3	-0.8	63.1	0.0	74.0	2.3	65.7%
9:00	50	Dependent Messages	44.9	-2.3	54.4	-0.7	63.7	0.1	73.0	0.0	63.6%
10:00	50	Dependent Messages	44.4	-2.2	54.4	-0.6	63.2	-0.5	73.5	-0.5	63.3%
11:00	50	Dependent Messages	45.1	-2.4	54.3	-0.7	62.7	0.0	71.0	0.0	64.3%
12:00	50	Dependent Messages	44.5	-2.3	54.1	-0.8	62.8	0.0	n/a	n/a	63.0%
13:00	50	Dependent Messages	44.9	-2.2	54.0	-0.7	63.3	-0.1	71.0	3.0	61.8%
14:00	50	Dependent Messages	44.6	-2.2	54.0	-0.9	63.7	0.4	71.0	-4.0	64.0%
15:00	50	Dependent Messages	45.2	-2.4	54.6	-0.9	62.6	0.1	78.0	2.0	63.7%
16:00	50	Dependent Messages	44.9	-2.4	54.5	-1.0	62.7	0.0	84.8	1.5	64.0%
17:00	50	Dependent Messages	45.1	-2.3	54.4	-0.9	63.5	-0.1	74.6	0.0	62.6%
18:00	50	Dependent Messages	44.8	-2.5	54.4	-1.0	63.2	0.4	99.0	-1.0	67.1%
19:00	50	Dependent Messages	44.4	-2.3	54.1	-1.0	63.5	-0.2	72.0	1.5	64.6%
20:00	50	Dependent Messages	44.2	-2.1	53.8	-1.2	62.3	-0.5	73.0	2.0	63.4%
21:00	50	Dependent Messages	43.1	-1.9	54.3	-0.6	63.0	-1.0	n/a	n/a	61.5%
22:00	50	Dependent Messages	43.0	-2.0	53.9	-0.8	62.8	-1.0	n/a	n/a	63.5%
23:00	50	Dependent Messages	43.9	-1.6	53.8	-0.7	67.0	-1.0	n/a	n/a	61.5%



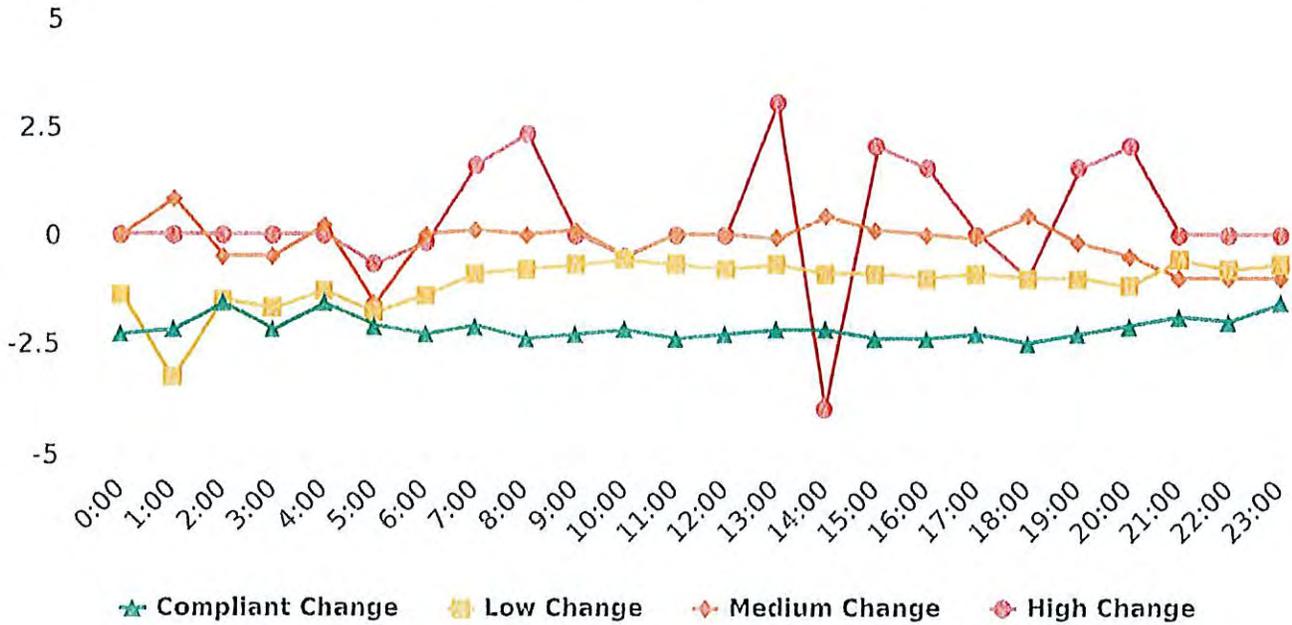
Speed Effectiveness Report

Matthews Rd, EB

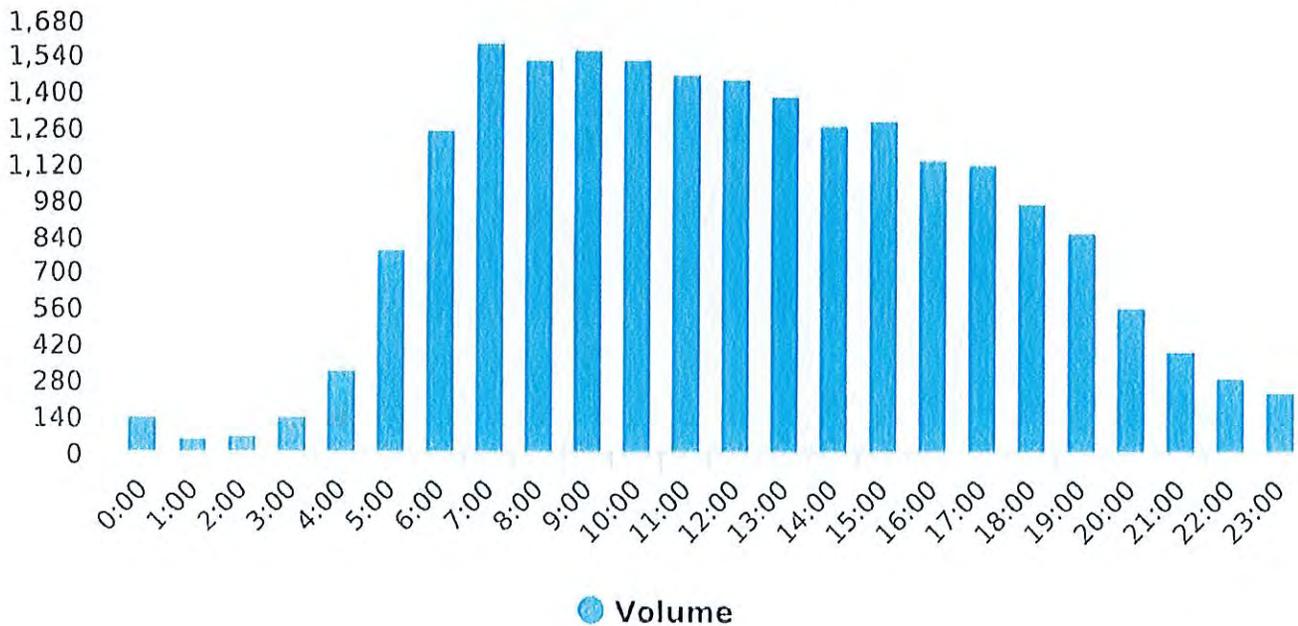
Start: 2024-06-19
 End: 2024-06-23
 Times: 0:00:00-23:59:59

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Avg Volumes)

Changes in Speed by Risk Threshold



Volume by Time (Average)





Extended Speed Summary

Matthews Rd, EB

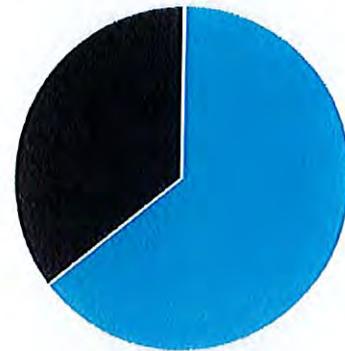
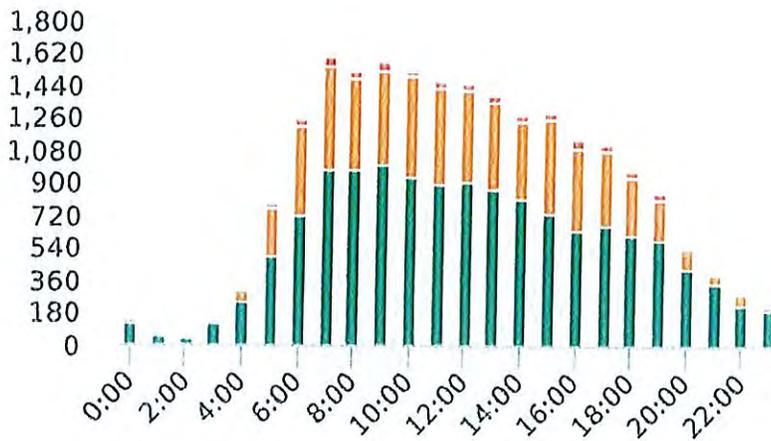
Start: 2024-06-19
 End: 2024-06-23
 Times: 0:00:00-23:59:59

Violation Threshold: Speed Limit + 10
 Speed Range: 1 to 150

Overall Summary

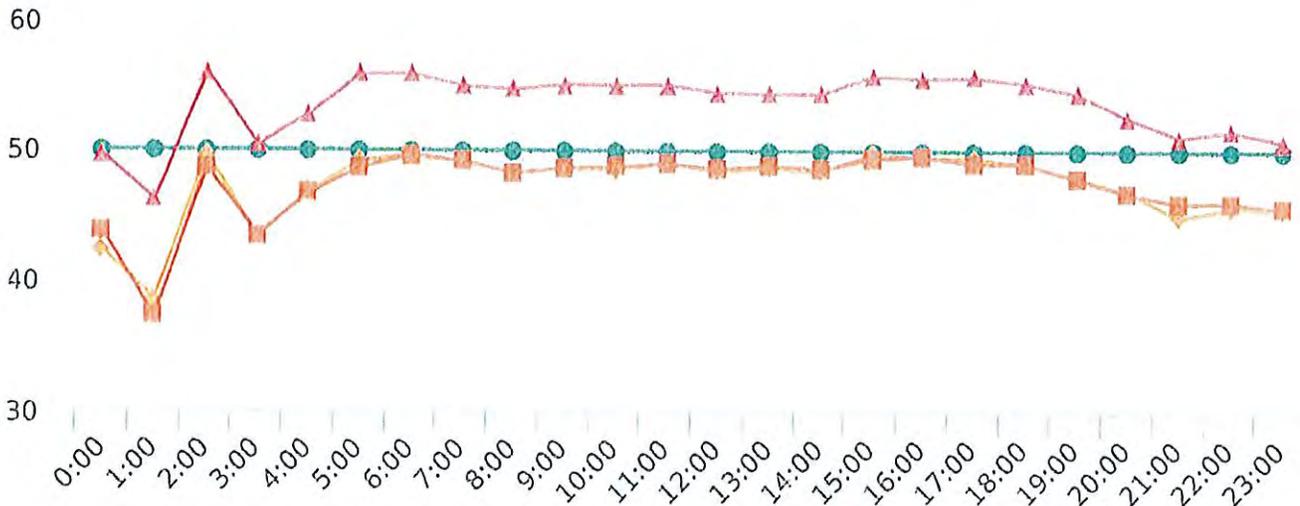
Total Days of Data: 5
 Speed Limit: 50
 Average Speed: 48.53
 50th Percentile Speed: 48.55
 85th Percentile Speed: 54.68
 Pace Speed Range: 44-54

Minimum Speed: 10
 Maximum Speed: 100
 Display Mode: Dependent Messages
 Average Volume per Day: 4292.0
 Total Volume: 21460

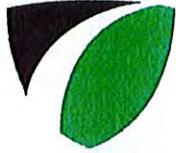


Violators Inside Threshold Compliant

Vehicles Slowed Other



Speed Limit Average Speed 50% Speed 85% Speed



Extended Speed Summary

Matthews Rd, EB

Start: 2024-06-19

End: 2024-06-23

Times: 0:00:00-23:59:59

Violation Threshold: Speed Limit + 10

Speed Range: 1 to 150

Time	Sign Mode	Speed Limit	Total # Vehicles	Total # Violator	% Violator	Avg # Vehicles	Avg # Violators	Min Speed	Max Speed	Avg Speed	50% Speed	85% Speed	Sign Effectiveness
0:00	Dependent Messages	50	142	1	0.7%	28.4	0.2	10	68	42.2	43.7	49.6	67.9%
1:00	Dependent Messages	50	61	5	8.2%	12.2	1.0	20	64	38.6	37.2	46.1	68.7%
2:00	Dependent Messages	50	62	3	4.8%	12.4	0.6	11	74	49.6	48.6	55.9	62.8%
3:00	Dependent Messages	50	144	4	2.8%	28.8	0.8	10	63	43.4	43.5	50.4	68.2%
4:00	Dependent Messages	50	319	12	3.8%	63.8	2.4	10	78	46.9	46.7	52.8	58.3%
5:00	Dependent Messages	50	793	35	4.4%	158.6	7.0	10	81	49.2	48.6	55.8	70.2%
6:00	Dependent Messages	50	1257	49	3.9%	251.4	9.8	13	74	49.6	49.6	55.8	68.8%
7:00	Dependent Messages	50	1599	58	3.6%	319.8	11.6	14	82	49.1	49.1	54.9	63.6%
8:00	Dependent Messages	50	1525	49	3.2%	305.0	9.8	10	76	48.3	48.3	54.7	65.7%
9:00	Dependent Messages	50	1571	50	3.2%	314.2	10.0	12	73	48.7	48.7	55.0	63.6%
10:00	Dependent Messages	50	1526	31	2.0%	305.2	6.2	10	76	48.5	48.7	55.0	63.3%
11:00	Dependent Messages	50	1469	40	2.7%	293.8	8.0	14	71	49.0	49.0	55.0	64.3%
12:00	Dependent Messages	50	1451	33	2.3%	290.2	6.6	10	68	48.4	48.6	54.4	63.0%
13:00	Dependent Messages	50	1386	40	2.9%	277.2	8.0	11	71	48.6	48.8	54.4	61.8%
14:00	Dependent Messages	50	1278	36	2.8%	255.6	7.2	11	71	48.4	48.6	54.4	64.0%
15:00	Dependent Messages	50	1294	39	3.0%	258.8	7.8	14	80	49.8	49.4	55.7	63.7%
16:00	Dependent Messages	50	1143	43	3.8%	228.6	8.6	11	90	49.4	49.6	55.5	64.0%
17:00	Dependent Messages	50	1123	49	4.4%	224.6	9.8	10	77	49.4	49.0	55.6	62.6%
18:00	Dependent Messages	50	970	33	3.4%	194.0	6.6	10	100	49.0	49.0	55.2	67.1%
19:00	Dependent Messages	50	857	40	4.7%	171.4	8.0	10	73	48.0	47.8	54.4	64.6%
20:00	Dependent Messages	50	565	14	2.5%	113.0	2.8	10	73	46.8	46.7	52.5	63.4%
21:00	Dependent Messages	50	399	4	1.0%	79.8	0.8	11	64	44.9	46.0	51.1	61.5%
22:00	Dependent Messages	50	293	5	1.7%	58.6	1.0	10	65	45.7	46.1	51.6	63.5%
23:00	Dependent Messages	50	233	1	0.4%	46.6	0.2	10	67	45.5	45.6	50.7	61.5%
Total Volumes/Avg			21460	674	3.1%	4292.0	134.8	10	100	47.4	47.4	53.6	64.4%
Total/Avg w/o Feedback			0	0	0	0.0	0.0	n/a	n/a	n/a	n/a	n/a	n/a
Total/Avg w/ Feedback			21460	674	3.1%	4292.0	134.8	10	100	47.4	47.4	53.6	64.4%

Date	Time	Resolution	Total Volume	Max Speed	Min Speed	Mean Speed	85% Speed	Median Speed	Pace Speed
2024-06-19	00:00:00.0 600000		21	57	33	46.0	53.0	46.0	46.0
2024-06-19	01:00:00.0 600000		0	0	0	0.0	0.0	0.0	0.0
2024-06-19	01:15:00.0 600000		6	51	32	42.0	49.0	36.0	41.0
2024-06-19	02:00:00.0 600000		8	59	40	50.0	54.0	50.0	52.0
2024-06-19	03:00:00.0 600000		8	51	10	39.0	49.0	41.0	46.0
2024-06-19	03:30:00.0 600000		33	60	34	45.0	49.0	43.0	45.0
2024-06-19	04:00:00.0 600000		16	50	38	45.0	48.0	44.0	46.0
2024-06-19	04:15:00.0 600000		69	64	30	47.0	53.0	47.0	49.0
2024-06-19	05:00:00.0 600000		218	81	31	50.0	56.0	49.0	50.0
2024-06-19	06:00:00.0 600000		310	72	15	50.0	57.0	50.0	50.0
2024-06-19	07:00:00.0 600000		40	82	20	53.0	62.0	52.0	51.0
2024-06-19	07:05:00.0 600000		328	68	17	51.0	57.0	51.0	52.0
2024-06-19	08:00:00.0 600000		347	70	10	49.0	57.0	49.0	47.0
2024-06-19	09:00:00.0 600000		352	67	24	49.0	56.0	49.0	49.0
2024-06-19	10:00:00.0 600000		25	62	32	50.0	56.0	49.0	51.0
2024-06-19	10:05:00.0 600000		301	71	18	49.0	55.0	49.0	49.0
2024-06-19	11:00:00.0 600000		357	63	35	49.0	55.0	49.0	49.0
2024-06-19	12:00:00.0 600000		297	67	17	48.0	54.0	49.0	49.0
2024-06-19	13:00:00.0 600000		27	61	38	50.0	56.0	49.0	51.0
2024-06-19	13:05:00.0 600000		272	65	11	49.0	56.0	50.0	51.0
2024-06-19	14:00:00.0 600000		275	65	14	49.0	55.0	49.0	50.0
2024-06-19	15:00:00.0 600000		267	80	14	51.0	57.0	51.0	52.0
2024-06-19	16:00:00.0 600000		47	72	40	52.0	57.0	52.0	53.0
2024-06-19	16:10:00.0 600000		205	90	26	51.0	56.0	51.0	49.0

2024-06-19	17:00:00.0 600000	239	71	22	51.0	57.0	50.0	51.0
2024-06-19	18:00:00.0 600000	216	65	10	49.0	56.0	49.0	51.0
2024-06-19	19:00:00.0 600000	5	55	24	42.0	54.0	47.0	51.0
2024-06-19	19:05:00.0 600000	154	71	34	49.0	55.0	49.0	51.0
2024-06-19	20:00:00.0 600000	88	61	10	47.0	55.0	47.0	47.0
2024-06-19	21:00:00.0 600000	80	64	11	45.0	54.0	45.0	44.0
2024-06-19	22:00:00.0 600000	12	50	40	46.0	49.0	46.0	45.0
2024-06-19	22:05:00.0 600000	42	65	10	46.0	54.0	47.0	46.0
2024-06-19	23:00:00.0 600000	37	59	10	43.0	49.0	45.0	44.0
2024-06-20	00:00:00.0 600000	20	54	19	42.0	49.0	44.0	45.0
2024-06-20	01:00:00.0 600000	0	0	0	0.0	0.0	0.0	0.0
2024-06-20	01:05:00.0 600000	17	62	20	36.0	39.0	36.0	36.0
2024-06-20	02:00:00.0 600000	13	70	11	47.0	58.0	47.0	44.0
2024-06-20	03:00:00.0 600000	10	54	10	40.0	52.0	46.0	49.0
2024-06-20	03:30:00.0 600000	27	61	24	45.0	53.0	45.0	44.0
2024-06-20	04:00:00.0 600000	18	56	39	46.0	48.0	45.0	46.0
2024-06-20	04:15:00.0 600000	72	78	34	51.0	57.0	49.0	46.0
2024-06-20	05:00:00.0 600000	227	72	10	50.0	56.0	49.0	49.0
2024-06-20	06:00:00.0 600000	374	74	13	50.0	56.0	50.0	51.0
2024-06-20	07:00:00.0 600000	96	65	22	49.0	56.0	49.0	50.0
2024-06-20	07:15:00.0 600000	318	65	28	50.0	55.0	50.0	49.0
2024-06-20	08:00:00.0 600000	380	70	31	49.0	55.0	49.0	50.0
2024-06-20	09:00:00.0 600000	342	73	14	49.0	55.0	49.0	48.0
2024-06-20	10:00:00.0 600000	105	60	39	50.0	55.0	50.0	50.0
2024-06-20	10:15:00.0 600000	230	65	14	48.0	55.0	49.0	48.0

2024-06-20	11:00:00.0 600000	291	71	14	50.0	57.0	50.0	49.0
2024-06-20	12:00:00.0 600000	301	63	15	49.0	55.0	49.0	49.0
2024-06-20	13:00:00.0 600000	82	59	31	48.0	56.0	47.0	48.0
2024-06-20	13:15:00.0 600000	240	71	32	49.0	54.0	49.0	47.0
2024-06-20	14:00:00.0 600000	250	68	33	50.0	55.0	49.0	50.0
2024-06-20	15:00:00.0 600000	229	64	37	51.0	58.0	50.0	50.0
2024-06-20	16:00:00.0 600000	55	59	26	50.0	55.0	51.0	52.0
2024-06-20	16:15:00.0 600000	170	63	11	49.0	57.0	50.0	50.0
2024-06-20	17:00:00.0 600000	228	64	22	49.0	54.0	48.0	50.0
2024-06-20	18:00:00.0 600000	221	66	10	48.0	54.0	49.0	47.0
2024-06-20	19:00:00.0 600000	34	59	15	45.0	53.0	47.0	48.0
2024-06-20	19:15:00.0 600000	142	66	10	47.0	55.0	48.0	47.0
2024-06-20	20:00:00.0 600000	91	63	29	45.0	49.0	45.0	45.0
2024-06-20	21:00:00.0 600000	44	54	12	44.0	50.0	44.0	46.0
2024-06-20	22:00:00.0 600000	6	51	42	45.0	50.0	43.0	47.0
2024-06-20	22:15:00.0 600000	17	64	10	44.0	57.0	46.0	55.0
2024-06-20	23:00:00.0 600000	31	53	41	46.0	49.0	45.0	46.0
2024-06-21	00:00:00.0 600000	29	68	20	40.0	49.0	42.0	41.0
2024-06-21	01:00:00.0 600000	6	37	20	30.0	35.0	30.0	32.0
2024-06-21	01:15:00.0 600000	10	52	21	37.0	49.0	37.0	47.0
2024-06-21	02:00:00.0 600000	22	74	44	51.0	56.0	49.0	51.0
2024-06-21	03:00:00.0 600000	3	51	42	46.0	51.0	44.0	47.0
2024-06-21	03:30:00.0 600000	22	63	24	43.0	50.0	43.0	45.0
2024-06-21	04:00:00.0 600000	17	52	10	42.0	47.0	44.0	44.0
2024-06-21	04:15:00.0 600000	72	65	13	48.0	55.0	48.0	49.0

2024-06-21	05:00:00.0 600000	200	77	21	49.0	56.0	49.0	48.0
2024-06-21	06:00:00.0 600000	305	65	25	49.0	54.0	49.0	50.0
2024-06-21	07:00:00.0 600000	86	58	22	47.0	52.0	49.0	48.0
2024-06-21	07:15:00.0 600000	311	65	24	47.0	52.0	47.0	47.0
2024-06-21	08:00:00.0 600000	340	64	11	47.0	53.0	47.0	47.0
2024-06-21	09:00:00.0 600000	358	69	12	49.0	55.0	49.0	49.0
2024-06-21	10:00:00.0 600000	83	62	11	47.0	56.0	48.0	49.0
2024-06-21	10:15:00.0 600000	246	66	10	49.0	56.0	49.0	49.0
2024-06-21	11:00:00.0 600000	300	67	22	49.0	56.0	49.0	51.0
2024-06-21	12:00:00.0 600000	316	65	10	49.0	56.0	49.0	50.0
2024-06-21	13:00:00.0 600000	54	59	37	50.0	55.0	50.0	49.0
2024-06-21	13:15:00.0 600000	238	67	14	49.0	55.0	49.0	49.0
2024-06-21	14:00:00.0 600000	266	62	12	47.0	54.0	48.0	49.0
2024-06-21	15:00:00.0 600000	268	65	14	49.0	54.0	48.0	47.0
2024-06-21	16:00:00.0 600000	75	62	31	49.0	55.0	49.0	49.0
2024-06-21	16:15:00.0 600000	185	64	14	50.0	56.0	50.0	49.0
2024-06-21	17:00:00.0 600000	228	76	16	49.0	56.0	49.0	49.0
2024-06-21	18:00:00.0 600000	202	100	33	50.0	55.0	49.0	49.0
2024-06-21	19:00:00.0 600000	16	53	14	46.0	52.0	49.0	48.0
2024-06-21	19:05:00.0 600000	185	73	22	49.0	56.0	48.0	47.0
2024-06-21	20:00:00.0 600000	155	73	35	48.0	53.0	47.0	45.0
2024-06-21	21:00:00.0 600000	110	64	18	46.0	52.0	47.0	47.0
2024-06-21	22:00:00.0 600000	13	54	38	45.0	47.0	44.0	43.0
2024-06-21	22:05:00.0 600000	77	59	34	46.0	50.0	46.0	45.0
2024-06-21	23:00:00.0 600000	88	58	10	46.0	52.0	46.0	47.0

2024-06-22	00:00:00.0 600000	40	52	15	43.0	49.0	45.0	47.0
2024-06-22	01:00:00.0 600000	2	49	42	46.0	49.0	42.0	46.0
2024-06-22	01:05:00.0 600000	14	64	31	48.0	62.0	46.0	47.0
2024-06-22	02:00:00.0 600000	5	58	49	54.0	56.0	53.0	54.0
2024-06-22	03:00:00.0 600000	14	50	31	44.0	49.0	45.0	45.0
2024-06-22	03:30:00.0 600000	11	61	11	46.0	55.0	49.0	49.0
2024-06-22	04:00:00.0 600000	3	53	41	47.0	53.0	47.0	47.0
2024-06-22	04:15:00.0 600000	24	55	24	43.0	51.0	44.0	47.0
2024-06-22	05:00:00.0 600000	74	66	13	46.0	55.0	47.0	49.0
2024-06-22	06:00:00.0 600000	173	67	34	49.0	56.0	49.0	49.0
2024-06-22	07:00:00.0 600000	36	56	27	47.0	53.0	47.0	47.0
2024-06-22	07:15:00.0 600000	178	67	15	49.0	54.0	49.0	49.0
2024-06-22	08:00:00.0 600000	249	63	20	48.0	54.0	48.0	48.0
2024-06-22	09:00:00.0 600000	283	65	20	48.0	54.0	48.0	47.0
2024-06-22	10:00:00.0 600000	86	64	11	49.0	56.0	50.0	48.0
2024-06-22	10:15:00.0 600000	212	76	11	48.0	54.0	48.0	48.0
2024-06-22	11:00:00.0 600000	304	68	25	48.0	53.0	48.0	47.0
2024-06-22	12:00:00.0 600000	295	68	17	47.0	53.0	47.0	48.0
2024-06-22	13:00:00.0 600000	76	65	39	50.0	54.0	49.0	50.0
2024-06-22	13:15:00.0 600000	186	62	11	47.0	52.0	48.0	49.0
2024-06-22	14:00:00.0 600000	255	71	11	47.0	52.0	48.0	47.0
2024-06-22	15:00:00.0 600000	276	67	31	49.0	54.0	49.0	49.0
2024-06-22	16:00:00.0 600000	60	63	30	49.0	56.0	49.0	52.0
2024-06-22	16:15:00.0 600000	147	66	21	48.0	55.0	47.0	48.0
2024-06-22	17:00:00.0 600000	203	65	29	49.0	55.0	49.0	49.0

2024-06-22	18:00:00.0 600000	170	65	12	50.0	57.0	50.0	51.0
2024-06-22	19:00:00.0 600000	63	64	36	50.0	55.0	48.0	50.0
2024-06-22	19:15:00.0 600000	141	65	32	47.0	54.0	47.0	46.0
2024-06-22	20:00:00.0 600000	128	63	31	48.0	54.0	48.0	49.0
2024-06-22	21:00:00.0 600000	110	56	15	45.0	50.0	47.0	46.0
2024-06-22	22:00:00.0 600000	29	56	12	44.0	51.0	46.0	45.0
2024-06-22	22:15:00.0 600000	56	59	10	46.0	51.0	45.0	46.0
2024-06-22	23:00:00.0 600000	46	54	32	46.0	52.0	46.0	49.0
2024-06-23	00:00:00.0 600000	32	60	10	41.0	49.0	42.0	45.0
2024-06-23	01:00:00.0 600000	0	0	0	0.0	0.0	0.0	0.0
2024-06-23	01:15:00.0 600000	6	40	21	29.0	32.0	27.0	28.0
2024-06-23	02:00:00.0 600000	14	58	41	48.0	55.0	47.0	46.0
2024-06-23	03:00:00.0 600000	9	52	34	43.0	50.0	45.0	46.0
2024-06-23	03:30:00.0 600000	7	47	26	34.0	44.0	27.0	27.0
2024-06-23	04:00:00.0 600000	0	0	0	0.0	0.0	0.0	0.0
2024-06-23	04:15:00.0 600000	28	51	13	41.0	47.0	43.0	44.0
2024-06-23	05:00:00.0 600000	74	67	27	48.0	55.0	47.0	48.0
2024-06-23	06:00:00.0 600000	95	61	34	50.0	57.0	50.0	49.0
2024-06-23	07:00:00.0 600000	35	76	28	51.0	58.0	49.0	52.0
2024-06-23	07:15:00.0 600000	171	70	14	48.0	56.0	48.0	47.0
2024-06-23	08:00:00.0 600000	209	76	15	48.0	54.0	48.0	49.0
2024-06-23	09:00:00.0 600000	236	66	16	48.0	55.0	48.0	47.0
2024-06-23	10:00:00.0 600000	70	62	37	48.0	54.0	47.0	47.0
2024-06-23	10:15:00.0 600000	168	65	33	48.0	54.0	48.0	47.0
2024-06-23	11:00:00.0 600000	217	64	30	49.0	54.0	49.0	48.0

2024-06-23	12:00:00.0 600000	242	63	32	49.0	54.0	49.0	49.0
2024-06-23	13:00:00.0 600000	44	64	13	48.0	54.0	48.0	50.0
2024-06-23	13:15:00.0 600000	167	64	28	48.0	53.0	48.0	47.0
2024-06-23	14:00:00.0 600000	232	70	20	49.0	56.0	49.0	49.0
2024-06-23	15:00:00.0 600000	254	67	28	49.0	56.0	49.0	49.0
2024-06-23	16:00:00.0 600000	67	63	40	51.0	55.0	50.0	50.0
2024-06-23	16:15:00.0 600000	132	62	21	47.0	53.0	48.0	49.0
2024-06-23	17:00:00.0 600000	225	77	10	49.0	56.0	49.0	49.0
2024-06-23	18:00:00.0 600000	161	61	31	48.0	54.0	48.0	47.0
2024-06-23	19:00:00.0 600000	35	56	43	49.0	52.0	49.0	48.0
2024-06-23	19:15:00.0 600000	82	66	24	47.0	51.0	46.0	45.0
2024-06-23	20:00:00.0 600000	103	58	25	45.0	51.0	46.0	47.0
2024-06-23	21:00:00.0 600000	55	58	13	43.0	48.0	45.0	44.0
2024-06-23	22:00:00.0 600000	6	62	11	49.0	61.0	54.0	58.0
2024-06-23	22:15:00.0 600000	35	54	36	46.0	52.0	47.0	47.0
2024-06-23	23:00:00.0 600000	31	67	28	46.0	49.0	45.0	45.0

Outbound Data

ALL TRAFFIC SOLUTIONS



Volume by Time Out of the Box, WB

Start: 2024-06-12

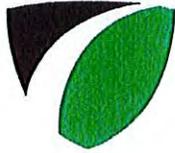
End: 2024-06-17

Times: 0:00:00-23:59:59

Speed Bins: Size 10, Range 1 to 150

Time View: By Day (Total Volumes)

Date	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
06-13	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	353	255	212	162	92	92	39	37	1242
06-14	8	2	9	3	12	40	54	112	149	157	189	196	224	234	264	308	289	238	154	135	130	76	49	33	3065
06-15	22	6	8	7	9	25	31	67	180	198	235	243	217	234	227	225	195	180	160	131	128	81	47	40	2896
06-16	12	8	4	1	7	15	33	36	95	145	178	197	214	217	211	214	209	170	162	114	88	54	20	19	2423
06-17	0	1	5	1	27	21	88	100	153	164	174	159	185	178	222	265	269	250	203	111	77	53	18	36	2760
Total	42	17	26	12	55	101	208	315	577	664	776	795	840	863	924	1012	1315	1093	891	653	515	356	173	165	12386



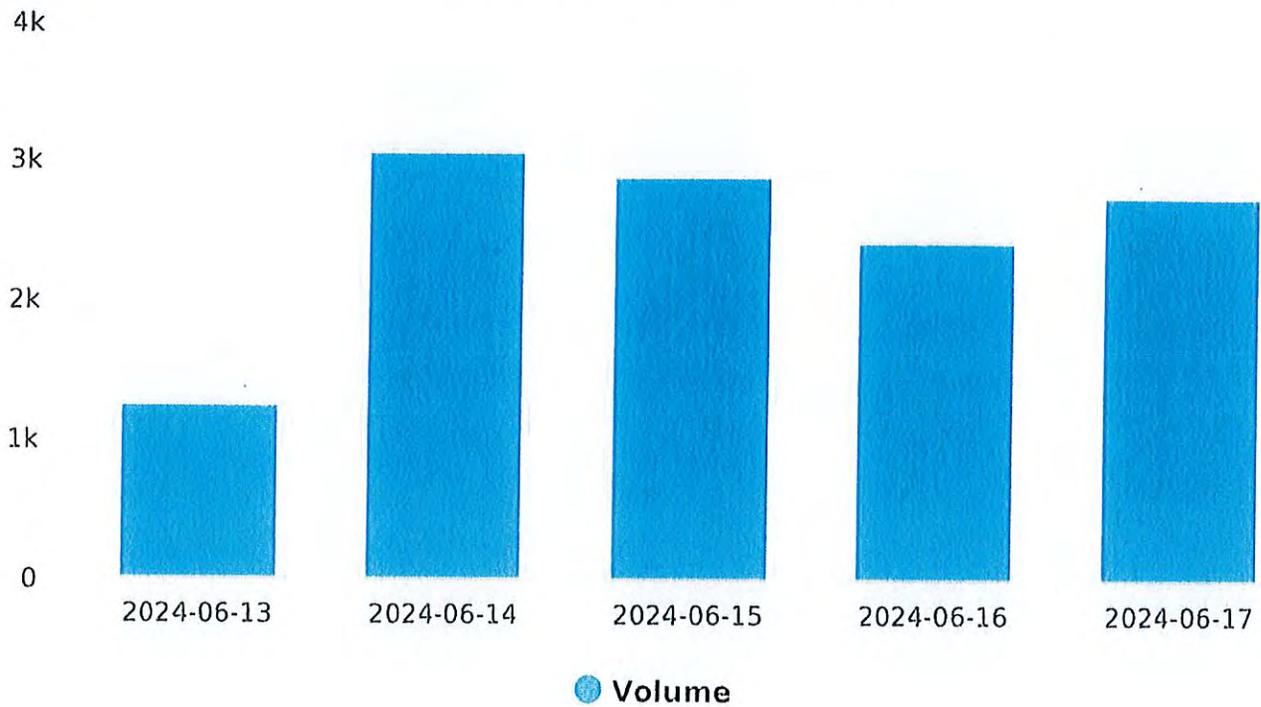
Start: 2024-06-12
End: 2024-06-17
Times: 0:00:00-23:59:59

Volume by Time

Out of the Box, WB

Speed Bins: Size 10, Range 1 to 150
Time View: By Day (Total Volumes)

Daily Total Volume





Volume by Speed

Out of the Box, WB

Start: 2024-06-12

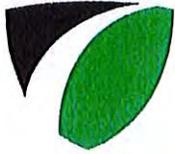
End: 2024-06-17

Times: 0:00:00-23:59:59

Speed Bins: Size 5, Range 1 to 150

Time View: By Hour (Total Volumes)

Time	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 to 40	41 to 45	46 to 50	51 to 55	56 to 60	61 to 65	66 to 70	71 to 75	76 to 80	81 to 85	86 to 90	91 to 95	96 to 100	101 to 150	Avg Speed	Total	
0:00	0	0	0	0	1	4	3	4	6	9	10	4	1	0	0	0	0	0	0	0	0	0	45.0	42
1:00	0	0	0	0	0	0	0	2	4	2	3	5	1	0	0	0	0	0	0	0	0	0	50.5	17
2:00	0	0	0	0	0	0	0	3	4	6	2	6	3	0	1	1	0	0	0	0	0	0	52.6	26
3:00	0	0	0	0	0	0	0	1	5	3	2	1	0	0	0	0	0	0	0	0	0	0	46.6	12
4:00	0	0	0	0	1	0	4	0	12	15	10	9	4	0	0	0	0	0	0	0	0	0	48.8	55
5:00	0	0	1	1	1	2	1	7	19	31	20	16	1	1	0	0	0	0	0	0	0	0	47.9	101
6:00	0	0	1	1	1	2	3	12	34	69	55	19	5	1	3	0	0	0	0	0	0	0	48.8	206
7:00	0	2	4	0	2	2	6	8	64	92	76	48	7	2	1	0	0	0	0	0	1	0	49.1	315
8:00	0	3	20	11	7	15	14	38	92	160	152	51	13	0	0	1	0	0	0	0	0	0	45.8	577
9:00	0	6	23	12	11	16	28	41	111	212	145	45	12	1	0	1	0	0	0	0	0	0	45.1	664
10:00	0	13	36	11	17	25	36	61	143	225	150	49	8	2	0	0	0	0	0	0	0	0	43.5	776
11:00	0	6	42	14	16	14	39	58	121	231	175	70	9	0	0	0	0	0	0	0	0	0	44.4	795
12:00	0	8	34	11	11	18	19	61	154	262	179	67	11	3	2	0	0	0	0	0	0	0	45.3	840
13:00	0	7	34	14	16	22	30	62	149	271	193	56	8	1	0	0	0	0	0	0	0	0	44.6	863
14:00	0	5	39	14	14	17	31	53	160	309	200	66	14	2	0	0	0	0	0	0	0	0	45.2	924
15:00	0	11	18	10	10	11	24	55	209	319	245	74	25	1	0	0	0	0	0	0	0	0	46.6	1012
16:00	0	6	17	5	6	3	18	51	219	489	360	116	22	3	0	0	0	0	0	0	0	0	48.4	1315
17:00	0	2	14	1	4	6	16	42	177	377	317	117	18	1	0	1	0	0	0	0	0	0	48.5	1093
18:00	0	1	7	2	6	6	16	43	171	325	208	85	18	3	0	0	0	0	0	0	0	0	48.2	891
19:00	0	0	2	4	5	6	20	36	132	243	131	57	16	1	0	0	0	0	0	0	0	0	47.7	653
20:00	0	0	0	0	1	7	10	48	148	148	98	31	16	5	3	0	0	0	0	0	0	0	47.3	515
21:00	0	5	2	6	5	10	12	42	118	92	44	14	5	1	0	0	0	0	0	0	0	0	43.7	356
22:00	0	0	0	0	2	5	10	10	50	56	27	6	3	3	1	0	0	0	0	0	0	0	46.0	173
23:00	0	0	0	0	1	3	7	21	36	51	25	16	3	1	1	0	0	0	0	0	0	0	46.9	165
Total	0	75	294	117	138	194	347	759	2338	3997	2827	1028	223	32	12	4	0	0	0	1	0	46.4	12386	



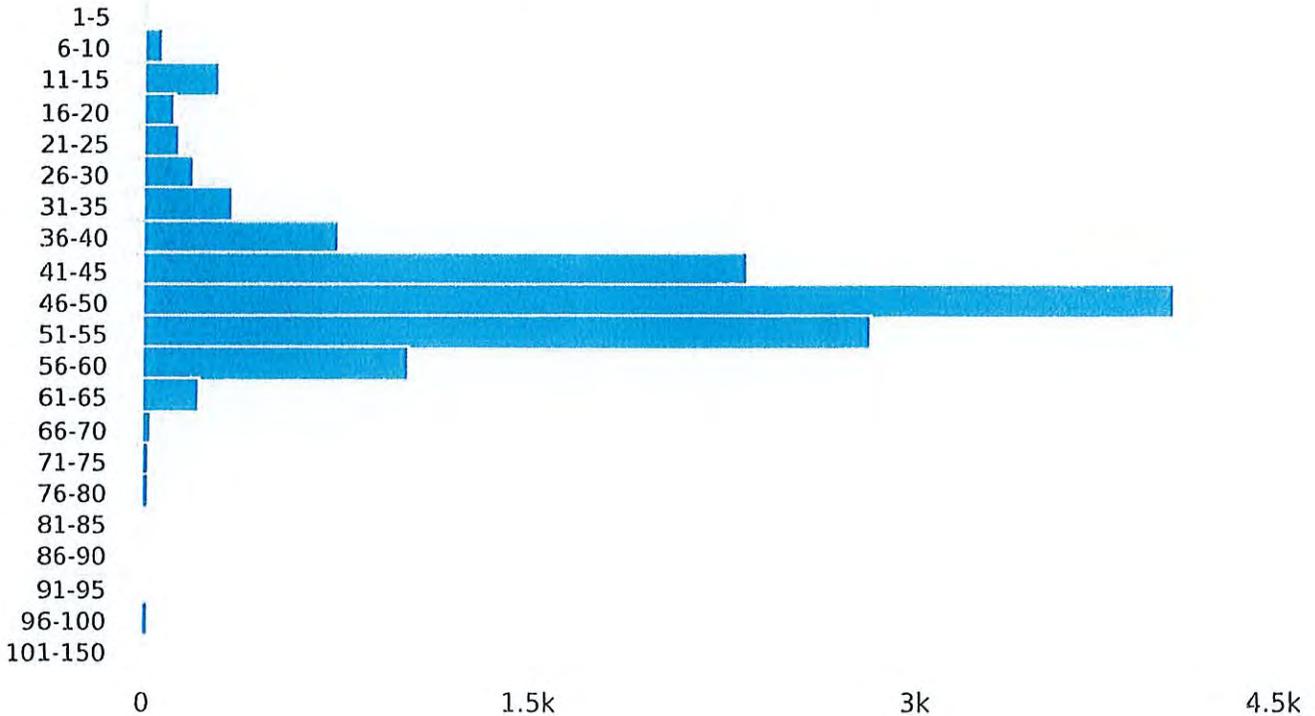
Start: 2024-06-12
End: 2024-06-17
Times: 0:00:00-23:59:59

Volume by Speed

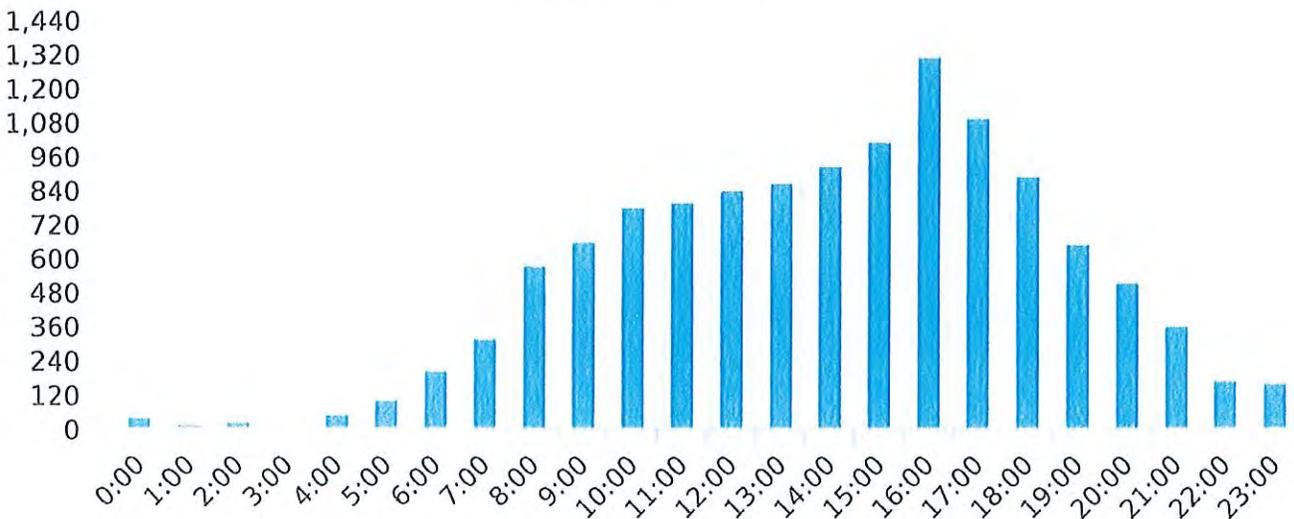
Out of the Box, WB

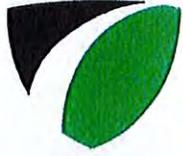
Speed Bins: Size 5, Range 1 to 150
Time View: By Hour (Total Volumes)

Total Volume by Speed Distribution



Volume over Time





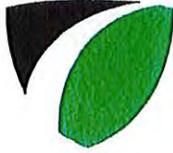
Compliance & Risk Report

Out of the Box, WB

Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Total Volumes)

Time	Speed Limit	Mode	Compliant	Low Risk	Medium Risk	High Risk	Total Num Vehicles
0:00	50	Dependent Messages	27	14	1	0	42
1:00	50	Dependent Messages	8	8	1	0	17
2:00	50	Dependent Messages	13	8	3	2	26
3:00	50	Dependent Messages	9	3	0	0	12
4:00	50	Dependent Messages	32	19	4	0	55
5:00	50	Dependent Messages	63	36	2	0	101
6:00	50	Dependent Messages	123	74	6	3	206
7:00	50	Dependent Messages	180	124	9	2	315
8:00	50	Dependent Messages	360	203	13	1	577
9:00	50	Dependent Messages	460	190	13	1	664
10:00	50	Dependent Messages	567	199	10	0	776
11:00	50	Dependent Messages	541	245	9	0	795
12:00	50	Dependent Messages	578	246	14	2	840
13:00	50	Dependent Messages	605	249	9	0	863
14:00	50	Dependent Messages	642	266	16	0	924
15:00	50	Dependent Messages	667	319	26	0	1012
16:00	50	Dependent Messages	814	476	25	0	1315
17:00	50	Dependent Messages	639	434	19	1	1093
18:00	50	Dependent Messages	577	293	21	0	891
19:00	50	Dependent Messages	448	188	17	0	653
20:00	50	Dependent Messages	362	129	21	3	515
21:00	50	Dependent Messages	292	58	6	0	356
22:00	50	Dependent Messages	133	33	6	1	173
23:00	50	Dependent Messages	119	41	4	1	165
Total			8269	3855	285	17	12386



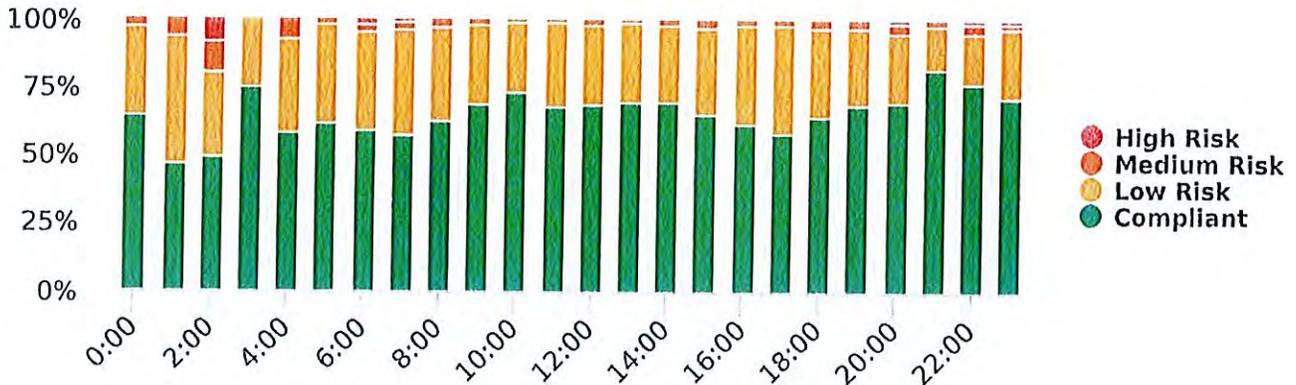
Compliance & Risk Report

Out of the Box, WB

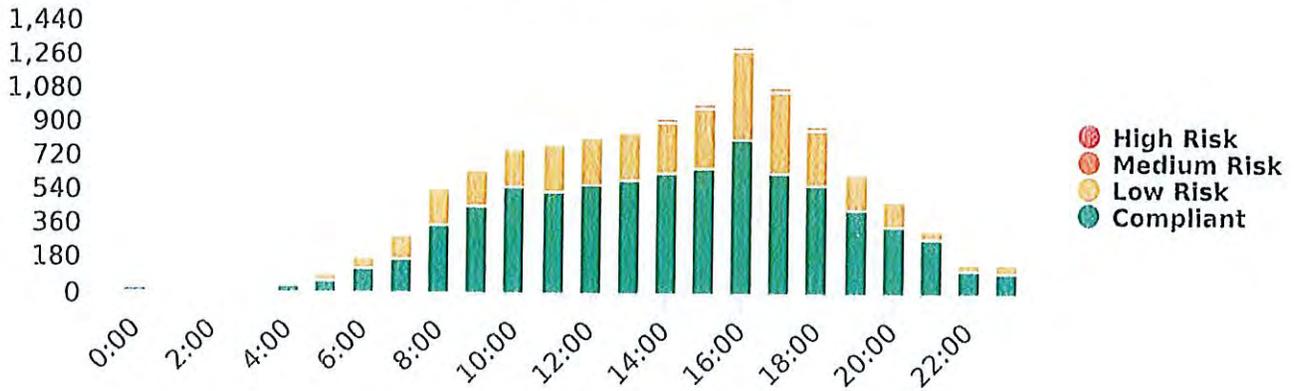
Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Total Volumes)

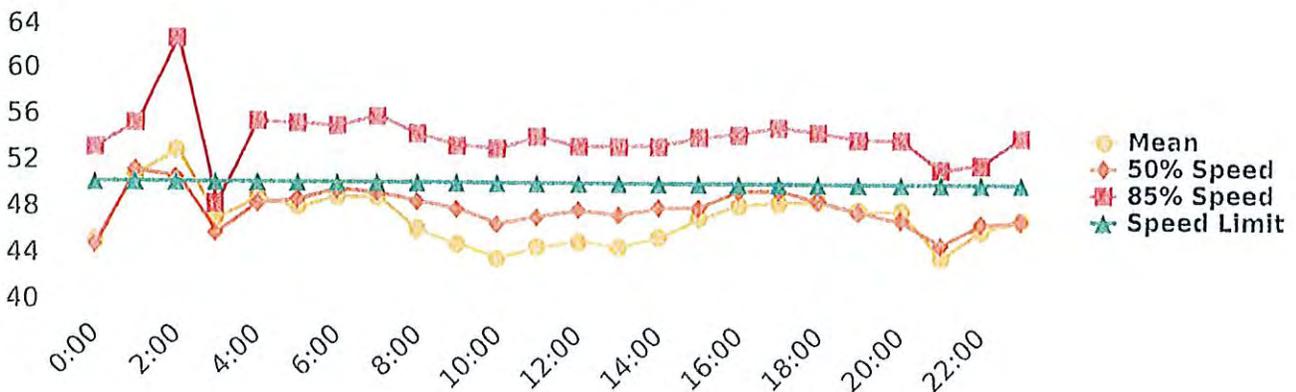
Compliance % by Hour (Totals)



Compliance by Hour (Totals)



Speeds





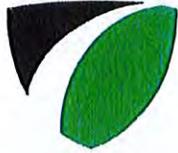
Enforcement Priorities Report

Out of the Box, WB

Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

Violation Threshold: Speed Limit +10
 Speed Range: 1 to 150
 Rank Results By: 85% Speed

#	Site	Day of Week	Time	Speed Limit	Average Speed	Average Violator Speed	85% Speed	Average # Vehicles	Average # Violators
1	Out of the Box, WB	Sun	6:00 - 7:00	50	51.0	72.0	58.0	33	3
2	Out of the Box, WB	Mon	23:00 - 24:00	50	49.0	62.0	58.0	36	2
3	Out of the Box, WB	Sun	7:00 - 8:00	50	50.0	69.0	57.0	36	1
4	Out of the Box, WB	Fri	5:00 - 6:00	50	51.0	65.5	57.0	40	2
5	Out of the Box, WB	Mon	4:00 - 5:00	50	50.2	62.0	56.2	27	2
6	Out of the Box, WB	Mon	5:00 - 6:00	50	49.0	n/a	56.0	21	0
7	Out of the Box, WB	Sun	17:00 - 18:00	50	50.0	63.5	56.0	170	6
8	Out of the Box, WB	Mon	18:00 - 19:00	50	50.0	63.4	56.0	203	8
9	Out of the Box, WB	Mon	19:00 - 20:00	50	49.0	63.3	56.0	111	6
10	Out of the Box, WB	Sat	20:00 - 21:00	50	49.0	62.9	56.0	128	8
11	Out of the Box, WB	Fri	7:00 - 8:00	50	49.8	62.0	55.7	112	3
12	Out of the Box, WB	Sat	7:00 - 8:00	50	46.1	66.0	55.5	67	2
13	Out of the Box, WB	Mon	7:00 - 8:00	50	48.8	72.0	55.5	100	5
14	Out of the Box, WB	Mon	6:00 - 7:00	50	48.0	64.0	55.0	88	4
15	Out of the Box, WB	Sun	8:00 - 9:00	50	46.0	62.0	55.0	95	2
16	Out of the Box, WB	Mon	20:00 - 21:00	50	49.0	66.2	55.0	77	6
17	Out of the Box, WB	Thu	16:00 - 17:00	50	48.0	63.0	55.0	353	4
18	Out of the Box, WB	Thu	17:00 - 18:00	50	49.0	62.0	55.0	255	4
19	Out of the Box, WB	Fri	6:00 - 7:00	50	50.0	63.0	55.0	54	2
20	Out of the Box, WB	Fri	8:00 - 9:00	50	48.0	63.0	55.0	149	4
21	Out of the Box, WB	Fri	17:00 - 18:00	50	48.0	64.0	55.0	238	3
22	Out of the Box, WB	Sat	15:00 - 16:00	50	47.0	62.0	55.0	225	8
23	Out of the Box, WB	Sat	16:00 - 17:00	50	47.0	62.8	55.0	195	5
24	Out of the Box, WB	Sat	17:00 - 18:00	50	47.0	63.0	55.0	180	5
25	Out of the Box, WB	Sat	18:00 - 19:00	50	48.0	63.7	55.0	160	6



Speed Effectiveness Report

Out of the Box, WB

Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Avg Volumes)

Time	Speed Limit	Sign Mode	Compliant Avg Final Speed	Compliant Change In Speed	Low Risk Avg Final Speed	Low Risk Change In Speed	Medium Risk Avg Final Speed	Medium Risk Change In Speed	High Risk Avg Final Speed	High Risk Change In Speed	% of Vehicles Slowed
0:00	50	Dependent Messages	39.8	-2.9	53.9	-1.4	61.0	0.0	n/a	n/a	64.5%
1:00	50	Dependent Messages	43.4	-4.5	56.3	-0.9	61.0	0.0	n/a	n/a	53.3%
2:00	50	Dependent Messages	44.1	-2.2	57.1	-2.1	62.7	-0.3	74.5	-0.5	61.7%
3:00	50	Dependent Messages	44.2	-1.4	53.7	-1.0	n/a	n/a	n/a	n/a	66.7%
4:00	50	Dependent Messages	43.6	-2.8	54.6	-1.5	63.0	-0.7	n/a	n/a	65.6%
5:00	50	Dependent Messages	43.3	-2.0	54.9	-1.4	65.5	0.0	n/a	n/a	62.5%
6:00	50	Dependent Messages	44.3	-2.0	54.0	-1.3	63.7	-0.8	72.0	-2.0	63.6%
7:00	50	Dependent Messages	44.0	-2.4	54.7	-1.1	64.0	0.3	85.5	1.0	64.0%
8:00	50	Dependent Messages	40.6	-1.8	53.8	-1.3	61.8	-0.7	76.0	1.0	62.3%
9:00	50	Dependent Messages	40.8	-2.0	53.9	-1.0	62.8	-0.2	76.0	-3.0	63.3%
10:00	50	Dependent Messages	39.5	-1.6	54.0	-1.1	63.7	-1.1	n/a	n/a	62.5%
11:00	50	Dependent Messages	39.7	-1.7	54.0	-1.3	62.6	-1.3	n/a	n/a	62.6%
12:00	50	Dependent Messages	41.0	-2.0	54.1	-1.5	63.8	-0.3	73.0	3.0	67.3%
13:00	50	Dependent Messages	40.5	-2.0	54.0	-1.5	63.9	-1.0	n/a	n/a	67.2%
14:00	50	Dependent Messages	41.2	-1.9	53.8	-1.7	62.8	0.0	n/a	n/a	65.4%
15:00	50	Dependent Messages	42.6	-2.0	53.7	-1.2	62.5	-0.8	n/a	n/a	67.9%
16:00	50	Dependent Messages	44.5	-2.2	54.1	-1.3	63.2	-0.5	n/a	n/a	67.7%
17:00	50	Dependent Messages	44.4	-2.1	53.9	-1.6	62.3	-0.7	76.0	2.0	69.0%
18:00	50	Dependent Messages	44.6	-2.2	54.0	-1.2	63.7	-0.2	n/a	n/a	67.6%
19:00	50	Dependent Messages	44.3	-2.6	54.2	-1.7	62.8	-0.5	n/a	n/a	70.9%
20:00	50	Dependent Messages	43.8	-2.6	53.7	-1.9	63.4	-1.2	72.0	-2.7	72.0%
21:00	50	Dependent Messages	41.3	-2.3	53.8	-2.0	63.2	-1.8	n/a	n/a	67.7%
22:00	50	Dependent Messages	43.2	-3.1	53.0	-2.1	65.8	0.2	75.0	-3.0	75.2%
23:00	50	Dependent Messages	43.5	-2.7	54.8	-1.7	63.3	-0.2	74.0	0.0	70.3%



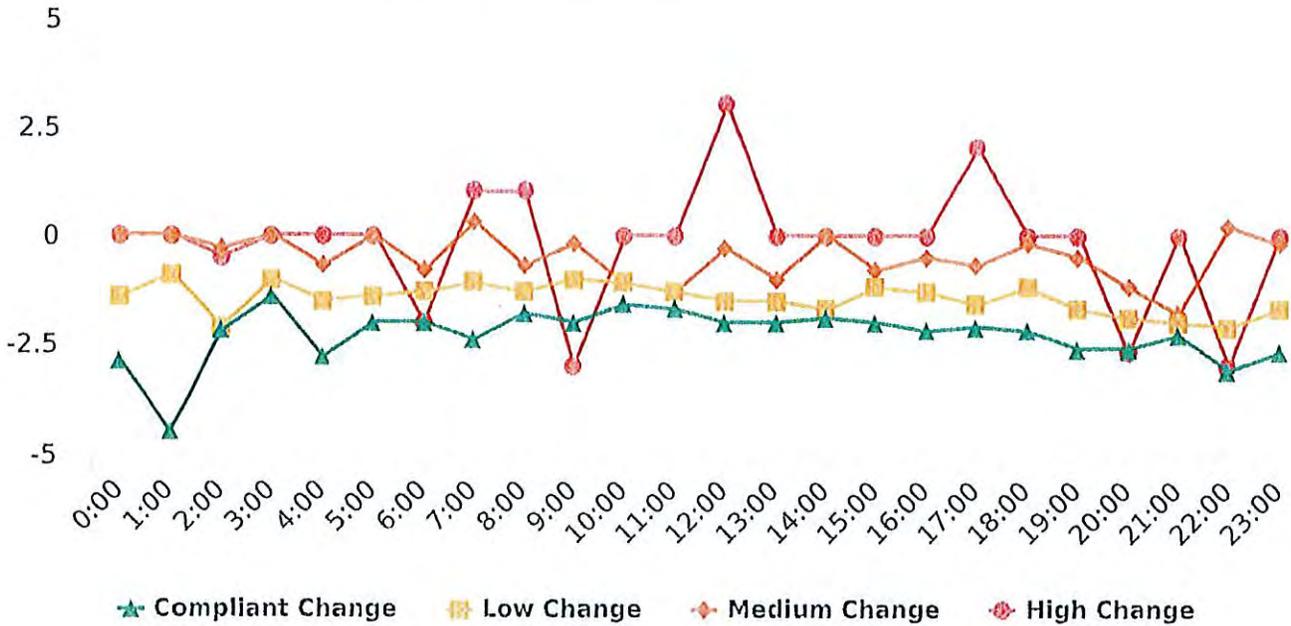
Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

Speed Effectiveness Report

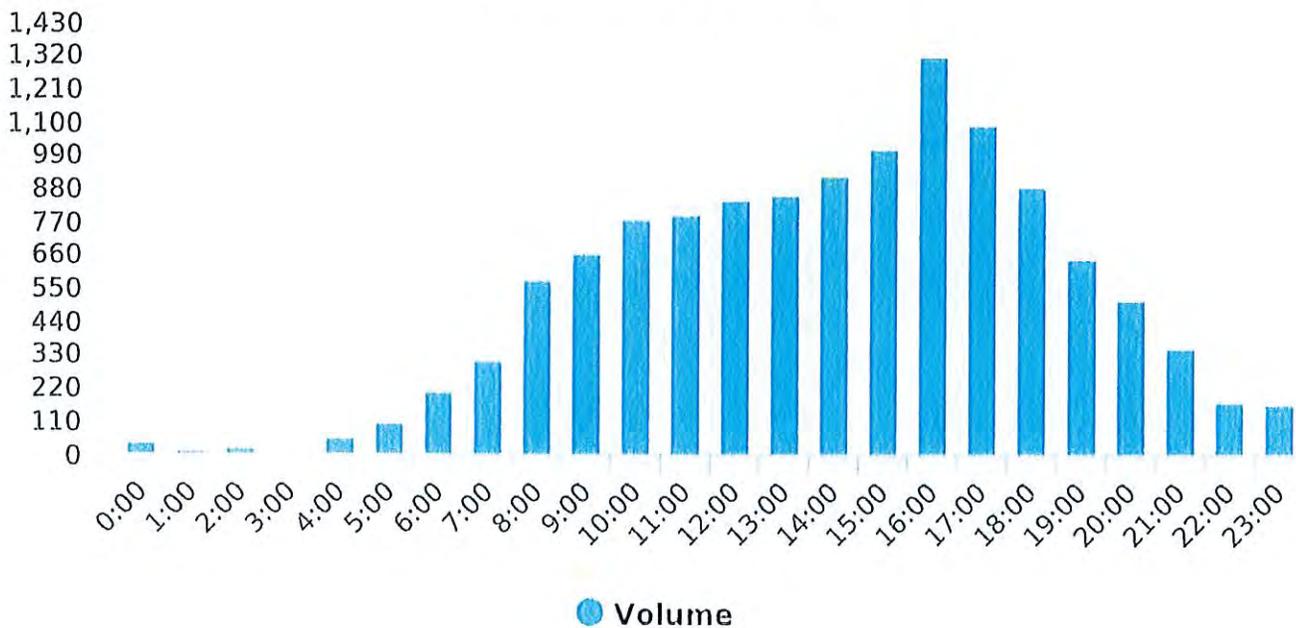
Out of the Box, WB

Medium Risk Threshold: Speed Limit + 10
 High Risk Threshold: Speed Limit + 20
 Speed Range: 1 to 150
 Time View: By Hour (Avg Volumes)

Changes in Speed by Risk Threshold



Volume by Time (Average)





Extended Speed Summary

Out of the Box, WB

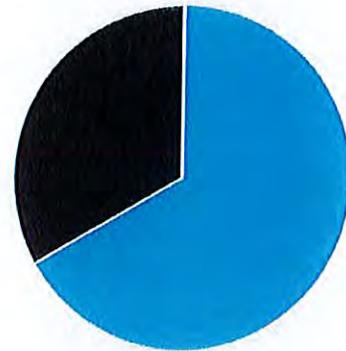
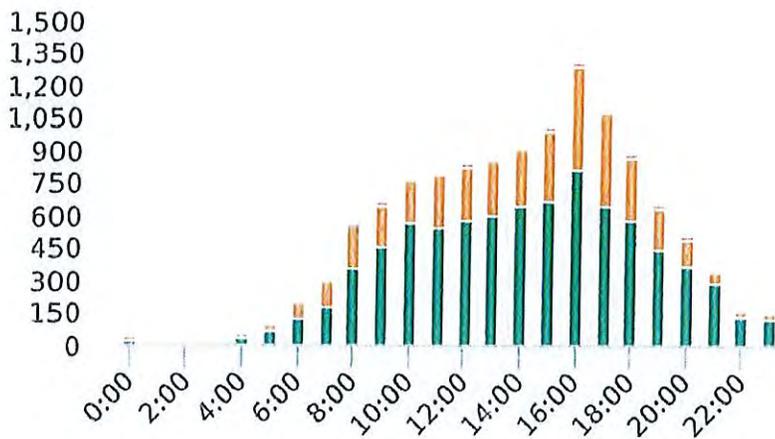
Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

Violation Threshold: Speed Limit + 10
 Speed Range: 1 to 150

Overall Summary

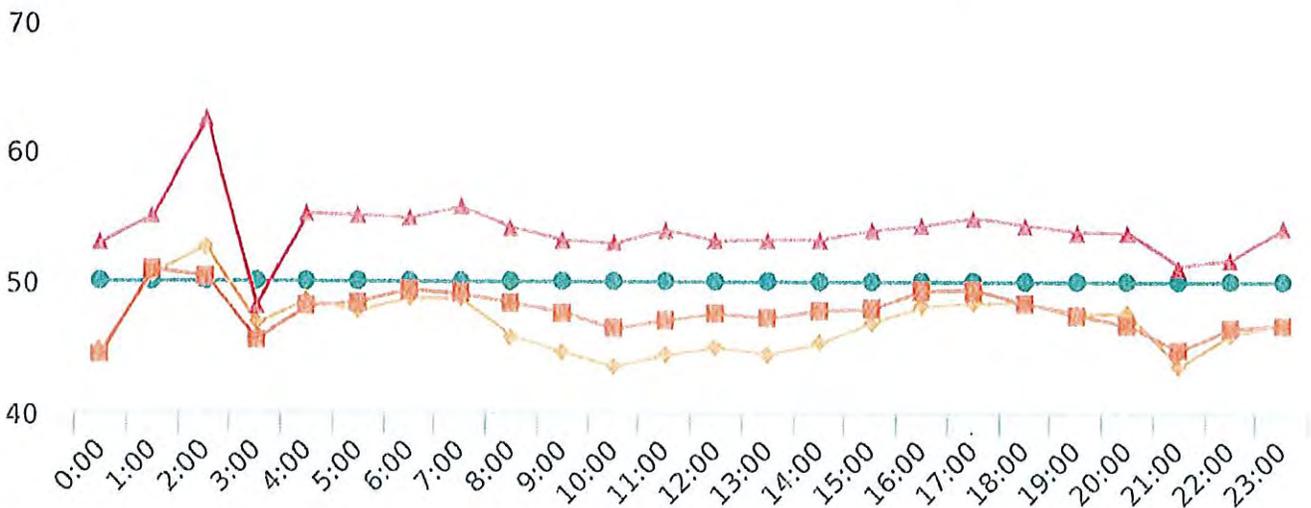
Total Days of Data: 5
 Speed Limit: 50
 Average Speed: 46.37
 50th Percentile Speed: 47.88
 85th Percentile Speed: 53.84
 Pace Speed Range: 44-54

Minimum Speed: 10
 Maximum Speed: 98
 Display Mode: Dependent Messages
 Average Volume per Day: 2477.2
 Total Volume: 12386



● Violators ● Inside Threshold ● Compliant

● Vehicles Slowed ● Other



● Speed Limit ● Average Speed ● 50% Speed ● 85% Speed



Extended Speed Summary

Out of the Box, WB

Start: 2024-06-12

End: 2024-06-17

Times: 0:00:00-23:59:59

Violation Threshold: Speed Limit + 10

Speed Range: 1 to 150

Time	Sign Mode	Speed Limit	Total # Vehicles	Total # Violator	% Violator	Avg # Vehicles	Avg # Violators	Min Speed	Max Speed	Avg Speed	50% Speed	85% Speed	Sign Effectiveness
0:00	Dependent Messages	50	42	1	2.4%	10.5	0.3	25	61	44.9	44.5	53.0	64.5%
1:00	Dependent Messages	50	17	1	5.9%	4.3	0.3	38	61	50.7	50.9	55.1	53.3%
2:00	Dependent Messages	50	26	5	19.2%	6.5	1.3	38	77	52.7	50.4	62.5	61.7%
3:00	Dependent Messages	50	12	0	0.0%	3.0	0.0	38	57	46.8	45.6	48.2	66.7%
4:00	Dependent Messages	50	55	4	7.3%	13.8	1.0	25	65	48.6	48.1	55.2	65.6%
5:00	Dependent Messages	50	101	2	2.0%	25.3	0.5	11	70	47.8	48.5	55.1	62.5%
6:00	Dependent Messages	50	206	9	4.4%	51.5	2.3	13	74	48.7	49.4	54.9	63.6%
7:00	Dependent Messages	50	315	11	3.5%	78.8	2.8	10	98	48.7	49.1	55.8	64.0%
8:00	Dependent Messages	50	577	14	2.4%	144.3	3.5	10	76	45.8	48.4	54.2	62.3%
9:00	Dependent Messages	50	664	14	2.1%	166.0	3.5	10	76	44.7	47.7	53.2	63.3%
10:00	Dependent Messages	50	776	10	1.3%	194.0	2.5	10	67	43.5	46.4	53.0	62.5%
11:00	Dependent Messages	50	795	9	1.1%	198.8	2.3	10	65	44.4	47.1	54.0	62.6%
12:00	Dependent Messages	50	840	16	1.9%	210.0	4.0	10	73	45.0	47.6	53.2	67.3%
13:00	Dependent Messages	50	863	9	1.0%	215.8	2.3	10	67	44.5	47.3	53.3	67.2%
14:00	Dependent Messages	50	924	16	1.7%	231.0	4.0	10	68	45.3	47.8	53.3	65.4%
15:00	Dependent Messages	50	1012	26	2.6%	253.0	6.5	10	66	46.9	48.0	54.0	67.9%
16:00	Dependent Messages	50	1315	25	1.9%	263.0	5.0	10	67	48.1	49.3	54.3	67.7%
17:00	Dependent Messages	50	1093	20	1.8%	218.6	4.0	10	76	48.4	49.4	54.9	69.0%
18:00	Dependent Messages	50	891	21	2.4%	178.2	4.2	10	70	48.4	48.4	54.4	67.6%
19:00	Dependent Messages	50	653	17	2.6%	130.6	3.4	12	70	47.6	47.5	53.9	70.9%
20:00	Dependent Messages	50	515	24	4.7%	103.0	4.8	22	72	47.6	46.7	53.8	72.0%
21:00	Dependent Messages	50	356	6	1.7%	71.2	1.2	10	70	43.5	44.8	51.2	67.7%
22:00	Dependent Messages	50	173	7	4.0%	34.6	1.4	23	75	46.0	46.5	51.7	75.2%
23:00	Dependent Messages	50	165	5	3.0%	33.0	1.0	25	74	46.8	46.8	54.1	70.3%
Total Volumes/ Avg			12386	272	2.2%	2838.4	62.1	10	98	46.9	47.8	54.0	65.9%
Total/Avg w/o Feedback			0	0	0	0.0	0.0	n/a	n/a	n/a	n/a	n/a	n/a
Total/Avg w/ Feedback			12386	272	2.2%	2838.4	62.1	10	98	46.9	47.8	54.0	65.9%

Date	Time	Resolution	Total Volume	Max Speed	Min Speed	Mean Speed	85% Speed	Median Speed	Pace Speed
2024-06-13	16:00:00.0	60 0000	353	65	10	48.0	55.0	50.0	50.0
2024-06-13	17:00:00.0	60 0000	255	63	10	49.0	55.0	50.0	51.0
2024-06-13	18:00:00.0	60 0000	212	64	11	47.0	53.0	48.0	49.0
2024-06-13	19:00:00.0	60 0000	162	64	12	48.0	54.0	48.0	48.0
2024-06-13	20:00:00.0	60 0000	92	72	30	47.0	53.0	46.0	46.0
2024-06-13	21:00:00.0	60 0000	92	70	23	44.0	52.0	45.0	45.0
2024-06-13	22:00:00.0	60 0000	39	67	29	47.0	52.0	47.0	47.0
2024-06-13	23:00:00.0	60 0000	37	60	30	47.0	54.0	47.0	44.0
2024-06-14	00:00:00.0	60 0000	8	59	41	51.0	59.0	49.0	54.0
2024-06-14	01:00:00.0	60 0000	2	45	42	44.0	45.0	42.0	44.0
2024-06-14	02:00:00.0	60 0000	9	61	40	50.0	58.0	50.0	48.0
2024-06-14	03:00:00.0	60 0000	2	48	45	47.0	48.0	45.0	47.0
2024-06-14	03:30:00.0	60 0000	0	0	0	0.0	0.0	0.0	0.0
2024-06-14	03:40:00.0	60 0000	1	57	57	57.0	57.0	57.0	57.0
2024-06-14	04:00:00.0	60 0000	12	59	25	48.0	56.0	49.0	50.0
2024-06-14	05:00:00.0	60 0000	40	70	37	51.0	57.0	50.0	50.0
2024-06-14	06:00:00.0	60 0000	54	64	36	50.0	55.0	51.0	51.0
2024-06-14	07:00:00.0	60 0000	5	51	42	46.0	50.0	45.0	47.0
2024-06-14	07:05:00.0	60 0000	107	63	10	50.0	56.0	51.0	51.0
2024-06-14	08:00:00.0	60 0000	149	63	10	48.0	55.0	49.0	52.0
2024-06-14	09:00:00.0	60 0000	157	62	10	45.0	53.0	47.0	48.0
2024-06-14	10:00:00.0	60 0000	19	67	10	38.0	49.0	38.0	47.0
2024-06-14	10:05:00.0	60 0000	170	67	10	44.0	53.0	45.0	47.0
2024-06-14	11:00:00.0	60 0000	196	63	11	46.0	54.0	48.0	49.0

2024-06-14	12:00:00.0 600000	224	70	10	46.0	53.0	48.0	48.0
2024-06-14	13:00:00.0 600000	234	64	10	45.0	53.0	47.0	48.0
2024-06-14	14:00:00.0 600000	264	63	11	47.0	54.0	49.0	49.0
2024-06-14	15:00:00.0 600000	308	66	10	46.0	54.0	48.0	47.0
2024-06-14	16:00:00.0 600000	27	58	36	47.0	52.0	48.0	47.0
2024-06-14	16:05:00.0 600000	262	65	10	49.0	55.0	49.0	48.0
2024-06-14	17:00:00.0 600000	238	66	12	48.0	55.0	49.0	50.0
2024-06-14	18:00:00.0 600000	154	60	24	48.0	54.0	48.0	48.0
2024-06-14	19:00:00.0 600000	15	65	20	43.0	50.0	45.0	45.0
2024-06-14	19:05:00.0 600000	120	60	20	46.0	52.0	46.0	45.0
2024-06-14	20:00:00.0 600000	130	62	22	45.0	52.0	45.0	46.0
2024-06-14	21:00:00.0 600000	76	61	10	44.0	52.0	45.0	43.0
2024-06-14	22:00:00.0 600000	2	45	42	44.0	45.0	42.0	44.0
2024-06-14	22:05:00.0 600000	47	64	23	44.0	52.0	47.0	49.0
2024-06-14	23:00:00.0 600000	33	56	29	45.0	52.0	46.0	49.0
2024-06-15	00:00:00.0 600000	22	61	28	42.0	52.0	41.0	42.0
2024-06-15	01:00:00.0 600000	6	60	40	52.0	56.0	52.0	54.0
2024-06-15	02:00:00.0 600000	8	77	38	55.0	72.0	49.0	42.0
2024-06-15	03:00:00.0 600000	5	53	38	45.0	47.0	44.0	43.0
2024-06-15	03:30:00.0 600000	2	49	44	47.0	49.0	44.0	47.0
2024-06-15	04:00:00.0 600000	9	63	31	42.0	49.0	42.0	44.0
2024-06-15	05:00:00.0 600000	25	60	16	45.0	52.0	47.0	46.0
2024-06-15	06:00:00.0 600000	31	56	29	46.0	51.0	47.0	47.0
2024-06-15	07:00:00.0 600000	4	52	42	47.0	48.0	45.0	47.0
2024-06-15	07:05:00.0 600000	63	70	13	46.0	56.0	47.0	48.0

2024-06-15	08:00:00.0 600000	180	76	11	43.0	54.0	47.0	49.0
2024-06-15	09:00:00.0 600000	198	76	10	43.0	53.0	47.0	48.0
2024-06-15	10:00:00.0 600000	39	63	11	43.0	55.0	48.0	50.0
2024-06-15	10:10:00.0 600000	196	63	10	42.0	52.0	46.0	46.0
2024-06-15	11:00:00.0 600000	243	65	10	41.0	54.0	45.0	51.0
2024-06-15	12:00:00.0 600000	120	66	11	44.0	54.0	47.0	49.0
2024-06-15	12:35:00.0 600000	97	61	10	46.0	55.0	48.0	51.0
2024-06-15	13:00:00.0 600000	234	67	10	44.0	53.0	47.0	49.0
2024-06-15	14:00:00.0 600000	227	68	10	44.0	52.0	47.0	47.0
2024-06-15	15:00:00.0 600000	225	64	10	47.0	55.0	49.0	50.0
2024-06-15	16:00:00.0 600000	195	66	10	47.0	55.0	50.0	50.0
2024-06-15	17:00:00.0 600000	180	65	11	47.0	55.0	49.0	49.0
2024-06-15	18:00:00.0 600000	160	67	10	48.0	55.0	48.0	47.0
2024-06-15	19:00:00.0 600000	28	63	19	48.0	54.0	47.0	48.0
2024-06-15	19:15:00.0 600000	103	61	25	47.0	54.0	47.0	48.0
2024-06-15	20:00:00.0 600000	128	69	33	49.0	56.0	48.0	47.0
2024-06-15	21:00:00.0 600000	81	58	10	42.0	50.0	44.0	47.0
2024-06-15	22:00:00.0 600000	10	53	42	47.0	51.0	47.0	47.0
2024-06-15	22:10:00.0 600000	37	58	25	45.0	50.0	45.0	46.0
2024-06-15	23:00:00.0 600000	40	60	25	45.0	51.0	45.0	48.0
2024-06-16	00:00:00.0 600000	12	55	25	46.0	51.0	48.0	51.0
2024-06-16	01:00:00.0 600000	0	0	0	0.0	0.0	0.0	0.0
2024-06-16	01:05:00.0 600000	8	61	43	53.0	59.0	54.0	58.0
2024-06-16	02:00:00.0 600000	4	63	39	51.0	57.0	46.0	52.0
2024-06-16	03:00:00.0 600000	0	0	0	0.0	0.0	0.0	0.0

2024-06-16	03:30:00.0 600000	1	41	41	41.0	41.0	41.0	41.0
2024-06-16	04:00:00.0 600000	7	65	41	52.0	58.0	51.0	52.0
2024-06-16	05:00:00.0 600000	15	58	11	42.0	54.0	46.0	48.0
2024-06-16	06:00:00.0 600000	33	74	32	51.0	58.0	50.0	49.0
2024-06-16	07:00:00.0 600000	36	69	38	50.0	57.0	49.0	49.0
2024-06-16	08:00:00.0 600000	95	63	10	46.0	55.0	49.0	51.0
2024-06-16	09:00:00.0 600000	145	65	10	45.0	54.0	49.0	51.0
2024-06-16	10:00:00.0 600000	16	57	12	46.0	52.0	47.0	48.0
2024-06-16	10:05:00.0 600000	162	65	10	44.0	54.0	48.0	50.0
2024-06-16	11:00:00.0 600000	197	64	10	45.0	54.0	48.0	50.0
2024-06-16	12:00:00.0 600000	214	63	10	44.0	53.0	47.0	48.0
2024-06-16	13:00:00.0 600000	217	65	10	44.0	54.0	48.0	51.0
2024-06-16	14:00:00.0 600000	211	68	10	46.0	54.0	48.0	49.0
2024-06-16	15:00:00.0 600000	214	65	11	48.0	54.0	48.0	49.0
2024-06-16	16:00:00.0 600000	209	67	10	49.0	54.0	49.0	49.0
2024-06-16	17:00:00.0 600000	170	76	12	50.0	56.0	50.0	49.0
2024-06-16	18:00:00.0 600000	162	70	30	49.0	54.0	49.0	48.0
2024-06-16	19:00:00.0 600000	36	59	39	50.0	54.0	50.0	49.0
2024-06-16	19:15:00.0 600000	78	65	17	48.0	54.0	48.0	48.0
2024-06-16	20:00:00.0 600000	88	70	34	49.0	53.0	47.0	49.0
2024-06-16	21:00:00.0 600000	54	63	17	43.0	51.0	44.0	44.0
2024-06-16	22:00:00.0 600000	6	69	43	54.0	66.0	48.0	48.0
2024-06-16	22:10:00.0 600000	14	51	26	44.0	49.0	44.0	47.0
2024-06-16	23:00:00.0 600000	19	74	35	49.0	57.0	47.0	44.0
2024-06-17	00:00:00.0 600000	0	0	0	0.0	0.0	0.0	0.0

2024-06-17	01:00:00.0 60000	0	0	0	0.0	0.0	0.0	0.0
2024-06-17	01:15:00.0 60000	1	38	38	38.0	38.0	38.0	38.0
2024-06-17	02:00:00.0 60000	5	64	42	55.0	60.0	57.0	59.0
2024-06-17	03:00:00.0 60000	0	0	0	0.0	0.0	0.0	0.0
2024-06-17	03:30:00.0 60000	1	51	51	51.0	51.0	51.0	51.0
2024-06-17	04:00:00.0 60000	3	58	48	52.0	58.0	49.0	53.0
2024-06-17	04:15:00.0 60000	24	63	42	50.0	56.0	49.0	48.0
2024-06-17	05:00:00.0 60000	21	60	40	49.0	56.0	49.0	47.0
2024-06-17	06:00:00.0 60000	88	70	13	48.0	55.0	49.0	50.0
2024-06-17	07:00:00.0 60000	10	57	42	47.0	51.0	46.0	47.0
2024-06-17	07:10:00.0 60000	90	98	10	49.0	56.0	49.0	49.0
2024-06-17	08:00:00.0 60000	153	62	10	47.0	53.0	49.0	50.0
2024-06-17	09:00:00.0 60000	164	64	13	46.0	53.0	48.0	48.0
2024-06-17	10:00:00.0 60000	16	60	44	52.0	54.0	51.0	49.0
2024-06-17	10:05:00.0 60000	158	60	10	44.0	53.0	47.0	50.0
2024-06-17	11:00:00.0 60000	159	65	10	47.0	54.0	48.0	49.0
2024-06-17	12:00:00.0 60000	185	73	10	45.0	52.0	48.0	48.0
2024-06-17	13:00:00.0 60000	178	65	10	45.0	53.0	47.0	47.0
2024-06-17	14:00:00.0 60000	222	62	10	44.0	53.0	47.0	49.0
2024-06-17	15:00:00.0 60000	265	64	10	47.0	53.0	47.0	48.0
2024-06-17	16:00:00.0 60000	46	58	17	46.0	52.0	47.0	47.0
2024-06-17	16:10:00.0 60000	223	61	21	48.0	53.0	49.0	49.0
2024-06-17	17:00:00.0 60000	250	63	21	48.0	54.0	49.0	50.0
2024-06-17	18:00:00.0 60000	203	66	25	50.0	56.0	49.0	49.0
2024-06-17	19:00:00.0 60000	111	70	12	49.0	56.0	48.0	49.0

2024-06-17	20:00:00.0 600000	77	72	37	49.0	55.0	48.0	47.0
2024-06-17	21:00:00.0 600000	53	57	10	45.0	51.0	46.0	46.0
2024-06-17	22:00:00.0 600000	1	64	64	64.0	64.0	64.0	64.0
2024-06-17	22:05:00.0 600000	17	75	41	49.0	52.0	48.0	47.0
2024-06-17	23:00:00.0 600000	36	62	29	49.0	58.0	49.0	47.0