



CITY OF BELFAST

131 Church Street
Belfast, Maine 04915

Erin Herbig
City Manager

E-mail: citymanager@cityofbelfast.org

Tel: (207) 338-3370 ext. 110

Fax: (207) 338-2419

MANAGER'S REPORT

Belfast City Council Meeting
Tuesday, August 20, 2024

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.

6:30 p.m. Request to go into an Executive Session on a Real Estate Matter pursuant to 1 M.R.S.A. 405 (6) C.

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, August 15, 2024

Agenda Items:

10-A Presentation on WSP's final report for the Harbor Sedimentation Study.

At the August 15, 2023, City Council Meeting, the Council awarded a Request for Quote (RFQ) for the Breakwater Sedimentation Study to WSP, an engineering and professional services organization.

This study was done with the intention to provide more information regarding concerns both the Harbor Committee and City Council held with potential impacts of sedimentation should the breakwater be extended, which was described in ‘Option 4’ from the WSP Breakwater Improvement Study completed in 2022.

This is an opportunity to allow WSP to provide an explanation of their findings and answer any questions the Council may have.

Please see the attached final report (10-A) from WSP. Harbor Master Kathy Given, along with representatives from WSP, and members of the Harbor Advisory Committee will be at the meeting to present and answer questions.

10-B Approval of a Facility Use Request for a private event at Steamboat Landing Park and Gazebo on August 31, 2024, from 3:00 – 8:00 PM.

The City of Belfast Parks and Recreation Department has received a Facility Use Request for use of Steamboat Landing Park for a private wedding on August 31, 2024. The couple is holding a wedding reception at the Belfast Yacht Club and would like to host their wedding ceremony next door at the Gazebo at Steamboat Landing Park from 3:00-8:00 PM.

They are planning for 150 guests and, if approved, plan to provide benches around the Gazebo; a vendor will drop off the benches in the morning and place them at the Gazebo, and the vendor will pick them up later in the evening after the wedding. Additionally, they request use of the Gazebo’s electricity and may provide an altar-like backdrop for their ceremony.

The couple has already provided a special event insurance policy meeting the \$1,000,000 general liability threshold for this facility. It has been discussed with the proposed renters that this is a public facility and that the park will not be closed to the public—people will be on the Harbor Walk, playing or picnicking in the other areas of the park. Since the reception is next door, no

other infrastructure is needed from Parks and Recreation. While the Gazebo does not yet have a formal rental policy and fee associated with it, the Parks and Recreation Director suggests a rental fee of \$50 for this event.

If approved by the City Council, the Parks and Recreation Director requests that a motion is made to approve the Facility Use Request for a private wedding at Steamboat Landing Park and Gazebo with a rental fee of \$50.

Please see the attached memo and completed Facility Use Request Application (10- B) 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-C Consideration of a draft letter to Maine Department of Transportation (MDOT) regarding the Waterville Road.

Councilor Chris Bitely was contacted by a Belfast resident, for Council consideration of a draft letter to be sent to MDOT requesting a reduced speed limit on Waterville Road. Councilor Bitely requested that this item be added to the agenda for Council discussion.

Please see the attached letter (10-C) from citizen Ariel Morgan explaining the request in further detail along with traffic data provided by the Belfast Police Department. Police Chief Bobby Cormier will be at the meeting to answer any questions regarding the data.

10-D Request from the Director of Planning and Codes to authorize a change order and increased funding for the replacement septic system project at 36 Smart Road.

At the July 2, 2024, Regular Meeting, the City Council approved administration of funds for a Maine Department of Environmental Protection Small Community grant to replace a failing septic system at 36 Smart Road.

During construction, additional work beyond the original scope of the project was deemed necessary, including a tank replacement and additional earth work. This resulted in a change order for increased costs to accomplish the project.

Planning and Codes Coordinator Jennifer Cormier has verified that the change order increases would be approved by the State, keeping the project fully funded by the program and at no direct cost to Belfast taxpayers. The original approved total for the project was up to \$30,000.00 and the new total is expected to be \$39,850.00.

If approved by the City Council, the Director of Code and Planning requests that a motion is made to increase the amount of funding to be administered through the Maine DEP Small Community grant program from \$30,000.00 to up to \$40,000 via account # G-1-2996-00 to facilitate a septic system replacement at 36 Smart Road.

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

10-E Request from the Director of Planning and Codes for a Capital Improvement Project expenditure for a new large format printer and plotter.

The Belfast Planning and Codes Department currently uses a Canon iPF 785 large format color printer and plotter for scanning, printing, and copying large documents, including maps and plans

for projects throughout the City. This printer was purchased around 2017. The City has opted to forgo expensive 1-year warranties since the initial 1-year warranty expired. A Capital Improvement Project was submitted this year to replace this equipment before issues begin to arise.

This project was approved by the City Council as part of the FY2024-25 Capital Improvement Plan. This support demonstrates the City's commitment to provide a high level of service for the Planning and Codes Department and ultimately support of development and planning in Belfast for years to come.

If approved by the City Council, the Director of Code and Planning requests that a motion is made to authorize up to \$10,720.00 for the purchase of a new plotter for the Planning and Codes Department from account #670-603 Office Equipment Reserve. This account has a current balance of \$11,720.

Please see the attached memo and quote (10-E) from the Director of Planning and Codes Bub Fournier explaining the request in further detail. Director Fournier will be at the meeting to present and answer any questions.

10-F Request by the Economic Development Director for authorization to submit a Department of Homeland Security Civil Rights Evaluation Tool.

In July, the City of Belfast was awarded \$310,952.38 in funding through the Department of Homeland Security (DHS), Federal Emergency Management Agency's Assistance to Firefighters Grant Program. This funding will be used to purchase and install a number of self-contained breathing apparatus units, a rapid intervention team pack, and three power lift systems.

The City of Belfast is now in the process of meeting any and all remaining grant requirements so that the City can access these funds. One of those remaining requirements is the completion and

submission of a DHS Civil Rights Evaluation Tool. The tool is a data collection instrument and technical assistance tool to assist recipients of DHS financial assistance in understanding and meeting their existing requirements under civil rights laws and regulations. The tool also requires the submission of copies of various documents, including: a statement affirming that staff have been designated to coordinate and carry out the responsibilities for compliance with civil rights laws, and a description of the responsibilities of any such staff; a nondiscrimination policy statement; a discrimination complaints process; a plan to ensure compliance in subrecipient programs; policy and procedures used to ensure nondiscrimination and equal opportunity for persons with disabilities to participate in and benefit from the recipient's programs and services; and policy and procedures regarding the requirement to provide meaningful access to programs and services to individuals with limited English proficiency.

Currently, the City of Belfast does not have approved versions of one or more of these above documents. Human Resources Administrator Nancy Driscoll has drafted all of the required documents.

If approved by the City Council, the Economic Development Director requests that a motion is made to approve all of the drafted documents that have been provided to you for this request; and authorize the submission of the completed Department of Homeland Security Civil Rights Evaluation Tool.

Please see the attached memo (10-F) from Economic Development Director Thomas Kittredge explaining the request in further detail. Director Kittredge will be at the meeting to present and answer any questions.

10-G Request to appoint Ava Kelley as the City of Belfast Freedom of Information Officer and the City of Belfast Civil Rights Coordinator.

At the August 6th Regular Meeting, the Council appointed Ava Kelley as an Executive Assistant in the City Manager's Office. This position is typically also tasked with the responsibility of serving as the City's point of contact and coordinator for Freedom of Information (FOIA) requests.

In the previous agenda item, the City of Belfast must also appoint a point of contact and coordinator for Civil Rights complaints. In this role, Ms. Kelley will work with the HR Administrator and other key staff members to ensure compliance.

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

10-H Request from the City Assessor to approve a street name for the four-phase subdivision at Little River Drive.

The City Assessor, who also serves as the City's E-911 Addressing Officer, requests that the City Council consider an official approval of the street name Pinecone Lane as part of the four-phase subdivision at Little River Drive. This is currently a privately owned right-of-way. The property owner plans to build homes on two lots to be split and requests the right-of-way to be named Pinecone Lane. The private road begins along the southerly boundary of Map 17 Lot 18-A on Patterson Hill Road and extends to Lot 18-B and continues to a future lot which will be split off Map 17 Lot 18.

If approved by the City Council, the City Assessor recommends a motion is made to approve the street name Pinecone Lane, which begins along the southerly boundary of Map 17 Lot 18-A on Patterson Hill Road and extends to Lot 18-B and continues to a future lot which will be split off Map 17 Lot 18.

Please see the attached memo (10-H) from City Assessor Avis Winchester explaining the request in further detail. I will be at the meeting to present and answer any questions.

10-I Request to accept a sentiment from the Maine Senate and House of Representatives regarding the City of Belfast's 250th year.

Former City Councilor Mike Hurley contacted the Mayor and City Council notifying them that he had received a sentiment from the Maine Senate and House of Representatives regarding the City of Belfast's 250th year anniversary and inquired if the Council would like to have it framed and placed at City Hall.

Mayor Eric Sanders requested that this item be placed on the August 20th Agenda and further requested that Mr. Hurley be in attendance to give an update on the 250th anniversary time capsule.

10-J Signing of Council Orders

Summer camps are closing, fall clothes are filling stores, nights are growing shorter, and I've even seen a few red and orange leaves. All signs suggest the glorious days of summer are winding down.

It is also time to head back to school! The laments of summer's end quickly become the excitement of a new beginning: new teachers, new classmates, new teammates, and new challenges. The bustle of activities that carry us through the latter half of the year will sweep the community before we know it.

As we shift our focus from summer fun to curiosity and study, we can reflect on ways to support our students. Here are some organizations where you can provide donations or find the things your student may need to help them succeed this school year:

Waldo Community Action Partners: Free Backpack and School Supply Program

Maine Needs: works across the state to provide school supplies as well as clothing, books, sports equipment, and other extracurricular gear to enrich the lives of students.

Thank you to the folks at Waldo County General Hospital, Belfast Rotary Club, and the Waldo County YMCA who held a school supplies drive in July and August to support students in Belfast, Searsport, and Mt. View.

As we head into the school year, let us all support Belfast's next generation of friends and neighbors by ensuring their community is a supportive place to learn and grow.

**City of Belfast
Consent Agenda
Tuesday, August 20, 2024
Meeting #4**

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 from the Fire Chief to confirm Avery Laite as an on-call firefighter and a part-time ambulance driver for the Belfast Fire and Ambulance Department.

Motion to confirm Avery Laite as an on-call firefighter and a part-time ambulance driver for the Belfast Fire and Ambulance Department.

B. Request to approve a Facility Use Request application by the Belfast Lions Club for use of City streets for the annual Ghostly Gallup 5K on October 26, 2024, from 7-10AM.

Motion to approve a Facility Use Request application by the Belfast Lions Club for use of City streets for the annual Ghostly Gallup 5K on October 26, 2024, from 7-10AM.

C. Request to approve a Facility Use Request application by Our Town Belfast for the annual Holiday Tree Lighting at Post Office Square on Saturday, November 30, 2024, from 4-6PM.

Motion to approve a Facility Use Request application by Our Town Belfast for the annual Holiday Tree Lighting at Post Office Square on Saturday, November 30, 2024, from 4-6PM.

- D. Request to approve an off-premises catering permit for The Otis Group Incorporated d/b/a Rollie's Bar and Grill for a celebration of life on August 3rd, 2024, from 1:00 p.m. to 4:00 p.m. located at the Belfast Yacht Club, 15 Front Street, Belfast, Maine.**

Motion to approve an off-premises catering permit for The Otis Group Incorporated d/b/a Rollie's Bar and Grill for a celebration of life on August 3rd, 2024, from 1:00 p.m. to 4:00 p.m. located at the Belfast Yacht Club, 15 Front Street, Belfast, Maine.

- E. Request to approve an application by Moonbat LLC d/b/a Marshall Wharf Brewing Company located at 36 Marshall Wharf, Belfast, Maine for a renewal Malt and Vinous Other (Class III and IV) liquor license.**

Motion to approve an application by Moonbat LLC d/b/a Marshall Wharf Brewing Company located at 36 Marshall Wharf, Belfast, Maine for a renewal Malt and Vinous Other (Class III and IV) liquor license.

- F. Request to approve a Qualified Catering Organization permit for Trillium Caterers for a private wedding on August 31, 2024, from 9:00 a.m. to 11:59 p.m. located at 59 Battery Rd., Belfast, Maine.**

Motion to approve a Qualified Catering Organization permit for Trillium Caterers for a private wedding on August 31, 2024, from 9:00 a.m. to 11:59 p.m. located at 59 Battery Rd., Belfast, Maine.

- G. Request to approve an application by Bell the Cat, Inc d/b/a Bell the Cat located at 18 Hatley Rd., Belfast, Maine for a renewal Malt and Vinous Restaurant (Class I, II, III and IV) liquor license.**

Motion to approve an application by Bell the Cat, Inc d/b/a Bell the Cat located at 18 Hatley Rd., Belfast, Maine for a renewal Malt and Vinous Restaurant (Class I, II, III and IV) liquor license.

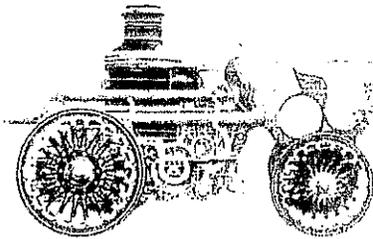
- H. Request to approve an off-premises catering permit for Bell the Cat, Inc d/b/a Bell the Cat for Belfast By The Bay on August 16th, 2024, from 4:00 p.m. to 9:00 p.m. located at the United Farmers Market, 18 Spring Street, Belfast, Maine.**

Motion to approve an off-premises catering permit for Bell the Cat, Inc d/b/a Bell the Cat for Belfast By The Bay on August 16th, 2024, from 4:00 p.m. to 9:00 p.m. located at the United Farmers Market, 18 Spring Street, Belfast, Maine.

- I. **Request to approve an application by Darby's Inc. d/b/a Darby's Restaurant and Pub located at 155 High Street, Belfast, Maine for a renewal Malt, Spirituous and Vinous Class A Restaurant/Lounge (Class XI) liquor license.**

Motion to approve an application by Darby's Inc. d/b/a Darby's Restaurant and Pub located at 155 High Street, Belfast, Maine for a renewal Malt, Spirituous and Vinous Class A Restaurant/Lounge (Class XI) liquor license.

9.A



Belfast Fire & Ambulance Department
131 Church Street • Belfast, Maine 01015
Phone 338-3302

August 12, 2024

Honorable Mayor Sanders

Belfast City Councilors

City Mgr. Herbig

Re; Avery Laite, Call member Firefighter/Part time Ambulance Driver

I submit for your confirmation the name of Avery Laite for the position of Call member firefighter and part time ambulance driver.

Avery is a resident of Lincolville and is attending Eastern Maine Community College working to obtain his Fire Science Degree. Avery wishes to become more involved with EMS and is looking for experience as he works towards his EMS license. He has already achieved his Firefighter 1 & 2, confined space and pump operator's certifications.

Avery has spent some time with us in the past as a student and has become well liked and a good fit with the crew. I believe Avery will be a valuable benefit to the City and the Department as a member.

Thank you for this consideration.

Patrick Richards

Fire Chief/Ambulance Director

9.B+C



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: August 12, 2024
RE: Event/Facility Use Requests

The City of Belfast Parks and Recreation Department is presenting the following annual events for the City Council's August 20, 2024 Consent Agenda. All of these events were reviewed by the Parks and Recreation Commission either at their July 11, 2024, meeting, or through an email information exchange based on when the application was submitted. These annual events do not have any major changes from last year.

9.B

The Belfast Lions Club and Leonard Kalinowski submitted a Facility Use Request for their Annual Ghostly Gallup 5K for October 26, 2024, from 7-10 AM. This event is an annual Lions Club fundraiser, and the race utilizes city streets for the 5K running route; streets include Waldo Avenue (including Bridge over Route 1), Cedar Street, Penobscot Terrace, Northport Avenue, Church Street, Park Street, Court Street, and Franklin Street. The race starts on Waldo Avenue, on the bridge, and follows an out-and-back route that will end at the Belfast Area High School (BAHS); please see attached map. Registration opens at 7:30 AM and the race begins at 8:30 AM. The group requests Belfast Police Department support for short-term road closure on Waldo Avenue for the race start, and 20 cones and two garbage cans. This request was shared with Police Chief Cormier and Public Works Director Richards; no comments were received. A Certificate of Insurance has been provided. **Parks and Recreation is requesting a Facility Use Request approval.**

9.C

Our Town Belfast has submitted a Facility Use Request for their annual Holiday Tree Installation and Lighting event, set for Saturday, November 30, from 4-6 PM. This event requires several street closures to accommodate the large crowd and for dedicated space for the arrival of Santa and Mrs. Clause via the Belfast Fire Department to Post Office Square. Street closures affect Post Office Square (Franklin Street to Court Street, including PO Parking), Main Street (closed at High and Market Streets), Church Street (closed at Market Street and just before the upper entrance to the Beaver Street Public parking lot), and





CITY OF BELFAST

131 Church Street
Belfast, Maine 04915

Memo. to Ms. Herbig, City Manager
August 12, 2024
Page 2

Beaver Street (closed just before the lower entrance to the Beaver Street Public parking lot). Our Town Belfast will request electricity access from the US Post Office, and will utilize the City's sound system; they also request barricades and support from the Belfast Police Department to accommodate road closures and traffic/crowd control. This request was shared with Police Chief Cormier and Public Works Director Richards; no comments were received. A Certificate of Insurance has been provided. **Parks and Recreation is requesting a Facility Use Request approval.**



Request to use Facilities
Belfast Lions
Belonging to the Citizens of the City of Belfast

It is the general policy of the City of Belfast 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, including all streets, roads, easements and rights of way. This is a planning checklist for your benefit as well as the City's. 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. Approvals cannot be given to individuals or groups who are uncertain of their plans. Please attach maps, additional sheets, event outlines etc.- that 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.

1. State your name and whom you represent?

Karen Varney - Belfast Lions Club
Leonard Kalinowski - RunBelfast

2. What facilities would you like to use or what permissions are you seeking with respect to property owned by the Citizens of Belfast? Please be specific _____

Waldo Ave, Cedar St., Penobscot Terrace, Northport Ave, Church St., Park, Court, Franklin.

3. What dates and times do you wish to have this event? October 26, 2024, 7:00 - 10:00 a.m.

3a. Do you have a rain date and if so when? N/A

4. Will you want to put up banners or signs? (If so where and the dates the signs will be put up and taken down)

N/A

5. Are you asking to close off any City Streets? (Which ones, what dates, for how long a period of time each day?).

Bridge on Waldo Ave just for the start of the race 8:20 - 8:35

6. Please describe this event in detail. If there is a schedule then attach it and explain it here.

Road race, 5K.

Belfast Lions Club Ghostly Gallop 5K . Registration begins at 7:30 at BAHS.

Race at 8:30 a.m. Awards will be near track at the high school.

7. How many people do you expect? 75 - 100

8. Will you be charging admission to this event? Yes, fee for participants (runners/walkers)

9. Will you be selling things at this event? No

If so what?

10. Will any alcohol be served or consumed at this event? (If yes provide details)

N/A

11. Does this event call for any type of open fire- including for cooking purposes? (If so describe what fire safety measures you plan on employing associated with this potential hazard?)

NO

12. Will you be renting spaces to vendors on City Property? No

13. Describe what type of vendor and the charges you propose to assess against them.

N/A

14. Will you have insurance in the amount of \$1,000,000 that also names the City of Belfast as an "additional named insured party" to hold the City harmless from any and all injuries that may occur as the result of any negligence on your part in conducting this event?

Yes: current policy to be provided, separately.

15. Who is your insurance agent that will provide proof of this coverage to the City?

See 14.

16. Noise: What kind of noise do you expect to generate at this event and during which specific periods of time? _____

Fans cheering at start and finish (BAHS)

City of Belfast - Facilities Request

17. How do you propose to handle garbage removal?

Lions will handle during clean up

18. How do you propose to handle parking?

BAHS Parking Lot

19. How do you propose to handle security? N/A

20. How do you propose to handle the need for restrooms? _____

BAHS facilities

21. What is your plan/need for electricity or water? N/A

22. Have you spoken to the neighbors in the area of this event and discussed, traffic, noise, parking, etc., with them? N/A

23. Who will be in charge of the event and what are their home and cell phone numbers, email addresses- where they can be reached before and during this event?

Karen Varney / varneykaren22@gmail.com / 462-2698

Leonard Kalinowski / leonard_kalinowski@yahoo.com

Laura Lougheed / Laura.lougheed@yahoo.com

What specific City services or assistance are you asking for? _____

Department

Service Requested

City Manager _____

Police

Continue "gentlemen's agreement to have an officer available at start

Fire/Ambulance _____

Parks

20 cones and two garbage cans with liners

Public Works _____

City of Belfast - Facilities Request

Harbor _____

Planning (Maps) _____

Cable TV _____

Please draw a diagram of the area you're proposing to use and how it will be laid out

Route map attached

2 Attachments

1. Current insurance policy to be provided separately
2. Route Map

ADMINISTRATIVE COMMENTS (Internal City use only)

City Manager's Office _____

City Clerk's Office _____

Police Department _____

Fire/Ambulance Department _____

Parks Department _____

Public Works Department _____

Harbor Master _____

Boat House Coordinator _____

Planning Department _____

Other Notes: _____



**Request to use Facilities that
Belong to the Citizens of the City of Belfast**

Event: Holiday Tree installation and lighting.
Dates: Tree Lighting is November 30, 2024
Event Representative: Amanda Cunningham, Our Town Belfast
Proposed Location/Area to be used: Post Office Square

All applications and related documents bring to the Parks and Recreation Office at City Hall. 338-3370 Ext 27. The City Manager’s Office will act as a backup.

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 is a planning checklist for your benefit as well as the City’s. **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.** Approvals cannot be given to individuals or groups who are uncertain of their plans.

Please attach maps, additional sheets, event outlines, etc. - that help to explain your request.
If any of the following questions do NOT apply to your event simple write N/A (not applicable) in the space provided. Thank you.

- 1. State your name, phone number, e-mail address, and identity of whom you represent.
 - Amanda Cunningham, Executive Director, Our Town Belfast
 - Director@ourtownbelfast.org
 - 207-218-1158

If you are not going to be the primary contact for this event – then who is and please provide their full name, phone number, and email address: n/a

- 2. Describe in detail the nature of this event (What are you planning on?):
 - Annual Holiday Tree Lighting with Santa and Mrs. Clause arriving with the Belfast Fire Department on a Fire Truck to Post Office Square. This family-friendly event brings hundreds of Belfastians together to kick off the holiday season in downtown Belfast.

3. What facilities would you like to use or what permissions are you seeking with respect to City buildings, Parks, Lands, Streets, sidewalks? Please be specific.

- Post Office Square including the parking area, Main Street to High Street, Church Street to Market Street, Beaver Street to the lower exit for Beaver Street Public Parking Lot, and Franklin Street to Court Street.

4. What **dates and times** do you wish to have this event?

- Saturday, November 30, 2024, 4:00 - 6:00 p.m.

5. Are you asking to close off any City Streets? (Which ones, what dates, for how long a period of time each day?)

Closures of the following streets on Saturday, November 30, 2024, from 4:00 to 6:00 p.m.:

- Main Street from Market Street to High Street.
- Church Street from the corner of the Opera House Block, allowing access to the Beaver Street Public Parking Lot entrance, to Market Street.
- Beaver Street to the top of the lower exit of the Beaver Street Public Parking Lot.
- Franklin Street to Court Street.

If yes then who will manage these closed-off Streets?

- Our Town Belfast, Belfast PD

6. Are you asking the City for anything other than the use of the facilities you have described above?

- Yes, police presence for crowd control and traffic monitoring.

7. How many people do you expect?

- Approx. 500+ people

8. Will you be selling things at this event? What and by who if not you?

- No

9. Will any alcohol be served or consumed at this event? (If yes provide details)

Where?

- No

By Whom: Name and Phone contact number:

- N/A

10. Does this event call for any type of open fire - including for cooking purposes? (If so describe what fire safety measures you plan on employing associated with this potential hazard?)

- No

11. Will you be renting spaces to vendors on City Property? Yes No

If yes where do you propose they set up? (MAP Location) n/a

12. Describe what type of vendor and the charges you propose to assess against them.

- n/a

13. Will you have insurance in the amount of \$1,000,000 that also names the Inhabitants of The city of Belfast as an additional named insured party 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?
- Yes
14. Who is your insurance agent that will provide proof of this coverage to the City?
- Allen Insurance and Financial
15. Noise: What kind of noise do you expect to generate at this event and during which specific period of time?
- Use of a sound system for caroling and announcements, soft music, and conversation from 4:15 to 6:00 p.m.
16. How do you propose to handle garbage removal?
- Our Town Belfast will handle garbage removal
17. How do you propose to handle parking?
- Attendees will use city street parking and parking lots
18. How do you propose to handle security?
- We are requesting the presence of Belfast PD for the evening for security purposes
19. How do you propose to handle the need for restrooms?
- For the short amount of time that this event takes place, we do not anticipate a need for restrooms
20. What is your plan/need for electricity or water?
- We will need to run electricity from the Post Office
21. Have you spoken to the neighbors in the area of this event and discussed traffic, noise, parking, etc. with them?
- We will speak with the downtown businesses that will be affected by this event
22. Who will be in charge of the event during the event and what are their home phone numbers, cell phone numbers, and email addresses - where they can be reached before and during this event?
- Amanda Cunningham
 - (cell/home) 207.939.5638, (office) 207.218.1158, (email) director@ourtownbelfast.org
23. Are you requesting any services from the City? Be specific on the services you are asking for
- Belfast Parks & Rec and Belfast Public Works to assist with barricades and Belfast PD for assisting with street closures and security

Department

Service Requested

City Manager _____

Police

- Belfast PD for assisting with street closures and security

Fire/ Ambulance _____

Parks

- Parks to help with barricades

Public Works

- Public Works to provide barricades/cones for street closures

Harbor _____

Other? _____

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.



FACILITY USE APPLICATION CHECKLIST

- Application complete with contact names and contact information
- Specific facility or park requested
- Dates/times of the event and extra set-up time if necessary
- Specific request of City services:
 - electrical needs
 - street closures
 - police assistance
 - trash removal
- Vendor permits (necessary if serving alcohol)
- Parking plan
- Insurance Certificate (need to receive two weeks prior to event)
- Map/diagram of event layout
- Music cannot reach a volume level of more than 7 on controls
- Plan for restroom facilities
- Scheduled meeting with City Representative

My signature attests to the review of the checklist and the realistic view of the event provided to the City. Any deviation from the written request is grounds for cancellation of the event by the City of Belfast without notice.

Signature

Printed Name: Amanda Cunningham

Date: 8/7/24



ADMINISTRATIVE COMMENTS
(Internal City use only)

City Manager's Office

Police Department

Fire/Ambulance Department

Parks Department

Public Works Department

Harbor Master

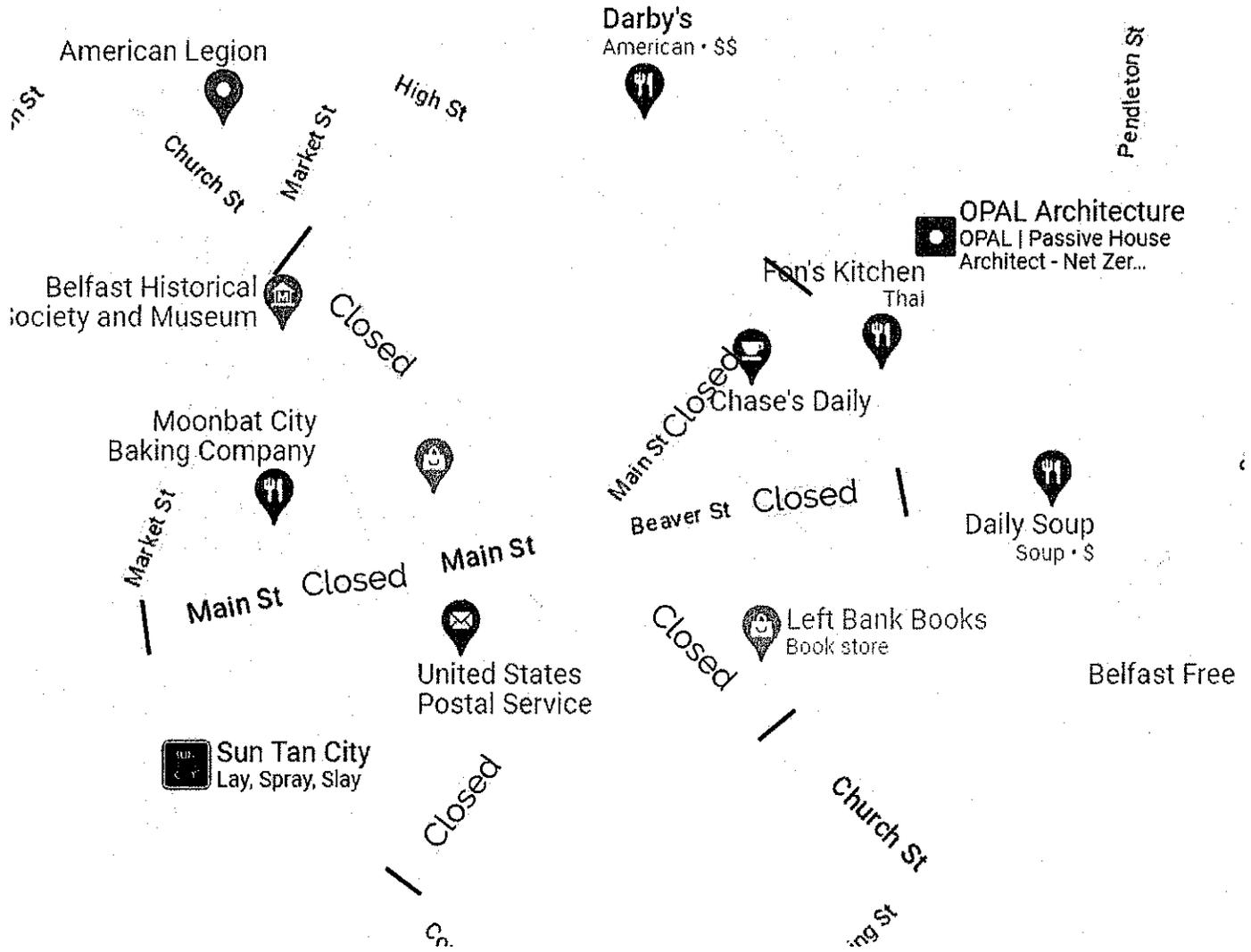
Boat House Rental Agent

Other Notes:

MAP OF EVENT:



Annual Holiday Tree Lighting Street Closures



10.A

CITY OF BELFAST

SEDIMENT STUDY FOR BREAKWATER IMPROVEMENTS

MARCH 20, 2024



wsp



SEDIMENT STUDY FOR BREAKWATER IMPROVEMENTS

CITY OF BELFAST

REPORT (VERSION 2)

PROJECT NO.: 31405761.000

DATE: MARCH 2024

WSP
ONE PENN PLAZA
NEW YORK, NY 10119

TEL.: +1 212 465-5000

FAX: +1 212 465-5096

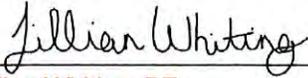
WSP.COM

QUALITY MANAGEMENT

ISSUE/REVISION	FIRST ISSUE	REVISION 1
Remarks	First Draft	Final
Date	3/12/2024	3/20/2024
Prepared by	Andrew Dang and Olivia Shields	Andrew Dang and Olivia Shields
Signature	<i>Andrew Dang Oshields</i>	<i>Andrew Dang Oshields</i>
Checked by	Jillian Whiting, PE	Jillian Whiting, PE
Signature	<i>Jillian Whiting</i>	<i>Jillian Whiting</i>
Authorized by	Ahintha Kandamby, PhD, PE	Ahintha Kandamby, PhD, PE
Signature	<i>Ahintha Kandamby</i>	<i>Ahintha Kandamby</i>
Project number	31405761	31405761

SIGNATURES

PREPARED BY



Jillian Whiting, PE

Water Resources Modeling Engineer

REVIEWED BY



Ahintha Kandamby, PhD, PE

Assistant Vice President, Water Resources Engineering, NYC

This report was prepared by WSP for the account of City of Belfast, in accordance with the professional services agreement. The disclosure of any information contained in this report is the sole responsibility of the intended recipient. The material in it reflects WSP's best judgement in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. WSP accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. This limitations statement is considered part of this report.

The original of the technology-based document sent herewith has been authenticated and will be retained by WSP for a minimum of ten years. Since the file transmitted is now out of WSP's control and its integrity can no longer be ensured, no guarantee may be given with regards to any modifications made to this document.



TABLE OF CONTENTS

1	INTRODUCTION	1
1.1	Background.....	1
1.2	Study Objective.....	1
2	HYDRODYNAMIC MODEL DEVELOPMENT	2
2.1	Model Scenarios	2
2.1.1	Sediment Transport Model Scenarios	2
2.2	Model Extent	2
2.3	2-D Mesh	3
2.4	Terrain	3
2.5	Roughness	4
2.6	Sediment	4
2.7	Computation Settings.....	4
2.8	Boundary Conditions	5
2.8.1	Upstream Boundary Conditions	5
2.8.2	Downstream Boundary Conditions.....	5
2.9	Hydraulic Structures.....	6
2.9.1	Armistice Bridge.....	6
3	WAVE MODEL DEVELOPMENT	7
3.1	Wave Model Scenarios	7
3.2	Model Extent	7
3.3	Bed Level	8
3.4	2-D Mesh	8
3.5	Initial Conditions.....	8
3.6	Boundary Conditions	9
3.6.1	Waves.....	9
3.6.2	Wind	9
3.7	Hydraulic Structures.....	9



4	RESULTS	10
4.1	Hydrodynamics	10
4.1.1	Current Velocity	10
4.1.2	Wave Heights	11
4.2	Bed Level Change Assessment.....	12
4.3	Shear Stress Analysis	14
4.3.1	Wave-Induced Shear Stress.....	15
4.3.2	Current-Induced Shear Stress	16
4.4	Sediment Transport	17
4.4.1	Transport Capacity.....	17
4.4.2	Sediment Plume	18
5	CONCLUSIONS.....	20
6	REFERENCES	21

TABLES

TABLE 2-1	HEC-RAS MODEL SCENARIOS	2
TABLE 2-2	PARTICLE SIZE DISTRIBUTION SURROUNDING BREAKWATER	4
TABLE 3-1	DELFT MODEL SCENARIOS	7
TABLE 3-2	WIND DIRECTION WAVE SENSITIVITY ANALYSIS	9
TABLE 3-3	HYDRAULIC STRUCTURES INFORMATION	9
TABLE 4-1	CURRENT VELOCITY COMPARISON	11
TABLE 4-2	BED LEVEL CHANGE ANALYSIS	12
TABLE 4-3	CURRENT-INDUCED SHEAR STRESS SURROUNDING THE BREAKWATER	16

FIGURES

FIGURE 2-1	BELFAST MODEL EXTENT	3
FIGURE 2-2	BELFAST COASTAL BOUNDARY TIDAL DATA	5
FIGURE 3-1	DELFT WAVE MODEL DOMAIN & MESH	8
FIGURE 4-1	OBSERVATION POINT LOCATIONS	10
FIGURE 4-2	SCENARIO 7 SIGNIFICANT WAVE HEIGHT	11
FIGURE 4-3	BED LEVEL CHANGE ANALYSIS – LONG-TERM (2011 TO 2022)	13
FIGURE 4-4	BED LEVEL CHANGE ANALYSIS – SHORT-TERM (2011 TO 2018)	13
FIGURE 4-5	BED LEVEL CHANGE ANALYSIS – SHORT-TERM (2018 TO 2022)	14
FIGURE 4-6	SCENARIO 8 WAVE SHEAR STRESS	15
FIGURE 4-7	SCENARIO 10 WAVE SHEAR STRESS	16
FIGURE 4-8	ANNUAL FLOW WITH DAILY TIDE CRITICAL SHEAR STRESS	17
FIGURE 4-9	BREAKWATER TRANSPORT CAPACITY	18
FIGURE 4-10	SCENARIO 4 AND 8 SEDIMENT PLUME	19

APPENDICES

A	HYDRAULIC MODEL RESULTS
B	WAVE MODEL RESULTS

1 INTRODUCTION

1.1 BACKGROUND

The Belfast Breakwater (the breakwater) is located in Belfast, Maine. In 2019, Wood Environment and Infrastructure Solutions (Wood E&IS) completed a “Vulnerability Assessment and Resilience Planning” report for the Public Landing in Belfast, Maine as part of the Penobscot Bay Work Waterfront Resiliency Analysis for the Maine Department of Marine Resources (Wood E&IS, 2019). The recommendations in this report include a detailed functional analysis of the breakwater and to raise or retrofit the breakwater to better protect the harbor assets.

In November 2022, WSP USA Environment & Infrastructure, Inc. (WSP, formerly Wood I&ES) completed an evaluation of options for improvements to the City of Belfast breakwater (WSP, 2022). The evaluation report provided the City of Belfast (City) with three (3) options for the proposed breakwater design. The three options were to:

1. Rebuild breakwater in current footprint and raise 3.9 feet with similar materials
2. Rebuild and extend breakwater 60 feet and raise 3.9 feet with similar materials
3. Rebuild and extend breakwater 60 feet using fiberglass reinforced polymer (FRP) and raise 3.9 feet.

In March 2023, WSP submitted a final conceptual design for the breakwater based on the third option listed above and noted the need for the sediment study detailed in this report (WSP, 2023).

1.2 STUDY OBJECTIVE

The purpose of this study was to assess the effects of extending the proposed redesign of the breakwater on the hydrodynamics and sedimentation in the area of the breakwater specified by the City (refer to Area of Interest on **Figure 2-1**). The components of this study are listed below:

- Hydrodynamic assessment of the coastal currents and coastal waves in the vicinity of the proposed redesigned Breakwater;
- Shear stress analysis of the riverbed in the vicinity of the proposed breakwater;
- Riverbed/harbor level change assessment based on past surveyed data in the Belfast Channel; and
- Modeling of potential sediment plumes in the vicinity of the proposed breakwater.

2 HYDRODYNAMIC MODEL DEVELOPMENT

The hydrodynamic assessment was conducted using the United States Army Corp of Engineers (USACE) Hydraulic Engineering Center – River Analysis System (HEC-RAS), Version 6.3.1 software. HEC-RAS has the capability to perform two-dimensional (2D) unsteady hydraulic modeling of river channels and floodplains.

2.1 MODEL SCENARIOS

Due to the tidal location of the Belfast breakwater, the hydraulic model simulated multiple flow combinations in the existing and proposed breakwater conditions. **Table 2-1** below shows the eight (8) scenarios of combined upstream riverine flows and downstream tidal conditions simulated in HEC-RAS to evaluate the hydraulic effects on breakwater and its vicinity. The boundary conditions used to create the simulated flow regimes are discussed in **Section 2.8**.

Table 2-1 HEC-RAS Model Scenarios

SCENARIO	BREAKWATER DESIGN	UPSTREAM BOUNDARY	TIDAL BOUNDARY
1	Existing	Annual Average Flow	Annual Average Tide
2		100-year Storm Flow	Annual Average Tide
3		Annual Average Flow	Storm Surge
4		100-year Storm Flow	Storm Surge
5	Proposed	Annual Average Flow	Annual Average Tide
6		100-year Storm Flow	Annual Average Tide
7		Annual Average Flow	Storm Surge
8		100-year Storm Flow	Storm Surge

2.1.1 SEDIMENT TRANSPORT MODEL SCENARIOS

In addition to hydrodynamic simulations, all 8 scenarios were simulated using HEC-RAS sediment transport modeling discussed in **Section 2.6**. Scenarios 4 and 8 were used for the sediment plume modeling to represent sediment in high flows after a major storm event. These scenarios were chosen to demonstrate the plume movement during the highest energy simulations.

2.2 MODEL EXTENT

The hydrodynamic model extended from approximately 1.65 miles upstream of the breakwater over the Passagassawakeag River to 2.2 miles downstream into Belfast Bay as shown on **Figure 2-1**. The downstream boundary was selected to identify potential sedimentation impacts of the proposed breakwater within Belfast Bay, and the upstream boundary was selected to allow upstream flow to stabilize as it enters the tidal mixing area of the Passagassawakeag Rier and Belfast Bay.

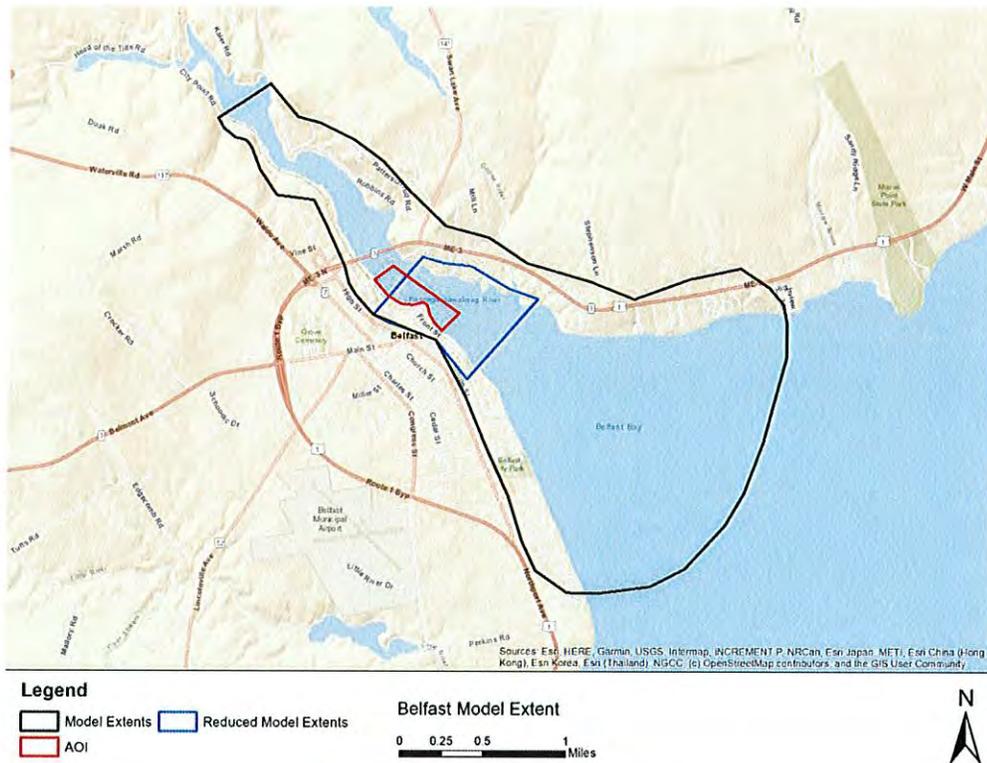


Figure 2-1 Belfast Model Extent

2.3 2-D MESH

The hydraulic model used a 20-ft base cell size for the computational mesh. Breaklines were used to modify the computational mesh to align the cell faces, where HEC-RAS performs the hydraulic computations, with elevated terrain features such as embankments, natural ridgelines, and depressions. Cell sizes in the vicinity of the breakwater were set to 10-ft.

2.4 TERRAIN

A topobathymetric terrain was developed as a main geometric input into the hydrodynamic models by combining three elevation data sources. They are as follows:

1. NOAA's Continuously Updated DEM (Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado, 2014) was used for the bathymetry of the Passagassawakeag River and Belfast Bay with a horizontal resolution of 3.5 ft.
2. USGS Statewide Maine LiDAR was used for the general topography with a horizontal resolution of 5.4 ft.
3. A Site-specific harbor survey provided by Wood I&ES was applied in the immediate vicinity of the breakwater within the area of interest (AOI).

The existing breakwater dimensions and proposed breakwater design were incorporated into the respective topobathymetric terrain based on the designs and survey provided in the Conceptual Plan for the breakwater (WSP, 2023).

2.5 ROUGHNESS

Surface roughness and the associated friction is approximated in the HEC-RAS model using the Manning’s N value based on land cover type. The National Ocean and Atmospheric Administration (NOAA) Coastal Change Analysis Program (C-CAP) 2016 land cover data was utilized as the base land cover dataset (National Oceanic and Atmospheric Administration, 2023).

2.6 SEDIMENT

2D Sediment Transport modeling in HEC-RAS was used for the sediment analysis of the breakwater. The HEC-RAS model has several sediment transport modeling options, each increasing the complexity and data required for the model. The initial setting used was “capacity only,” meaning the model only computes the sediment transport capacity without requiring a full mobile bed model. Sediment transport capacity is defined as the maximum load of sediment that could be carried for a unit flow rate measured in units of lb/ft/s. This can be used to identify areas capable of sediment transport. Transport capacity analysis was completed for the 8 scenarios listed in **Section 2.1**. This capacity analysis was completed to demonstrate the proposed breakwater’s impact on the sediment transport surrounding the breakwater.

Additionally, a sediment plume model was developed to analyze and show the transportation and accumulation of sediments surrounding the breakwater under high flows described in **Section 2.1.1**. For this, a fixed-bed approach, where bed sediments cannot erode into the flow, was utilized in HEC-RAS to analyze transport capacity. The sediment plume analysis was simulated under the Scenario 4 and Scenario 8 flow conditions as defined in Table 2-1. For model efficiency, a reduced model domain, shown in **Figure 2-1**, was used which focused only a small area that includes the breakwater.

The sediment gradation data used for the plume model was collected by Sevee & Maher Engineers (Sevee and Maher Engineers, 2002) and analyzed at three locations surrounding the existing breakwater. Cumulative grain size distributions were provided for each sample location. The sample closest to the breakwater was selected for the plume model input, and the respective grain size distribution is displayed in **Table 2-2** below. The nearest sample was chosen, so the results would have the highest accuracy in the closest to the breakwater where the effects are expected to be the largest.

Table 2-2 Particle Size Distribution Surrounding Breakwater

MAXIMUM SIZE (MM)	% MASS FINER
19.10	100%
12.70	100%
9.50	100%
4.76	97%
2.00	92%
0.84	87%
0.42	81%
0.25	75%
0.15	66%

2.7 COMPUTATION SETTINGS

The hydrodynamic model used the Shallow Water Equations-Eulerian-Lagrangian Method (SWE-ELM) available in HEC-RAS to perform the flow computations over the mesh. The SWE-ELM computation method brought additional accuracy to models tidal conditions and sediment transport.

The scenarios in **Table 2-1** were simulated for a 24-hr period with a timestep range of 8 to 16 seconds. Model data was output on 10-minute time intervals.

2.8 BOUNDARY CONDITIONS

2.8.1 UPSTREAM BOUNDARY CONDITIONS

No stream gauge data was available for the Passagassawakeag River as it flows into Belfast Bay where the breakwater is located. Therefore, the StreamStats, a tool developed by US Geological Survey, was used to provide the inflow boundary conditions to the model. The Passagassawakeag River watershed spans 69 square miles. StreamStats reported an annual mean flow rate, representing a normal-day flow rate, of 137 cfs and 1% annual exceedance probability flow rate, representing a 100-year storm flow rate of 5,250 cfs (US Geological Survey, 2019).

2.8.2 DOWNSTREAM BOUNDARY CONDITIONS

The downstream tidal boundary condition was extracted from the nearest NOAA station in Bar Harbor (Station ID: 8413320) approximately 40 miles east of Belfast Bay. A 24-hr period of tidal elevation data was selected to represent the daily tidal cycle at the boundary. This gage station does not report the tidal datums referred to North American Vertical Datum 1988 (NAVD 88). Therefore, the VDATUM tool was used to convert the datum from tidal datums to NAVD88 for use in the hydrodynamic model.

A synthetic storm surge hydrograph shown in **Figure 2-2** was developed using the methods presented in HEC-25, “Tidal Hydrology, Hydraulics, and Scour at Bridges” (Lagasse, Zevenbergen, & Edge, 2004). The standard project hurricane (SPH) extracted for Maine from NOAA TR-23 (1979) has a maximum wind radius of 61 km and a storm forward speed of 72.6 km/hr. The peak storm surge was aligned with the peak high tide to create a flow hydrograph that represented the highest possible combined water levels as shown in **Figure 2-2**.

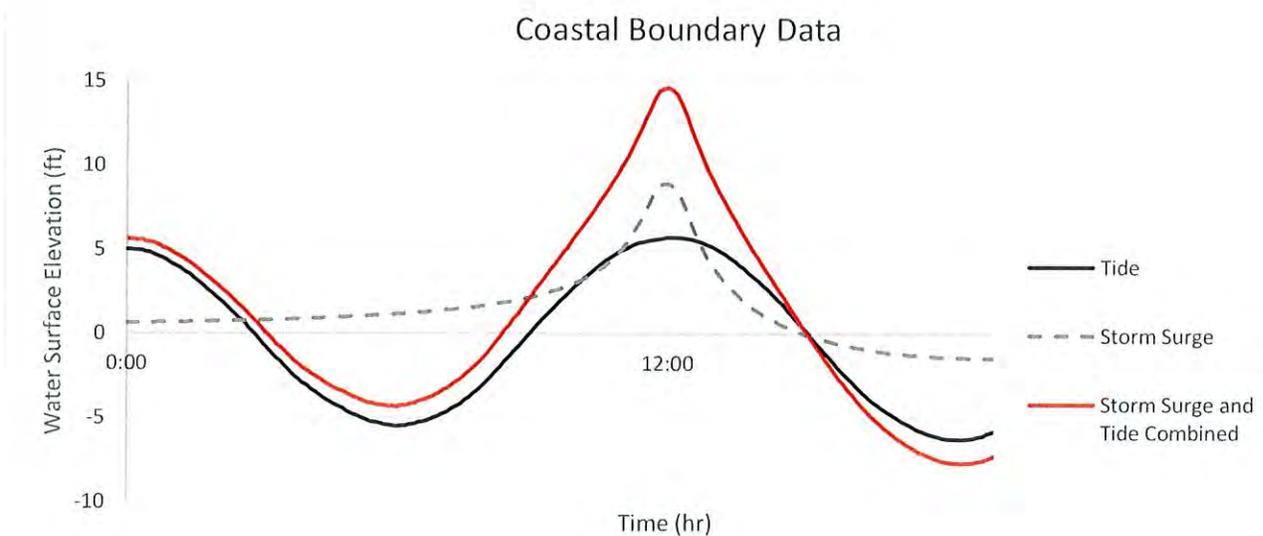


Figure 2-2 Belfast Coastal Boundary Tidal Data

2.9 HYDRAULIC STRUCTURES

There are two bridges located within the model domain. The Acadia Highway bridge is approximately 0.4 miles upstream of the breakwater and the Armistice Bridge is approximately 0.3 miles upstream of the breakwater. The Acadia Highway bridge has a high low chord elevation and is unlikely to be inundated in storm events. Therefore, the Acadia Highway bridge is not included in the hydraulic model. The Armistice Bridge is a pedestrian bridge with a low profile and can be inundated under storm events.

2.9.1 ARMISTICE BRIDGE

The Armistice Bridge spans the Passagassawakeag River approximately 1,500 ft upstream of the proposed breakwater. The bridge's high and low chord elevations, as well as the pier and abutment dimensions were extracted from the US Coast Guard Permit Plans. The existing Armistice Bridge has a roadway width of 20 ft, a uniform high chord elevation of 15.23 ft and low chord elevation of 13.65 ft, and a total of 17 piers. The bridge was simulated in HEC-RAS with the standard energy equation for bridge flow.

3 WAVE MODEL DEVELOPMENT

The wave analysis was conducted in the Delft-3D software, Version 2021.03, using the D-Wave module. The D-Wave module computes the steady-state wave propagation of short-crested waves over uneven bathymetry considering, wind action, energy dissipation due to bottom friction, wave breaking, reflection, refraction, shoaling, and directional spreading (Deltares, 2020). The basic model inputs including domain, mesh, and input parameters are discussed in Sections 3.2 through 3.7. The primary output of the model is significant wave height which is discussed in Section 4.1.2.

3.1 WAVE MODEL SCENARIOS

The model scenarios represent the effects of varying wind directions and speeds, water levels, and wave heights on both the existing and proposed breakwaters. Twelve scenarios listed in Table 3-1 below were used for the wave analysis; refer to Section 3.6.2 for rationale for the wind directions modeled. Normal-day conditions represent the average conditions that the site would experience as compared to storm conditions which occur infrequently and have a calculated return period.

Table 3-1 Delft Model Scenarios

SCENARIO	BREAKWATER DESIGN	WAVE BOUNDARY	WIND SPEED	WATER LEVEL
1	Existing	Normal-Day Wave	Normal Day East Wind	Mean High Water
2	Existing	Normal-Day Wave	Normal Day South-East Wind	Mean High Water
3	Proposed	Normal-Day Wave	Normal Day East Wind	Mean High Water
4	Proposed	Normal-Day Wave	Normal Day South-East Wind	Mean High Water
5	Existing	100-year Wave Height	100-year Storm East Wind	Mean High Water
6	Existing	100-year Wave Height	100-year Storm South-East Wind	Mean High Water
7	Proposed	100-year Wave Height	100-year Storm East Wind	Mean High Water
8	Proposed	100-year Wave Height	100-year Storm South-East Wind	Mean High Water
9	Existing	100-year Wave Height	100-year Storm East Wind	100-year Water Level
10	Existing	100-year Wave Height	100-year Storm South-East Wind	100-year Water Level
11	Proposed	100-year Wave Height	100-year Storm East Wind	100-year Water Level
12	Proposed	100-year Wave Height	100-year Storm South-East Wind	100-year Water Level

3.2 MODEL EXTENT

The model extents of the Delft wave model are shown in Figure 3-1. The domain extends from approximately 2.5 miles upstream of the breakwater in the Passagassawakeag River to approximately 2.5 miles downstream of the breakwater in the Belfast Bay. The Belfast Bay is tidally connected to the Atlantic Ocean.

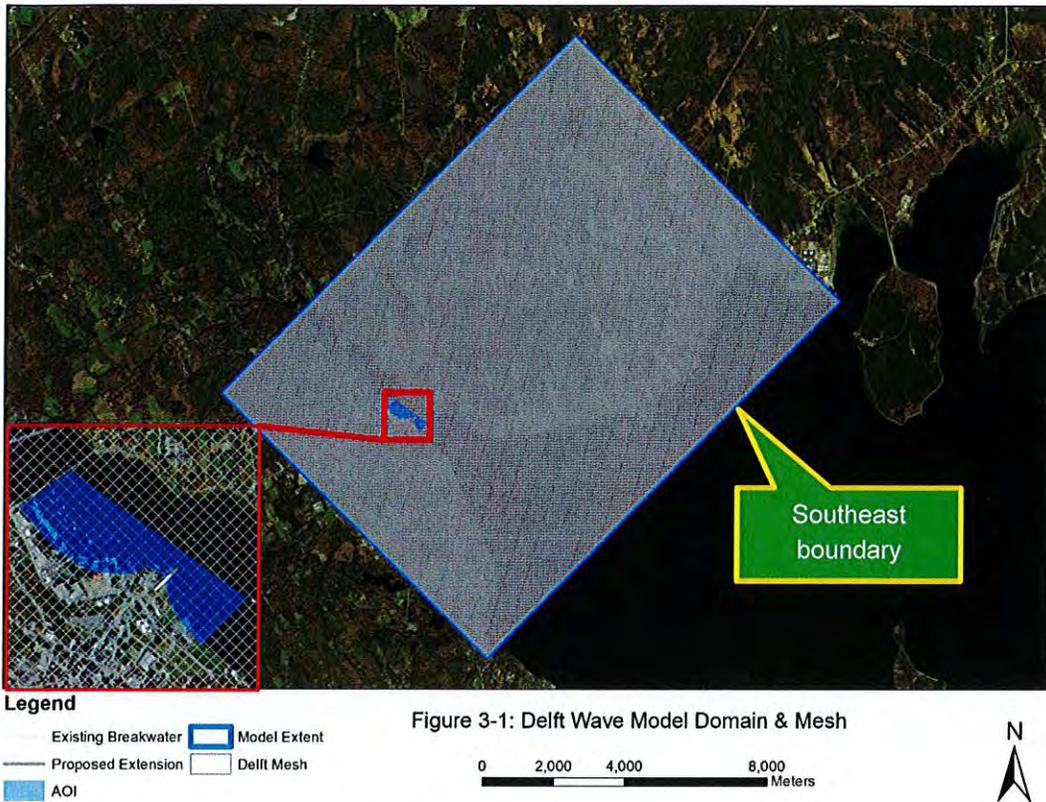


Figure 3-1 Delft Wave Model Domain & Mesh

3.3 BED LEVEL

The bed level data input into the Delft wave model for each cell was derived from the terrain described in Section 2.4. Delft assumes a uniform bed level for each cell in the 2-D mesh.

3.4 2-D MESH

The Delft wave models uses a 2-D grid to discretize the wave calculations across the domain. A uniform grid was used for the simulations meaning that all cells within the domain are equal in size. The 2-D mesh for the wave model has a uniform cell size of 110 ft (33.33 meters) by 110 ft (33.33 meters) equating to a cell size of 12,100 square feet (1111.1 square meters) and is shown in Figure 3-1.

3.5 INITIAL CONDITIONS

The initial conditions of the wave model are the still water level over which the waves are propagated. Scenarios 1 through 8 used the mean high-water (MHW) value of 4.8 feet NAVD88 (1.46 meters) from NOAA Station (ID:8413320) located in Bar Harbor, ME. This represents a normal-day condition. Scenarios 9 through 12 used the 100-year return period water level of 8.92 feet NAVD88 (2.72 meters) based on the North Atlantic Comprehensive Coastal Study (NACCS) dataset which represents storm surge conditions.

3.6 BOUNDARY CONDITIONS

3.6.1 WAVES

The wave boundary condition was applied at the southeast boundary of the model, as shown in **Figure 3-1**, at the confluence with Belfast Bay. For the normal-day condition it was assumed that due to its sheltered location from the Atlantic, the wave height at the boundary is zero. To represent a storm condition, a boundary wave height of 6.3 feet (1.92 meters) was applied based on the NACCS 100-year return period significant wave height. This represents storm waves propagating into the model from the Atlantic Ocean and Belfast Bay.

3.6.2 WIND

The NOAA National Centers for Environmental Information (NCEI) has a local climatological data station located in Bar Harbor, ME (ID: WBAN14616) which has collected wind data since 2005. An extreme value analysis, a statistical analysis of extrema, was conducted on the wind and wave data to determine estimated return periods for input into the model using the Weibull distribution detailed in the CEM Part II Chapter 8 (US Army Corps of Engineers, 2015). The analysis was conducted on both the entire wind spectrum, as well as by 45° sector; only sectors with a significant fetch towards the breakwater were considered. The results are shown in **Table 3-2** below. Wind growth of waves can greatly increase the significant wave heights of nearshore waves. The wind energy on the surface of the water is transmitted to the waves. Following the analysis, average wind speeds for all directions were input in the Delft model where it was determined that eastern and southeastern winds resulted in the highest significant wave height.

Table 3-2 Wind Direction Wave Sensitivity Analysis

WIND DIRECTION	ANGLE FROM NORTH (DEGREES)	AVERAGE WIND SPEED	100-YR RETURN PERIOD WIND SPEED
North	0	2.95 ft/s (0.90 m/s)	51.4 ft/s (15.67 m/s)
East	90	13.3 ft/s (4.05 m/s)	72.3 ft/s (22.03 m/s)
South-East	135	12.9 ft/s (3.93 m/s)	65.4 ft/s (19.94 m/s)
South	180	12.0 ft/s (3.66 m/s)	50.2 ft/s (15.31 m/s)
West	270	13.2 ft/s (4.01 m/s)	61.4 ft/s (18.71 m/s)
North-West	315	10.7 ft/s (3.25 m/s)	41.6 ft/s (12.67 m/s)

3.7 HYDRAULIC STRUCTURES

The existing and proposed breakwaters were input into Delft 3-D as shown in **Table 3-3** below. Given that breakwaters are porous and not flat, it can be assumed that reflection will be minimal and the energy will instead be absorbed by the structure. The transmission coefficients, alpha and beta, were selected based on the slope of the breakwater according to the Delft Wave Manual (Deltares, 2020).

Table 3-3 Hydraulic Structures Information

STRUCTURE	STRUCTURE HEIGHT	TRANSMISSION ALPHA	TRANSMISSION BETA
Existing	9.1 ft (2.7737 m)	2.6	0.15
Proposed	13.0 ft (3.9624 m)	2.6	0.15

4 RESULTS

4.1 HYDRODYNAMICS

4.1.1 CURRENT VELOCITY

Current velocity analysis demonstrates the impact of the proposed breakwater on the surrounding tidal movements. The current velocity values were extracted from the model at two key observation points for comparison between existing and proposed breakwater designs shown in **Figure 4-1**. The velocity results for all simulations can be found in Appendix A.

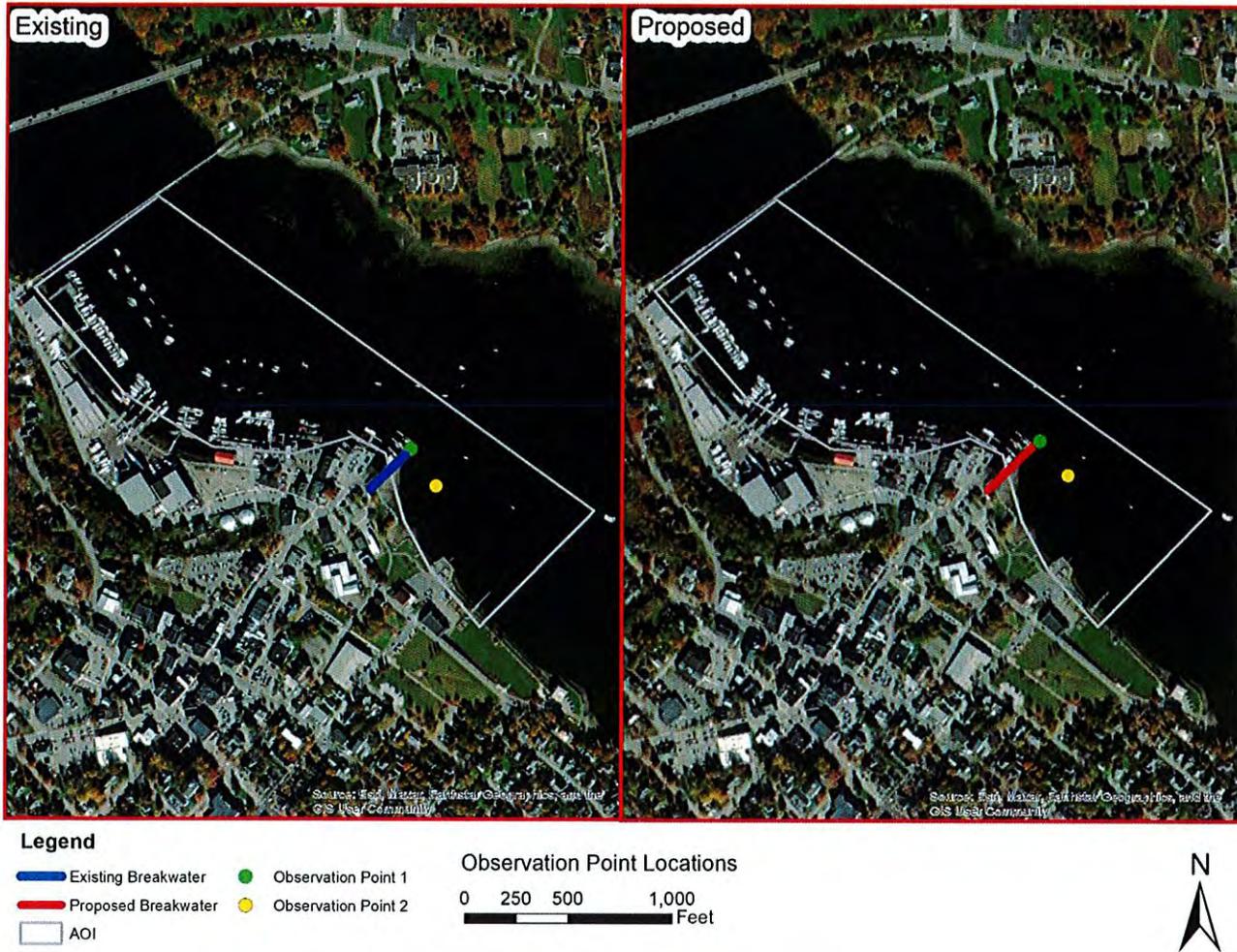


Figure 4-1 Observation Point Locations

As shown in **Table 4-1**, the proposed breakwater design primarily increased the current velocities at the tip of the breakwater, with minimal changes to the velocity downstream of the breakwater. This occurs due to the extended breakwater constricting the flow in the channel, increasing the velocity around the tip. The effects dissipate immediately downstream of the proposed structure within approximately 150 ft.

Table 4-1 Current Velocity Comparison

SCENARIO	BREAKWATER DESIGN	TIP OF BREAKWATER (FT/S) (OBSERVATION POINT 1)	DOWNSTREAM OF BREAKWATER (FT/S) (OBSERVATION POINT 2)
1	Existing	0.45	0.23
2		0.95	0.51
3		1.1	0.56
4		1.39	0.76
5	Proposed	0.54	0.23
6		1.28	0.41
7		1.37	0.54
8		1.68	0.71

4.1.2 WAVE HEIGHTS

Delft outputs significant wave height, which is the mean wave height of the largest third of the wave heights and the most reported wave height characteristic. For the daily wind and wave scenarios, the modeled waves near the breakwater were below 0.2 m (0.66 ft), as shown in **Figure 4-2**. The proposed breakwater slightly reduced the wave heights in the lee of the breakwater. The wave results for all simulations can be found in **Appendix B**.

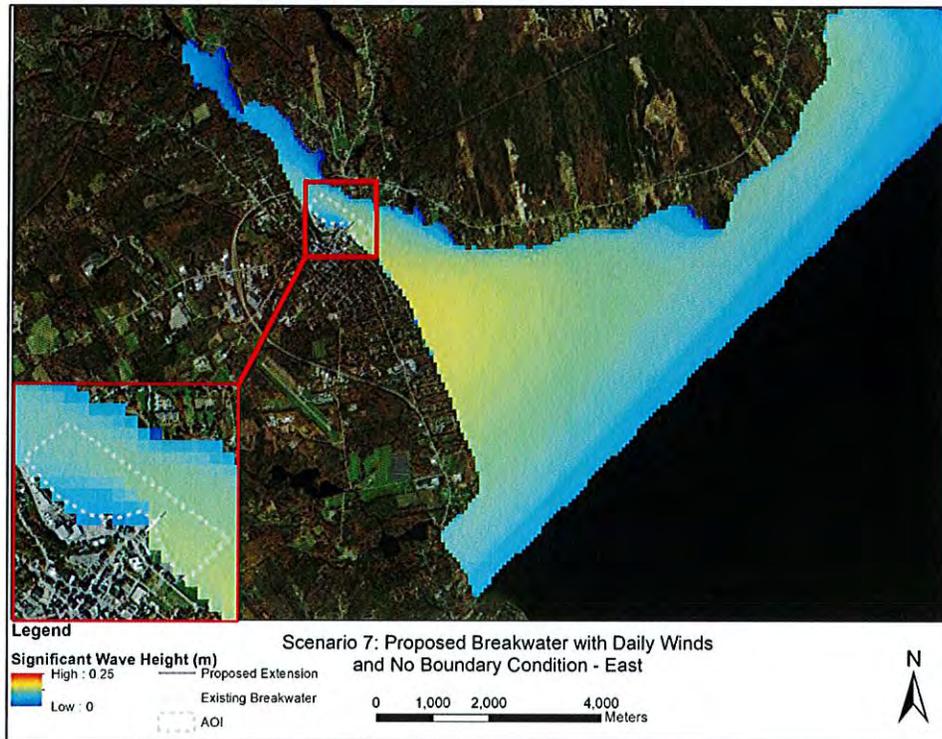


Figure 4-2 Scenario 7 Significant Wave Height

4.2 BED LEVEL CHANGE ASSESSMENT

A long-term bed elevation change (i.e., bottom sediment elevation change) analysis was conducted using bathymetric data for the Belfast Harbor obtained from the USACE Hydrographic Surveys database. Available survey datasets in the vicinity of the project were for the years 2011, 2018, and 2022. The change in bed elevation from 2011 to 2022 was calculated to determine the total rate for the long-term analysis. The rates from 2011 to 2018 and 2018 to 2022 were also calculated for further analysis in comparing both the long-term and short-term data. Results are shown in change in feet per year with negative values indicate a loss of bed elevation.

Table 4-2 Bed Level Change Analysis

BED LEVEL CHANGE RATE (FT/YR)	LONG-TERM (2011 TO 2022)	SHORT-TERM (2011 TO 2018)	SHORT-TERM (2018 TO 2022)
-0.5	0.0%	0.1%	0.0%
-0.4	0.0%	0.1%	0.0%
-0.3	0.0%	0.4%	0.0%
-0.2	0.0%	1.6%	0.0%
-0.1	1.0%	9.2%	0.0%
0	98.1%	85.7%	75.5%
0.1	0.9%	2.1%	17.4%
0.2	0.0%	0.6%	4.5%
0.3	0.0%	0.1%	1.5%
0.4	0.0%	0.0%	0.6%
0.5	0.0%	0.0%	0.3%

As shown in **Table 4-2**, the long-term data for the 2011 to 2022 Bed Elevation Change Rate in FT/YR does not present any large bed level disturbances as shown in **Figure 4-3**. It was determined that approximately 98% surveyed area did not experience a bed elevation change rate greater than 0.05 FT/YR or less than -0.05 FT/YR in the existing system. The two short-term analysis periods, from 2011 to 2018 and 2018 to 2022, demonstrated greater bed level changes than the long-term dataset. The bed level changes could be due to the limited precision of the survey equipment or could have picked up short-term variations that do not persist in the long-term. As shown in **Figure 4-4** and **Figure 4-5**, many of the areas that showed larger change in the bed elevation for 2011 to 2018 and 2018 to 2022 can be seen mostly along the navigable channel.

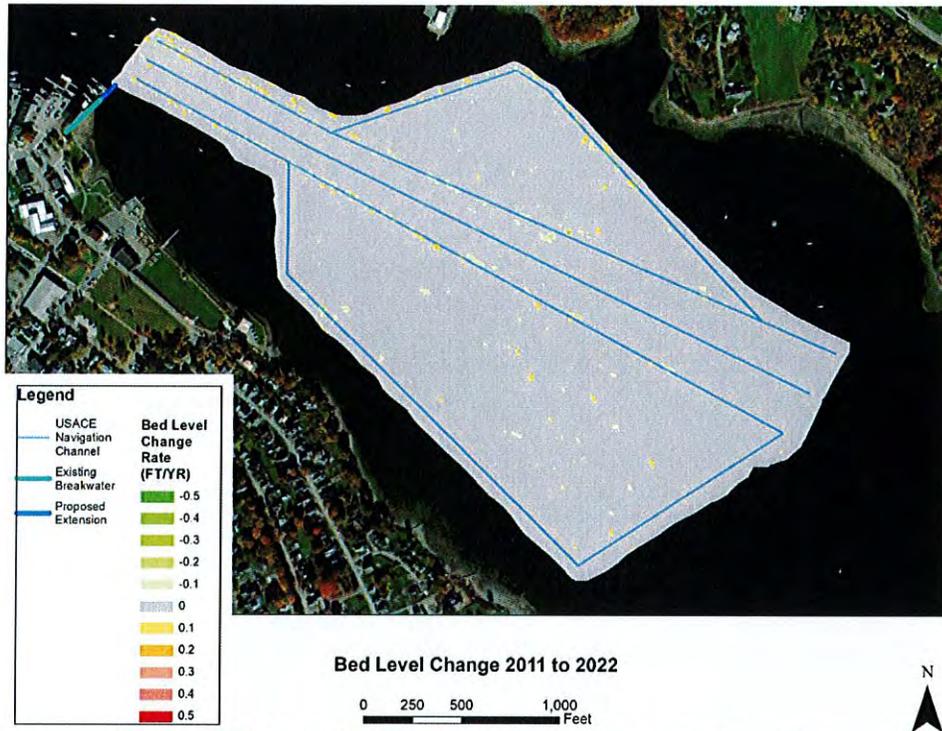


Figure 4-3 Bed Level Change Analysis – Long-Term (2011 to 2022)

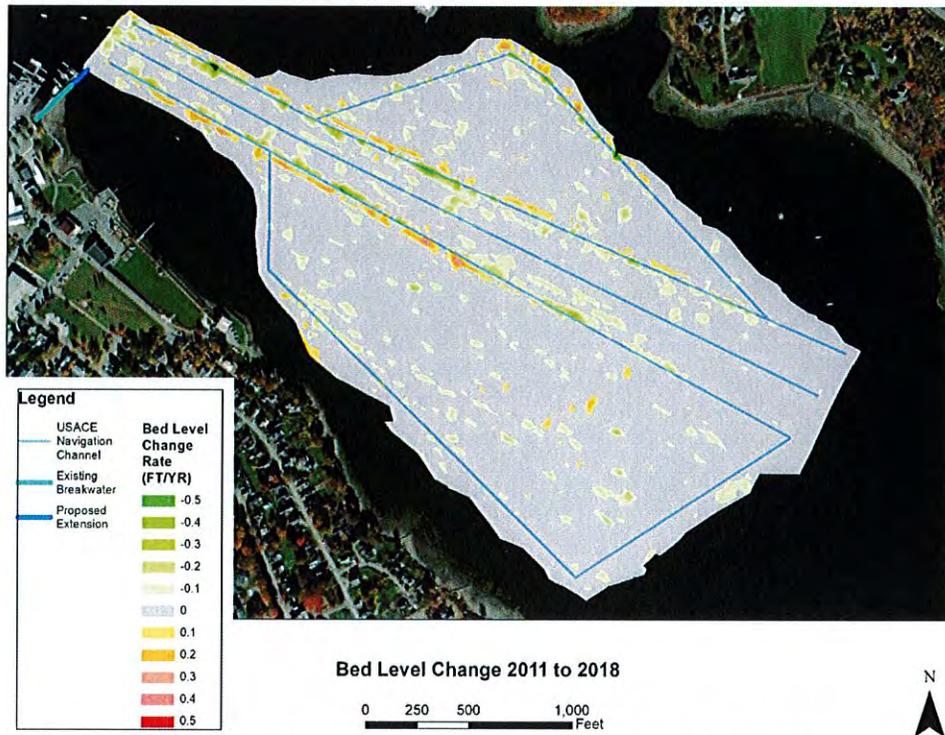


Figure 4-4 Bed Level Change Analysis – Short-Term (2011 to 2018)

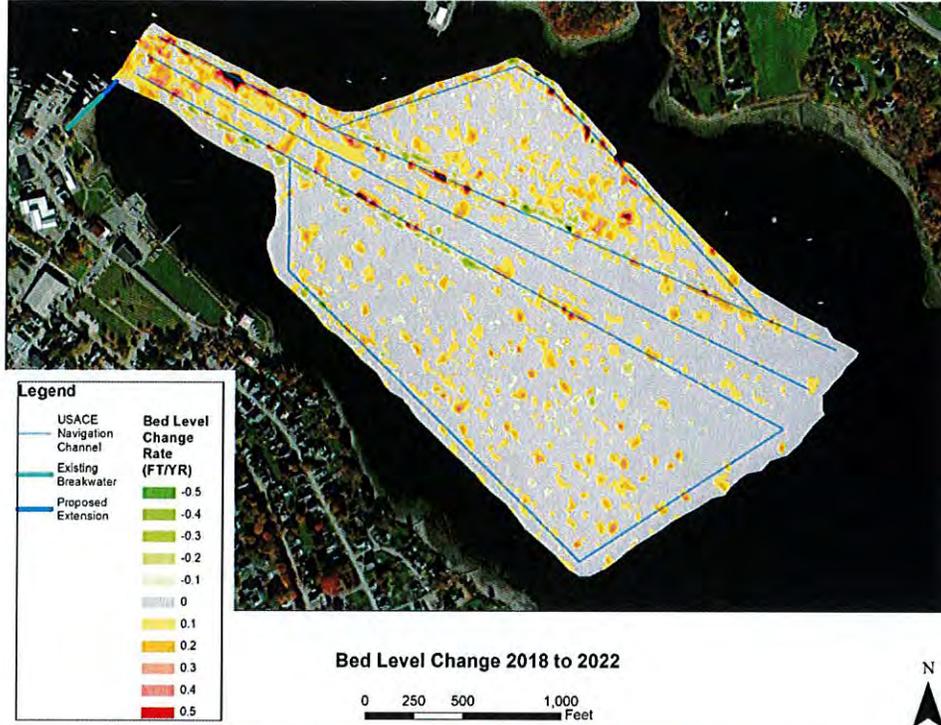


Figure 4-5 Bed Level Change Analysis – Short-Term (2018 to 2022)

4.3 SHEAR STRESS ANALYSIS

Shear stress is the stress induced on the riverbed due to the velocity in the flow. Two types of shear stress were considered in this analysis: current-induced and wave-induced. The current-induced shear stress was calculated by the HEC-RAS program. Delft does not natively calculate the wave-induced shear stress; therefore, the methodology presented in the CEM, Part III, Chapter 6 was used to determine the wave-induced shear stress, shown in **Equation 1**, where τ_w is the wave induced shear stress, f_w is the wave friction factor, ρ is the density of water, and u_b is the bottom velocity of the waves.

$$\tau_w = \frac{f_w \rho u_b^2}{2}$$

Equation 1

The wave friction factor was approximated by iteratively solving the Grant and Masen equation shown in **Equation 2**, where f_w is the wave friction factor, A_{bm} is the bottom amplitude, and k_n is the equivalent sand grain roughness.

$$\frac{1}{4\sqrt{f_w}} + \log \frac{1}{4\sqrt{f_w}} = \log \frac{A_{bm}}{k_n} - 0.17 + 0.24 * 4\sqrt{f_w}$$

Equation 2

A critical shear stress assessment was performed based on the sediment grain size for the samples discussed in **Section 2.6**. The median grain size, D_{50} , of the sediment sample was 0.17 mm. Based on the methodology in the CEM, Part III, Chapter 6 the critical shear stress for movement of the median grain size was calculated. First the sediment-fluid parameter was calculated as shown in **Equation 3**, where S_* is the Sediment-fluid parameter, ν is the kinematic viscosity of water, s is relative density of the sediment, and D is the sediment grain diameter. Then the Shields parameter was calculated with **Equation 4** assuming cohesionless sediment, where ϕ_{cr} is the critical Shields parameter. The critical shear stress, τ_{cr} , based on the critical Shields parameter was calculated using **Equation 5**. For the median grain size in this study, the critical shear

stress was calculated as 0.0034 psf. This value was compared to the shear stress results of the model where any regions below the critical shear stress represent depositional areas and regions above the critical shear stress represent erosional areas.

$$S_* = \frac{D}{4\nu} \sqrt{(s-1)gD}$$

Equation 3

$$\varphi_{cr} = 0.1S_*^{-2/7}$$

Equation 4

$$\tau_{cr} = \frac{\varphi_{cr}}{(s-1)\rho g D}$$

Equation 5

4.3.1 WAVE-INDUCED SHEAR STRESS

The wave-induced shear is primarily dependent on the bottom orbital velocity of the wave. The bottom orbital velocity is impacted by both the depth of water and the maximum wave energy. The wave-induced shear stress occurs only in shallow-water regions where the wave energy encounters the seabed. Therefore, the shear stress in the navigational channel is minimal in all cases, as shown in **Figure 4-6**.

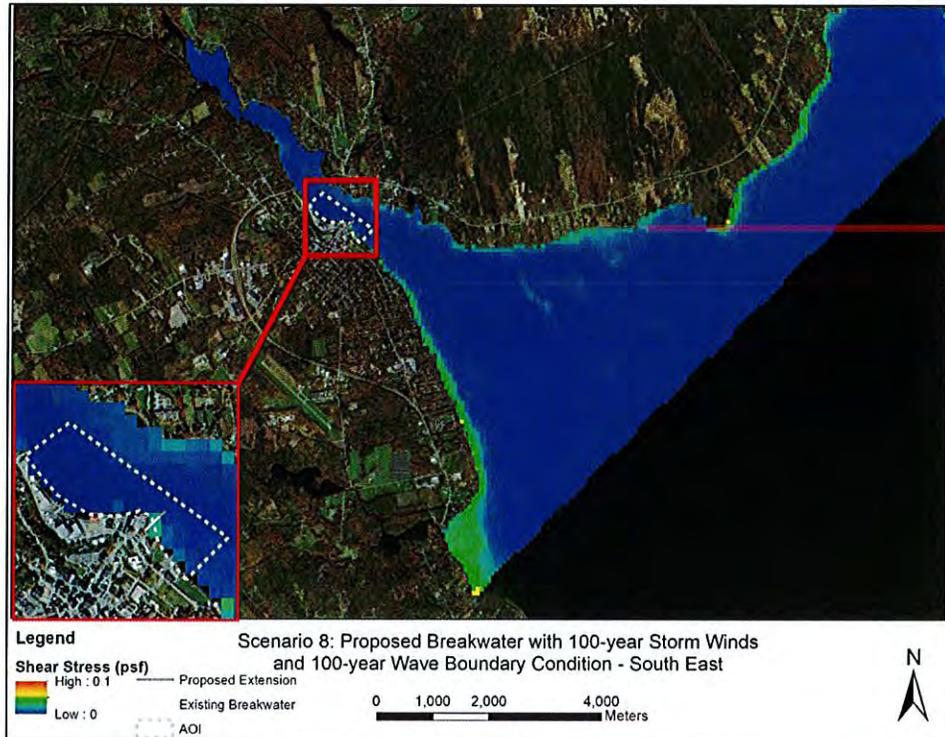


Figure 4-6 Scenario 8 Wave Shear Stress

Since shear stress is inversely proportional to the depth of water, higher water levels yield lower shear stresses. Therefore, the highest shear stress modeled occurred with storm wind-induced waves, but not during the storm surge (and associated deeper water) as shown by comparing the results in **Figure 4-6** (mean high water level) and **Figure 4-7** (100-year storm water level). The wave shear stress results for all simulations can be found in **Appendix B**.

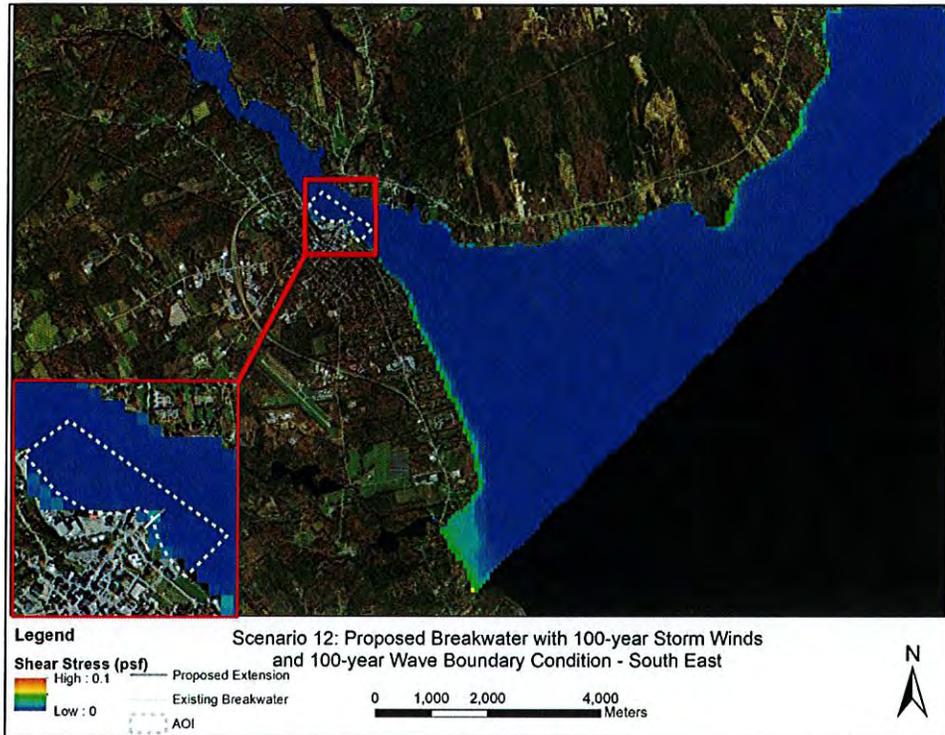


Figure 4-7 Scenario 12 Wave Shear Stress

4.3.2 CURRENT-INDUCED SHEAR STRESS

The current-induced shear stress values were extracted from the model at two key observation points for comparison between existing and proposed breakwater designs shown in **Figure 4-1**. As shown in **Table 4-3** the impact of the proposed breakwater increased more at the tip of the breakwater, with minimal changes seen downstream (southeast) of the breakwater at observation point 2. The current shear stress results for all simulations can be found in **Appendix A**.

Table 4-3 Current-Induced Shear Stress Surrounding the Breakwater

SCENARIO	BREAKWATER DESIGN	TIP OF BREAKWATER (PSF)	DOWNSTREAM OF BREAKWATER (PSF)
1	Existing	0.03	0.01
2		0.07	0.02
3		0.06	0.02
4		0.11	0.03
5	Proposed	0.05	0.01
6		0.11	0.21
7		0.08	0.02
8		0.16	0.03

The critical shear stress calculations discussed in **Section 4.3** were applied to the shear stress results to determine locations that are considered erosional or depositional. As shown in **Figure 4-8**, the proposed breakwater has a minimal effect on the depositional area upstream of the breakwater but does create a slight localized increase the depositional area downstream of the breakwater.

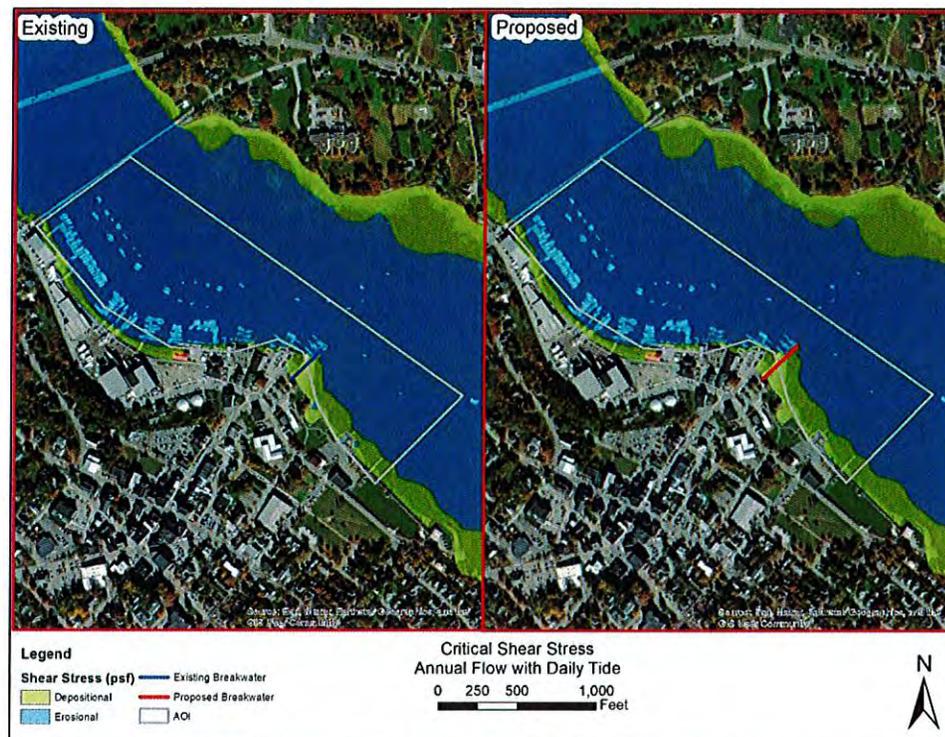


Figure 4-8 Annual Flow with Daily Tide Critical Shear Stress

4.4 SEDIMENT TRANSPORT

4.4.1 TRANSPORT CAPACITY

The hydrodynamic model results were used to calculate the transport capacity (lb/ft/s) surrounding the existing and proposed breakwater designs. Under the proposed breakwater design, the transport capacity results show an increase in the size and peak values of the erosional zones off the tip of the breakwater.

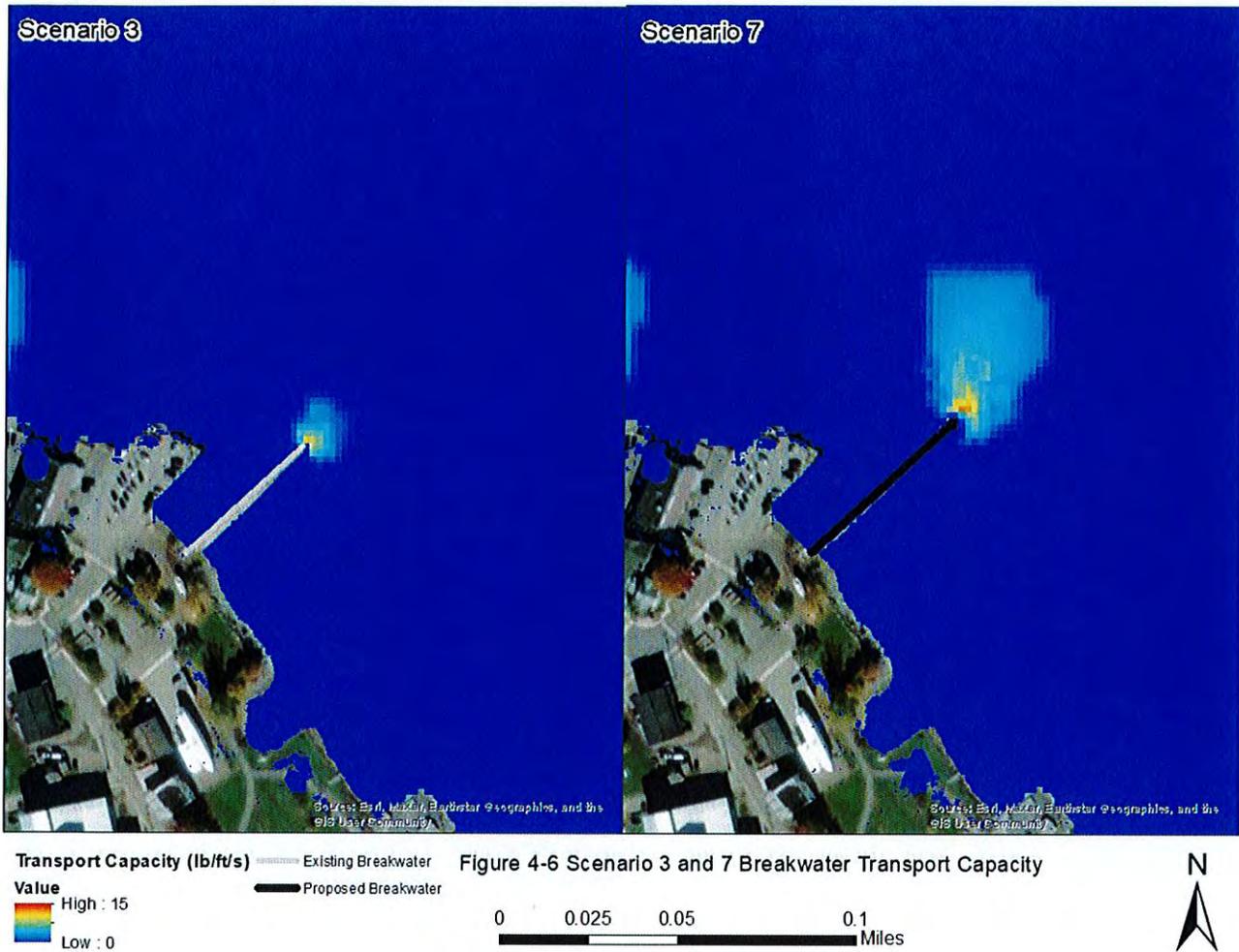


Figure 4-9 Breakwater Transport Capacity

4.4.2 SEDIMENT PLUME

The sediment plume modeling was completed using the “concentration” sediment transport setting in HEC-RAS under Scenarios 4 and 8 from **Table 2-1**. The plume analysis was conducted to understand the suspended sediment movement trends due to 100-yr storm for existing and proposed under scenario 4 and 8. **Figure 4-10** displays the sediment plume results surrounding the existing and proposed breakwater. Under Scenario 4, the breakwater does not impact the sediment plume down the channel. Under Scenario 8, the plume is slightly redirected along the front edge of the proposed breakwater.

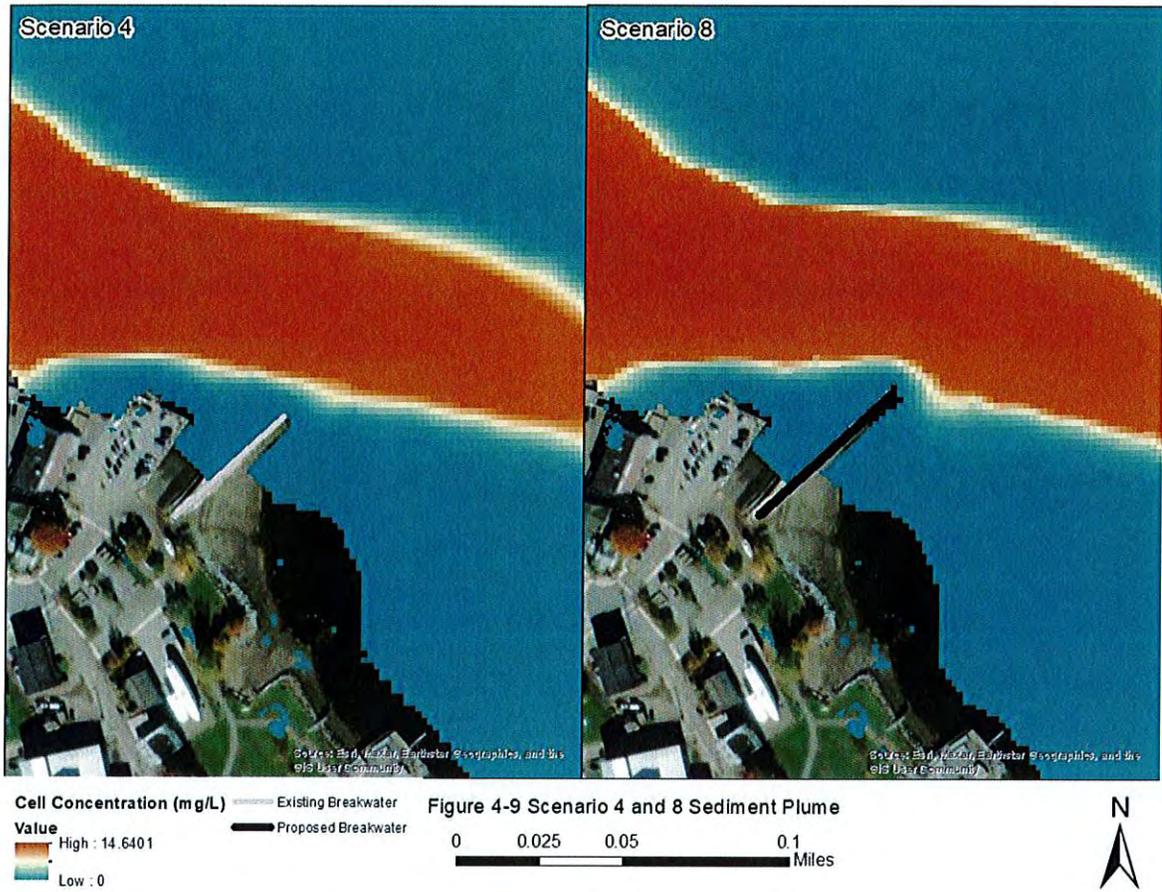


Figure 4-10 Scenario 4 and 8 Sediment Plume

5 CONCLUSIONS

The sediment study considered both the effects of wave and currents on the sediment in the vicinity of the breakwater. The proposed breakwater will be extended and raised as compared to the existing breakwater. The proposed breakwater did not have a strong effect on the wave heights, which were already dampened by the existing breakwater. The proposed breakwater, specifically the extension into the channel, did change the velocity distribution in the vicinity of the breakwater. The extension did not impact the velocity adjacent to the breakwater, but as the obstruction to flow was lengthened the flow around the breakwater increased leading to an increase in the velocity off the tip of the breakwater. The bed shear stress was evaluated for both the wave and current components. The bed shear stress due to the wave component is inversely proportional to the depth of water and therefore it primarily impacts shallow-water regions. The proposed breakwater slightly reduced the shear stress upstream of the breakwater when compared to the existing breakwater. The current-induced shear stress followed the same pattern as the current velocity results with the largest increase in shear stress occurring off the tip of the breakwater.

The long-term bed change analysis results showed that there is no significant long-term change in the bed levels in the surveyed regions. This indicates that the seabed in the region of the breakwater has a long-term constant bed level and is not subject to high levels of erosion or deposition. However, there was no surveyed bathymetry collected near the project area for years 2011, 2018 and 2022. Therefore, it was not possible to calculate the sediment accumulation rate near the project site from the available data.

The shear stress analysis showed that the proposed breakwater increases the current-induced shear stress off the tip of the breakwater. A limitation of this analysis is the limited sediment data in the area of interest on which to base the critical shear stress calculations. The critical shear stress analysis for wave-induced shear stress found that the proposed breakwater did not increase the depositional area upstream of the breakwater. For current-induced shear stress, the extended breakwater creates a larger region of low velocity which yields a slightly larger depositional area than the wave induced depositions downstream of the breakwater. While the proposed breakwater does not greatly change the hydraulics in the region of the breakwater, increased sedimentation downstream of the breakwater is predicted.

6 REFERENCES

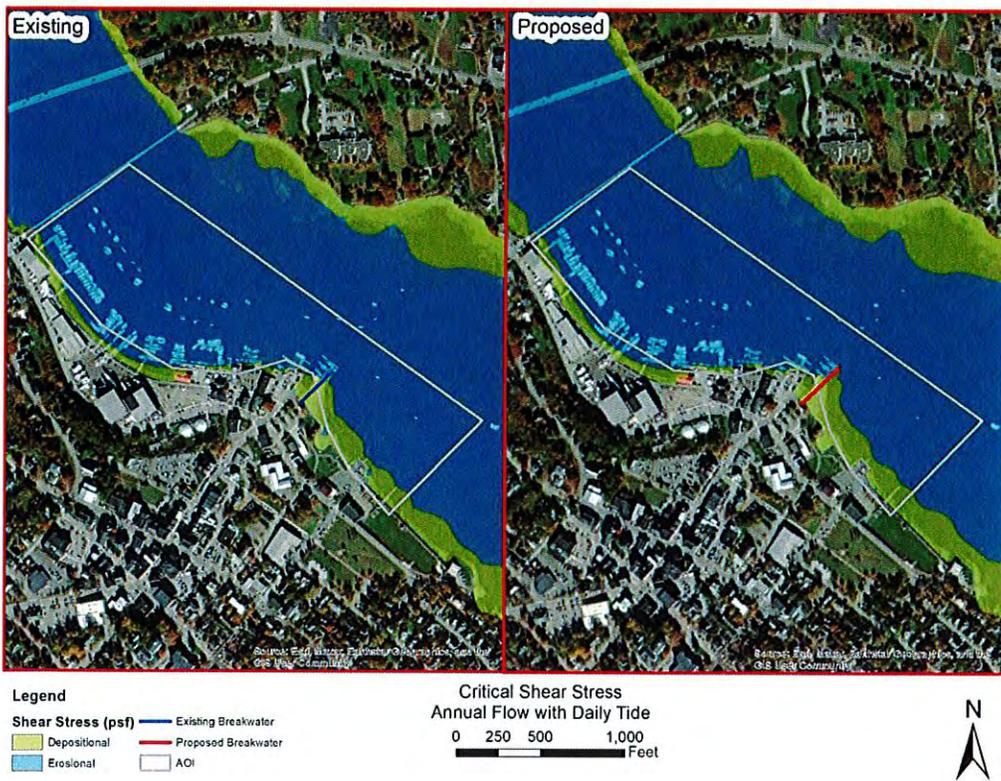
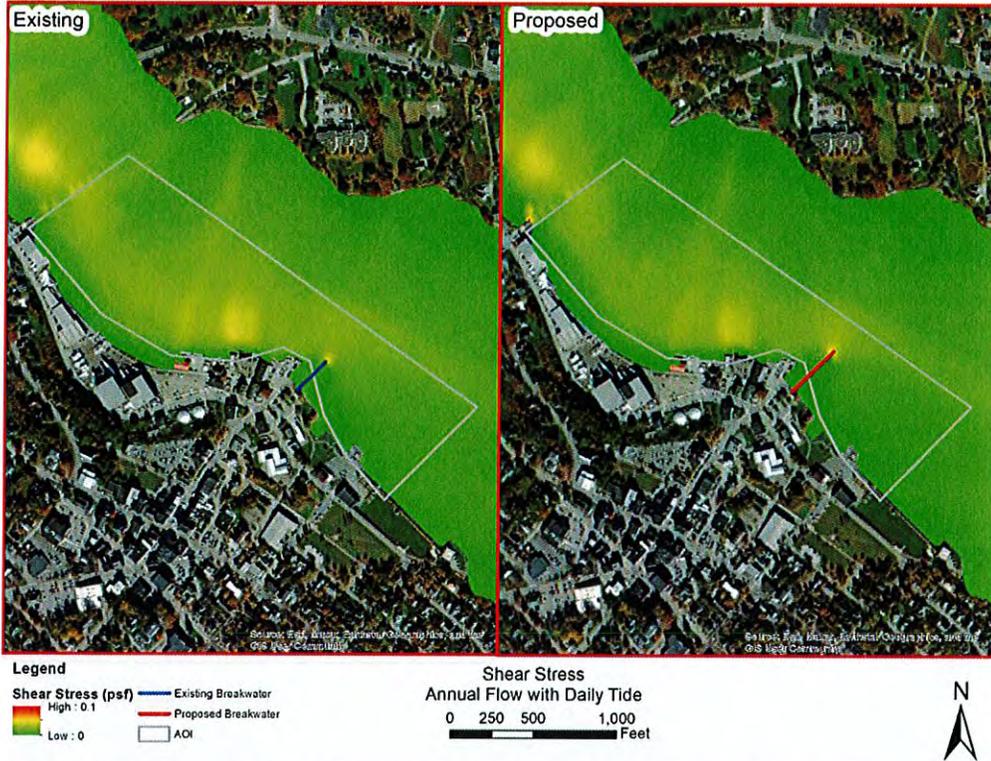
- Administration, N. O. (2023). *Coastal Change Analysis Program (C-CAP) High Resolution Land Cover and Change Data*.
- Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado, B. (2014). *Continuously Updated Digital Elevation Model (CUDEM) - 1/9 Arc - Second Resolution Bathymetric - Topographic Tiles*. NOAA National Centers for Environmental Information.
- Deltares. (2020). *D-Waves: Simulation of short-crested waves with SWAN*.
- Lagasse, P. F., Zevenbergen, L. W., & Edge, B. L. (2004). *Hydraulic Engineering Circular No. 25: Tidal Hydrology, Hydraulics and Scour at Bridges*. Federal Highway Administration.
- National Oceanic and Atmospheric Administration. (1979). *Technical Report NWS 23: Meteorological Criteria for Standard Project Hurricane and Probable Maximum Hurricane Windfields, Gulf and East Coasts of the United States*. Washington, DC.
- National Oceanic and Atmospheric Administration. (2023). *Coastal Change Analysis Program (C-CAP) High Resolution Land Cover and Change Data*.
- Sevee and Maher Engineers. (2002). *NRPA Permit*.
- US Geological Survey. (2019). *The StreamStats Program*.
- Wood Environment and Infrastructure Solutions. (2019). *Vulnerability Assessment and Resilience Planning, Public Landing, Belfast, Maine*.
- WSP USA. (2022). *Report on Breakwater Improvement Options, Belfast Harbor, Maine, November 11*.
- WSP USA. (2023). *Memorandum on Final Deliverables, Belfast Breakwater Improvements, Conceptual Breakwater Improvements Plan, March 6*.

APPENDIX

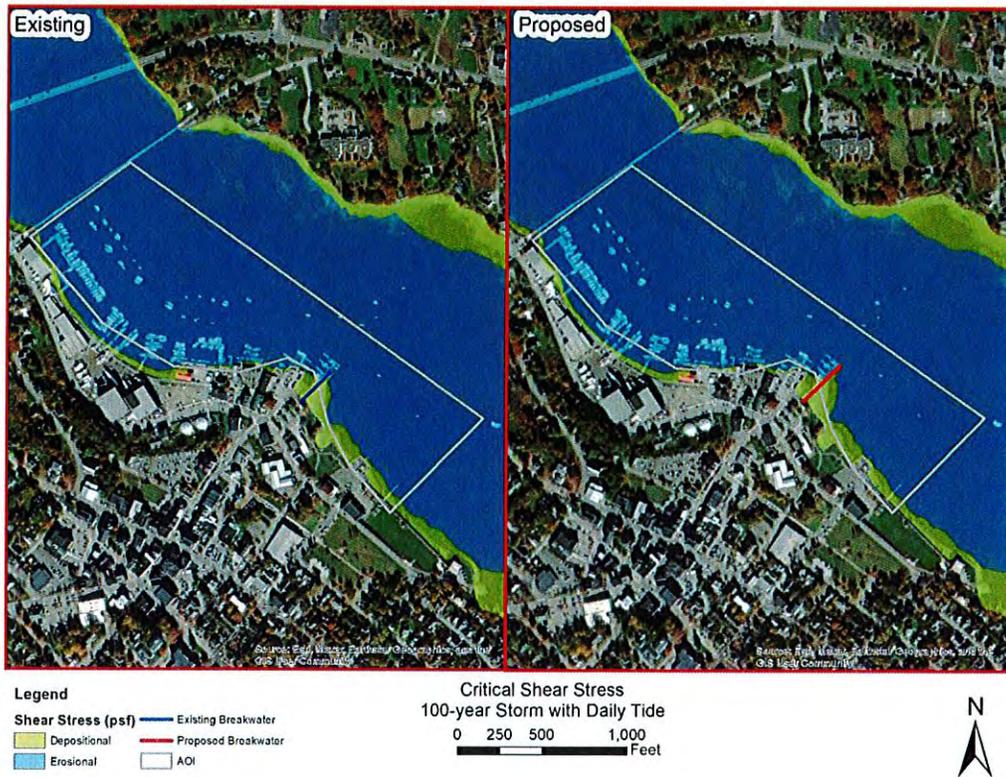
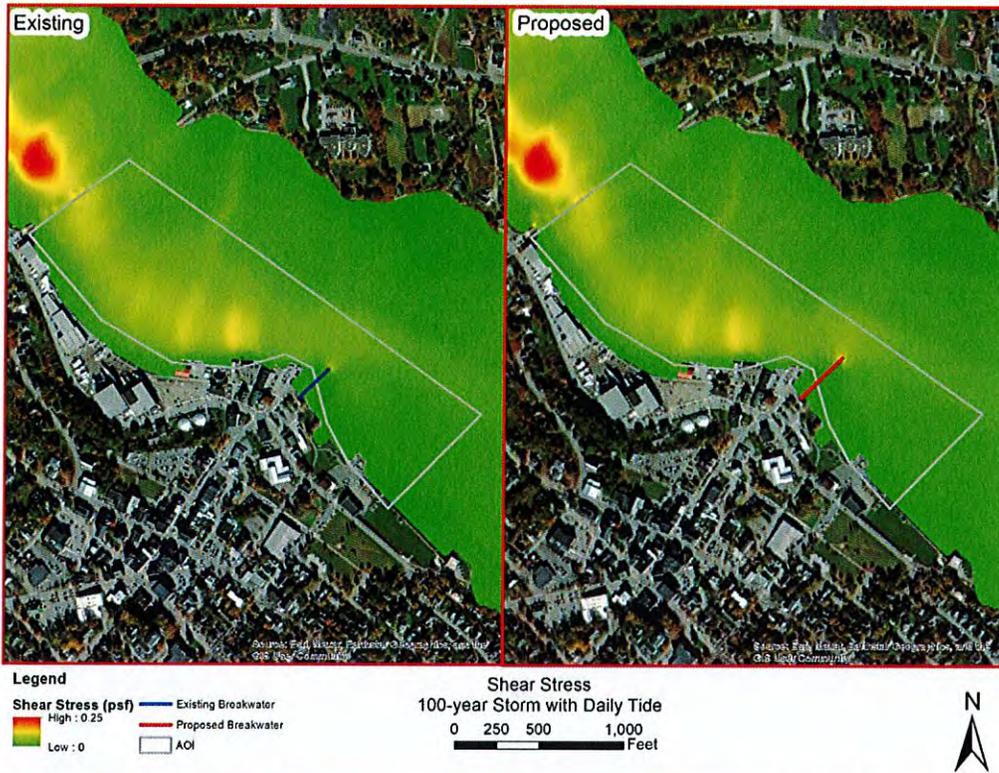
A FULL HYDRUALIC RESULTS

APPENDIX

SCENARIO 1 AND 5: ANNUAL AVERAGE FLOW AND DAILY TIDE

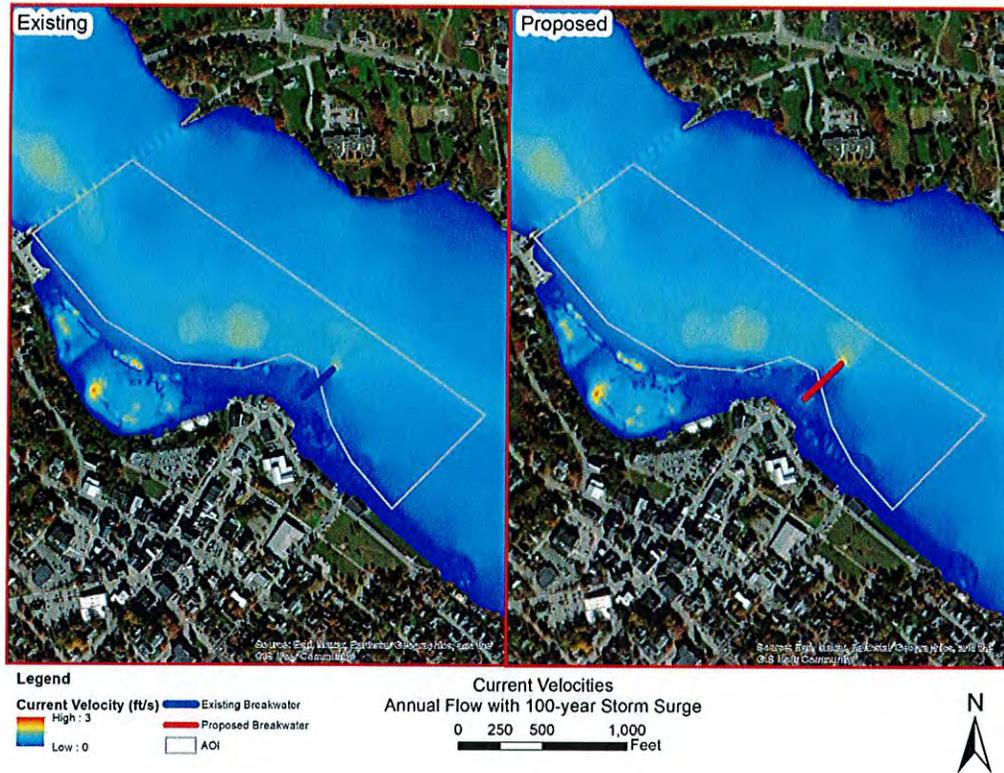


APPENDIX

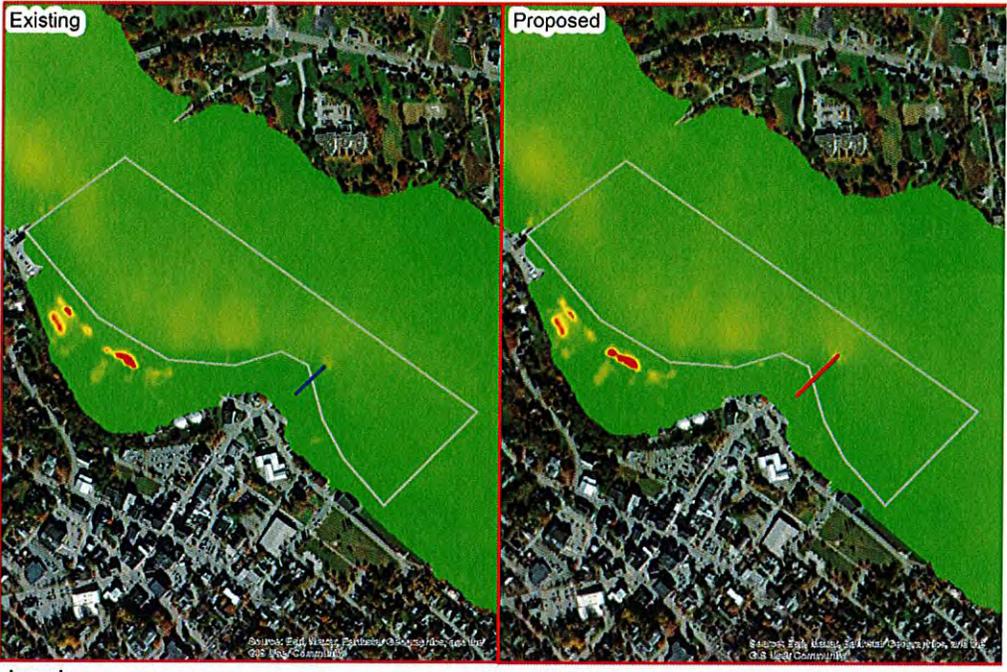


APPENDIX

SCENARIO 3 AND 7: ANNUAL AVERAGE FLOW AND 100-YEAR STORM SURGE



APPENDIX



Legend

Shear Stress (psf) — Existing Breakwater
 High : 0.25 — Proposed Breakwater
 Low : 0 — ACl

Shear Stress
 Annual Flow with 100-year Storm Surge

0 250 500 1,000 Feet

N



Legend

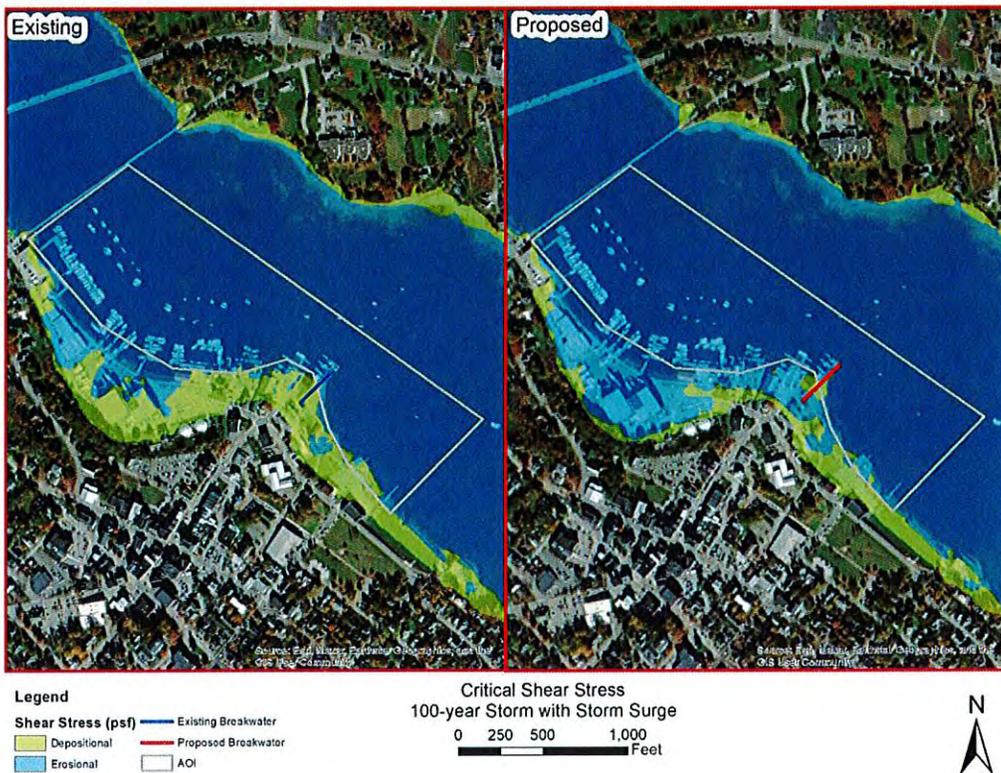
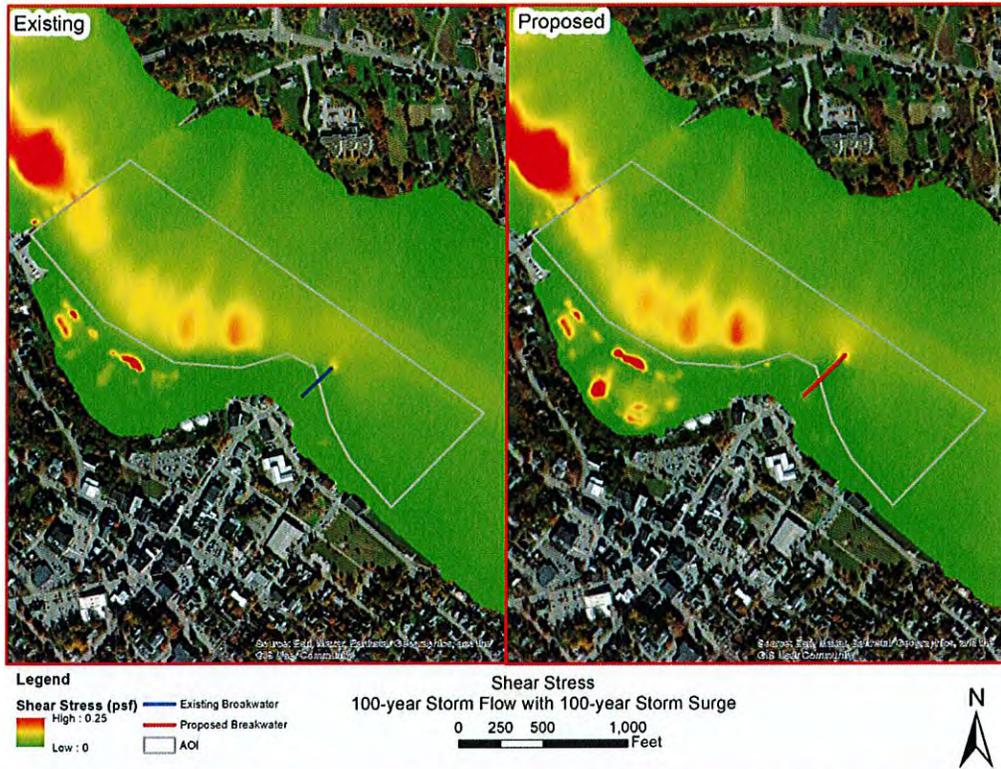
Shear Stress (psf) — Existing Breakwater
 Depositional — Proposed Breakwater
 Erosional — ACl

Critical Shear Stress
 Annual Flow with Storm Surge

0 250 500 1,000 Feet

N

APPENDIX

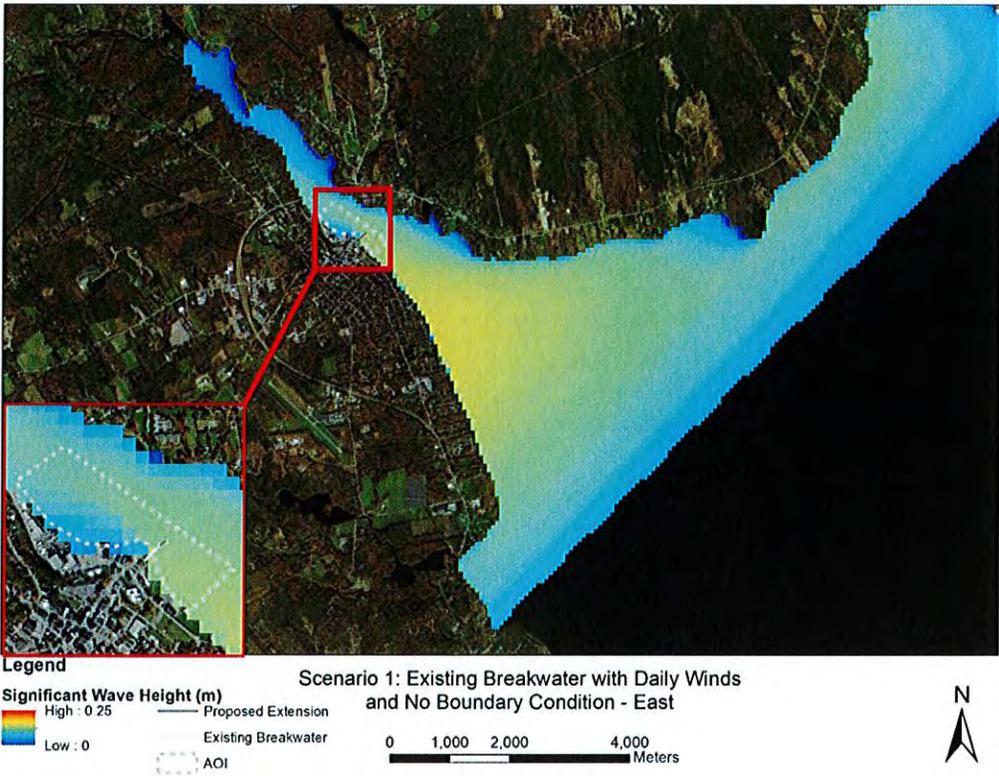


APPENDIX

B FULL WAVE RESULTS

APPENDIX

SCENARIO 1: EXISTING BREAKWATER WITH NORMAL-DAY EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



APPENDIX



Legend Scenario 1: Existing Breakwater with Daily Winds and no Wave Boundary Condition - East

Shear Stress (psf) — Proposed Extension
High : 0.01 — Existing Breakwater
Low : 0 AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 1: Existing Breakwater with Daily Winds and no Wave Boundary Condition - East

Shear Stress (psf) — Proposed Extension
Depositional — Existing Breakwater
Erosional AOI

0 1,000 2,000 4,000 Meters



APPENDIX

SCENARIO 2: EXISTING BREAKWATER WITH NORMAL-DAY SOUTH-EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



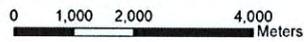
Legend

Significant Wave Height (m)



- Proposed Extension
- Existing Breakwater
- AOI

Scenario 2: Existing Breakwater with Daily Winds and No Boundary Condition - South East



APPENDIX



Legend Scenario 2: Existing Breakwater with Daily Winds and no Wave Boundary Condition - South East

Shear Stress (psf) — Proposed Extension
High : 0.01
Low : 0

Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 2: Existing Breakwater with Daily Winds and no Wave Boundary Condition - South East

Shear Stress (psf) — Proposed Extension
Depositional
Erosional

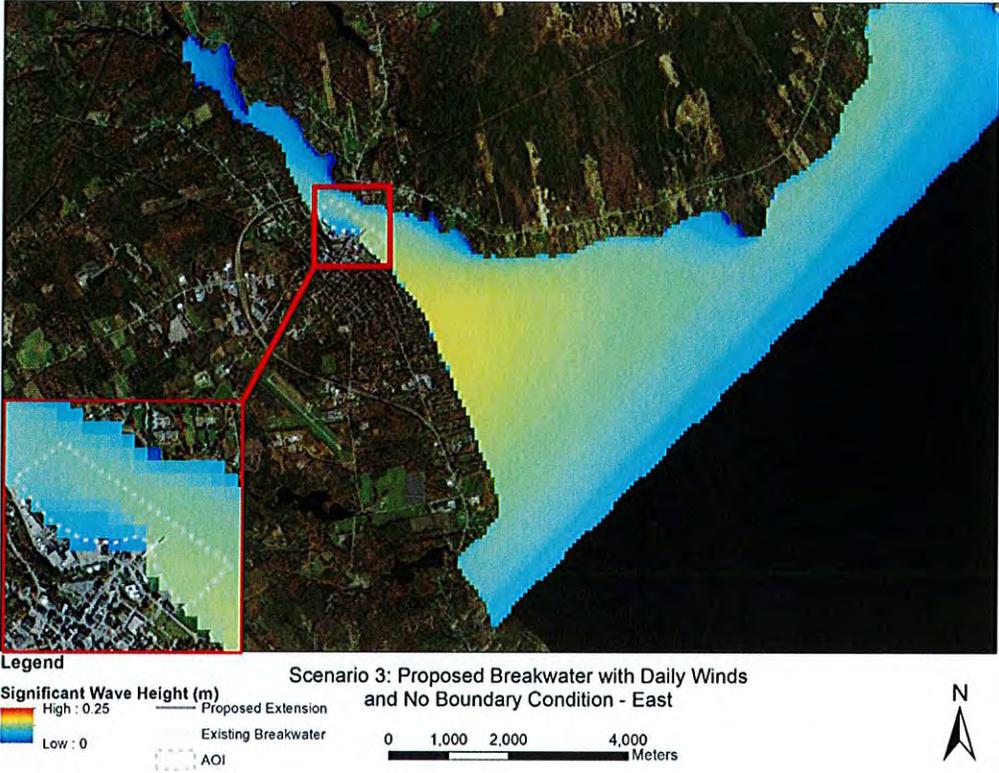
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



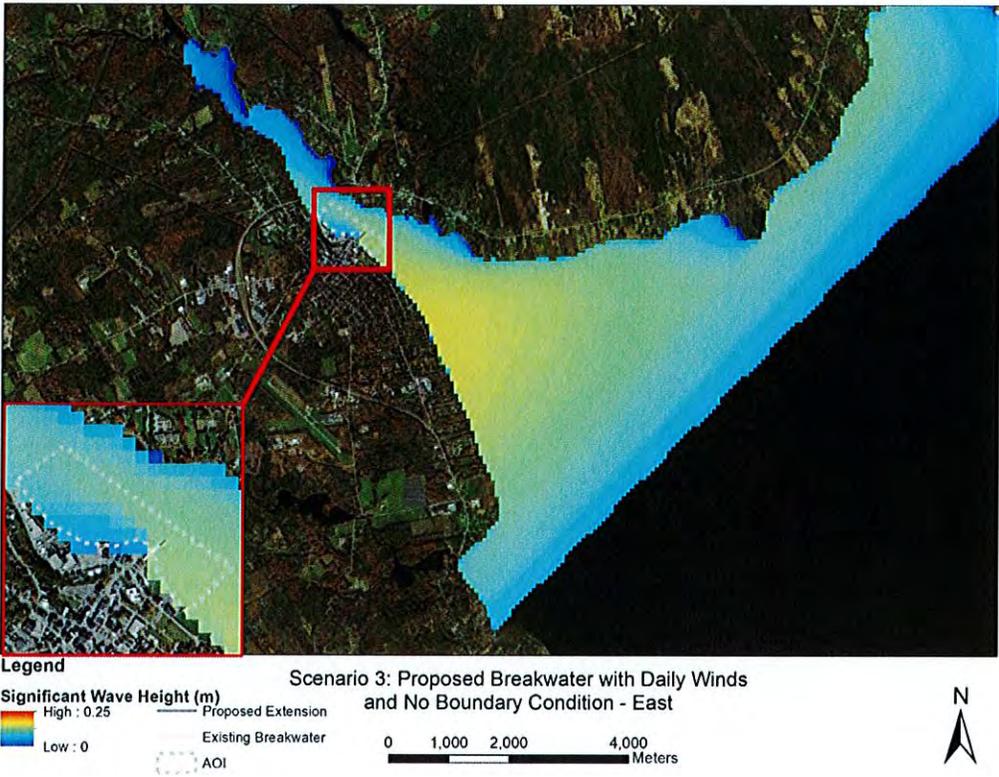
APPENDIX

SCENARIO 3: PROPOSED BREAKWATER WITH NORMAL-DAY EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



APPENDIX

SCENARIO 3: PROPOSED BREAKWATER WITH NORMAL-DAY EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



APPENDIX



Legend Scenario 3: Proposed Breakwater with Daily Winds and no Wave Boundary Condition - East

Shear Stress (psf) — Proposed Extension
High : 0.01 Existing Breakwater
Low : 0 AOI

0 1,000 2,000 4,000 Meters



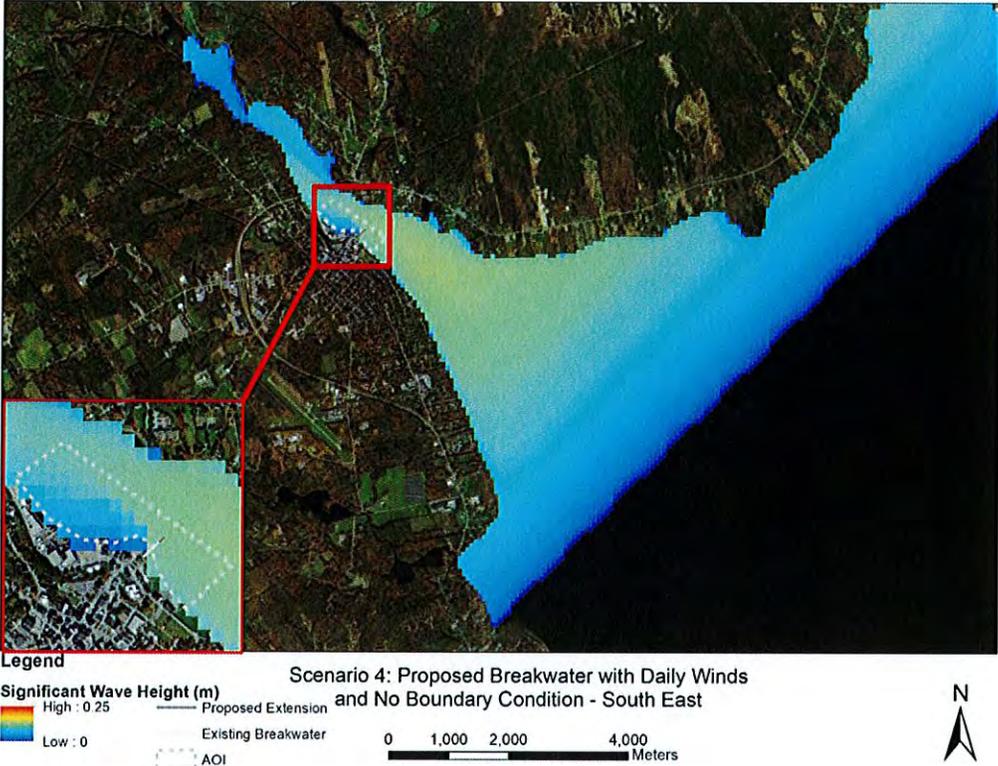
Legend Scenario 3: Proposed Breakwater with Daily Winds and no Wave Boundary Condition - East

Shear Stress (psf) — Proposed Extension
Depositional Existing Breakwater
Erosional AOI

0 1,000 2,000 4,000 Meters

APPENDIX

SCENARIO 4: PROPOSED BREAKWATER WITH NORMAL-DAY SOUTH-EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



APPENDIX



Legend Scenario 4: Proposed Breakwater with Daily Winds and no Wave Boundary Condition - South East

Shear Stress (psf) High : 0.01 Low : 0

Proposed Extension Existing Breakwater AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 4: Proposed Breakwater with Daily Winds and no Wave Boundary Condition - South East

Shear Stress (psf) Depositional Erosional

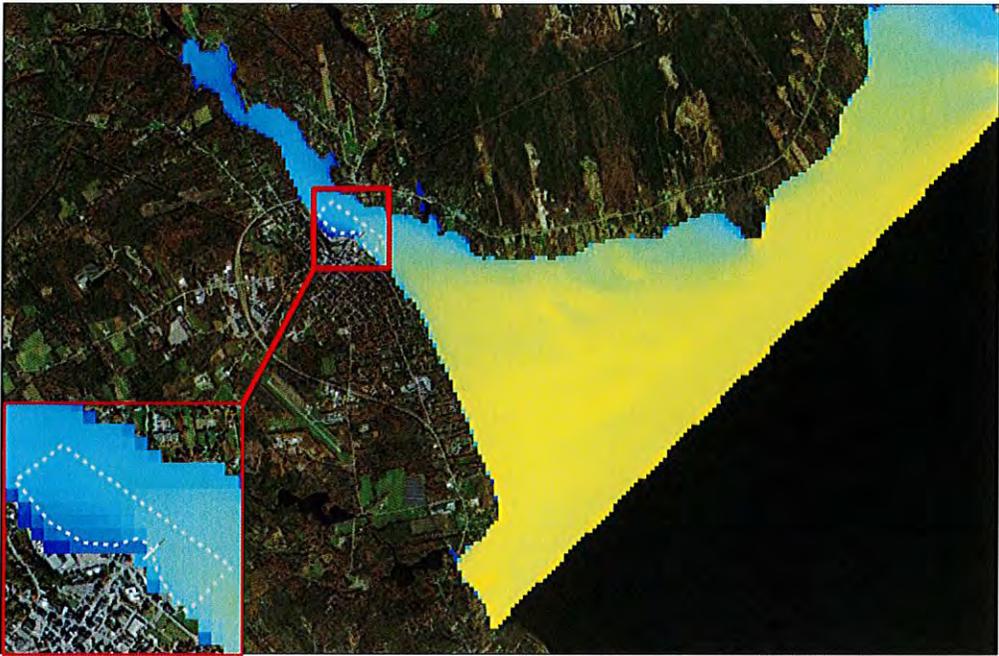
Proposed Extension Existing Breakwater AOI

0 1,000 2,000 4,000 Meters



APPENDIX

SCENARIO 5: EXISTING BREAKWATER WITH NORMAL-DAY EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



Legend
Significant Wave Height (m)
High : 2
Low : 0
Proposed Extension
Existing Breakwater
AOI

Scenario 5: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

0 1,000 2,000 4,000 Meters



APPENDIX

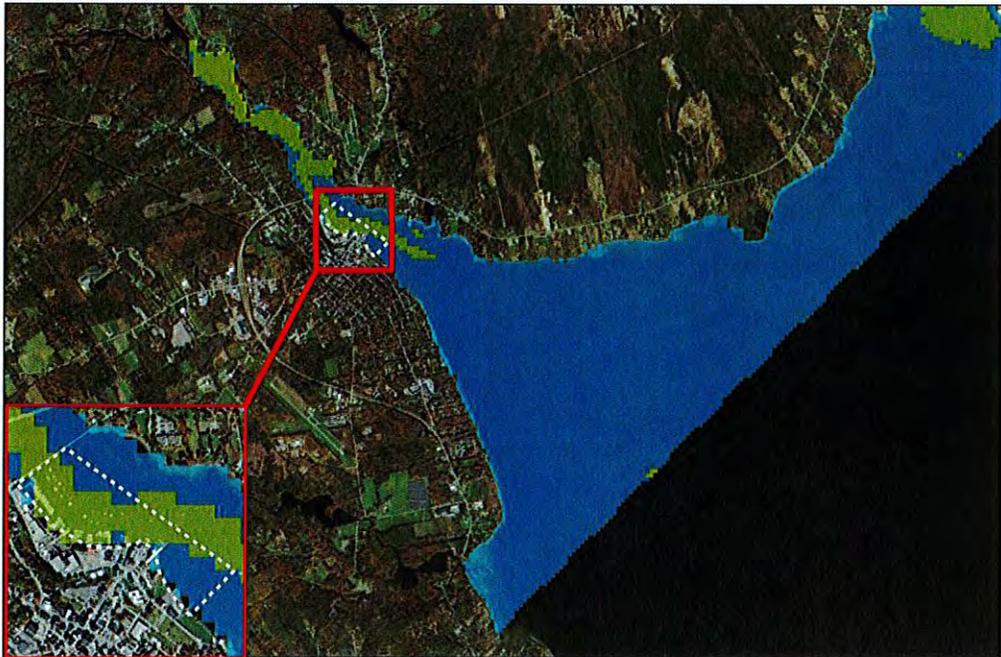


Legend Scenario 5: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - East

Shear Stress (psf) — Proposed Extension
High : 0.1
Low : 0

Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 5: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - East

Shear Stress (psf) — Proposed Extension
Depositional
Erosional

Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



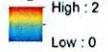
APPENDIX

SCENARIO 6: EXISTING BREAKWATER WITH NORMAL-DAY SOUTH-EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



Legend

Significant Wave Height (m)



- Proposed Extension
- Existing Breakwater
- AOI

Scenario 6: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East



APPENDIX

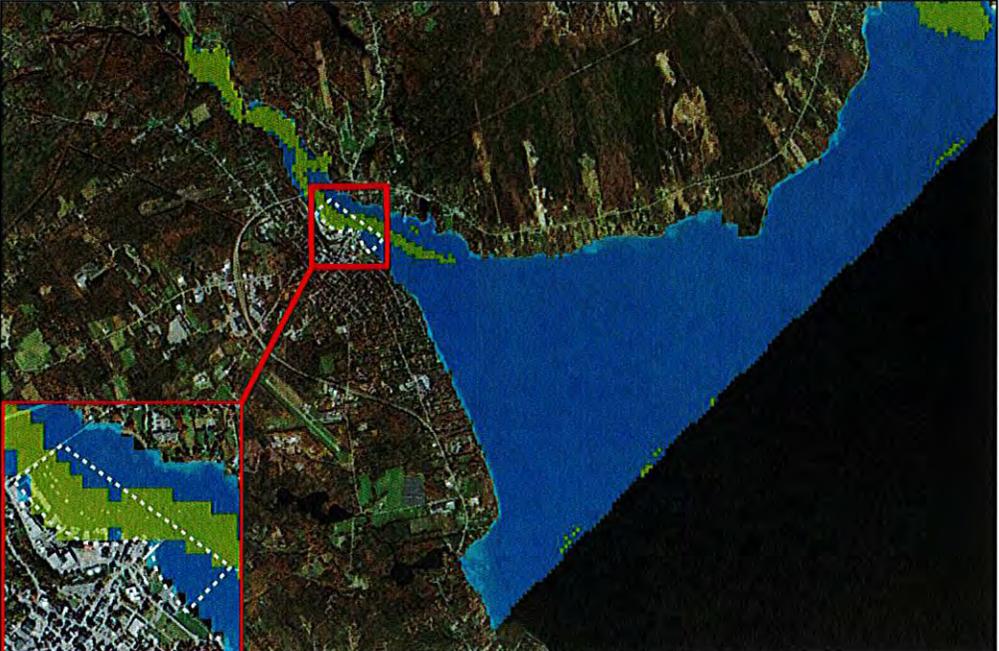


Legend Scenario 6: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
High : 0.1
Low : 0

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 6: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
Depositional
Erosional

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



APPENDIX

SCENARIO 7: PROPOSED BREAKWATER WITH NORMAL-DAY EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



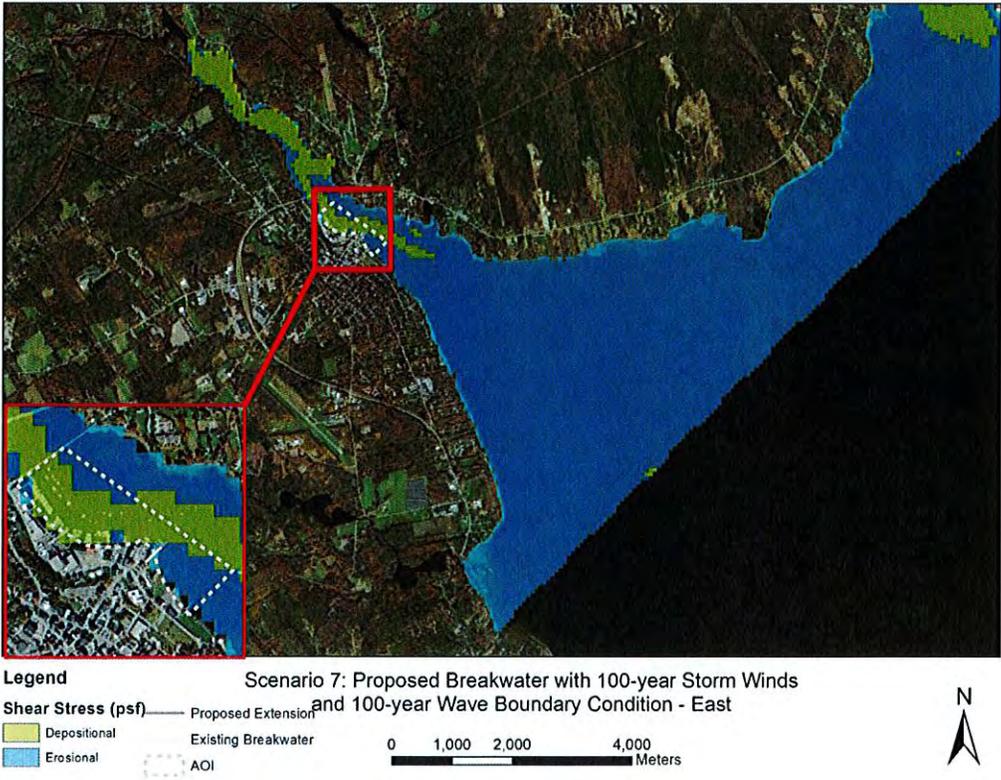
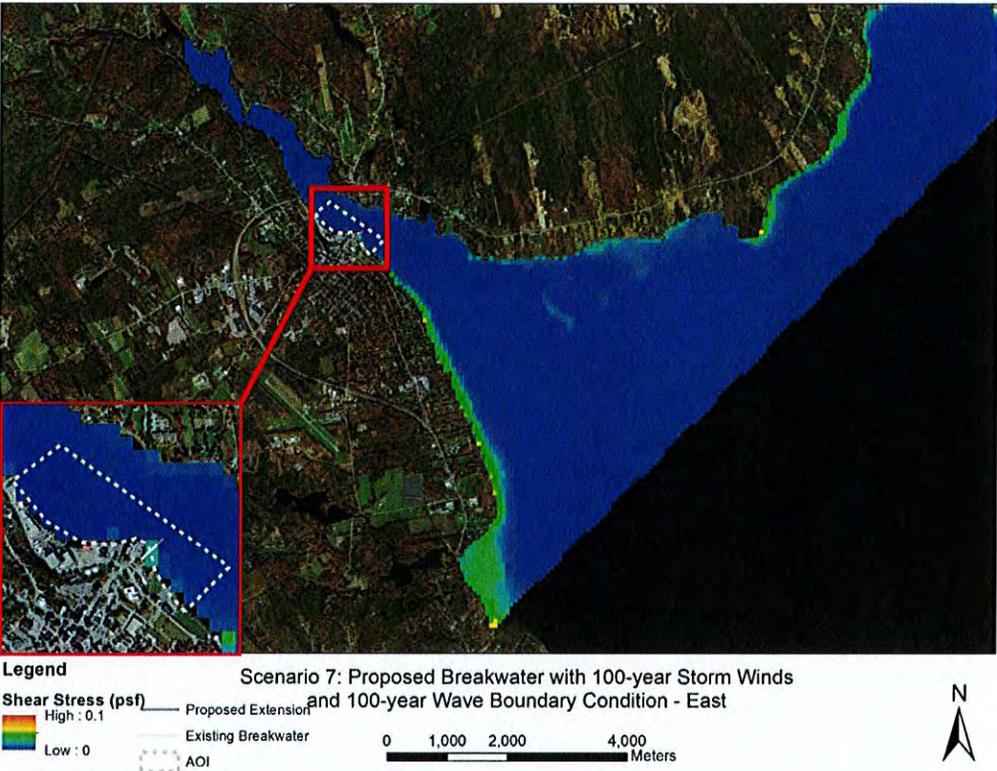
Legend
Significant Wave Height (m)
High : 2
Low : 0
Proposed Extension
Existing Breakwater
AOI

Scenario 7: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - East

0 1,000 2,000 4,000 Meters



APPENDIX



APPENDIX

SCENARIO 8: PROPOSED BREAKWATER WITH NORMAL-DAY SOUTH-EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT MEAN HIGH WATER



Legend
Scenario 8: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Significant Wave Height (m)
High : 2
Low : 0

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



APPENDIX

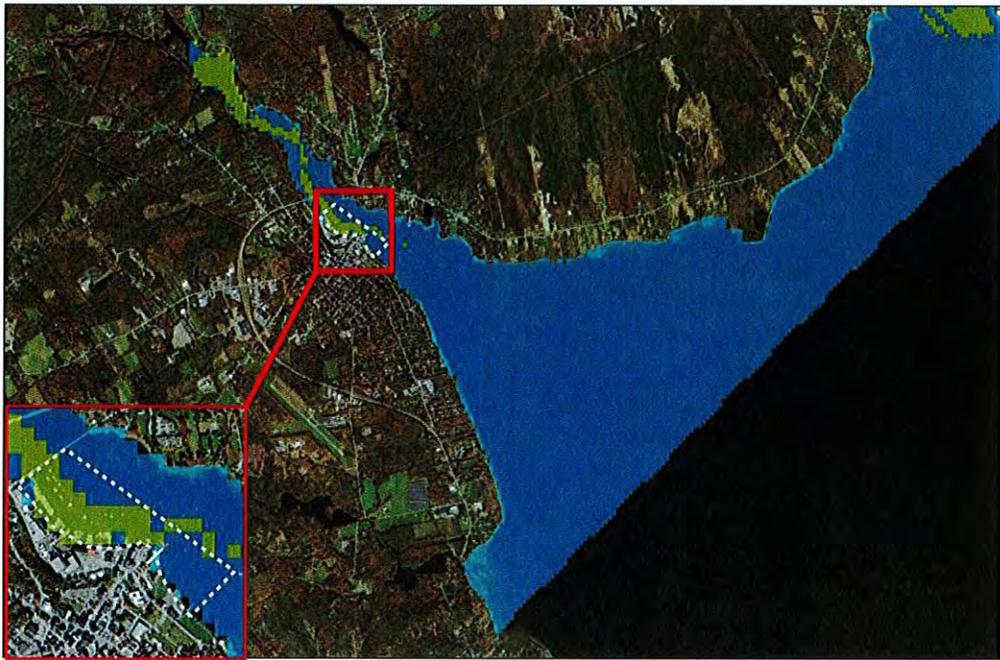


Legend Scenario 8: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
High : 0.1
Low : 0

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 8: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
Depositional
Erosional

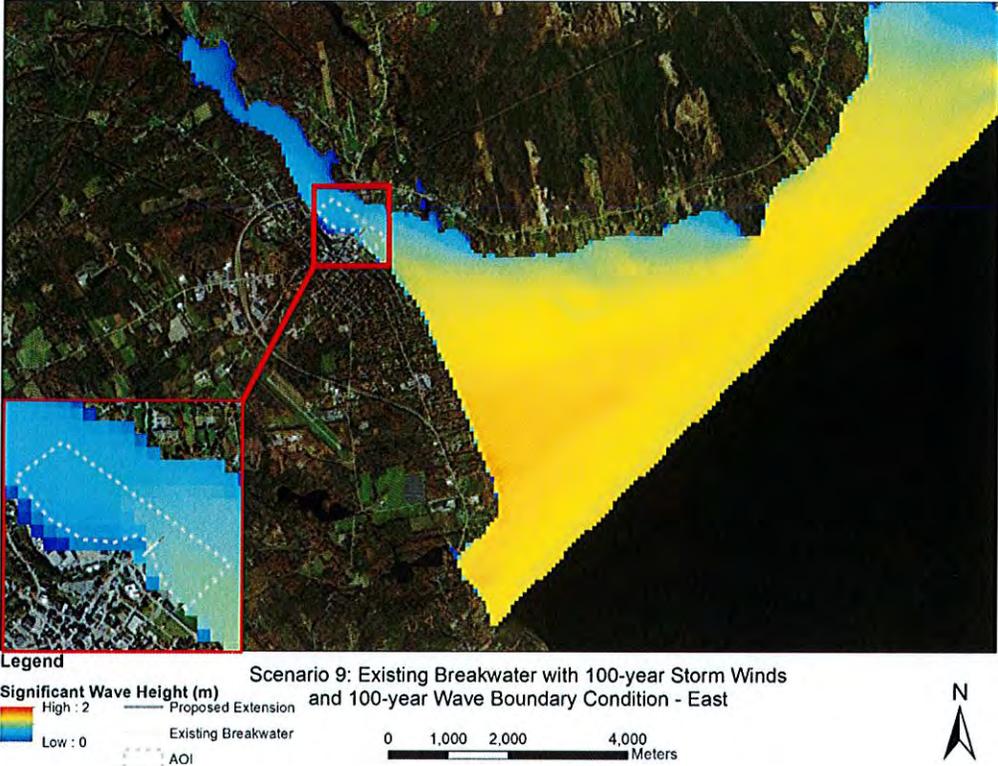
Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



APPENDIX

SCENARIO 9: EXISTING BREAKWATER WITH NORMAL-DAY EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT 100-YEAR WATER LEVEL



APPENDIX



Legend Scenario 9: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - East

Shear Stress (psf) — Proposed Extension
High : 0.1 Existing Breakwater
Low : 0 AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 9: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - East

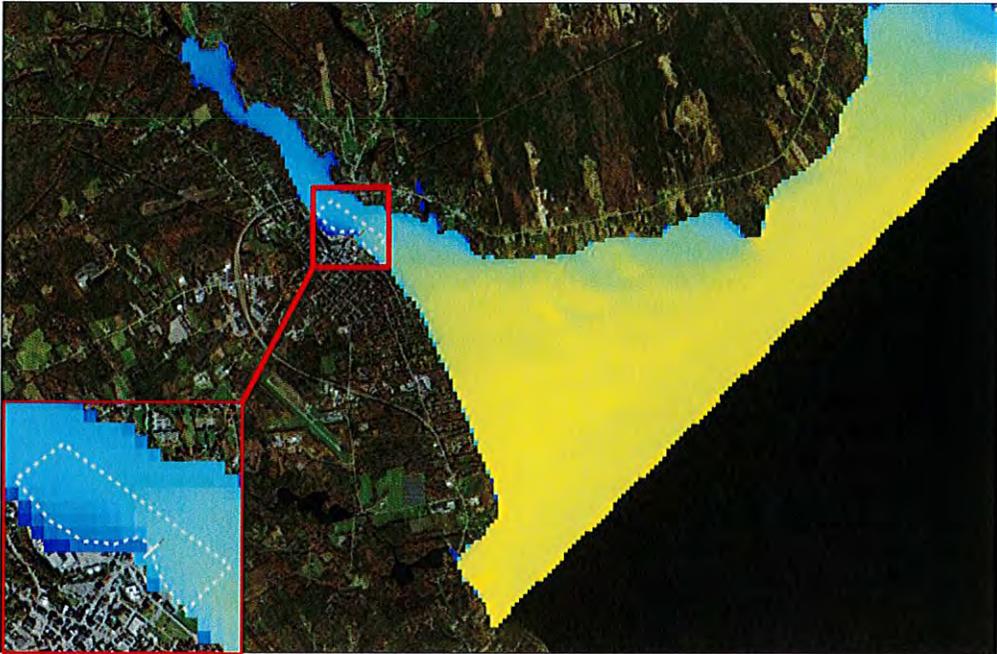
Shear Stress (psf) — Proposed Extension
Depositional Existing Breakwater
Erosional AOI

0 1,000 2,000 4,000 Meters



APPENDIX

SCENARIO 10: EXISTING BREAKWATER WITH NORMAL-DAY SOUTH-EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT 100-YEAR WATER LEVEL



Legend

Significant Wave Height (m)
High : 2
Low : 0

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters

Scenario 10: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East



APPENDIX

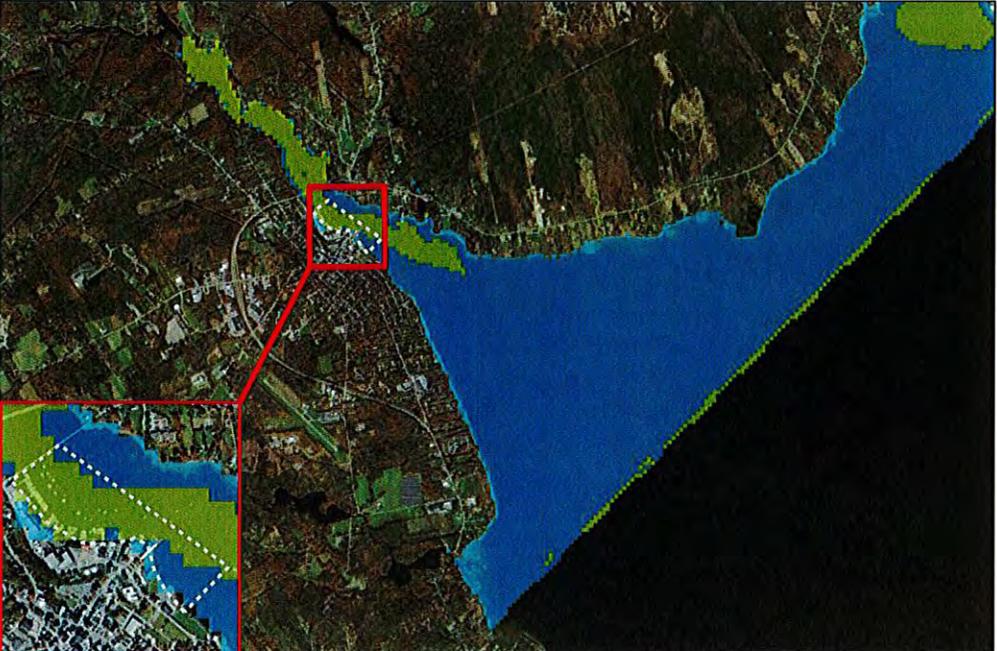


Legend Scenario 10: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
High : 0.1
Low : 0

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 10: Existing Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
Depositional
Erosional

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



APPENDIX

SCENARIO 11: PROPOSED BREAKWATER WITH NORMAL-DAY EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT 100-YEAR WATER LEVEL



Legend

Significant Wave Height (m)
High : 2
Low : 0

Proposed Extension
Existing Breakwater
AOI

Scenario 11: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - East

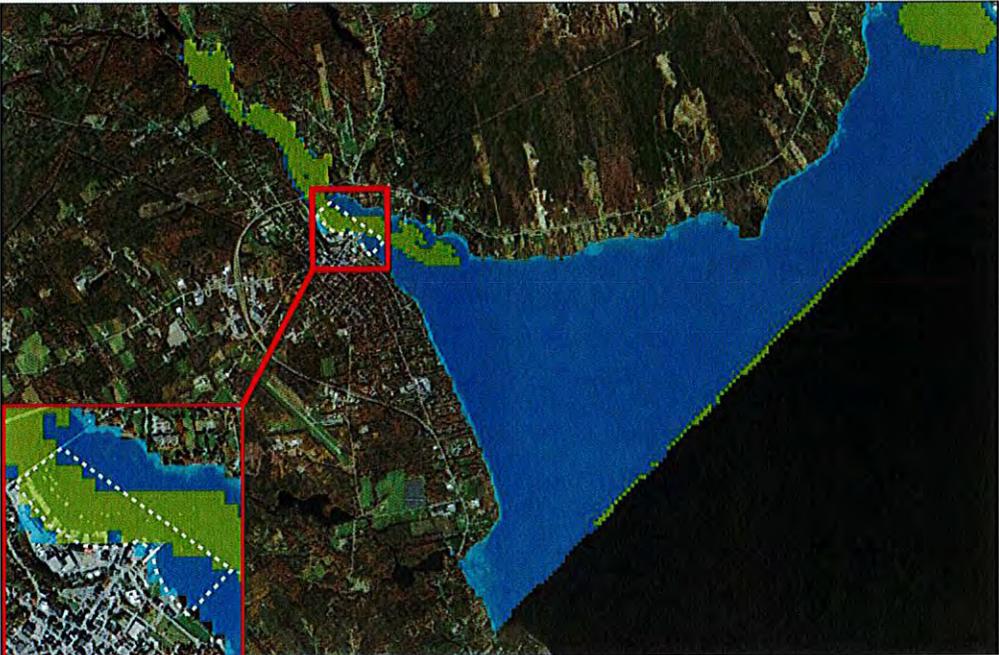
0 1,000 2,000 4,000 Meters



APPENDIX



Legend
Shear Stress (psf) — Proposed Extension
High : 0.1
Low : 0
Existing Breakwater
AOI
0 1,000 2,000 4,000 Meters

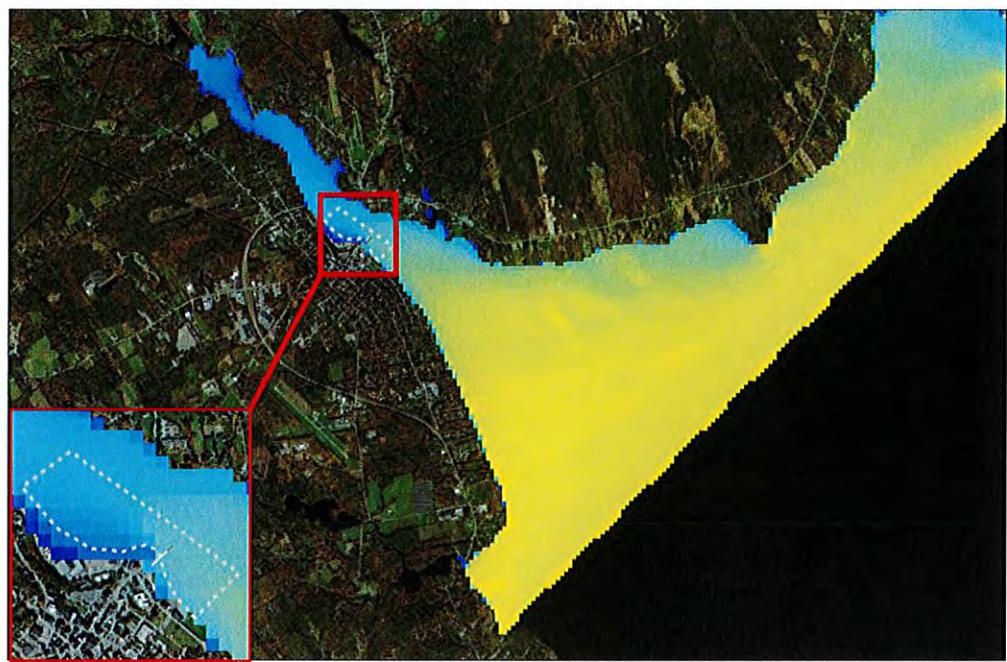


Legend
Shear Stress (psf) — Proposed Extension
Depositional
Erosional
Existing Breakwater
AOI
0 1,000 2,000 4,000 Meters



APPENDIX

SCENARIO 12: PROPOSED BREAKWATER WITH NORMAL-DAY SOUTH-EAST WIND AND NORMAL-DAY WAVE HEIGHT BOUNDARY AT 100-YEAR WATER LEVEL



Legend Scenario 12: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Significant Wave Height (m)
High : 2
Low : 0

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters

N

APPENDIX



Legend Scenario 12: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
High : 0.1
Low : 0

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



Legend Scenario 12: Proposed Breakwater with 100-year Storm Winds and 100-year Wave Boundary Condition - South East

Shear Stress (psf)
Depositional
Erosional

Proposed Extension
Existing Breakwater
AOI

0 1,000 2,000 4,000 Meters



10.B



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: August 8, 2024
RE: Wedding Ceremony Request – Steamboat Landing Park

The City of Belfast Parks and Recreation Department is presenting one Facility Use Request for Steamboat Landing Park for Owen Maxwell and Jacqueline Smith's wedding on August 31, 2024. Owen and Jacquelyn are hosting their wedding reception at the Belfast Yacht Club, and they would like to host their wedding ceremony next door at the Gazebo at Steamboat Landing Park, where they got engaged. Their wedding is scheduled for 5 PM and their overall rental time is 3-8 PM. They are planning for 150 guests and plan to provide benches around the Gazebo; a vendor will drop off the benches in the morning and place them at the Gazebo, and the vendor will pick them up later in the evening after the wedding party has moved over to the Belfast Yacht Club. Initially a tent was considered, but that is no longer an option for this rental.

For the ceremony, they will be using the Gazebo's electricity and may provide an altar-like backdrop for their ceremony. There would be light music provided through Bluetooth speakers (no DJ or band), and Porta-johns will be on the Belfast Yacht Club property for the outdoor portion of the wedding ceremony.

The couple has already provided a special event insurance policy meeting the \$1,000,000 general liability threshold for this facility. Additionally, the couple, their aunt, and I have discussed the fact that this is a public facility and that the park will not be closed to the public—people will be on the Harbor Walk, playing or picnicking in the other areas of the park, etc.

Since the reception is next door, no other infrastructure is needed from Parks and Recreation.

While the Gazebo does not yet have a formal rental policy and fee associated with it, the Parks and Recreation Agency is suggesting a rental fee of \$50 for this event—to secure the Gazebo for five hours, for access to Steamboat Landing Park for the bench vendor, and for use of the park's electricity.

This event will not generate any OT for Belfast Parks and Recreation staff, as all preparation can be done during the morning shift between 7-11 AM. **Belfast Parks and Recreation requests a Facility Use Request approval for a wedding at the Gazebo at Steamboat Landing Park with a rental fee of \$50.**





**Facilities Use Request
City of Belfast, Maine**

EVENT: Owen & Jacquelyn Maxwell Wedding Ceremony

DATES: 8/31/2024 EVENT REPRESENTATIVE: Pippa Jollie

PROPOSED LOCATION/AREA TO BE USED: Steamboat Landing Park

All applications and related documents to be returned to the Parks and Recreation Office at City Hall. 338-3370 Ext 27. The City Manager's Office will act as a backup.

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 is a planning checklist for your benefit as well as the City's. **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.** Approvals cannot be given to individuals or groups who are uncertain of their plans.

Please attach maps, additional sheets, event outlines etc. - that help to explain your request.

If any of the following questions do NOT apply to your event simple write

N/A (not applicable) in the space provided. Thank you.

1) State your name, phone number, e-mail address and identify whom you represent?

Pippa Jollie, (978) 875-1060, pippajollie@gmail.com.

, I am representing my nephew and niece-in-law, Owen Maxwell and Jacquelyn Smith

2) Describe in detail the nature of this event (What are you planning on?):

150 (maximum) wedding service by the water.

The couple would like to have the ceremony where they got engaged

3) What facilities would you like to use or what permissions are you seeking with respect to City buildings, Parks, Lands, Streets, sidewalks? Please be specific.

Steamboat Landing Park

An area large enough to accommodate 150 seats, a makeshift altar, and possibly a tent (d

4) What **dates and times** do you wish to have this event?

Saturday, August 31, 2024 from between 3:00pm and 8:00pm (to allow time for setup an

5) Are you asking to close off any City Streets? (Which ones, what dates, for how long a period of time each day?)

No

If yes, then who will manage these closed off Streets?

N/A

6) Are you asking the City for anything other than use of the facilities you have described above?

The electrical outlet on the Gazebo

7) How many people do you expect?

150 (maximum)

8) Will you be selling things at this event? What and by who if not you?

No.

9) Will any alcohol be served or consumed at this event? (If yes provide details)

Where? - Attach MAP N/A

By Whom: Name and Phone contact number:

N/A

10) Does this event call for any type of open fire - including for cooking purposes? (If so describe what fire safety measures you plan on employing associated with this potential hazard?)

No.

11) Will you be renting spaces to vendors on City Property? Yes _____ No X

If yes where do you propose they set up? (MAP Location) _____

12) Describe what type of vendor and the charges you propose to assess against them.

N/A

13) Will you have insurance in the amount of \$1,000,000 that also names the Inhabitants of the City of Belfast as an additional named insured party 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?

Yes - liability insurance has already been acquired through RVNA Insurance Provider

14) Who is your insurance agent that will provide proof of this coverage to the City?

Joseph Guerrerro, Nuccio and Associates Insurance Brokers

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

Light music, the wedding ceremony, and vows — between 5:00 and 6:00pm

16) How do you propose to handle garbage removal?

There will be limited garbage, but any will be taken back to on-premise location (15 Front

17) How do you propose to handle parking?

We have reserved 15 Front Street and the attached parking lot for the entire weekend

18) How do you propose to handle security?

N/A

19) How do you propose to handle the need for restrooms?

We have the facilities at 15 Front Street, as well as portable toilets parked in the back pa

20) What is your plan/need for electricity or water?

If we can use the electrical outlet on the Gazebo, we will provide

portable battery packs for microphone and battery/blue-tooth for portable speakers

21) Have you spoken to the neighbors in the area of this event and discussed traffic, noise, parking etc. with them?

We have reserved 15 Front Street for the weekend

22) Who will be in charge of the event during the event and what are their home phone numbers, cell phone numbers, and email addresses - where they can be reached before and during this event?

Pippa Jollie - (978) 875-1060 / pippajollie@gmail.com - Alison Fibel (207) 749-518

23) Are you requesting any services from the City? Be specific on the services you are asking for Just the space.

Department

Service Requested

City Manager

Police

Fire/ Ambulance

Parks

Public Works

Harbor

Other?

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.



FACILITY USE APPLICATION CHECKLIST

- Application complete with contact names and contact information
- Specific facility or park requested
- Dates/times of the event and extra set-up time if necessary
- Specific request of City services:
 - electrical needs
 - street closures
 - police assistance
 - trash removal
- Vendor permits (necessary if serving alcohol)
- Parking plan
- Insurance Certificate (need to receive two weeks prior to event)
- Map/diagram of event layout
- Music cannot reach a volume level of more than 7 on controls
- Plan for restroom facilities
- Scheduled meeting with City Representative

My signature attests to the review of the checklist and the realistic view of the event provided to the City. Any deviation from the written request is grounds for cancellation of the event by the City of Belfast without notice.

Signature Pippa Jollie Date: 8/6/2024
Printed Name: Pippa Jollie



ADMINISTRATIVE COMMENTS
(Internal City use only)

City Manager's Office

Police Department

Fire/Ambulance Department

Parks Department

Public Works Department

Harbor Master

Boat House Rental Agent

Other Notes:

Parking
Area



15 Front St

FRONT ST

e Park



5 Front St

Crumbs
Provisions



10.C

July 10, 2024

Ariel Morgan

23 Waterville Rd

Belfast, Me, 04915

Dear City Councilors,

I am writing as a newer resident of Belfast. For eight years, my partner and I lived down a long muddy road in an off-grid cabin in Palermo. However, when our daughter was born we realized that we wanted to be in town. Belfast had always been "our town," where we shopped, and went to the library. We were really excited about the idea of raising our daughter here. I was especially excited to live somewhere where it would be possible to drive less, and to walk and bike more.

Last January, we were so lucky to find a beautiful old farmhouse just close enough to town that we could bike, and even walk, and where I could imagine my daughter biking when she is older. However, our long-time and deeply trusted realtor, Marianne Williams, with Better Homes and Gardens, strongly cautioned us against buying the house because it was situated on a stretch of road where cars rip past, picking up speed on their way out of town. Marianne told us that the road would seriously hurt the value of the home if we ever sold it, regardless of what efforts we put in to restore and modernize it.

We bought it anyway, but I hoped that we would be able to work with the city to lower the speed limit and make our home and neighborhood more liveable.

The speed limit on Waldo Ave is 25 mph where it crosses over Route 1 by the high school. It then goes up to 40 mph as it passes the Lisa Nichols' Salon, despite the fact that students from the high school often walk, bike, or skateboard on this stretch to and from school. It then increases *again* to 50 mph when it passes Marsh Rd and turns into Waterville Rd. I regularly have people pass me at highway speed, over a double line, around a blind curve, as I slow down to pull into my driveway. Our mailbox has been hit, twice, by cars. While we do ride bikes on our road, it is terrifying to have gravel trucks tear past my child in her bike stroller going 50 mph, or faster. Even walking with my dog along the 100 feet to where the Doak Rd turns off can feel very scary.

I know several other young families who would love to live in Belfast, because Belfast has so much to offer us. I believe we have a lot to offer Belfast, as well. We go to church and volunteer. We go to movies,

and go out to restaurants, even in winter. We have the energy and the motivation to take care of old houses that give Belfast its iconic look, but that are quickly falling into disrepair. And yet, any good realtor would advise them, as they did us, not to buy in our neighborhood.

I understand that this stretch of road is under the jurisdiction of the Maine DOT and not the City itself. I am asking the City of Belfast to please request that Maine DOT lower the speed limit to 30 mph from the Route 1 overpass to the Doak Rd, and lower the speed limit from the Doak Rd to Bowen's Tavern 40 mph. I think this would make our neighborhood safer for bicycles and pedestrians. I think it would foster connection with our neighbors because it would make it possible to, say, go trick or treating. I think it would result in less garbage on the road side because people would treat it like a neighborhood, and not like the highway. I think it would draw more families like ours to the area.

Thank you so much for your consideration,

Ariel Morgan

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)

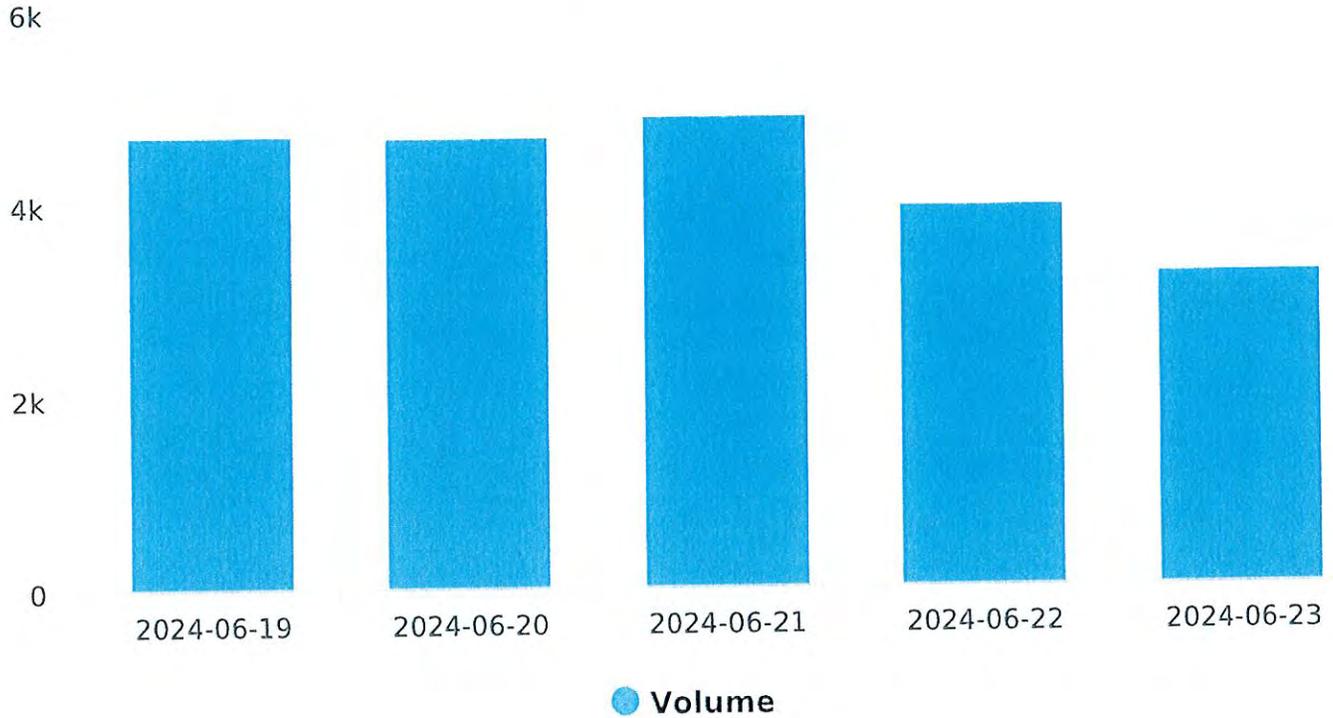
Date	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
06-19	21	6	8	41	85	218	310	368	347	352	326	357	297	299	275	267	252	239	216	159	88	80	54	37	4702
06-20	20	17	13	37	90	227	374	414	380	342	335	291	301	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	565	399	293	233	21460

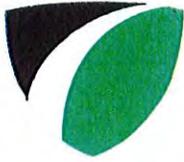


Start: 2024-06-19
End: 2024-06-23
Times: 0:00:00-23:59:59

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

Daily Total Volume





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)

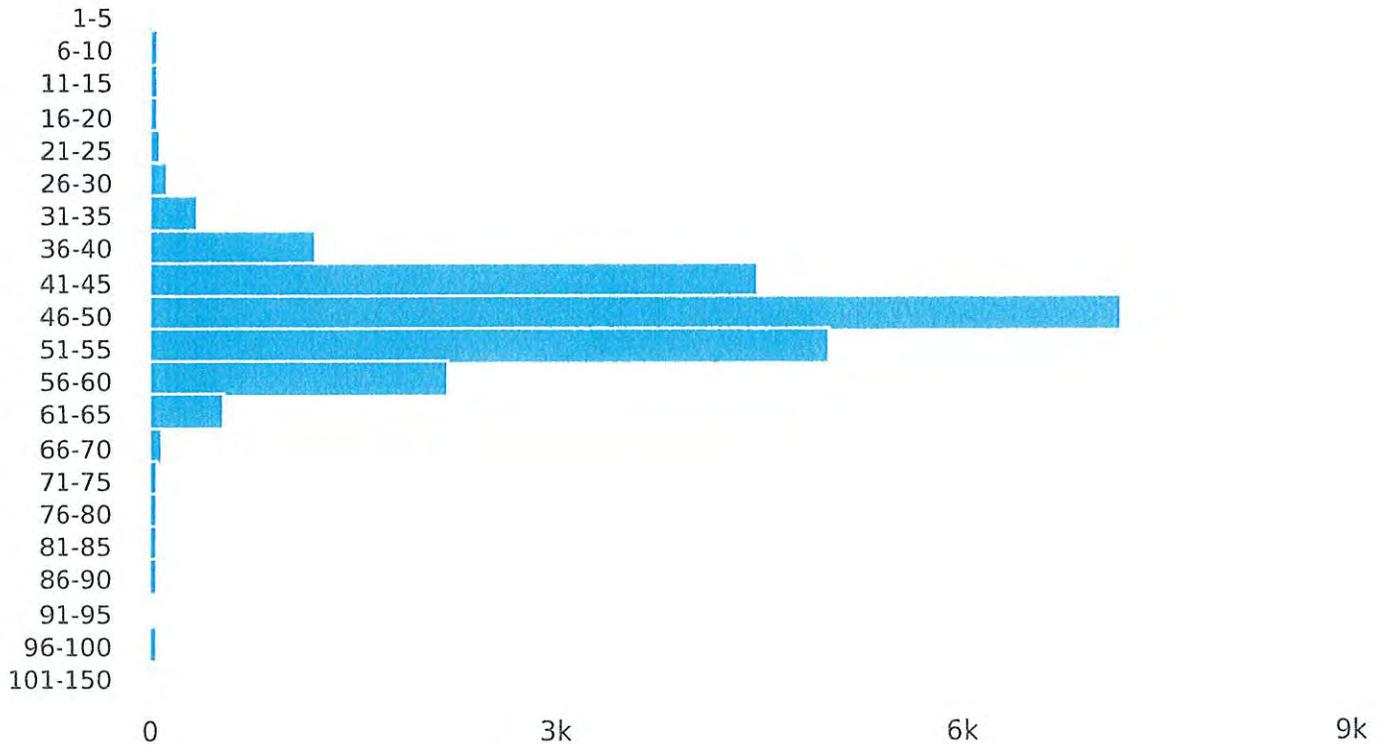
Time	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 to 40	41 to 45	46 to 50	51 to 55	56 to 60	61 to 65	66 to 70	71 to 75	76 to 80	81 to 85	86 to 90	91 to 95	96 to 100	101 to 150	Avg Speed	Total
0:00	0	1	1	2	5	6	12	13	44	39	13	5	0	1	0	0	0	0	0	0	0	42.6	142
1:00	0	0	0	2	3	9	12	11	9	7	3	0	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	2	0	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



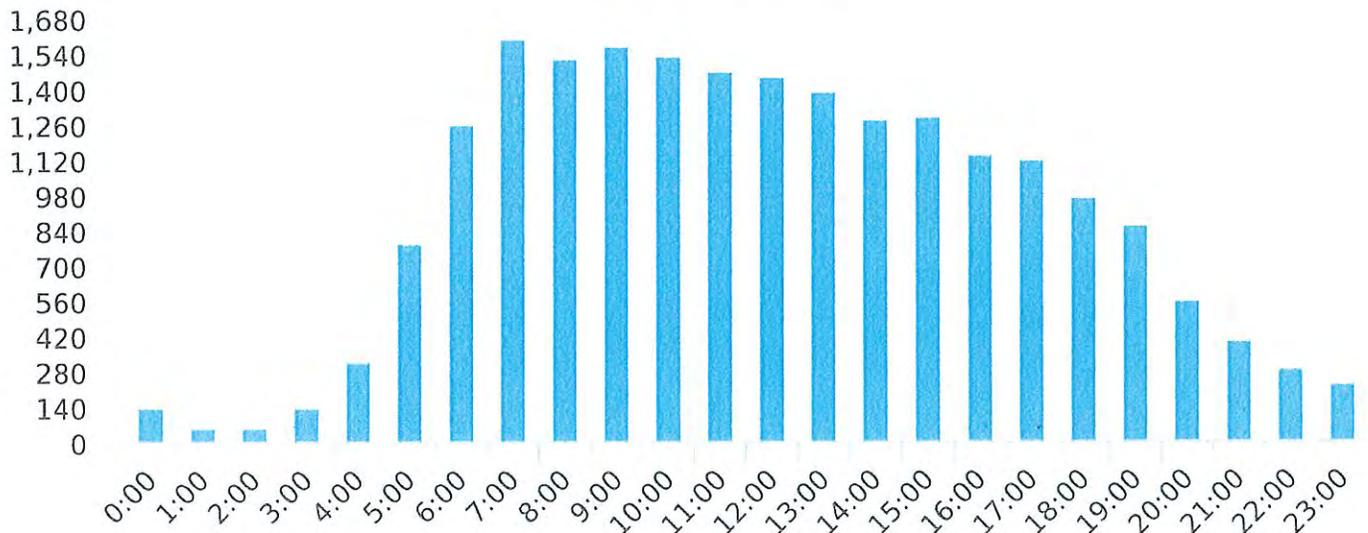
Start: 2024-06-19
End: 2024-06-23
Times: 0:00:00-23:59:59

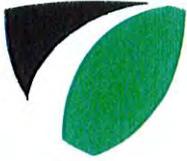
Speed Bins: Size 5, Range 1 to 150
Time View: By Hour (Total Volumes)

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

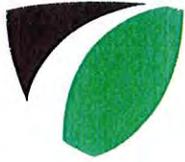
Medium Risk Threshold: Speed Limit + 10

High Risk Threshold: Speed Limit + 20

Speed Range: 1 to 150

Time View: By Hour (Total Volumes)

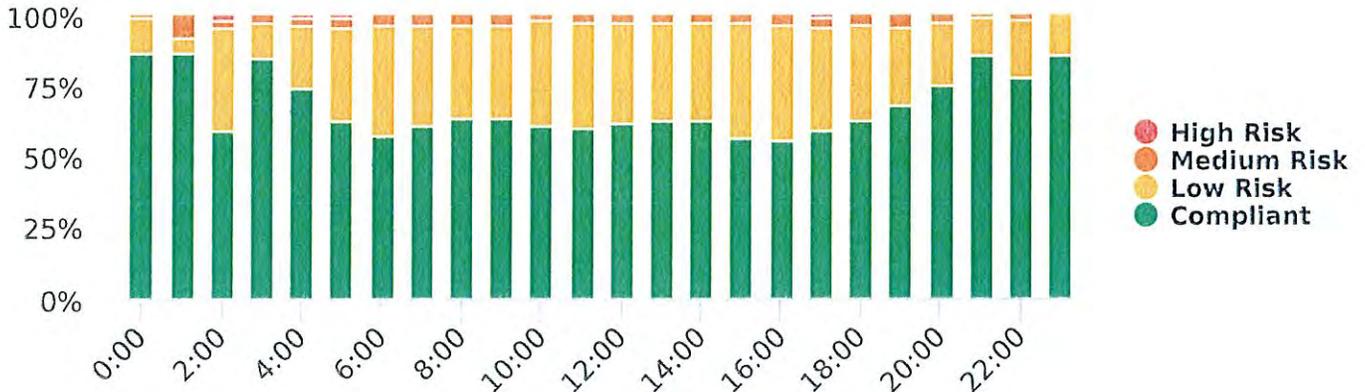
Time	Speed Limit	Mode	Compliant	Low Risk	Medium Risk	High Risk	Total Num Vehicles
0:00	50	Dependent Messages	123	18	1	0	142
1:00	50	Dependent Messages	53	3	5	0	61
2:00	50	Dependent Messages	37	22	2	1	62
3:00	50	Dependent Messages	122	18	4	0	144
4:00	50	Dependent Messages	236	71	9	3	319
5:00	50	Dependent 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



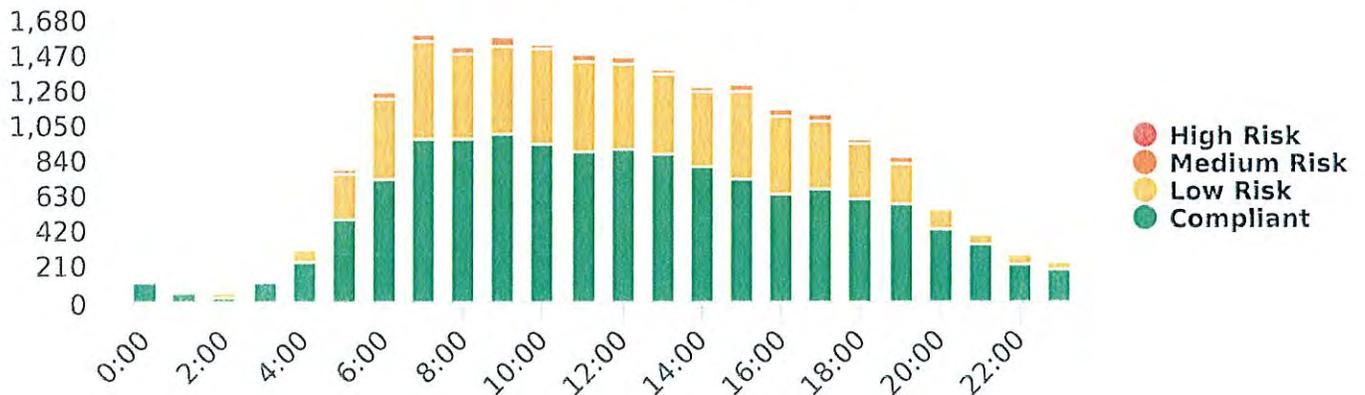
Start: 2024-06-19
 End: 2024-06-23
 Times: 0:00:00-23:59:59

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

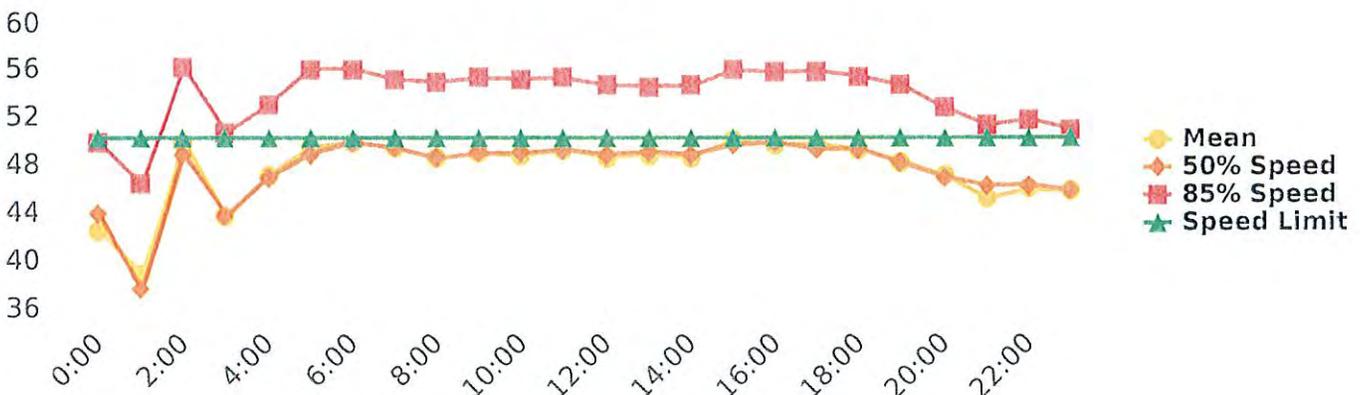
Compliance % by Hour (Totals)



Compliance by Hour (Totals)



Speeds





Enforcement Priorities Report

Matthews Rd, EB

Start: 2024-06-19

End: 2024-06-23

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	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)

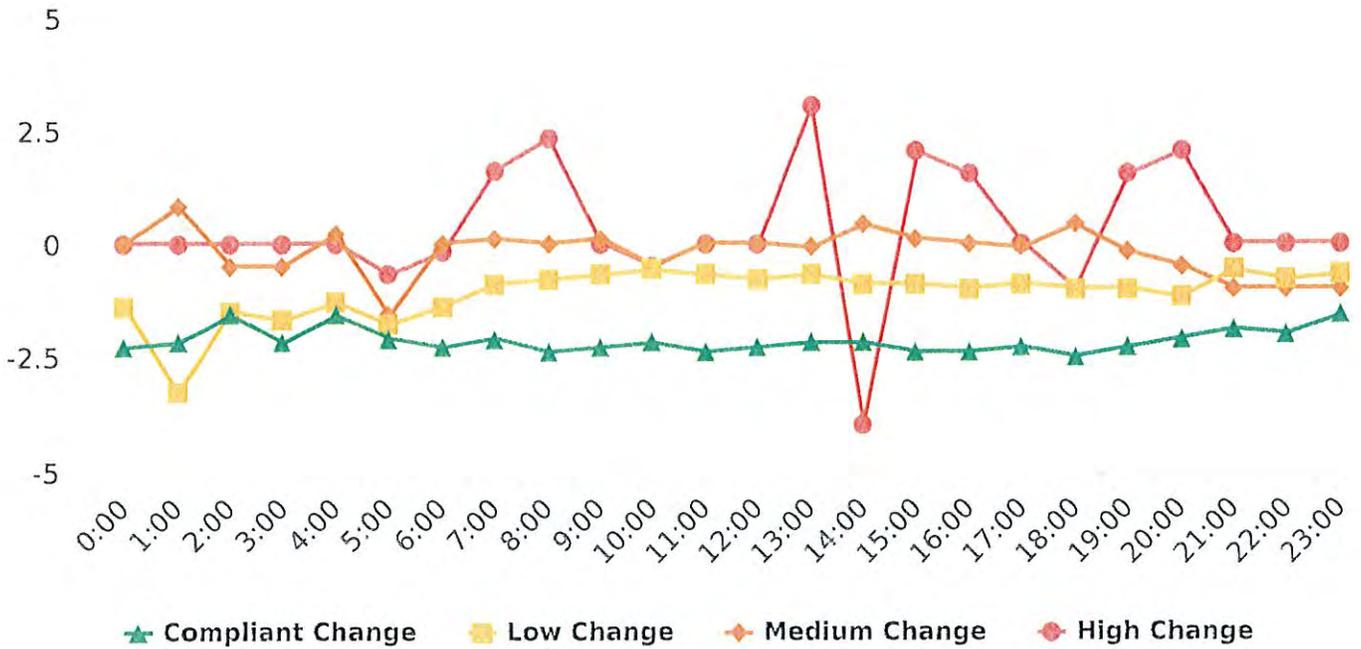
Time	Speed Limit	Sign Mode	Compliant Avg Final Speed	Compliant Change in Speed	Low Risk Avg Final Speed	Low Risk Change in Speed	Medium Risk Avg Final Speed	Medium Risk Change in Speed	High Risk Avg Final Speed	High Risk Change in Speed	% of Vehicles Slowed
0:00	50	Dependent Messages	40.7	-2.3	54.2	-1.4	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%



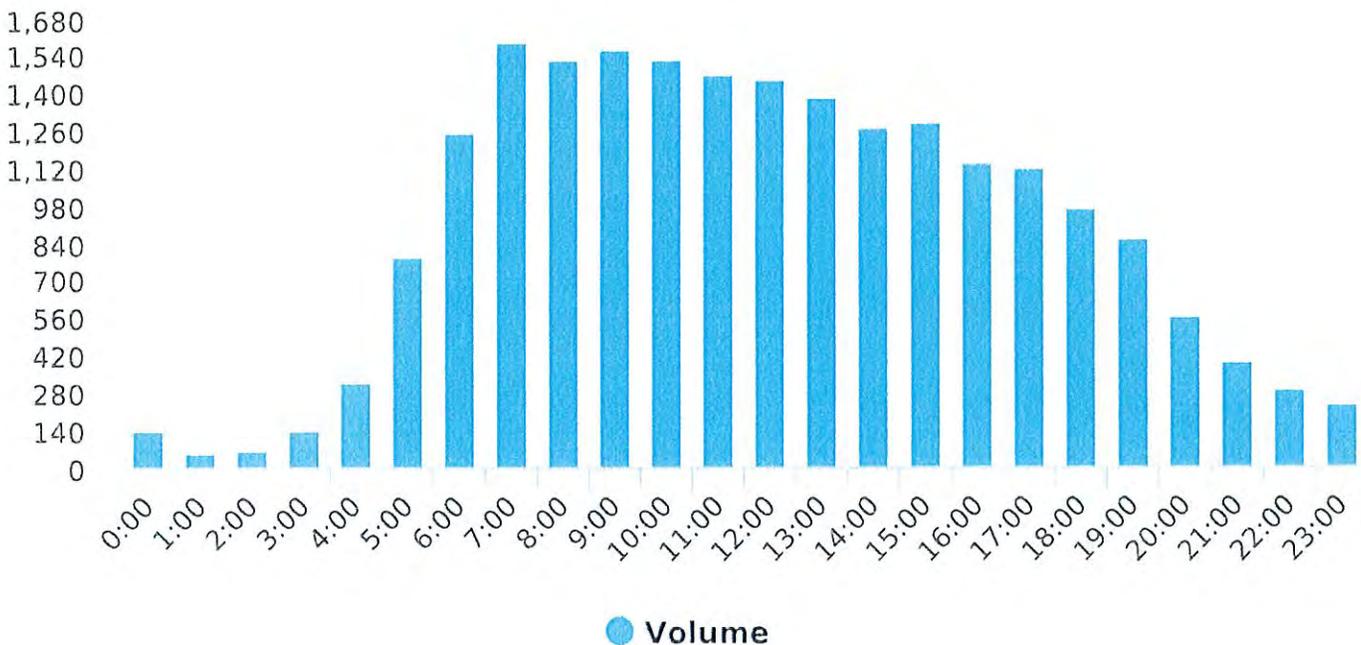
Start: 2024-06-19
 End: 2024-06-23
 Times: 0:00:00-23:59:59

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)





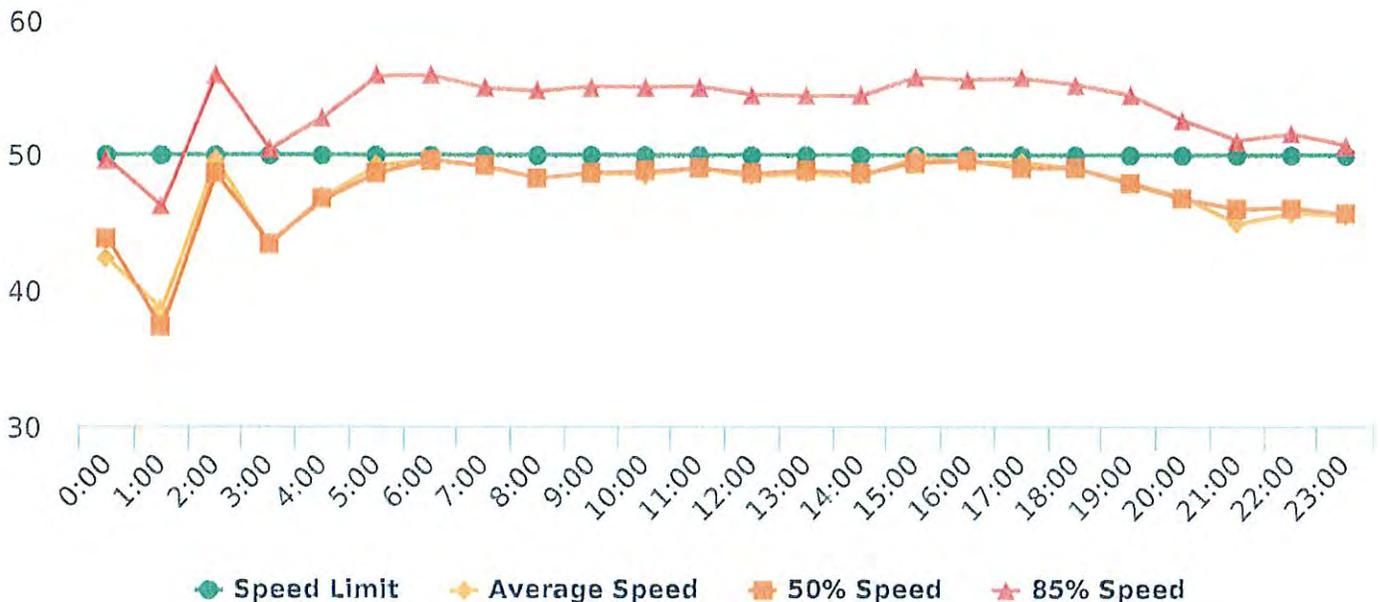
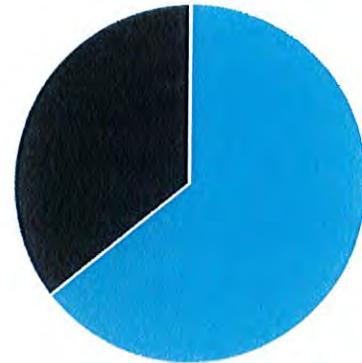
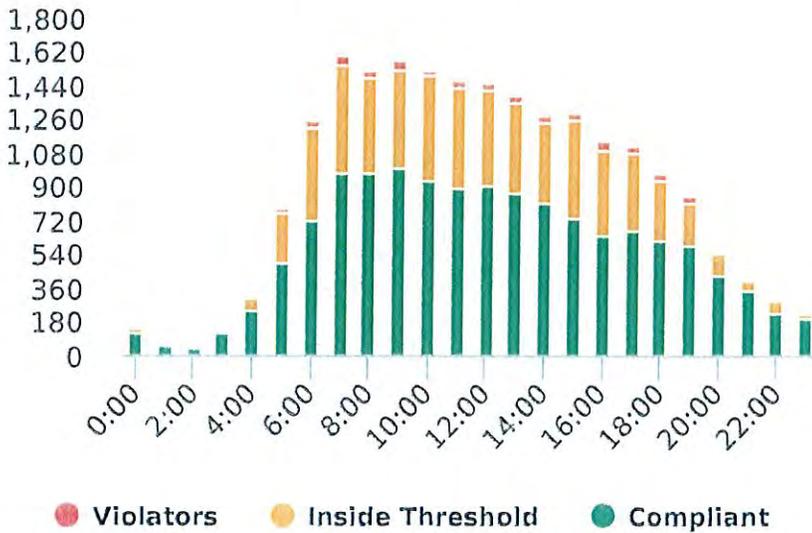
Start: 2024-06-19
End: 2024-06-23
Times: 0:00:00-23:59:59

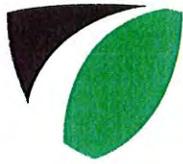
Violation Threshold: Speed Limit + 10
Speed Range: 1 to 150

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





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

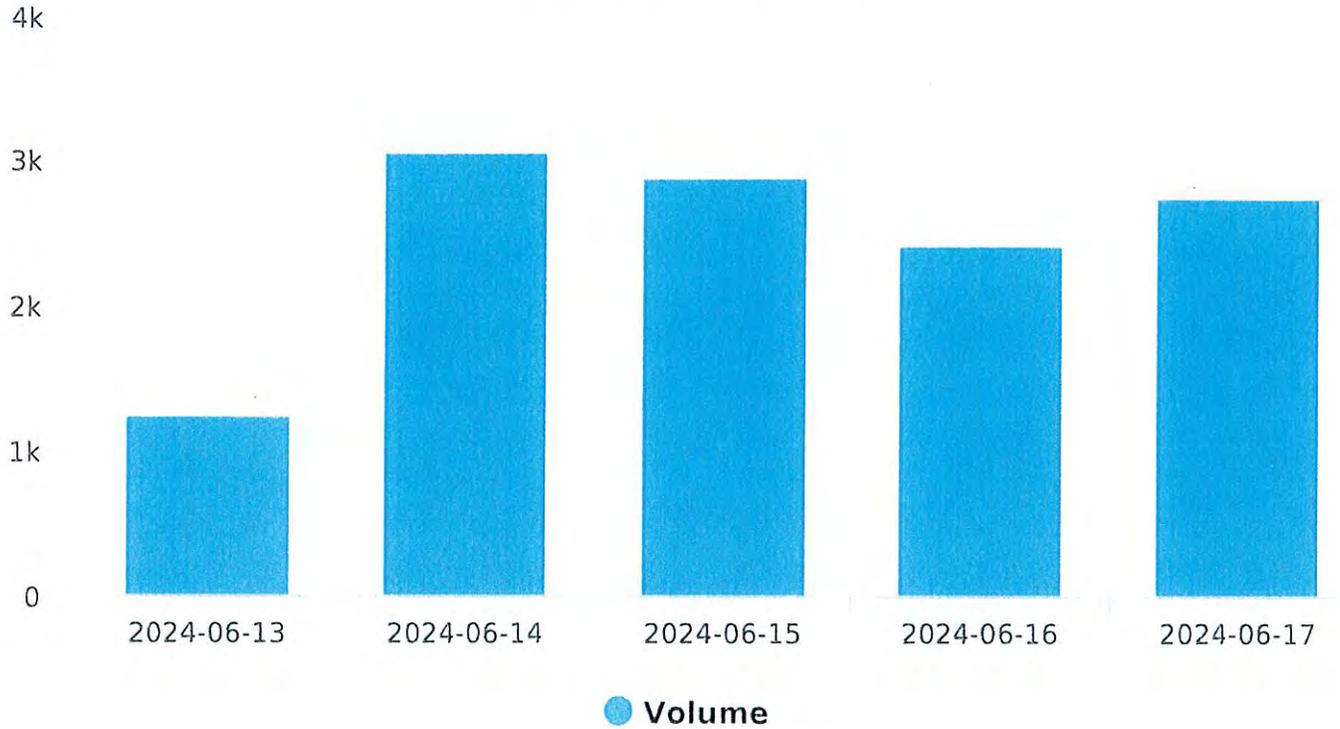
Date	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
06-13	n/a	353	255	212	162	92	92	39	37	1242															
06-14	8	2	9	3	12	40	54	112	149	157	189	196	224	234	264	308	289	238	154	135	130	76	49	33	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	206	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

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

Daily Total Volume





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)

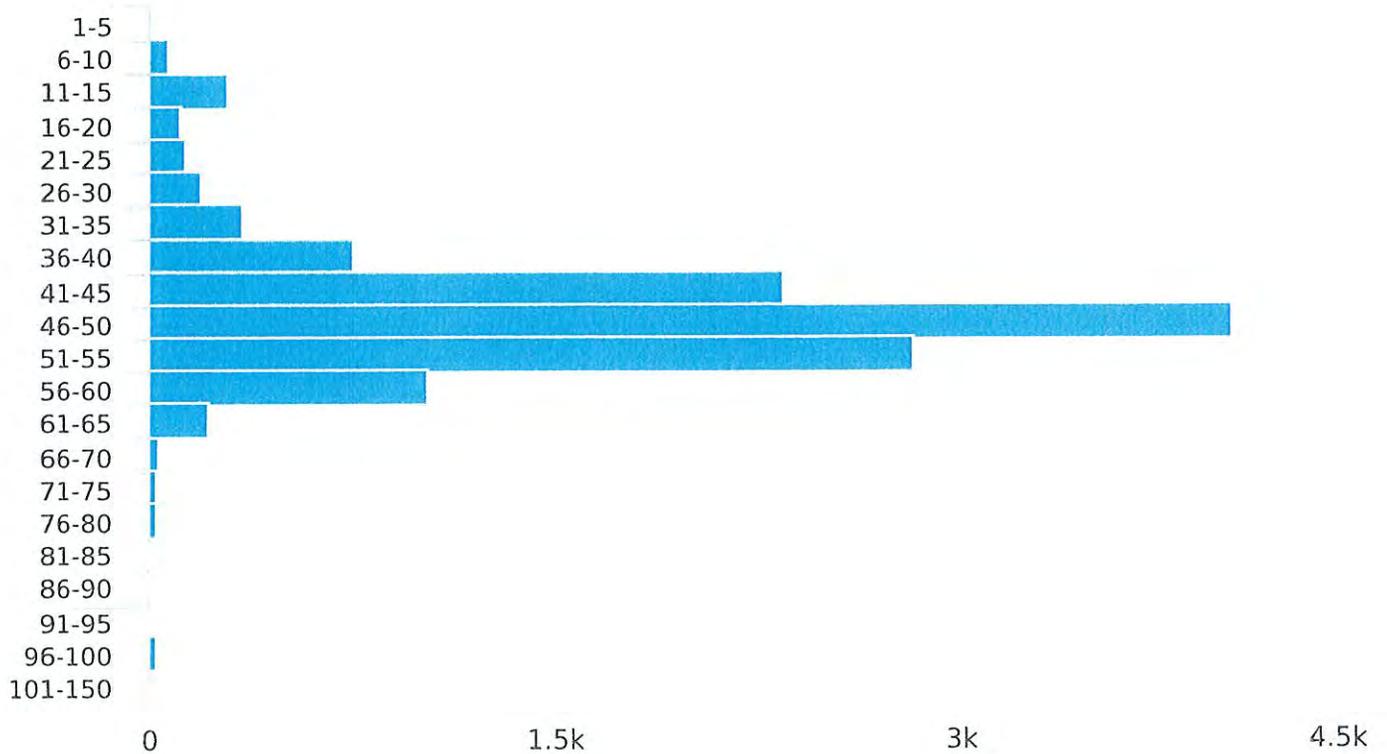
Time	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 to 40	41 to 45	46 to 50	51 to 55	56 to 60	61 to 65	66 to 70	71 to 75	76 to 80	81 to 85	86 to 90	91 to 95	96 to 100	101 to 150	Avg Speed	Total
0:00	0	0	0	0	1	4	3	4	6	9	10	4	1	0	0	0	0	0	0	0	0	45.0	42
1:00	0	0	0	0	0	0	0	2	4	2	3	5	1	0	0	0	0	0	0	0	0	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	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	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	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	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	48.8	206
7:00	0	2	4	0	2	2	6	8	64	92	76	48	7	2	1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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



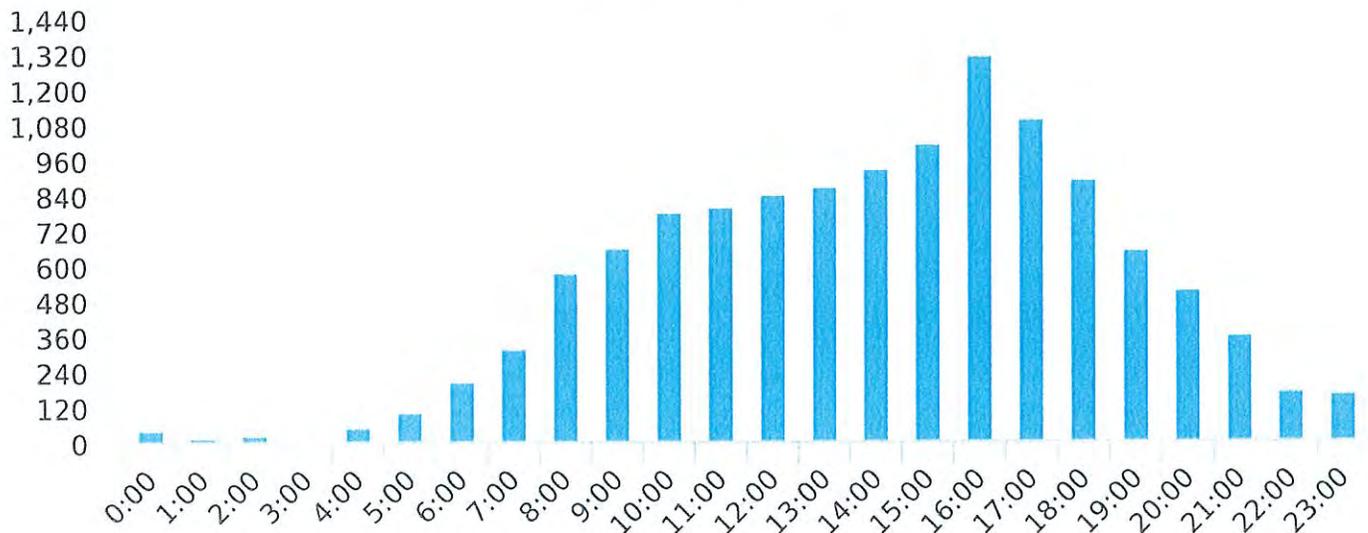
Start: 2024-06-12
End: 2024-06-17
Times: 0:00:00-23:59:59

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)

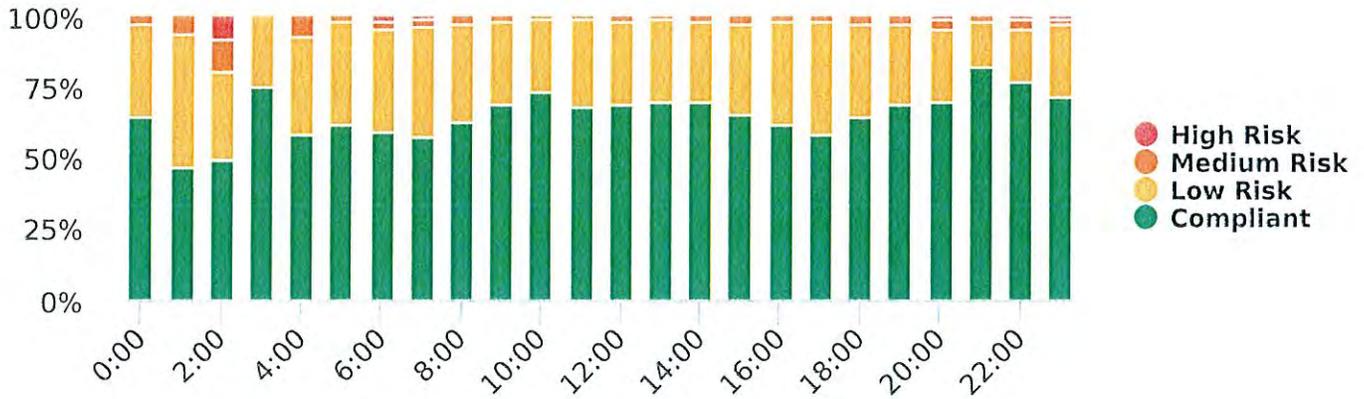
Time	Speed Limit	Mode	Compliant	Low Risk	Medium Risk	High Risk	Total Num Vehicles
0:00	50	Dependent Messages	27	14	1	0	42
1:00	50	Dependent Messages	8	8	1	0	17
2:00	50	Dependent Messages	13	8	3	2	26
3:00	50	Dependent Messages	9	3	0	0	12
4:00	50	Dependent Messages	32	19	4	0	55
5:00	50	Dependent Messages	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			8259	3855	255	17	12386



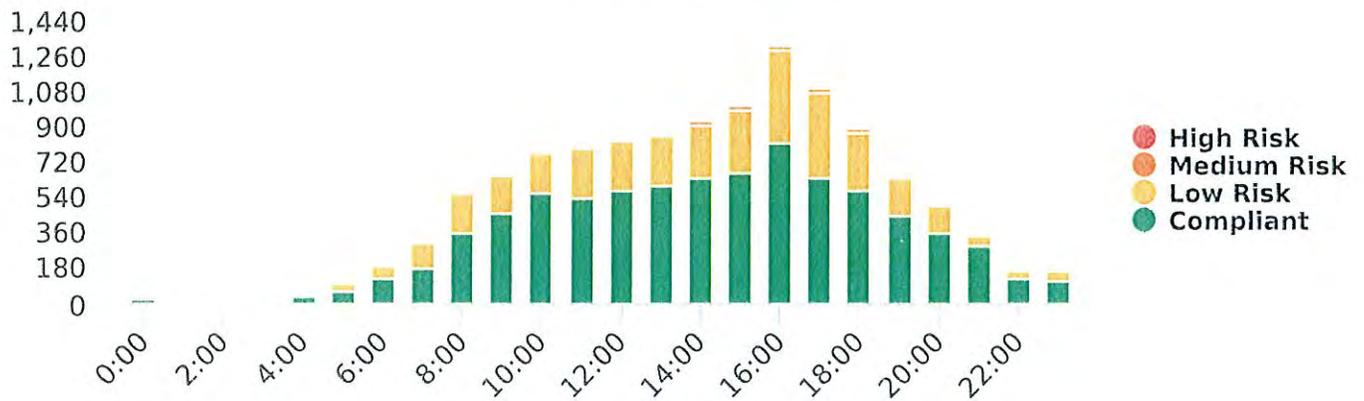
Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

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

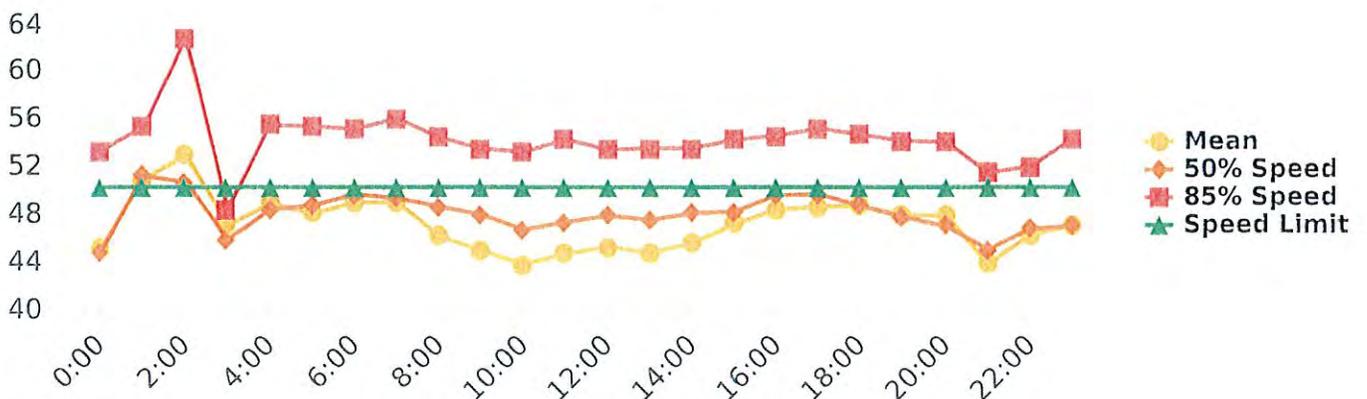
Compliance % by Hour (Totals)



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



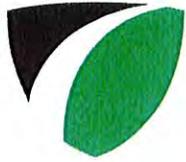
Speed Effectiveness Report

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)

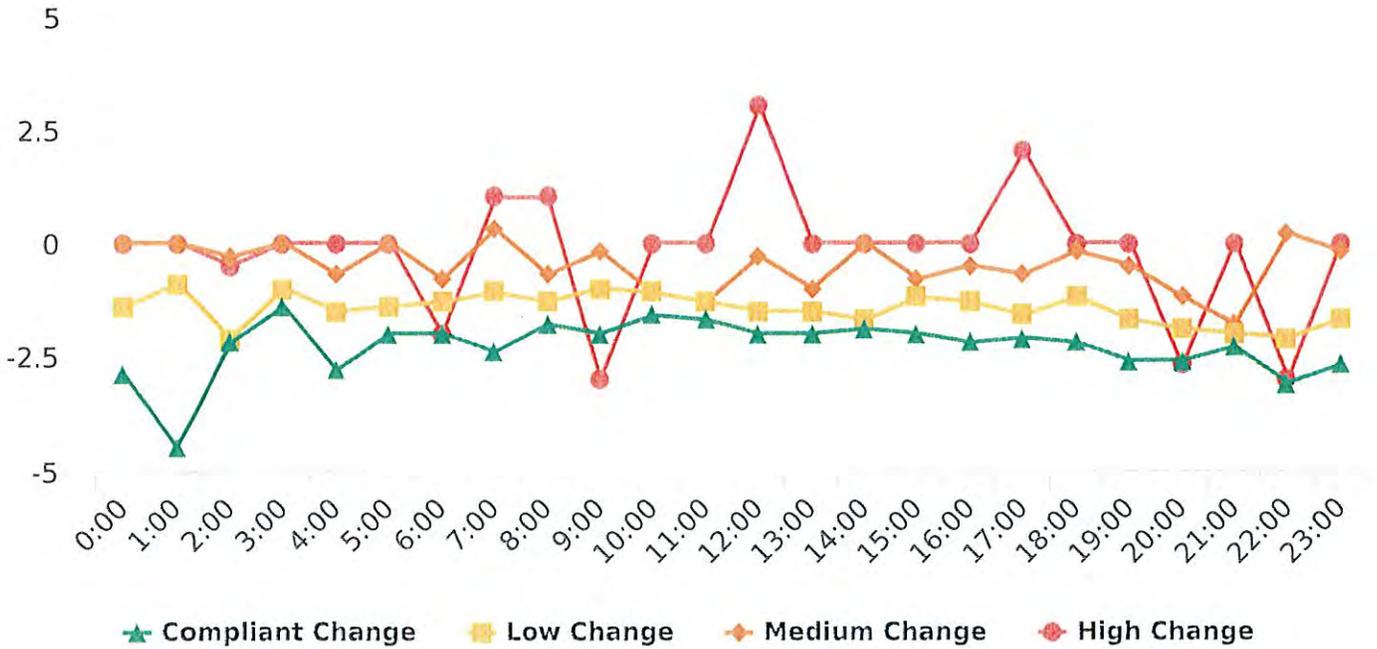
Time	Speed Limit	Sign Mode	Compliant Avg Final Speed	Compliant Change in Speed	Low Risk Avg Final Speed	Low Risk Change in Speed	Medium Risk Avg Final Speed	Medium Risk Change in Speed	High Risk Avg Final Speed	High Risk Change in Speed	% of Vehicles Slowed
0:00	50	Dependent Messages	39.8	-2.9	53.9	-1.4	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%



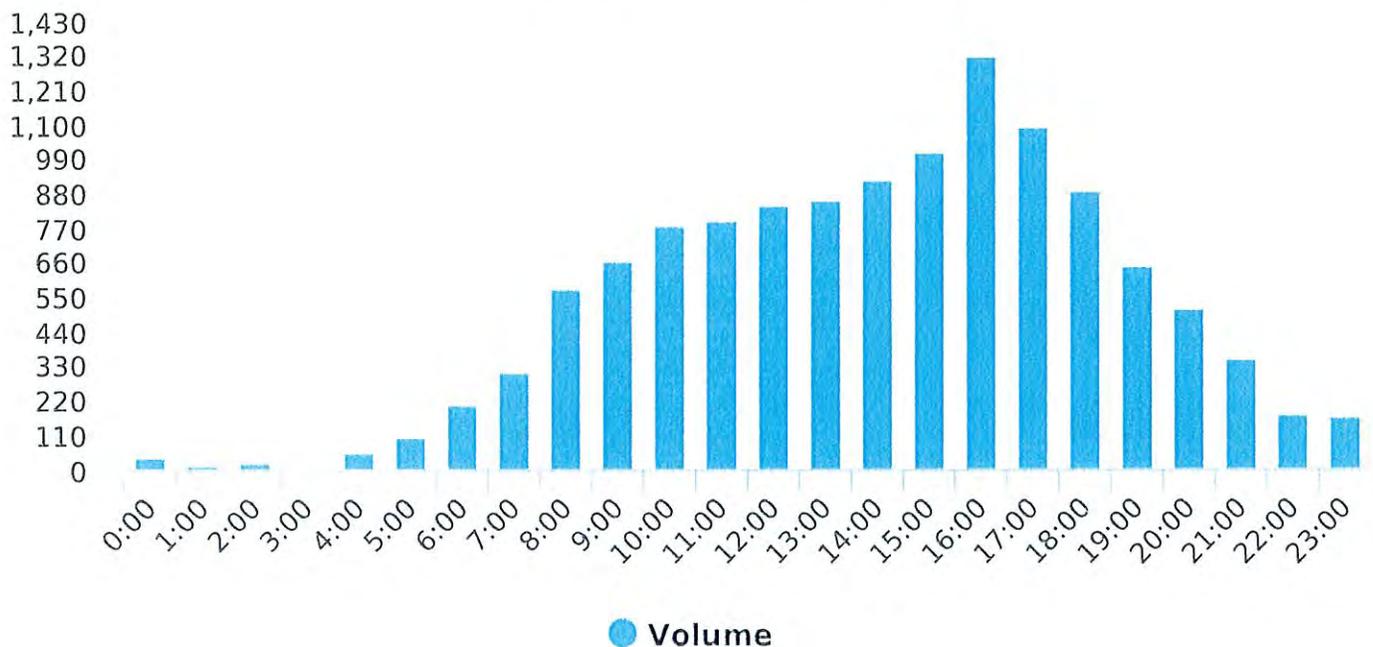
Start: 2024-06-12
 End: 2024-06-17
 Times: 0:00:00-23:59:59

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)





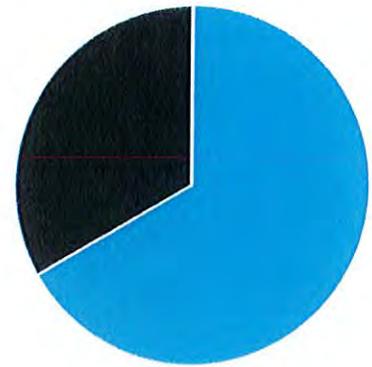
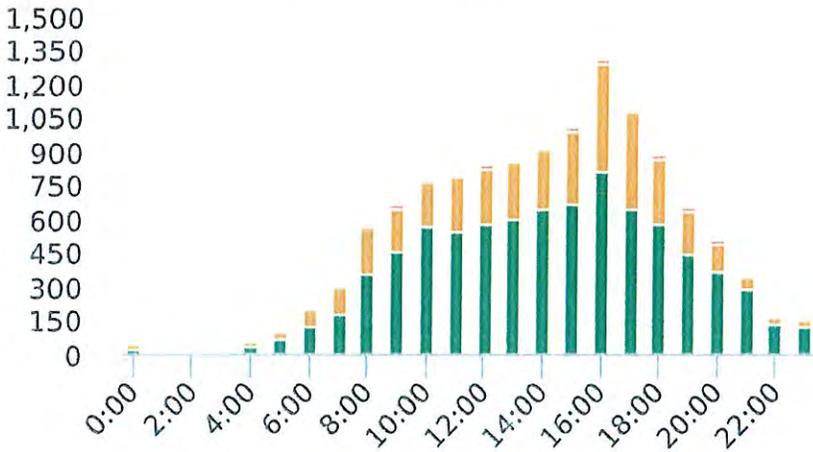
Start: 2024-06-12
End: 2024-06-17
Times: 0:00:00-23:59:59

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

Overall Summary

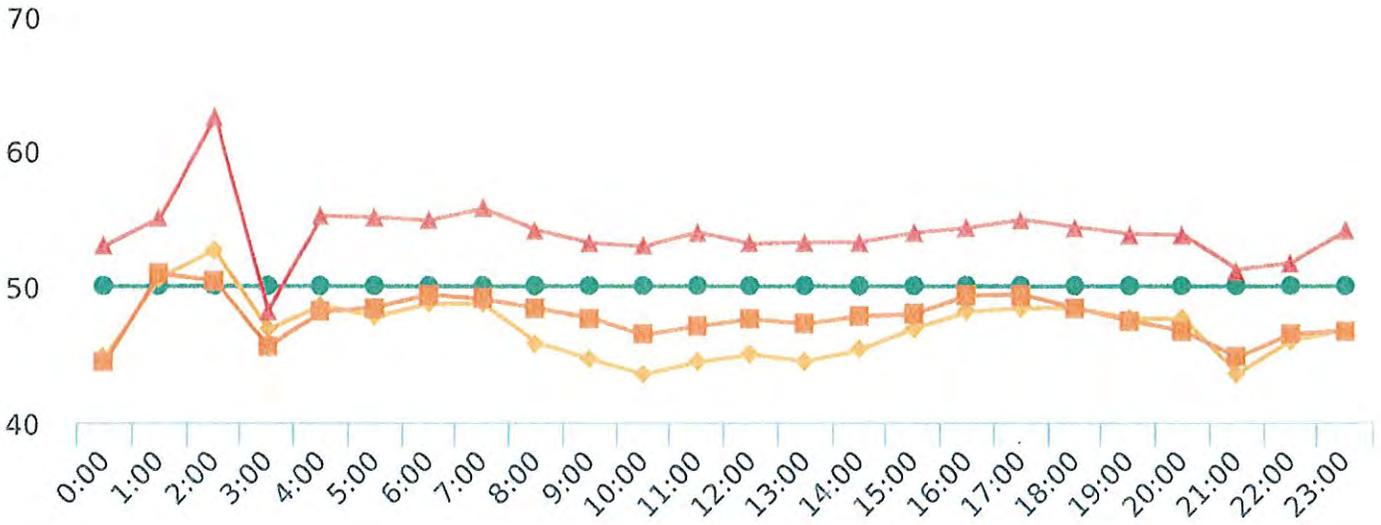
Total Days of Data: 5
Speed Limit: 50
Average Speed: 46.37
50th Percentile Speed: 47.88
85th Percentile Speed: 53.84
Pace Speed Range: 44-54

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	353	65	10	48.0	55.0	50.0	50.0
2024-06-13	17:00:00.0	60	255	63	10	49.0	55.0	50.0	51.0
2024-06-13	18:00:00.0	60	212	64	11	47.0	53.0	48.0	49.0
2024-06-13	19:00:00.0	60	162	64	12	48.0	54.0	48.0	48.0
2024-06-13	20:00:00.0	60	92	72	30	47.0	53.0	46.0	46.0
2024-06-13	21:00:00.0	60	92	70	23	44.0	52.0	45.0	45.0
2024-06-13	22:00:00.0	60	39	67	29	47.0	52.0	47.0	47.0
2024-06-13	23:00:00.0	60	37	60	30	47.0	54.0	47.0	44.0
2024-06-14	00:00:00.0	60	8	59	41	51.0	59.0	49.0	54.0
2024-06-14	01:00:00.0	60	2	45	42	44.0	45.0	42.0	44.0
2024-06-14	02:00:00.0	60	9	61	40	50.0	58.0	50.0	48.0
2024-06-14	03:00:00.0	60	2	48	45	47.0	48.0	45.0	47.0
2024-06-14	03:30:00.0	60	0	0	0	0.0	0.0	0.0	0.0
2024-06-14	03:40:00.0	60	1	57	57	57.0	57.0	57.0	57.0
2024-06-14	04:00:00.0	60	12	59	25	48.0	56.0	49.0	50.0
2024-06-14	05:00:00.0	60	40	70	37	51.0	57.0	50.0	50.0
2024-06-14	06:00:00.0	60	54	64	36	50.0	55.0	51.0	51.0
2024-06-14	07:00:00.0	60	5	51	42	46.0	50.0	45.0	47.0
2024-06-14	07:05:00.0	60	107	63	10	50.0	56.0	51.0	51.0
2024-06-14	08:00:00.0	60	149	63	10	48.0	55.0	49.0	52.0
2024-06-14	09:00:00.0	60	157	62	10	45.0	53.0	47.0	48.0
2024-06-14	10:00:00.0	60	19	67	10	38.0	49.0	38.0	47.0
2024-06-14	10:05:00.0	60	170	67	10	44.0	53.0	45.0	47.0
2024-06-14	11:00:00.0	60	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 600000	0	0	0	0.0	0.0	0.0	0.0
2024-06-17	01:15:00.0 600000	1	38	38	38.0	38.0	38.0	38.0
2024-06-17	02:00:00.0 600000	5	64	42	55.0	60.0	57.0	59.0
2024-06-17	03:00:00.0 600000	0	0	0	0.0	0.0	0.0	0.0
2024-06-17	03:30:00.0 600000	1	51	51	51.0	51.0	51.0	51.0
2024-06-17	04:00:00.0 600000	3	58	48	52.0	58.0	49.0	53.0
2024-06-17	04:15:00.0 600000	24	63	42	50.0	56.0	49.0	48.0
2024-06-17	05:00:00.0 600000	21	60	40	49.0	56.0	49.0	47.0
2024-06-17	06:00:00.0 600000	88	70	13	48.0	55.0	49.0	50.0
2024-06-17	07:00:00.0 600000	10	57	42	47.0	51.0	46.0	47.0
2024-06-17	07:10:00.0 600000	90	98	10	49.0	56.0	49.0	49.0
2024-06-17	08:00:00.0 600000	153	62	10	47.0	53.0	49.0	50.0
2024-06-17	09:00:00.0 600000	164	64	13	46.0	53.0	48.0	48.0
2024-06-17	10:00:00.0 600000	16	60	44	52.0	54.0	51.0	49.0
2024-06-17	10:05:00.0 600000	158	60	10	44.0	53.0	47.0	50.0
2024-06-17	11:00:00.0 600000	159	65	10	47.0	54.0	48.0	49.0
2024-06-17	12:00:00.0 600000	185	73	10	45.0	52.0	48.0	48.0
2024-06-17	13:00:00.0 600000	178	65	10	45.0	53.0	47.0	47.0
2024-06-17	14:00:00.0 600000	222	62	10	44.0	53.0	47.0	49.0
2024-06-17	15:00:00.0 600000	265	64	10	47.0	53.0	47.0	48.0
2024-06-17	16:00:00.0 600000	46	58	17	46.0	52.0	47.0	47.0
2024-06-17	16:10:00.0 600000	223	61	21	48.0	53.0	49.0	49.0
2024-06-17	17:00:00.0 600000	250	63	21	48.0	54.0	49.0	50.0
2024-06-17	18:00:00.0 600000	203	66	25	50.0	56.0	49.0	49.0
2024-06-17	19:00:00.0 600000	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

10.0



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

MEMORANDUM

DATE: August 13, 2024

TO: Belfast Mayor and City Council, City Manager Erin Herbig

FROM: Bub Fournier, Planning and Codes Director

RE: 36 Smart Road MDEP Septic Grant – change order and increased funding

Background Information: The Belfast City Council approved administration of funds for a Maine Department of Environmental Protection Small Community grant to replace a failing septic system at 36 Smart Road on July 2, 2024. After work commenced, it became apparent that additional work beyond the original scope of the project would be needed including tank replacement and additional earth work in a very constricted area of the property. This resulted in a change order for increased costs to accomplish the project.

Planning and Codes Coordinator Jennifer Cormier has verified that the change order increases would be approved by the State, keeping the project fully funded by the program and at no direct cost to Belfast taxpayers. The original approved total for the project was up to \$30,000.00 and the new total is expected to be \$39,850.00.

REQUESTED ACTION

At this time, I request that the City Council consider increasing the amount of funds to be administered through the Maine DEP Small Community grant program from \$30,000.00 to up to \$40,000 via account # G-1-2996-00 to facilitate a septic system replacement at 36 Smart Road.

10.E



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

MEMORANDUM

DATE: August 13, 2024

TO: Belfast Mayor and City Council, City Manager

FROM: Bub Fournier, Director of Planning and Codes Department

RE: Request by Planning and Codes Department Director to purchase new large format plotter that was funded through a Capital Improvement Project request

Background Information:

The Belfast Planning and Codes Department currently uses a Canon iPF 785 large format color printer (plotter) for scanning, printing and copying large documents including maps and plans for projects throughout the City. This printer was purchased around 2017. The plotter has served the Department very well, producing large format copies with very few service issues over the years.

The City has opted to forgo expensive 1-year warranties since the initial 1-year warranty expired. Having saved a considerable amount of money over the past few years in this way, the Department requested Capital Improvement Project support to replace the plotter this year before issues begin to arise.

Support for the replacement plotter in the final FY 2024-2025 fiscal year budget as a Capital Improvement Project represents the City's commitment to provide a high level of service for the Planning and Codes Department and ultimately development and planning in Belfast for the next several years. The replacement plotter will be a state of the art plotter that was quoted by long time service provider, Spiller's, located in Lewiston, Maine. The Canon imagePROGRAF™ series features improvements in ink stability, color calibration, speed, ease of use, environmental considerations and software upgrades. The new plotter comes with a 1-year warranty.

Requested Action: I request that the City Council authorize the purchase of a new plotter for the Planning and Codes Department as outlined in the Capital Improvement Project request. The total requested amount is \$10,720.00 and would come from account #670-603 Office Equipment Reserve.

Spiller's
 34 Lexington St.
 Lewiston, ME 04240
 Phone: 207-784-1571
 Fax: 207-784-8189



SALES QUOTATION

ORDER:	5075992
DATE:	10/19/2023
EXPIRES:	11/18/2023
ACCOUNT:	82003987
CONTACT:	Ali Naumann
PHONE:	207-338-1417
PAGE:	1 of 2

SOLD TO	SHIP TO
---------	---------

Belfast City Building
 131 Church St
 Belfast, ME 04915

Belfast Planning & Community Development
 131 Church St
 Belfast, ME 04915

CUSTOMER PO		TERMS	ENTERED BY		
Quote on new Canon TM 355		Net 15 days	Coby Asselin		
L	ITEMS	DESCRIPTION	QTY	NET PRICE	EXT PRICE
1	 CAN6244C008AA	Canon imagePROGRAF TM-355 MFP Z36	1 EA	\$10,490.00	\$10,490.00
2	ESPD5133NT	Power surge protector, 120V/15A, 1 pigtail + 2 recepticals	1 EA	\$235.00	\$235.00
3	 SPIXB36450UT	Xerographic Bond, untaped, 36x450', 20#, 3" core	2 RL	\$0.00	\$0.00
4	INS	INSTALLATION-EQUIPMENT	1 EA	\$300.00	\$300.00
5	 CAN2889C001AA	PFI-320MBK, ink cartridge, pigment matte black, 300ml	1 EA	\$139.00	\$139.00
6	 CAN2890C001AA	PFI-320BK, ink cartridge, pigment black, 300ml	1 EA	\$139.00	\$139.00
7	 CAN2893C001AA	PFI-320Y, ink cartridge, pigment yellow, 300ml	1 EA	\$139.00	\$139.00
8	 CAN2891C001AA	PFI-320C, ink cartridge, pigment cyan, 300ml	1 EA	\$139.00	\$139.00
9	CAN6269C001AA	Canon PFI-321M Magent Ink Tank	1 EA	\$139.00	\$139.00

ORDER NOTES: Canon Financial 1.99%
 60 mths-\$187.84+tax
 \$1.00 Buyout

ORDER NOTES: Canon trade up
 S.N # BAAS5669

Spiller's
 34 Lexington St.
 Lewiston, ME 04240
 Phone: 207-784-1571
 Fax: 207-784-8189



SALES QUOTATION

ORDER:	5075992
DATE:	10/19/2023
EXPIRES:	11/18/2023
ACCOUNT:	82003987
CONTACT:	Ali Naumann
PHONE:	207-338-1417
PAGE:	2 of 2

 Prices subject to change

 We look forward to serving you.

 Sales Tax Subject to Change

Subtotal: \$11,720.00
Freight: \$0.00
Trade-In Allowance: \$-1,000.00
Sales Tax: \$0.00

Total: \$10,720.00

X _____ Date _____

10.F



CITY OF BELFAST

City Hall
131 Church Street
Belfast, Maine 04915

Thomas Kittredge
Economic Development Director

E-mail: economicdevelopment@cityofbelfast.org
Phone: (207) 338-3370, extension 116

From: Thomas Kittredge, Economic Development Director

To: Mayor Eric Sanders, City Councilor Christopher Bitely, City Councilor Brenda Bonneville, City Councilor Paul Dean, City Councilor Neal Harkness, City Councilor Mary Mortier, Deputy City Manager Manda Cushman, and City Manager Erin Herbig

For: Belfast City Council Meeting of August 20th, 2024

Regarding: Request by the Economic Development Director to have the City Council authorize the submission of a Department of Homeland Security Civil Rights Evaluation Tool.

The City of Belfast learned in July that it had been awarded \$310,952.38 in funding through the Department of Homeland Security (DHS), Federal Emergency Management Agency's Assistance to Firefighters Grant Program. This funding, in conjunction with previously authorized City matching funds, will be used by the City of Belfast's Fire and Ambulance Departments to purchase and install/set up a number of self-contained breathing apparatus units (including airpacks and spare cylinders), 1 rapid intervention team pack, and 3 power lift systems. The City of Belfast is now in the process of meeting any and all remaining requirements for this grant so that the City can access these funds and implement its proposed project.

One of those remaining requirements is the completion and submission of a DHS Civil Rights Evaluation Tool. The tool is a data collection instrument and technical assistance tool to assist recipients of DHS financial assistance in understanding and meeting their existing requirements under civil rights laws and regulations. Specifically, recipients of financial assistance from DHS are required to comply with laws and regulations relating to nondiscrimination and nondiscriminatory use of federal funds. Entities receiving financial assistance must ensure they do not deny benefits or services, or otherwise discriminate in accordance with civil rights authorities and other related implementing regulations. In accepting an award of financial assistance from DHS, the recipient agrees to complete the tool and comply with the applicable laws and regulations set forth in the DHS Standard Terms and Conditions.

The tool consists of a number of questions pertaining to the City's history regarding complaints or lawsuits alleging discrimination, and regarding civil rights compliance reviews. The tool also requires the submission of copies of various documents, including: a statement affirming that staff have been designated to coordinate and carry out the responsibilities for compliance with civil rights laws, and a description of the responsibilities of any such staff; a nondiscrimination policy statement; a discrimination complaints process; a plan to ensure compliance in subrecipient programs; policy and procedures used to ensure nondiscrimination and equal opportunity for persons with disabilities to participate in and benefit from the recipient's programs and services; and policy and procedures regarding the requirement to provide meaningful access to programs and services to individuals with limited English proficiency. Currently, the City of Belfast does not have approved versions of one or more of these above documents; Human Resources Administrator Nancy Driscoll has drafted all of the required documents; if they are approved by the City Council it is anticipated that they will meet the requirements of the DHS Civil Rights Evaluation Tool.

At this time, the Economic Development Director requests that the City Council take the following actions:

- 1) approve all of the drafted documents that have been provided to you for this request; and**
- 2) authorize the submission of the completed Department of Homeland Security Civil Rights Evaluation Tool.**

1. There are no pending civil rights lawsuits or administrative complaints filed under federal law against the City of Belfast for employment or non-employment related that allege discrimination based on race, color, national origin, sex, age, or disability.

2. The City of Belfast has not been subject to a civil rights compliance review.

3-8 See attached documents



CITY OF BELFAST

131 Church St.
Belfast, Maine 04915

E-mail: submission@cityofbelfast.org

Tel: (207) 338-3370

Fax: (207) 338-6222

Civil Rights Nondiscrimination Designated Staff Coordinator

The Civil Rights Nondiscrimination designated staff Coordinator is responsible for compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments Act of 1972, the Age Discrimination Act of 1975, and 6 C.F.R. Part 19, including but not limited to processing discrimination complaints filed by program beneficiaries, responding to requests from the public for reasonable modifications from persons with disabilities, and coordinating the translation of documents and interpretation services to provide meaningful access to persons with limited English proficiency.

Responsibilities of Civil Rights Nondiscrimination Designated Staff Coordinator:

The Accessibility coordinator processes complaints, training staff on civil rights policies, responding to requests for reasonable accommodation, coordinating the translation of documents.

The Accessibility Staff Coordinator is responsible for overseeing recipient compliance activities related to Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and Title IX of the Education Amendments Act of 1972.

The Coordinator's responsibilities include overseeing the discrimination complaints process, developing and updating civil rights policies and procedures, processing requests for reasonable accommodations, coordinating the translation of vital documents and processing requests for language interpretation.



Homeland Security

POLICY AND NOTICE OF NONDISCRIMINATION

The City of Belfast complies with Federal civil rights laws and is committed to providing its programs and services without discrimination in accordance with:

- *Title VI of the Civil Rights Act of 1964*, which prohibits discrimination based on **race, color, or national origin** (including language).
- *Section 504 of the Rehabilitation Act of 1973*, which prohibits discrimination based on **disability**.
- *Title IX of the Education Amendments Act of 1972*, which prohibits discrimination based on **sex** in education programs or activities.
- *Age Discrimination Act of 1975*, which prohibits discrimination based on **age**.
- *U.S. Department of Homeland Security regulation 6 C.F.R. Part 19*, which prohibits discrimination based on **religion** in social service programs.

It is against the law for The City of Belfast to retaliate against anyone who takes action to oppose discrimination, files a grievance, or participates in the investigation of a grievance in accordance with the above authorities.

To File a Complaint

If you think that The City of Belfast has failed to provide these services or discriminated in another way based on race, color, national origin (including language), disability, sex, age, or religion, you can file a complaint in person or by mail, fax or email with:
submission@cityofbelfast.org.

You can also file a civil rights complaint with the U.S. Department of Homeland Security Office for Civil Rights and Civil Liberties (CRCL):

E-mail: CRCLCompliance@hq.dhs.gov (fastest method to submit your complaint)

Fax: 202-401-4708

U.S. Mail:

U.S. Department of Homeland Security
Office for Civil Rights and Civil Liberties
Compliance Branch, Mail Stop #0190
2707 Martin Luther King, Jr. Ave., SE
Washington, D.C. 20528

For additional information: www.dhs.gov/crcl
Phone: 202-401-1474 Toll-Free: 1-866-644-8360

Information and Services for Persons with Disabilities and Persons with Limited English Proficiency

City of Belfast

- Provides free aids and services, such as qualified sign language interpreters and written information in other formats (large print, audio, accessible electronic formats, etc.), to communicate effectively with persons with disabilities.
- Provides free language services, such as qualified foreign language interpreters and information written in other languages, to ensure meaningful access to programs and activities for persons with limited English proficiency.

If you need these services, please contact:
The City of Belfast Civil Rights Coordinator at
submission@cityofbelfast.org.



Homeland Security

NORMA Y NOTIFICACIÓN DE AVISO DE NO DISCRIMINACIÓN

City de la Belfast cumple con las leyes federales de derechos civiles y está comprometido a proporcionar programas y servicios libres de discriminación, de conformidad con:

- *Título VI de la Ley de Derechos Civiles de 1964*, que prohíbe la discriminación basada en la **raza, color, o nacionalidad** (incluido el **idioma**).
- *Artículo 504 de la Ley de Rehabilitación de 1973*, que prohíbe la discriminación basada en la **discapacidad**.
- *Título IX de la Ley de Enmiendas a la Educación de 1972*, que prohíbe la discriminación basada en el **sexo** en los programas o actividades educativos.
- *Ley de Discriminación por Edad de 1975*, que prohíbe la discriminación basada en la **edad**.
- *Normativa 6, Parte 19, del Código de Regulaciones Federales (C.F.R.) del Departamento de Seguridad de EE. UU.*, que prohíbe la discriminación basada en la **religión** en los programas de servicios sociales.

Es contrario a la ley que City of Belfast tome represalias contra cualquier persona que tome medidas para oponerse a la discriminación, presente una queja o participen la investigación de una queja de acuerdo con las autoridades anteriores.

Para presentar una queja

Si considera que City de la Belfast no ha proporcionado estos servicios, o ha discriminado de cualquier otra manera por motivos de raza, color, nacionalidad (incluido el idioma), discapacidad, sexo, o edad, puede presentar una queja en persona o por correo postal, fax o correo electrónico a: City de la Belfast, submission@cityofbelfast.org.

Asimismo, puede presentar una queja de derechos civiles ante la Oficina de Derechos Civiles y Libertades Civiles (CRCL) del Departamento de Seguridad Nacional de EE. UU.:

Correo electrónico:

CRCLCompliance@hq.dhs.gov (la forma más rápida de presentar su queja)

Fax: 202-401-4708

Correo postal de EE. UU.:

U.S. Department of Homeland Security
Office for Civil Rights and Civil Liberties
Compliance Branch, Mail Stop #0190
2707 Martin Luther King, Jr. Ave., SE
Washington, D.C. 20528

Para obtener más información: www.dhs.gov/crcl
Teléfono: 202-401-1474 Línea gratuita: 1-866-644-8360

Información y servicios para personas con discapacidades o con dominio limitado del inglés

City de la Belfast

- Ofrece asistencia y servicios gratuitos, como servicio profesional de intérpretes de lengua de señas, e información escrita en otros formatos (letra grande, audio, electrónico, etc.) para permitir una comunicación eficiente con personas con discapacidades.
- Ofrece servicio gratuito de idiomas, como servicio profesional de intérpretes de idiomas extranjeros e información escrita en otros idiomas, para garantizar el acceso satisfactorio a programas y actividades para personas con dominio limitado del inglés.

Si necesita estos servicios, comuníquese con:

City of Belfast Civil Rights Coordinator,
submission@cityofbelfast.org.



CHÍNH SÁCH VÀ THÔNG BÁO KHÔNG PHÂN BIỆT ĐỐI XỬ

City của Belfast tuân thủ các luật về quyền dân sự và cam kết không phân biệt đối xử khi cung cấp các chương trình và dịch vụ theo quy định tại:

- *Điều khoản VI của Sắc luật Quyền dân sự năm 1964* ngăn cấm phân biệt đối xử dựa trên **chủng tộc, màu da hoặc nguồn gốc quốc gia** (kể cả ngôn ngữ).
- *Mục 504 của Sắc luật Phục hồi năm 1973* ngăn cấm phân biệt đối xử dựa trên **tình trạng khuyết tật**.
- *Điều khoản IX của Sắc luật Sửa đổi giáo dục năm 1972* ngăn cấm phân biệt đối xử dựa trên **giới tính** trong các chương trình hoặc hoạt động giáo dục.
- *Sắc luật Phân biệt đối xử tuổi tác năm 1975* ngăn cấm phân biệt đối xử dựa trên **tuổi tác**.
- *Quy định 6 C.F.R. Phần 19 của Bộ An ninh Nội địa (DHS) Hoa Kỳ*, ngăn cấm phân biệt đối xử dựa trên **tôn giáo tín ngưỡng** trong các chương trình dịch vụ xã hội.

Việc City của Belfast trả đũa bất cứ ai có hành động chống lại sự phân biệt đối xử, nộp đơn khiếu nại hoặc tham gia điều tra khiếu nại theo quy định của các cơ quan trên là vi phạm pháp luật.

Nộp khiếu nại

Nếu quý vị cho rằng City của Belfast đã không cung cấp các dịch vụ này hoặc đã kỳ thị một cách khác dựa trên chủng tộc, màu da, nguồn gốc quốc gia (kể cả ngôn ngữ), tình trạng khuyết tật, giới tính, tuổi tác hay tôn giáo, quý vị có thể đến văn phòng nộp khiếu nại trực tiếp hoặc nộp qua đường bưu điện, fax hoặc thư điện tử (email) tới: City of Belfast Civil Rights Coordinator: submission@cityofbelfast.org.

Quý vị cũng có thể nộp khiếu nại về quyền dân sự với Văn phòng đặc trách Dân quyền và Tự do Dân sự (CRCL) của Bộ An ninh Nội địa Hoa Kỳ:

E-mail: CRCLCompliance@hq.dhs.gov

(cách nhanh nhất để nộp khiếu nại)

Fax: 202-401-4708

Qua đường bưu điện Mỹ:

U.S. Department of Homeland Security
Office for Civil Rights and Civil Liberties
Compliance Branch, Mail Stop #0190
2707 Martin Luther King, Jr Ave., SE

Để biết thêm thông tin: www.dhs.gov/crcl

Điện thoại: 202-401-1474 Miễn phí: 1-866-644-8360

Thông tin và dịch vụ dành cho người khuyết tật và người có trình độ Anh ngữ hạn chế

City của Belfast

- Giúp đỡ và cung cấp dịch vụ miễn phí, như là thông dịch viên ngôn ngữ ký hiệu có trình độ và thông tin bằng văn bản ở định dạng khác (khổ chữ lớn, băng ghi âm, định dạng truy cập qua đường điện tử được, v.v.) để truyền tải thông tin hữu hiệu đến người khuyết tật.
- Cung cấp các dịch vụ về ngôn ngữ miễn phí, như là thông dịch viên các ngôn ngữ nước ngoài có trình độ và thông tin viết bằng các ngôn ngữ khác, nhằm bảo đảm cho người có trình độ Anh ngữ hạn chế có thể đến với các chương trình và hoạt động dễ dàng.

Nếu quý vị cần các dịch vụ này, vui lòng liên hệ với:

City of Belfast Civil Rights Coordinator:
submission@cityofbelfast.org.



Homeland Security

POLITIQUE ET AVIS DE NON-DISCRIMINATION

Pour City de Belfast respecte les lois concernant les droits civils fédéraux, et s'engage à fournir ces programmes et services sans aucune discrimination et en conformité avec :

- *Le titre VI de la Loi sur les droits civils de 1964*, qui interdit toute discrimination en fonction de la **race, couleur de la peau, ou origine nationale** (y compris la langue).
- *L'article 504 de la Loi sur la réhabilitation de 1973*, qui interdit toute discrimination fondée sur **un handicap**.
- *Le titre IX de la Loi de 1972 concernant les Amendements sur l'éducation*, qui interdit toute discrimination fondée sur le **sexe** dans les programmes ou activités éducatives.
- *La Loi de 1975 sur la discrimination fondée sur l'âge*, qui interdit toute discrimination fondée sur **l'âge**.
- *La directive 6 C.F.R. Partie 19 émanant du Département américain de la sécurité intérieure*, qui interdit toute discrimination fondée sur la **religion** dans les programmes de services sociaux.

C'est illégal pour City de Belfast d'exercer des représailles contre quiconque prend des mesures pour s'opposer à la discrimination, dépose une plainte ou participe à l'enquête sur une plainte conformément aux autorités ci-dessus.

Pour porter plainte

Si vous estimez que City de Belfast n'a pas fourni ces services ou a effectué toute autre discrimination fondée sur la race, la couleur de la peau, l'origine nationale (y compris la langue), un handicap, le sexe, l'âge, ou la religion, vous pouvez porter plainte en personne ou par courrier, fax ou courriel auprès de :

submission@cityofbelfast.org .

Vous pouvez également porter plainte pour atteinte aux droits civils auprès du Département américain de la sécurité intérieure, bureau des Droits civils et des libertés publiques (CRCL) :

Courriel : CRCLCompliance@hq.dhs.gov (méthode la plus rapide pour porter plainte)

Fax : 202-401-4708

Par courrier :

U.S. Department of Homeland Security
Office for Civil Rights and Civil Liberties
Compliance Branch
Mail Stop #0190
2707 Martin Luther king, Jr Ave
Washington, D.C. 20528

Pour plus d'informations : www.dhs.gov/crcl

Tél. 202-401-1474 Numéro gratuit : 1-866-644-8360

Renseignements et services pour les personnes handicapées ou celles dont l'anglais n'est pas courant

City de Belfast

- Fournit du matériel et des services gratuits, comme l'accès à des interprètes en langue des signes et d'autres types de renseignements écrits (gros caractères, formats audio ou électroniques, etc.), pour communiquer efficacement avec les personnes handicapées.
- Fournit des services de langue gratuits, dont les prestations d'interprètes qualifiés en langues étrangères et des renseignements dans d'autres langues, afin d'assurer aux individus ne parlant pas couramment l'anglais le meilleur accès possible aux programmes et activités.

Si vous avez besoin de ces services, contactez :

City de Belfast Civil Rights Coordinator:
submission@cityofbelfast.org



Homeland Security

Reasonable Modification Policy and Procedure

The City of Belfast is committed to providing individuals with disabilities an equal opportunity to participate in and benefit from the City's programs, activities, and services. Individuals may request reasonable modifications from the City that they believe will enable them to have an equal opportunity to participate in our programs, activities, and services.

A reasonable modification is a change or modification to afford a qualified individual with a disability full enjoyment of the City's programs or activities, unless modifications of policies, practices, and procedures would fundamentally alter the nature of the program, service, or activity, or result in undue financial and administrative burdens to the City of Belfast.

The City of Belfast is committed to ensure compliance with section 504 of the Rehabilitation Act of 1973, as amended, "*prohibits discrimination on the basis of disability in programs and activities receiving federal financial assistance.*"

Under Section 504, the City is committed to ensure:

- **Program accessibility**, including by providing equal opportunity to access programs, services, and activities and delivering these in the most integrated settings appropriate to the individual's needs.
- **Physical access**, including by providing accessible entry for participation.
- **Effective communication**, including by providing auxiliary aids and services, giving primary consideration to the individual's preference regarding type of aid or service.
- **Reasonable accommodation**, including by conducting an interactive process with the individual to determine how best to meet their need.

A reasonable accommodation is a change or modification to afford a qualified individual with a disability full enjoyment of the recipient's programs or activities, unless modifications of policies, practices, and procedures would fundamentally alter the nature of the program, service, or activity, or result in undue financial and administrative burdens to the City.

Examples of how the City can provide reasonable accommodations include:

- Arranging for qualified sign language interpreters
- Providing remote conference captioning.
- Providing alternate formats of print materials in large print, or in electronic format.
- Furnishing a temporary ramp to access the areas with one or more stairs to ensure accessibility for individuals who have physical disabilities and may be using a wheelchair or walker.

Notice to Program Beneficiaries

The City of Belfast is committed to providing individuals with disabilities an equal opportunity to participate in and benefit from the City's programs, activities, and services.



Homeland Security

- Individuals may request reasonable accommodations from the City of Belfast that they believe will enable them to have such equal opportunity to participate in our programs, activities, and services.
- To request reasonable accommodations, contact the City of Belfast Civil Rights Coordinator, at submission@cityofbelfast.org. The timeframe for making the request should be 60 days prior to the program, activity, or service. Complete the Reasonable Accommodation Request Form and submit it via email to submission@cityofbelfast.org, or bring in-person to City Hall to the City Manager's Office at 131 Church Street.
- Other ways in which the recipient provides notice of the complaint process (e.g., posting information on the recipient's website (include link), facilities, or in program materials).
- Information on how the request process is accessible for persons with disabilities and persons with limited English proficiency (e.g., request forms available in alternative formats or in other languages, or upon request; telephonic or in-person interpreters; qualified bilingual staff).
- The requester is not responsible for the cost of the auxiliary aid or service provided by the City.

Accepting and Responding to Requests for Reasonable Modifications

The City of Belfast will accept and respond to requests for reasonable modifications from program beneficiaries and may include:

- The City of Belfast Civil Rights Coordinator is responsible for coordinating reasonable modification requests.
- The process for receipt and review of reasonable modification requests, includes:
 - Submission of Reasonable Accommodation Request Form to request reasonable modifications.
 - Review for determining whether to provide a requested modification, including consulting with the individual requesting the modification in an interactive process to determine what, if any, modification the City should provide.
 - The City allows for 60 days in responding and/or providing reasonable modifications.
 - If a requested modification cannot be provided immediately, an interim modification may be provided.
- The City of Belfast will arrange necessary resources when appropriate such as sign language interpreters.
- The City of Belfast will maintain the confidentiality of and appropriately secure any personally identifiable information (PII) in the requests for reasonable modifications to ensure that only those recipient employees with a need to know have the information.
- The City of Belfast will provide the approved reasonable modifications in future or ongoing interactions with the program beneficiary.



CITY OF BELFAST

131 Church St.
Belfast, Maine 04915

E-mail: submission@cityofbelfast.org

Tel: (207) 338-3370

Fax: (207) 338-6222

Notice Informing Individuals About Nondiscrimination and Accessibility Requirements

The City of Belfast complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability, or sex (including pregnancy, sexual orientation, and gender identity). The City of Belfast does not exclude people or treat them differently because of race, color, national origin, age, disability, or sex (including pregnancy, sexual orientation, and gender identity).

The City of Belfast:

- Provides free aids and services to people with disabilities to communicate effectively with us, such as:
 - Qualified sign language interpreters
 - Written information in other formats (large print, audio, accessible electronic formats, other formats)
- Provides free language services to people whose primary language is not English, such as:
 - Qualified interpreters
 - Information written in other languages
- If you need these services, contact the City of Belfast Civil Rights Coordinator.

If you believe that The City of Belfast has failed to provide these services or discriminated in another way on the basis of race, color, national origin, age, disability, or sex (including pregnancy, sexual orientation, and gender identity), you can file a grievance with:

- City of Belfast Civil Rights Coordinator
- submission@cityofbelfast.org
- 207-338-3370
- 207-338-2419 (fax)

You can file a grievance in person or by mail, fax (207-338-2419), or email (submission@cityofbelfast.org). If you need help filing a grievance, City of Belfast Civil Rights Coordinator is available to help you.

You can also file a civil rights complaint with the U.S. Department of Health and Human Services, Office for Civil Rights, electronically through the Office for Civil Rights Complaint Portal, available at <https://ocrportal.hhs.gov/ocr/portal/lobby.jsf>, or by mail or phone at:

U.S. Department of Health and Human Services
200 Independence Avenue, SW
Room 509F, HHH Building
Washington, D.C. 20201
1-800-368-1019, 800-537-7697 (TDD)
Complaint forms are available at <https://www.hhs.gov/ocr/complaints/index.html>



CITY OF BELFAST

131 Church St.
Belfast, Maine 04915

E-mail: submission@cityofbelfast.org

Tel: (207) 338-3370

Fax: (207) 338-6222

Reasonable Accommodation Request Form

The City of Belfast encourages use of this form by individuals requesting reasonable accommodation of a qualified disability.

Please direct any questions about completion of this form, including requests for alternative formats accessible to people with disabilities, to the City of Belfast Civil Rights Coordinator, the designated Reasonable Accommodations Coordinator at submission@cityofbelfast.org.

1. Name: _____ Date of Request: _____
2. Phone number: _____
3. Disability / Condition for which accommodation is requested: _____
4. Type of accommodation requested, if known. Be as specific as possible (e.g., large print, reader, interpreter) _____
5. Reason for request as it relates to being a barrier to a program, service, or activity: _____

If accommodation is sensitive, please explain: _____

For Administration Use Only

1. Date received: _____
2. Date confirmation sent to applicant: _____
3. Supplemental documentation provided: _____

Assessment:

1. Summary: _____

Signature: _____ Date: _____

Privacy Act Statement The Rehabilitation Act of 1973, 29 U.S.C., section 791, and Executive Order 13164 authorize collection of this information. The primary use of this information is to consider, decide, and implement requests for reasonable accommodation.

Filing a Civil Rights Complaint

If you believe that you have been discriminated against because of your race, color, national origin, disability, age, sex, or religion in programs or activities that the City of Belfast directly operates or to which the City of Belfast provides federal financial assistance, you may file a complaint at submission@cityofbelfast.org or with the Office of Civil Rights (OCR). You may file a complaint for yourself or for someone else.

Do you have a complaint about housing, law enforcement, labor, education or employment discrimination? OCR does not generally investigate these types of complaints. [Find other Federal civil rights agencies that can help you.](#)

NOTE: In accordance with the DHS Civil Rights Commission OCR is committed to handling your complaint as quickly as possible. However, for faster processing, we strongly encourage you to use the [OCR online portal](#) to file complaints rather than filing via mail, as our personnel on site is limited.

Complaint Process

Learn about the process of submitting a civil rights complaint.

File a Complaint Online

File your complaint electronically via the OCR Complaint Portal.

What to Expect

Find out the next steps after you have submitted your complaint to OCR.

Laws and Regulations Enforced by OCR

Nondiscrimination regulations and laws enforced by OCR.

How to File a Civil Rights Complaint

Complaint Requirements

Your complaint must:

- Be filed in writing by mail, fax, e-mail (submission@cityofbelfast.org), or via the OCR Complaint Portal.
- Name the or program, activity, or service involved, and describe the acts or omissions you believe violated civil rights laws or regulations.
- Be filed within 180 days of when you knew that the act or omission complained of occurred. OCR may extend the 180-day period if you can show "good cause"

File a Civil Rights Complaint Online

Open the OCR Complaint Portal and select the type of complaint you would like to file.

Complete as much information as possible, including:

- Information about you, the complainant
- Details of the complaint
- Any additional information that might help OCR when reviewing your complaint

You will then need to electronically sign the complaint and complete the consent form. After completing the consent form you will be able to print out a copy of your complaint to keep for your records

File a Civil Rights Complaint in Writing

NOTE: In accordance with the Office of the Department of Homeland Security and DHS's guidelines OCR is committed to handling your complaint as quickly as possible. However, for faster processing we strongly encourage you to use the OCR online portal to file complaints rather than filing via mail, as our personnel on site is limited.

File a Complaint Using the Civil Rights Discrimination Complaint Form Package

Open and fill out the Civil Rights Discrimination Complaint Form Package - PDF in PDF format. You will need Adobe Reader software to fill out the complaint and consent forms. You may either:

Content created by Office for Civil Rights (OCR)
Content last reviewed November 2, 2020

- Print and mail the completed complaint and consent forms to:
Centralized Case Management Operations
200 Independence Avenue, S.W.
Room 509F HHH Bldg.
Washington, D.C. 20201
- Email the completed complaint and consent forms to OCRComplaint@hhs.gov (Please note that communication by unencrypted email presents a risk that personally identifiable information contained in such an email, may be intercepted by unauthorized third parties)

File a Complaint without the Civil Rights Discrimination Complaint Form Package

If you prefer, you may submit a written complaint in your own format by either:

- Mail to
Centralized Case Management Operations
200 Independence Avenue, S.W.
Room 509F HHH Bldg.
Washington, D.C. 20201
- Email to OCRComplaint@hhs.gov

Be sure to include:

- Your name
- Full address
- Telephone numbers (include area code)
- E-mail address (if available)
- Name, full address and telephone number of the person, agency or organization you believe discriminated against you
- A brief description of what happened, including how, why, and when you believe your (or someone else's) civil rights were violated
- Any other relevant information
- Your signature and date of complaint
- The name of the person on whose behalf you are filing if you are filing a complaint for someone else

You may also include:

- Any special accommodations for us to communicate with you about this complaint
- Contact information for someone who can help us reach you if we cannot reach you directly
- If you have filed your complaint somewhere else and where you've filed

If you mail a complaint, be sure to send it to:

Centralized Case Management Operations
200 Independence Avenue, S.W.
Room 509F HHH Bldg.
Washington, D.C. 20201

You do not need to sign the complaint and consent forms when you submit them by email because submission by email represents your signature.

Language assistance services for OCR matters are available and provided free of charge. OCR services are accessible to persons with disabilities.

Filing Complaints with Other Agencies

If you have a complaint about housing, law enforcement, labor, education, or employment discrimination, OCR does not investigate these types of complaints. [Find out where to get help](#)

DEPARTMENT OF HOMELAND SECURITY
CIVIL RIGHTS COMPLAINT

OMB Control No. 1601-0035
Expiration Date: 08/31/2025

The purpose of this document is to assist you in filing a civil rights/civil liberties complaint with the Department of Homeland Security (DHS) Office for Civil Rights and Civil Liberties (CRCL) regarding DHS programs and activities. This document is not intended to be used for complaints about employment with DHS. You are not required to use this document to file a complaint; a letter with the same information is sufficient. If you file a complaint by letter, you should include the same information that is requested in this document. In general, providing as much information as possible to CRCL assists with investigating your allegations. However, none of the fields on the form is required, and CRCL will review whatever information you provide.

CRCL Mission:

The DHS Office for Civil Rights and Civil Liberties (CRCL) supports the Department of Homeland Security as it secures the nation while preserving individual liberty, fairness, and equality under the law. We investigate claims of civil rights and civil liberties abuses, to help DHS improve protections and programs.

Do you have a DHS civil rights or civil liberties complaint? If you believe that DHS personnel or a DHS program or activity has violated your rights, we want to hear from you. Fill out this document, or write us an email or letter.

This document is available in other languages at www.dhs.gov/file-civil-rights-complaint. Complaints are accepted in languages other than English. If you do not speak or write English, CRCL has access to interpreters and translators and can communicate with you in any language.

In connection with a DHS program, activity, or policy, have you experienced:

- Discrimination based on your race, ethnicity, national origin, religion, sex, sexual orientation, gender identity, or disability?
(Note: do not use this form to make a complaint about employment discrimination; see www.dhs.gov/filing-equal-employment-opportunity-eeo-complaint)
- Denial of meaningful access to DHS or DHS-supported programs, activities, or services due to limited English proficiency?
- Violation of your rights while in immigration detention or as a subject of immigration enforcement?
- Discrimination or inappropriate questioning related to entry into the United States?
- Violation of your right to due process, such as your right to timely notice of charges or access to your lawyer?
- Violation of the Violence Against Women Act's confidentiality requirements or immigration status-related confidentiality requirements?
- Physical abuse or any other type of abuse inflicted upon you?
- Any other civil rights or civil liberties violation related to a DHS program or activity, including discrimination by an organization or program that receives financial assistance from DHS?

Notes on Confidentiality and Anonymity:

- A) You may remain anonymous by not filling in your name below. However, CRCL may not be able to investigate your complaint unless you provide enough information to conduct an investigation.
- B) Disclosure of the information you provide, including your identity, is on a "need-to-know" basis, and is discussed in the Privacy Statement at the end of this document. **IF YOU CHECK THE BOX BELOW, WE WILL NOT DISCLOSE YOUR IDENTITY TO OTHER OFFICES, IN OR OUT OF DHS (unless it is necessary for investigation of criminal misconduct).** Note, however, that checking this box will in many situations make it very difficult or impossible for us to investigate the allegations you raise.

I do NOT want CRCL to disclose my name to other offices, and understand this decision will often make it impossible for an investigation to take place.

Note Prohibition Against Retaliation:

Federal law forbids retaliation or reprisal by any Federal employee against a person who makes a complaint or discloses information to CRCL. If you believe that you or someone else is a victim of such a reprisal, please contact CRCL immediately by email at CRCLCompliance@hq.dhs.gov or by phone at 866-644-8369, 866-644-8361 (TTY).

6. Have you contacted any other DHS component or other federal, state, or local government agency or court about this complaint?

Yes: Agency/Office/Court: _____ Date: _____

No

If so, has anyone responded to your complaint? Yes No

(If Yes, describe what has been done to respond to your complaint.)

7. Is there any other information you want us to know or consider?

Continue on an additional page, if needed.

8. If you are not proficient in English, please identify the language we should use to communicate with you.

Language: _____

9. If you have problems understanding this form or any other question, contact CRCL:

Email: CRCLCompliance@hq.dhs.gov

Phone: Local: 202-401-1474, or
Toll Free: 866-644-8360

TTY: Local TTY: 202-401-0470, or
Toll Free TTY: 866-644-8361

Fax: 202-401-4708

U.S. Postal Service:

Department of Homeland Security
Office for Civil Rights and Civil Liberties
Compliance Branch, Mail Stop #0190
2707 Martin Luther King Jr Ave SE

Washington, DC 20528-0190

Note: Because of security measures, it can take up to 4 weeks for us to receive U.S. mail.

10. To submit this form by email, please save, attach, and send to CRCLCompliance@hq.dhs.gov. Please attach or send all information that supports your complaint, such as documents, photos, medical records, grievances, or witness statements.

Submit copies, not originals; put your name and the date of this complaint on each document. (Fax to: 202-401-4708, or email scans of your documents to CRCLCompliance@hq.dhs.gov, or mail to the address listed above.)

Date this form was completed: _____

Keep a copy of this complaint for your records.

Privacy Act Statement

Authority: 6 U.S.C. § 345 and 42 U.S.C. § 2000ee-1 authorizes the collection of this information.

Purpose: The Department of Homeland Security (DHS) will use this information to review and investigate complaints and information from the public about possible violations of civil rights and/or civil liberties relating to DHS employees, programs, or activities.

Routine Uses: This information may be disclosed to and used by personnel and contractors within DHS who have a need to know the information in order to review your complaint. The DHS Office for Civil Rights and Civil Liberties (CRCL) may also share your information as necessary with appropriate government agencies outside of DHS or with non-government entities to address your complaint, or pursuant to its published Department of Homeland Security/ALL-029 Civil Rights and Civil Liberties Records System of Records.

Disclosure: Furnishing this information to CRCL is voluntary; however, failure to furnish the requested information may delay or prevent CRCL from adequately reviewing and investigating your complaint. If necessary, CRCL may also request additional information from you in order to determine the appropriate manner to address your concerns.

To learn more about the Privacy Act, go to www.dhs.gov/privacy.

Paperwork Reduction Act

The public reporting burden to complete this information collection is estimated at 1 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and the completing and reviewing the collected information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number and expiration date. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the DHS Office for Civil Rights and Civil Liberties, CRCLCompliance@hq.dhs.gov, ATTN: PRA 1601-NEW.

You may use the following pages to include additional information about your complaint if needed. Please specify which number(s) above you are continuing.

DEPARTMENT OF HOMELAND SECURITY
OFFICE FOR CIVIL RIGHTS AND CIVIL LIBERTIES
AUTHORIZATION TO RELEASE INFORMATION TO ANOTHER PERSON

Please complete this form to authorize the Department of Homeland Security (DHS) Office for Civil Rights and Civil Liberties (CRCL) to disclose information related to your concerns to another person. Fields marked with an asterisk (*) are mandatory. Completing this form is voluntary; neither DHS nor a third party can compel you to complete and submit this form. Your authorization is valid for 24 months following CRCL's completion of its review of your concerns.

SECTION I. Personal Information

*Full Name

*Address

*City

*State

*Zip Code

Country

Telephone Number(s)

Email Address (if any)

*Date of Birth

*Place of Birth (city, state, country)

Alien Registration Number (if applicable)

SECTION II. Representative Information

Name of Individual or Organization

Address

City

State

Zip Code

Country

Telephone Number(s)

Pursuant to the Privacy Act of 1974 (5 U.S.C. §552a(b)), I authorize DHS and/or DHS Component elements to release any and all information relating to complaints I have submitted to, or matters I have raised with, DHS.

Pursuant to 28 U.S.C. §1746, I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct, and that I am the person named above in Section I. I understand that falsification of this statement is punishable under the provisions of 18 U.S.C. §1001 by a fine of not more than \$10,000 or by imprisonment of not more than five years, or both.

Signature _____

Date _____

PRIVACY ACT STATEMENT:

AUTHORITY: 6 U.S.C § 345 and 42 U.S.C. § 2000ee-1 authorize DHS CRCL to review and assess information concerning abuses of civil rights, civil liberties, and profiling on the basis of race, ethnicity, or religion, by employees and officials of DHS.

PRINCIPAL PURPOSE(S): DHS may use the information it receives from individual complainants and public sources to address possible violations of civil rights and/or civil liberties relating to DHS employees, programs, or activities.

ROUTINE USE(S): DHS may share your information outside DHS under the routine uses listed in DHS/ALL-029 Civil Rights and Civil Liberties Records System of Records, 75 FR 39266 (July 8, 2010), for the purpose of processing the information you provide.

DISCLOSURE: Furnishing this information is voluntary.

What to Expect

How the City of Belfast and the OCR Investigates a Civil Rights Complaint

Once a complaint is received, the OCR coordinator determines if it has the legal authority to review and investigate the complaint. OCR coordinator has authority over:

- Recipients of Federal financial assistance from the Department of Homeland Security (DHS)
- Entities for which OCR has been designated enforcement responsibility by another agency

Once it is clear that OCR can handle your complaint, the investigator will gather information by:

- Interviewing witnesses, possibly including you
- Obtaining documentation
- Making visits to appropriate sites

What Happens After the Investigation

At the end of the investigation, OCR issues a letter presenting its decision on whether your rights have been violated.

If OCR determines your rights have been violated, the City agency that violated your rights is granted a specific time period to correct the violation or provide OCR with a plan of correction.

Corrective action may include:

- Changing a policy or procedure
- Providing a service
- Providing notice to clients that a recipient has taken steps to comply with a federal statute or regulation

If the entity is unwilling to take corrective action, OCR will recommend initiating enforcement proceedings. A final decision upholding a finding of a violation may result in the termination of Federal financial assistance to the recipient.

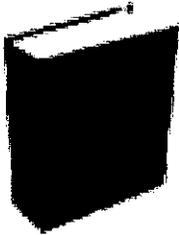
Federal Financial Assistance

Title VI regulations define the term “Federal financial assistance” broadly to include:

1. grants and loans of Federal funds,
2. the grant or donation of Federal property and interests in property,
3. the detail of Federal personnel,
4. the sale and lease of, and permission to use Federal property or interest in such property without consideration or at a nominal consideration, and
5. any Federal agreement, arrangement, or other contract which has as one of its purposes the provision of assistance. 45 C.F.R. § 80.13(f).

Thus, “Federal financial assistance” means assistance in the form of any grant, loan, or contract (other than a contract of insurance or guaranty). See 42 U.S.C. § 2000d-4. This includes use of equipment, donations of surplus property, and other forms of assistance.

Laws and Regulations Enforced by OCR



OCR enforces nondiscrimination regulations that apply to programs, services, and activities receiving DHS Federal financial assistance. We also enforce nondiscrimination provisions of other laws as they apply to programs and activities receiving DHS Federal financial assistance.

The following links are from the [GPO Access.gov](http://www.GPO.gov), unless otherwise noted. To learn more about Code of Federal Regulations (CFR) and United States Code (USC), please visit the Government Printing Office at www.GPO.gov.

Statutes and Regulations Enforced by OCR

- **Title VI of the Civil Rights Act of 1964**, as amended ([42 USC § 2000d](#)), prohibits discrimination on the basis of race, color, or national origin [45 CFR 80](#).
-
- **Section 504 of the Rehabilitation Act of 1973**, as amended ([29 USC § 794](#)), prohibits discrimination against otherwise qualified individuals on the basis of disability in:
 - Programs and activities receiving financial assistance from HHS [45 CFR 84](#);
 - Programs or activities conducted by HHS [45 CFR 85](#).
-
- **Title IX of the Education Amendments of 1972**, as amended, (20 USC § 1681) prohibits discrimination on the basis of sex (including pregnancy, sexual orientation, and gender identity) in Federally-Assisted Education Programs [45 CFR 86](#).
-

- **The Age Discrimination Act of 1975**, as amended (42 USC § 6101), prohibits discrimination on the basis of age in:
 - Programs or activities receiving Federal financial assistance. 45 CFR 90; and
 - Programs or services receiving HHS financial assistance 45 CFR 91.
-

- **Title II of the Americans with Disabilities Act**
 - 28 CFR Part 35: Nondiscrimination on the Basis of Disability in State and Local Government Services
 - 2010 ADA Standards for Accessible Design
-

- **Section 508 of the Rehabilitation Act of 1973**, as amended, (29 USC § 794(d)) prohibits discrimination on the basis of disability in electronic and information technology as they relate to programs and activities conducted by HHS. See the Accessibility Board 508 Homepage for more information.
- **Section 1808(c) of the Small Business Job Protection Act of 1996** (42 USC § 1996b) prohibits covered agencies and entities from discriminating on the basis of race, color and national origin in child placement decisions in adoption and foster care.
- **Sections 794 and 855 of the Public Health Service Act**, (42 USC §§ 295m - PDF and 296g) prohibits discrimination on the basis of sex (including pregnancy, sexual orientation, and gender identity) in Federally-Assisted Health Training Programs (45 CFR 83)
- **Section 508 of the Social Security Act** (42 USC § 708) prohibits discrimination on the basis of age, race, color, national origin, disability, religion, or sex (including pregnancy, sexual orientation, and gender identity) in the Maternal and Child Health Services Block Grant.
- **Section 533 of the Public Health Service Act** (42 USC § 290cc-33) prohibits discrimination on the basis of age, race, color, national origin, disability, religion, or sex (including pregnancy, sexual orientation, and gender identity) in Projects for Assistance in Transition from Homelessness.
- **Section 1908 of the Public Health Service Act** (42 USC § 300w-7 - PDF) prohibits discrimination on the basis of age, race, color, national origin, disability, religion, or sex (including pregnancy, sexual orientation, and gender identity) in programs, services, and activities funded by Preventative Health and Health Services Block Grants.
- **Section 1947 of the Public Health Service Act** prohibits discrimination on the basis of age, race, color, national origin, disability, religion, or sex (including pregnancy, sexual orientation, and gender identity) in programs

and activities funded by Community Mental Health Services Block Grant and Substance Abuse Prevention and Treatment Block Grants (42 USC § 300x-57).

- **The Family Violence Prevention and Services Act (42 USC § 10406)** prohibits discrimination on the basis of age, race, color, national origin, disability, religion, or sex (including pregnancy, sexual orientation, and gender identity) in programs and activities funded under this Act.
- **The Low-Income Home Energy Assistance Act of 1981 (42 USC § 8625)** prohibits discrimination on the basis of race, color, national origin, or sex (including pregnancy, sexual orientation, and gender identity) in programs and activities funded under this Act.
- **The Community Services Block Grant Act** prohibits discrimination on the basis of race, color, national origin, or sex (including pregnancy, sexual orientation, and gender identity) in programs and activities funded under this Act (42 USC § 9918).
- **The Communications Act of 1934 (47 USC § 398)**, as amended, has Equal employment Opportunity provisions that prohibit employment discrimination on the basis of race, color, religion, national origin, or sex (including pregnancy, sexual orientation, and gender identity) by Federally-funded public telecommunication entities.

10. H

TO: MANDA CUSHMAN, DEPUTY CITY MANAGER

FROM: AVIS WINCHESTER, E-911 ADDRESSING OFFICER

SUBJECT: REQUEST COUNCIL SANCTION OF A NEW PRIVATE ROAD

DATE: AUGUST 6, 2024

This request is presented to the Belfast City Council for official approval/sanction of the name "Pinecone Lane" which is a privately owned right of way to service two family members who plan on building homes on two lots to be split from parent, Robert A. Hughes III, to his children as part of Map 17 Lot 18 with the right of way going through Map 17 Lot 18-A, also owned by Robert A. Hughes III. One lot has already been split off and is Map 17 Lot 18-B. This lot is currently in the permit process in preparation for a double-wide home.

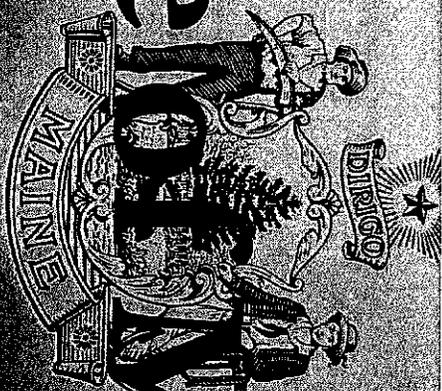
The related parties are requesting the right of way to be named Pinecone Lane. The private road begins along the southerly boundary of Map 17 Lot 18-A on Patterson Hill Road and extends to lot 18-B and to continue to a future lot to be split off Map 17 Lot 18.

Respectfully submitted,

Avis Winchester

Interim Assessor

State of Maine



In honor of all that
the Members of the Senate and
House of Representatives
join in recognizing

The City of Portland

which is celebrating its 250th Anniversary on June 21, 1907.
The record over congressional and local officials
and the official expression of sentiment
of the people of the State
Maine.

Printed and Published by
the State of Maine
August 1907