A. Recommendations

THAT Council receive Staff Report FAF.20.132, entitled “Provision of Support for Improving Connectivity for Ontario (ICON) Program”;

AND THAT Council endorses the Town of The Blue Mountains to be considered a Partner with Bruce Street Technologies application to the Improving Connectivity for Ontario (ICON) Program;

AND THAT Council authorize providing a Letter of Support to Bruce Street Technologies for their application to the Improving Connectivity for Ontario (ICON) Program;

AND THAT Council approves Bruce Street Technologies to include the Letter of Support in their application submission for the Improving Connectivity for Ontario (ICON) Program;

AND THAT Council direct staff to provide assistance and facilitation to the appropriate stakeholders in considering opportunities for enhanced irrigation including the Tender Fruit Industry within the Town of The Blue Mountains.

B. Overview

This report is being brought forward at a Special Meeting of Council due to the time sensitivity of the first intake of the Improving Connectivity for Ontario (ICON) Program being Friday August 21, 2020. In addition, the request for support from Bruce Street Technologies (Attachment 1) provides an opportunity that has the potential of providing enhanced Broadband Internet initially within a western rural area of the Town.

C. Background

The Town has been provided an opportunity to support an application being made by Bruce Street Technologies for the first intake of the ICON Grant. In order to complete the application,
Bruce Street Technologies requires a Letter of Support outlining Council’s endorsement (Attachment 2).

This opportunity has been realized through the good work being performed by the Town’s Rural Access to Broadband Internet Task Force (RABiT). The Task Force created a focused forum for this opportunity to be brought forward to and has quickly reacted to the request from Bruce Street Technologies.

Projects supported by the Improving Connectivity for Ontario (ICON) Program will achieve the following objectives:

- Increase the number of households and/or businesses connected to broadband and cellular services in areas of need, according to the Provincial Broadband map
- Provide broadband connectivity speeds of 50/10 or greater for end users
- Provide cellular access at the latest generally deployed mobile wireless technology (currently LTE)
- Build scalable infrastructure for future needs of users.

D. Analysis

The ICON grant opportunity is outlined in Attachment 3 of this report. The focus of this ICON grant submission is primarily focused on the supply of High-Speed Broadband Internet in the rural area of the Town between Grey Road 13 and Grey Road 2 and Grey Road 40 and Grey Road 119. This area is considered a Phase 1 of potential projects within the Town.

Stage 1

Applications submitted under the ICON program will be assessed against the following pass/fail criteria:

- The project is located in an area of need;
- At least one applicant on a proposal has a minimum of three years of experience building, owning, servicing and/or operating broadband or cellular infrastructure;
- The technology meets specified speed and/or capacity targets;
- The percentage of provincial support required does not exceed 25% of total eligible project costs; and
- There is local support for improving connectivity in the project area.

Stage 2

The second stage of the application process will evaluate applications based on:
The ability to provide cost-effective access to households and/or businesses relative to the total amount of ICON funding requested;

Effectively leveraging other sources of public sector funding, if required;

The overall project cost in relation to technologies and operational planning;

How the project design meets community needs and accounts for unique community characteristics;

Affordability to end users in relation to nearest large urban centre; and

Other strategic considerations of the ICON program.

As presented in Attachment 1, Bruce Street Technologies will be the Lead Applicant for this application. The list of eligible applicants is outlined in Attachment 3 of this report:

**Eligible Applicants**

An applicant must be one of the following to be considered eligible for funding:

1. A not-for-profit or for-profit entity that is incorporated in Canada,

2. An Ontario municipal entity, or


Bruce Street Technologies meets the requirements as a “for-profit entity that is incorporated in Canada”.

Applications that have more than one entity responsible for the project must identify the Lead Applicant and all Project Partners. The Lead Applicant must be the primary contact on the ICON program application and is expected to serve as the funding agreement signatory if the application is approved for funding.

Project Partners are not required to contribute financially to the project in order to be listed as such. However, either the Lead Applicant or one of the Project Partners must have a minimum of three years experience in building, owning, servicing and/or operating broadband and/or cellular infrastructure in Canada.

Applications must include evidence of local support for increased broadband and/or cellular access in the proposed project area even if a municipal entity or Band Council is the applicant.

**Additional Opportunity with Agricultural Community**

In addition to the opportunity to provide Broadband Internet, discussions with Bruce Street Technologies has also brought forward the potential for enhancing irrigation for agricultural lands within the Town.
This opportunity considers the ability to pump water from the Beaver River near the Grey Road 13 and 21st Sideroad area during seasonal highwater times to fill existing and future irrigation ponds.

At this stage, the Town’s involvement in both projects is to consider the viability of these projects and assist with coordinating with the appropriate Ministries and Agencies on required permits and approvals.

The Town’s Agricultural Advisory Committee has not been involved at this point as discussions with potential partners has been limited and the timing of this request and the deadline for the 1st Intake application submissions as not provided an appropriate time to meet with the Agricultural Advisory Committee. However, this opportunity will be included in a future agenda of the Agricultural Advisory Committee pending the outcome of this report.

E. The Blue Mountains Strategic Plan

Goal #1: Create Opportunities for Sustainability
Objective #1 Retain Existing Business
Objective #2 Attract New Business
Objective #3 Promote a Diversified Economy
Objective #4 Support Value-Added Agriculture and Culinary Tourism
Objective #5 Improved Visibility and Local Identity

Goal #2: Engage Our Communities & Partners
Objective #1 Improve External Communication with our Constituents
Objective #2 Use Technology to Advance Engagement
Objective #3 Strengthen Partnerships

Goal #3: Support Healthy Lifestyles
Objective #1 Promote the Town as a Healthy Community
Objective #2 Increase the Range of Housing Choices and Promote Housing Affordability
Objective #3 Manage Growth and Promote Smart Growth
Objective #4 Commit to Sustainability

Goal #4: Promote a Culture of Organizational & Operational Excellence
Objective #1 To Be an Employer of Choice
Objective #2 Improve Internal Communications Across our Organization
Objective #3 To Consistently Deliver Excellent Customer Service
Objective #4 To Be a Financially Responsible Organization
Objective #5 Constantly Identify Opportunities to Improve Efficiencies and Effectiveness

Goal #5: Ensure Our Infrastructure is Sustainable
Objective #1 Develop a Long-Term Asset Management Plan for the Maintenance, Renewal and Replacement of Existing Infrastructure
Objective #2 Avoid Unexpected Infrastructure Failure and Associated Costs and Liability
Objective #3 Implement Best Practices in Sustainable Infrastructure
Objective #4  Ensure that Infrastructure is Available to Support Development

F.  Environmental Impacts

The provision of Rural Broadband High Speed Internet to our community and the potential of working with local Fruit Grower Stakeholders to enhance rural irrigation supports strong sustainable agricultural practices.

G.  Financial Impact

No funding is required at this point for either opportunity.

H.  In consultation with

Deputy Mayor Rob Potter

Councillor Rob Sampson

Ruth Prince, Director of Financial and IT Services

I.  Public Engagement

The topic of this Staff Report has not been subject to a Public Meeting and/or a Public Information Centre as neither a Public Meeting nor a Public Information Centre are required.

J.  Attached

1.  Bruce Street Technologies Request Letter

2.  Letter of Support

3.  ICON Grant Guidelines

Respectfully Submitted,

Shawn Everitt
Chief Administrative Officer

For more information, please contact:
ca@thebluemountains.ca
519-599-3131 extension 234
It is with great pleasure that I submit the following information summarizing my proposal for an application for Stage 1 of the ICON program, to improve rural internet access in our municipality. I am formally asking the Town to endorse and support this project and to work with me in this application.

Founded in 2004, Bruce Street Technologies Limited (BST Limited) has also been a local option and provider of rural, high speed Internet Access in the Town of Blue Mountains since 2007. BST Limited is CRTC registered and has assignments of both IPv4 and IPv6 addresses from ARIN. We grew up in these rural regions and our staff still live in the rural areas. As a result, we are aware of the somewhat unique requirements of the residents of the area and the challenges of providing quality services in a non-urban environment.

Our wireless service area currently extends to the areas immediately south of the communities of Meaford, Thornbury and the Town of the Blue Mountains, but we are always exploring opportunities to expand and improve our coverage area. We strive to bridge the rural and urban connectivity gap by continually upgrading our systems in a desire to match products with the urban providers. And to date, we have done so without grants or government subsidies of any kind by being innovative and creative and working closely with community partners.

Accordingly, after many years of specializing in servicing our rural areas, we were able to expand our offering and are now able to provide wired high speed internet to any area that is currently being serviced by Cable or DSL. We are proud to be able to combine superior local customer service with competitive rates against the major telco’s.

Most recently, we have entered the rural fibre internet service arena. Rural areas, particularly the last mile residents, have often struggled to achieve any reliable internet service, let alone the CRTC goal of 50Mbps down / 10Mbps up speeds with unlimited data. While our rural wireless solutions offer viable alternatives, the major providers either cannot, or will not, invest in high speed solutions for rural communities. BSTL has stepped up and has already completed two small, proof-of-concept rural fibre projects in the
municipality of the Town of The Blue Mountains and for the first time, many residents are enjoying high speed internet service that rival, and in some cases, surpasses their urban neighbors. And we have done so while also offering unlimited data packages and access fees consistent with the urban centres.

Covid-19 has further illustrated the disparity between rural and urban connectivity. More people and rural businesses are working, learning and being entertained at home than ever before and require a fast and dependable internet service to keep up.

BST Limited is excited about the prospect of partnering with The Town of The Blue Mountains to expand, offer and provide fiber optic and enhanced wireless high speed services to those in need in our rural areas.

Sincerely,

Blair Almond, MBA
President/CEO
Bruce Street Technologies Limited
1. Project Area

The subject area for this phase of the build will be an area of approximately 30km². The outside boundaries will be Grey Rd 2, Grey Rd 13 and Grey Rd 119. The proposal will install conduit and fiber optic cable to properties within these boundaries along 24th Sideroad, 21st Sideroad and 18th Sideroad intersected by the 10th Line. Current parcel density is 4.8/km².

The initial Project Area and nature of the solution allows and encourages future phases of growth to the rest of the municipality and to neighbouring municipalities if desired.

2. Backbone Infrastructure

BST Limited currently maintains a 750Mbps PoP within the Project Area fed through an Enterprise Level Duplex Wireless connection from an existing Fiber Optic Internet Gateway in Ravenna. A new 1Gbps service is already in the process of being provisioned to supplement the existing 1Gbps service currently in use by our wireless clients. As demand warrants, the wireless link will be upgraded to utilize the full 1Gbps capacity of the gateway.

This project will result in approximately 21km of unserviced roads having fiber optic backbone cable being installed for use by the current 144 properties along the project path.

3. Last Mile

The proposed project will connect the Backbone infrastructure at the existing PoP to current and future properties by fiber optic cable installed in conduit within the Project Area. While suitable wireless options are available and are in use at some of these properties, the topology and vegetation patterns of the area create many areas difficult to serve. A fibre optic solution ensures that each property has equal and equitable access.

Consistent with our existing packages, minimum service packages will begin at 50Mbps down and 25 Mbps up with unlimited data transfer and static IP address. Subject to Internet gateway availability, the existing and proposed solution is capable of being scaled to speeds of 2.5Gbps down and 1.25Gbps up ensuring the long-term viability of the investment.
Date: August 20, 2020

**RE: Improving Connectivity for Ontario (ICON) Program**

I am pleased to provide this Letter of Support for Bruce Street Technologies and to be considered a partner on your application to the Improving Connectivity for Ontario (ICON) Program.

As you know, the Town of The Blue Mountains has established the Rural Access to Broadband Internet Task Force that has a focus on streamlining the process to provide access to an enhanced level of rural internet.

The timing of your request and the opportunity for you to apply to the Improving Connectivity for Ontario Program provides an exciting opportunity to help realize the Town’s desire to help our rural community.

The Improving Connectivity for Ontario (ICON) Program promotes industry partnerships to encourage solutions that leverage investments across sectors in order to meet the connectivity needs of communities that do not have adequate access to connection speeds of at least 50 Megabits per second (Mbps) download and 10 Mbps upload (50/10). We believe that your proposed project is totally aligned with the programs scope and mandate.

The Town of The Blue Mountains supports your project and is supported by the following Improving Connectivity for Ontario (ICON) Program objectives:

- Increase the number of households and/or businesses connected to broadband and cellular services in areas of need, according to the Provincial Broadband map
- Provide broadband connectivity speeds of 50/10 or greater for end users
- Provide cellular access at the latest generally deployed mobile wireless technology (currently LTE)
- Build scalable infrastructure for future needs of users.

In addition to the Improving Connectivity for Ontario (ICON) Program application, the Town is very excited to continue to work with Bruce Street Technologies and our local Fruit Growers in
considering how the implementation of Fibre Internet can be performed in tandem with installing a waterline to allow seasonal highwater level water taking from the Beaver River for an enhanced irrigation system for the agricultural area and the tender fruit industry in the Town of The Blue Mountains.

The Town encourages creative and strong partnerships throughout our community and region, and the Town of The Blue Mountains Council recognizes your request and provides support and looks forward to working with you and its partners in the future.

Yours Truly,

Mayor Alar Soever
Town of The Blue Mountains
Improving Connectivity for Ontario (ICON) Program

STAGE 1 PROGRAM GUIDELINES

RELEASED: July 9, 2020

For alternate format, please contact ICONprogram@ontario.ca
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1. PROGRAM OVERVIEW

1.1 Background and Objectives

According to the Canadian Radio-Television and Telecommunications Commission ("CRTC") approximately 12 per cent of Ontarians lack access to broadband services that meet the CRTC’s minimum service standards.

The high cost of infrastructure deployment and low expected revenue in some areas deters private sector investment from providing these services. These communities have fewer choices for service providers, typically at higher costs, and with lower speeds than high density, urban counterparts.

The Province of Ontario will support the expansion of broadband and cellular infrastructure in Ontario by investing $150 million over four years through the Improving Connectivity for Ontario ("ICON") program. The ICON program is part of Up to Speed: Ontario’s Broadband and Cellular Action Plan, which outlines the strategy to expand access to broadband and cellular connectivity in identified areas of need.

The ICON program will promote industry partnerships to encourage solutions that leverage investments across sectors in order to meet the connectivity needs of communities that do not have adequate access to connection speeds of at least 50 Megabits per second ("Mbps") download and 10 Mbps upload (50/10).

The ICON program will also support Cellular Projects (e.g. mobile wireless) that provide end-users with the ability to access voice and data applications while being mobile, using the latest generally deployed mobile wireless technology (currently long-term evolution or LTE) in the geographic area that the project proposes to serve.

Projects supported by the ICON program will achieve the following objectives:

- Increase the number of Households and/or businesses connected to broadband and cellular services in areas of need, according to the Provincial Broadband map.

- Provide broadband connectivity speeds of 50/10 or greater for end users.

- Provide cellular access at the latest generally deployed mobile wireless technology (currently LTE).

- Build Scalable infrastructure for future needs of users.

The ICON program is a discretionary, application-based funding program. Applications will be evaluated based on their ability to cost-effectively achieve program objectives.

NOTE: capitalized terms in this guide have the meaning that is set out in Appendix 1.

1.2 Application Process
Applying for program funding can be a resource-intensive process, particularly for complex, multi-partner infrastructure projects.

The ICON program will use a two-stage application process. Stage 1 will determine if a proposed project meets minimum program requirements. If so, the application proceeds to Stage 2 for a more detailed assessment of the project.

**Stage 1**

Applications submitted under the ICON program will be assessed against the following pass/fail criteria (see Section 3 for more details):

- The project is located in an area of need;
- At least one applicant on a proposal has a minimum of three years of experience building, owning, servicing and/or operating broadband or cellular infrastructure;
- The technology meets specified speed and/or capacity targets;
- The percentage of provincial support required does not exceed 25 per cent of total eligible project costs; and
- There is local support for improving connectivity in the project area.

**Stage 2**

The second stage of the application process will evaluate applications based on:

- Their ability to provide cost-effective access to Households and/or businesses relative to the total amount of ICON funding requested;
- Effectively leveraging other sources of public sector funding, if required;
- The overall project cost in relation to technologies and operational planning;
- How the project design meets community needs and accounts for unique community characteristics;
- Affordability to end-users in relation to nearest large urban centre; and
- Other strategic considerations of the ICON program.

**Intake Periods**

The ICON program will have two intake periods.

It is up to applicants to determine in which intake they may wish to participate. For example, applicants who may already have scoped their projects and are ready to
proceed may wish to participate in the first intake. Projects that require more time to plan can instead participate in the second intake.

However, applicants must meet all application deadlines in order to be considered for funding. If an applicant fails to meet deadlines for the first intake, they may be deferred to the second intake.

The tables below show key dates for each of the intake periods. Dates for the second intake will be modified after stage 1 of the first intake is complete.

**First Intake**
- July 9, 2020 – Intake opens.
- August 21, 2020 – Deadline for Stage 1 applications.
- September 25, 2020 – All Stage 1 assessments complete and applicants notified.
- November 28, 2020 – Deadline to submit Stage 2 application for initial completeness review.
- January 15, 2021 – Deadline to complete Stage 2 application clarifications and updates.
- April 2, 2021 – Stage 2 assessment complete, applicants notified, and funding offers issued to successful applicants.

**Second Intake**
- Early winter 2020-21 – Deadline for Stage 1 applications.
- Late winter 2020-21 – All Stage 1 assessments complete and applicants notified.
- Late summer 2021 – Deadline to submit Stage 2 application for initial completeness review.
- Mid-fall 2021 – Deadline for completing Stage 2 application clarifications and updates.
- Early spring 2022 – Stage 2 assessment complete, applicants notified, and funding offers issued to successful applicants.
2. ELIGIBILITY

2.1 Eligible Applicants

An applicant must be one of the following to be considered eligible for funding:

1. A not-for-profit or for-profit entity that is incorporated in Canada,
2. An Ontario municipal entity, or

Applications that have more than one entity responsible for the project must identify the lead applicant and all Project Partners. The lead applicant must be the primary contact on the ICON program application and is expected to serve as the funding agreement signatory if the application is approved for funding.

Project Partners are not required to contribute financially to the project in order to be listed as such. However, either the lead applicant or one of the Project Partners must have a minimum of three years experience in building, owning, servicing and/or operating broadband and/or cellular infrastructure in Canada.

Applications must include evidence of local support of increased broadband and/or cellular access in the proposed project area even if a municipal entity or Band Council is an applicant.

While not a pass / fail criterion, applicants must also submit letters of intent from each of the other Project Partners as part of the Stage 1 application to describe their respective roles in the project and confirm their intent to provide financial, in-kind, or other support to the project.

2.2 Eligible Projects

The types of projects that are eligible for funding under the ICON program are listed below. An application may contain any combination of project types and may span multiple geographic areas.

An applicant may submit more than one application, but, the project areas in each application cannot overlap.

An application cannot depend on the completion of other projects in order to proceed.

**Last-mile**

- The final leg in connecting homes, businesses and other institutions to a high-speed network connection. This involves connecting a community to a Point-of-Presence (“PoP”) by upgrading existing assets or introducing new network infrastructure.
• Last-mile projects must deliver minimum speeds of 50/10 to Households and businesses and include no data usage caps. Projects that propose speeds slower than 50/10 for end users must demonstrate the ability to provide 50/10 within five years of project completion.

**Backbone**

• A network connection that transports data traffic from one PoP to another or from a PoP to a location that contains the Internet Gateway. These projects enable internet connectivity for fixed infrastructure in areas of need. These projects must identify how they will enable Households and businesses to connect to speeds of 50/10.

• New Backbone infrastructure and upgrades to existing Backbone infrastructure are both eligible.

**Cellular**

• Provides mobile connectivity to communities and/or along Major Transportation Roads. These projects increase the number of kilometers of road covered and the number of Households and businesses able to access mobile/wireless services. This is achieved by increasing the number of cellular towers in a targeted area or increasing the capacity of existing towers to provide access to increased users within the current line-of-sight.

• Provides access to the latest cellular technology with LTE as the minimum service level.

• Eligible project areas will be based on the latest data provided by Innovation, Science and Economic Development Canada (“ISED”).

**Satellite**

• Provides or upgrades broadband services in communities that are satellite-dependent.

• Satellite projects must deliver minimum speeds of 50/10 to Households and businesses with no data usage caps. Projects that propose speeds slower than 50/10 for end users must demonstrate the ability to provide 50/10 within five years of project completion.

• Eligible project areas will be based on the provincial map using data provided by ISED.

**2.3 Eligible Funding**
The ICON program may contribute up to a maximum of 25 per cent of total eligible project costs. Applicants are encouraged to seek other sources of funding when appropriate. This could include financial assistance (grants, forgivable loans, etc.) from all levels of government and private-sector partners.

Other funding conditions:

- The Ministry will conduct a financial assessment to determine if a project is commercially viable within a five-year period without provincial government funding.
- Applicants will be required to provide detailed financial information in Stage 2 of the application process.
- The Ministry may determine that an application should be approved but at a funding level lower than the amount requested in the application. Applicants will be provided a clear description of the Ministry’s determination at the time of funding offer.
- Successful applicants will be required to execute a funding agreement on terms and conditions that are satisfactory to the Ministry. After executing a funding agreement, the total funding offered will be final.
- Once a funding agreement is executed, recipients will receive funding based on milestone payments in accordance with the project budget. Funds will cover costs incurred as evidenced by the completion of deliverables associated with each milestone.
- Recipients will be responsible for satisfying all terms and conditions set out in the funding agreement, including reporting requirements, and submitting independently audited financial statements upon project completion to receive the final funding disbursement.

2.4 Eligible Project Areas

Current access to broadband at 50/10 and Cellular at LTE will be determined using publicly available ISED data.

ISED provides detailed broadband availability data (‘pseudo-household’ data) for all roads in Ontario. The data shows service levels from 0 to 50/10 Mbps in 250 metre segments for all populated areas of the province. This data will be used to determine current internet service levels within the proposed project area.

Project areas that have already been awarded provincial funding to provide 50/10 or LTE connectivity are ineligible for ICON funding for the same connectivity type.

2.5 Eligible Costs
Eligible project costs must be directly attributable to the project and must be incurred and paid after the funding agreement effective date and up to the Project Completion Date. A list of eligible and ineligible cost categories can be found in Appendix 2 for reference only. A final determination of eligible and/or ineligible costs will be at the discretion of the Ministry and released with Stage 2 program guidelines.

Eligible project costs are cash outlays, net of all applicable HST, that must be documented through invoices, receipts, or grant recipient records acceptable to Ontario and are subject to verification by an independent auditor. Evidence of payment must be maintained for audit purposes.
3. EVALUATION

3.1 Stage 1 Evaluation

Applications must meet all Stage 1 minimum requirements before proceeding to Stage 2. These requirements will be assessed as pass or fail. If a Stage 1 application fails on any of the minimum requirements, the application will be deemed ineligible and will not be invited to proceed to Stage 2.

The following table describes the minimum requirements for Stage 1.

**STAGE ONE ASSESSMENT MATRIX**

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Description</th>
<th>Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Located in an area of need.</td>
<td>ISED pseudo-household data will be used to determine the current extent of 50/10 broadband service levels for the proposed operating area of the project. ISED data will be used to determine the current extend of LTE access for the proposed operating area of the project. Applicants will be required to submit details of their proposed project area. Applicants may use either the ICON Map Tool to create an image of their proposed project area or the National Broadband Internet Service Availability Map from ISED to generate a mappable file. A list of project area ID numbers is also acceptable.</td>
<td>Shapefile or image of the project area, or a list of project area ID numbers.</td>
</tr>
<tr>
<td>Have minimum experience in connectivity infrastructure.</td>
<td>At least one Project Partner must have a minimum of three years experience in building, owning, servicing and/or operating broadband and/or cellular infrastructure in Canada.</td>
<td>Complete Section G of the Stage 1 Application Form.</td>
</tr>
<tr>
<td>Technology meets speed and/or capacity targets.</td>
<td>Projects must deliver minimum speeds of 50/10 to Households and businesses and include no monthly data usage caps. Projects that propose speeds slower than 50/10 for end users must demonstrate the ability to provide 50/10 within five years of project completion. Cellular Projects that propose service levels below LTE must how the project will reach LTE service within five years of project completion.</td>
<td>Complete Section G of the Stage 1 Application Form.</td>
</tr>
</tbody>
</table>
### Criteria Description Verification

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Description</th>
<th>Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICON funding request does not exceed 25 per cent of total eligible project costs.</td>
<td>The ICON program will provide up to 25 per cent of funding to projects for eligible costs. Projects that require more than 25 per cent of funding to be provided by the Province will be deemed ineligible.</td>
<td>Complete Section E and of the Stage 1 Application Form and the Estimated Budget template as part of Stage 1 application.</td>
</tr>
<tr>
<td>Local Support for improved connectivity.</td>
<td>Evidence of local support for improved connectivity must be provided with the Stage 1 application. In project areas where there are municipal entities or Band Councils, this evidence can take the form of a letter, council resolution, or other formal communication to the applicant. For unrecognized areas of the province, evidence of local support should be sought from Local Road Boards, Local Service Boards, or District Social Service Administration Boards in the form of a letter or other formal communication to the applicant.</td>
<td>Letter, council resolution or other formal communication that demonstrates support for improved connectivity.</td>
</tr>
</tbody>
</table>

### 3.2 Stage 2 Evaluation

The table below describes the evaluation criteria that the Ministry is currently considering for Stage 2 Evaluation. However, the Stage 2 evaluation criteria are still under development and the criteria below are subject to change.

Applications will be assessed based on seven criteria and will be evaluated based on the following definitions:

- **Primary**: Criteria that will be given the most weight and will determine if there is a need for government funding.

- **Secondary**: Criteria that will be given significant weight and will determine which projects align better with ICON program objectives over others.

- **Tertiary**: Criteria that will focus on strategic considerations when evaluating successful applicants.

**STAGE TWO ASSESSMENT MATRIX**
<table>
<thead>
<tr>
<th>Criteria</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Cost (Primary)</td>
<td>Projects will be evaluated on the overall project cost in relation to the technologies used and their operational plans.</td>
</tr>
<tr>
<td>Project Design (Primary)</td>
<td>Projects will be evaluated on how the project design meets community needs and accounts for unique community characteristics, which may include geography, topography, existing technologies, and the spatial presence of Households and businesses that may be served.</td>
</tr>
<tr>
<td>Funding Reach (Secondary)</td>
<td>Projects will be assessed based on the number of new connections that are made possible relative to the amount of program funding requested.</td>
</tr>
<tr>
<td></td>
<td>Broadband Projects will be evaluated on the total number of Households and businesses impacted relative to provincial funding requested. Cellular Projects will be evaluated on the number of Households within the project area relative to provincial funding requested. Where applicable, evaluation will consider the kilometres of roads in serviced in the project area relative to provincial funding requested.</td>
</tr>
<tr>
<td>Partnerships (Secondary)</td>
<td>Projects will be evaluated on how they leverage other sources of public sector funding to make the project more economical (i.e., lower project costs) or to provide better outcomes. This criterion will not apply to projects that require provincial funding as its sole source of public funding.</td>
</tr>
<tr>
<td>Project Performance (Secondary)</td>
<td>Projects will be evaluated on relative improvement of connectivity in the project area.</td>
</tr>
<tr>
<td></td>
<td>Broadband Projects will be measured in accordance to the 50/10 national minimum service standard. Cellular Projects will be measured in the percentage change in coverage with LTE as a minimum service level.</td>
</tr>
<tr>
<td>Service Affordability (Tertiary)</td>
<td>Projects will be evaluated based on a comparison of expected service prices for customers to similar costs in urban centres for a minimum five-year duration after project completion.</td>
</tr>
<tr>
<td>Strategic Considerations (Tertiary)</td>
<td>Additional consideration will be given to projects that:</td>
</tr>
<tr>
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<td>• are in northern areas or located in First Nation communities;</td>
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<tr>
<td>Criteria</td>
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| • involve multiple municipal entities, First Nations and/or community organizations;  
• contribute to economic opportunities; or  
• increase connections to existing anchor institutions within the project area. | The Stage 2 evaluation will rely on following documents submitted by applicants:  
• Spread sheets: pro forma summary, detailed budget, equipment detail list, Anchor Institute and Household spreadsheet.  
• Project Gantt chart.  
• Three years of audited financial statements.  
• Evidence of local support for the project.  
• Logic network diagrams.  
• Current network in project area – submitted in KML, Shapefile, geoJSON, CSV, .lyrx, .gdb, or GPX formats. |
4. STAGE 1 ASSESSMENT AND NOTIFICATION

4.1 Communication with Applicants

Contact between the Ministry and applicants will be limited to ensure fairness and transparency.

All inquiries during the application intake periods must be sent to ICONprogram@ontario.ca. The Ministry endeavor to respond within 24 hours. The Ministry will not provide any advice or feedback on proposed projects or information on the status of individual application assessments. However, it can respond to inquiries that seek clarification on the application form and the overall ICON application process.

4.2 Notification of Stage 1 Assessment Results

All Stage 1 applicants that submit by the first intake deadline will be notified on September 25, 2020 about the results of the Ministry’s assessment. For second intake, Stage 1 applicant notification will take place in late winter 2020-2021.

Applicants that do not meet one or more of the minimum requirements will be notified that their project cannot proceed to Stage 2. The Ministry will provide a detailed explanation on how the application did not meet requirements when the applicant is notified.

Applicants that pass Stage 1 of the assessment process will be invited to submit a Stage 2 application via TPON.

The Ministry will not consider any Stage 2 applications submitted before Stage 1 applications are assessed and applicants are notified about results.
5. ADVANCING TO STAGE 2

5.1 Conditional Approvals

The Ministry encourages applicants to seek other sources of funding to support the project if needed. In instances where applications with other funding entities are pending approvals during the Stage 2 evaluation process, the Ministry will take note of these applications.

The Ministry may provide conditional offer of funding for projects if the applicant is awaiting approval for other sources of funding that were previously identified by the applicant. The Ministry will work with applicants to specify this condition.

5.2 Funding Agreement

If a Stage 2 application passes Ministry evaluation, the applicant will be notified by email with a conditional offer of funding. If the applicant accepts the conditions for funding, the application will be deemed approved.

The Ministry will provide a draft of the funding agreement to the lead applicant based on information provided in the Stage 2 application, including a budget, timelines, milestones, mandatory reporting requirements, and payment schedules. The lead applicant will be required to execute the funding agreement with the Ministry. Once parties agree to all terms and conditions, the funding agreement is executed.

Any costs incurred by applicants prior to executing a funding agreement will be ineligible. Thus, applicants are recommended to avoid undertaking any work that would be deemed as an eligible cost until a funding agreement is executed.

Stage 2 application materials will provide more details on funding agreement requirements.

5.3 Compliance

Regulatory Approvals

Applicants must ensure that all activities required for the project comply with federal and provincial laws and regulations and municipal bi-laws. This includes receiving all necessary regulatory approvals prior to initiating work and receiving funding, such as environmental assessment or environmental compliance approvals (if required).

Duty to Consult and Accommodate

The Government of Ontario may have a duty to consult and, where appropriate, accommodate Indigenous communities (First Nation and Métis peoples) where the Government of Ontario contemplates funding an activity that may adversely impact an established or credibly asserted Aboriginal or treaty right.
Before deciding whether a project should receive funding, the Government of Ontario will assess whether a duty to consult obligation is potentially triggered. Ontario may delegate day-to-day, procedural aspects of consultation to potential grant recipients who may also have their own separate obligations. Ontario’s delegation to potential grant recipients of procedural aspects of consultation is a regular practice and the procedural aspects of consultation will be delegated to grant recipients on this initiative. Therefore, it is important that all applicants anticipate this process and appropriately plan for this work (e.g., resources, time, etc.) as part of their funding submission.

Consultation requirements may vary depending on the size and location of the project in question. Further details surrounding specific consultation requirements, including which communities require consultation, will be provided by provincial officials for applications being considered to proceed. Applicants should ensure that Ontario is satisfied that any duty-to-consult requirements are met prior to commencing any site preparation, removal of vegetation or construction in respect of the project. Failure to meet these obligations may result in funding being withheld.

Open Access

Applicants must comply with all Open Access rulings by the CRTC and it is the responsibility of applicants to consider future rulings in their ability to compete fulfill the requirements their funding agreement.
6. CONFIDENTIALITY AND PUBLIC REPORTING

The Ministry is subject to the Freedom of Information and Protection of Privacy Act (“Act”). The Act provides every person with a right to access information in the custody or under the control of the Province, subject to a limited set of exemptions.

Approved projects may be the subject of public announcements.

Applications may be shared with third-party due diligence providers, other ministries and/or Provincial third-party service providers as part of the assessment process.
7. STAGE 1 APPLICATION GUIDE

7.1 Managing Applications

Starting a new Application

Eligible applicants who have applied to the ICON program through the TPON portal can download the Stage 1 application form using their ONe-key log in information. The application form and attachments are interactive, and the online system will not allow for discrepancies and incomplete fields in applications to be submitted. You will not be able to save your work unless all required fields are completed.

Please ensure you fulfill all requirements before preparing your application for submission:

- Required Fields: For items marked with a red asterix you must provide an answer to these questions before you can move on to the next page in the form.

- Attachments: After you have inputted your completed application form, you will be prompted to submit your additional attachments. Attachments should be uploaded with clear titles that identify the purpose of the file.

- Maximum character count: Each text box has a maximum character count and you must ensure to you do not surpass this count in order to proceed on the form. Spaces are included in the character count.

- Group Applications: If two or more entities are involved in the application submission, every Project Partner must submit their contact information in Section C on the Stage 1 application. Please note that the application must identify who is the lead applicant when submitting the contact information.

Submitting Materials

Lead applicants must sign on to the TPON portal to download and complete the Stage 1 fillable form. The completed application and all other required Forms must be submitted through the portal. Materials do not need to be submitted at the same time, but for applicants that want to be considered for the first intake, the completed application must be submitted by 5:00pm on Friday, August 21, 2020 to be considered for funding. The deadline for Stage 1 applications in the second intake will be set in late September 2020.

Stage 1 applicants can use the ICON Map Tool to create a screenshot of the area for which the proposed project is applying for provincial funding.

Submitting your Application
After you have saved your work and completed an application, you can now submit it along with the supplementary attachments by uploading your documents on the TPON portal.

The system will not accept applications that do not have all required attachments uploaded and an error message will emerge. If you do not receive a confirmation email, then your application has not been submitted and you will not be considered for ICON program funding. Please make sure that you receive a confirmation email and contact ICONprogram@ontario.ca if you are experiencing troubles.

Applicants can resubmit or modify their applications, including to submit additional supporting materials, any time prior to the ICON program intake deadline.

Please refer to the Get Help section of the Ontario.ca page for detailed instructions on how to use the TPON system. For a step by step walkthrough, please watch the orientation video.

7.2 Application Form Completion Instructions

Section A: Applicant Profile

- Organization Name:
  - Applicant must identify the organizations operating name. This field will be pre-populated from the information provided when the organization is registered in TPON.

- Organization Legal Name:
  - Applicant must identify the organization’s legal name. This field will be pre-populated from the information provided when the organization is registered in TPON.

- Website URL:
  - Applicant to provide the organizations official website URL. This field will be pre-populated from the information provided when the organization is registered in TPON.

- Canada Revenue Agency (“CRA”) Business Number:
  - Applicant must provide the 9-digit business identifier provided by the CRA. This field will be pre-populated from the information provided when the organization is registered in TPON.

- Organization Type:
• Applicant to select from the dropdown menu the legal type that best describes the organization applying for funding. If “other” is selected, then the applicant will be provided an opportunity to specify the type of organization.

• Date Incorporated:

  o Applicant to identify the date first incorporated.

**Section B: Applicant Address Information**

• Business Address:

  o Applicant must provide complete information of the physical location, such as the unit or suite number, street number and name. Identify the municipality under “City/Town” followed by the postal code, province, and country. This field will be pre-populated from the information provided when the organization is registered in TPON.

• Mailing Address:

  o Applicant must provide complete information of the physical location, such as the unit or suite number, street number and name. Identify the municipality under “City/Town” followed by the postal code, province, and country. This field will be pre-populated from the information provided when the organization is registered in TPON.

**Section C: Contact Information**

• Contact Information:

  o All Project Partners must provide their contact information (e.g. organization type, name, phone number, email) in this section. This includes the lead applicant; however, only the lead applicant should check the “Lead Applicant” box.

  o Under “Contact Type,” please indicate whether the contact functions as an applicant, payee, or other.

  o If more than one contributing partner is involved, the form will allow you to add an additional box. Click the “plus/minus” signs to add and remove additional fields.

  o NOTE: The lead applicant must check the “Signing Authority” box and complete the Declaration and Signing Section I.

**Section D: Project Information**
• Project Name:
  o Identify the public name of the project.

• Proposed Start Date and Proposed End Date:
  o Identify the anticipated construction start date and project completion date.

• Project Summary:
  o Provide a brief overview in maximum 500 characters of the project that can be made public by the Ministry.

• Project Description:
  o Provide a detailed and thorough description in maximum 1,000 characters of the project involving a high-level overview of expected project activities.

• Project Type:
  o Applicant to select from drop down menu what specific type of broadband (backbone or last-mile), cellular or satellite infrastructure the project will deploy.

• Impacted Municipalities:
  o Applicant to select from drop down list of registered municipalities in Ontario that will be directly impacted by project activities. Hold the “Ctrl” key to select multiple names.

• Anchor Institutions Connected:
  o Applicant to identify anchor institutions (e.g. not-for-profit organizations) that will be connected or are impacted by project activities.

• Number of Households and Businesses Reached:
  o Applicant to provide a total number of expected households and/or businesses that will have access to 50/10 broadband and/or LTE upon project completion.

• Service Target:
  o Applicant to identify the expected speed target achieved after project completion.
NOTE: Applicant will be able to expand in Section G if the applicant cannot meet the universal connectivity standard of 50/10 broadband and/or LTE.

Section E: Project Budget

- Requested Amount:
  - Identify the total amount being request under the ICON program.

- Total Project Cost:
  - Identify the total project cost based on most recent financial forecasts.

- Total Eligible Cost:
  - Identify the total eligible costs associated with project activities (e.g. direct equipment costs, direct materials costs, direct labour costs, etc.).

- Other Sources of Funding:
  - Identify other expected sources of funding to cover all project costs. The amount of funding listed will be confirmed in Stage 2, if the applicant is successful. Applicants must include a brief description of the funder, the status of funding, and the total amount expected from the funder.

  NOTE: Applicant must complete the full budget table as a supplementary document (see Section 7.3).

Section F: Other Support

Applicants to provide details regarding all non-financial and community support that the project proposal is receiving.

- Organization:
  - Applicant to identify the organization or municipality by name.

- Contact Information:
  - Applicant to provide basic contact information for the organization or municipality.

- Why does this organization support the proposed project?
  - Applicant to outline why this organization is in support of the proposed project.
• What type of non-financial support for the proposed project is this organization able to provide?
  o Applicant to describe how the organization is supporting the proposed project and through what sort of non-financial commitments (e.g. council resolution).

Section G: Proposal Details

Please follow questions in the fields of the form and provide as much information as you can relevant to the question and within the maximum character limit.

If you have any concerns or questions regarding some of the questions listed, you may contact our support team at ICONprogram@ontario.ca.

Section H: Relevant Experience

This section must be filled out by the Project Partner that has relevant experience in building, owning, servicing and/or operating broadband or cellular infrastructure.

Please follow questions in the fields of the form and provide as much information as you can relevant to the question and within the maximum character limit.

If you have any concerns or questions regarding some of the questions listed, you may contact our support team at ICONprogram@ontario.ca.

Section I: Declaration and Signing

The lead applicant must read and complete the declaration and signing of the project proposal.

7.3 Supplementary Documents Information

Stage 1 requires four types of additional documentation attached to your submission.

If any of these files are missing from your initial submission, your application will not proceed until all files are received. There is no limit to the size of the attachments in the TPON system; however, be advised that the larger the attachment the longer the upload time will take.

Applicants can remove and add attachments until the application form is fully submitted. In Step 3 of the 4-step application submission wizard, simply click the “New” button to upload and “Delete” to delete uploaded files.

Mapping Information

Ontario’s Broadband Map can be used for your mapping submission.
A mappable file is the preferred method of submission and can be provided as KML, Shapefile, geoJSON, or other mappable file formats. If you do not have the ability to create mappable files, you can use the free map tool provided by ISED or submit a screenshot of the proposed project area as either a .jpg or .pdf file.

**Evidence of Local Support**

The applicant must demonstrate local support for improved broadband and/or cellular service in the proposed project area. The applicant has the option to prove support through these identified methods and submit the document in .pdf format:

- Formal letter of support from municipal entity, Band Council, or regional board that provides services in unrecognized areas of the province, including Local Road Boards, Local Service Boards, or District Social Service Administration Boards;
- Municipal council or Band Council resolution; or
- Other types of formal communication to the applicant that demonstrates support for improved connectivity.

**Letter of Intent**

The applicant must provide letters of intent from each Project Partner to describe their intent to provide financial or in-kind support to the proposed project. The letter must be submitted in .pdf format and signed by a Project Partner representative that has signing authority for the organization.

**Proposed Project Budget Table**

A budget template in .xlsx format is available in the TPON portal. Applicants must download and complete the budget.
APPENDIX 1 – DEFINITIONS

**Affordability** means rates that are comparable to those offered by a facilities-based service provider to the nearest major urban centres or community.

**Anchor Institute** means facilities that provide a public service (e.g. schools, medical facilities, libraries, community halls, First Nations band offices, or other institutions around which a community is formed) and capacity for other uses (including residential, business, and/or mobile services) for which broadband services would benefit the community as a whole.

**Backbone** means a network connection that transports data traffic from one PoP to another or from a PoP, to a location that contains the Internet Gateway and which enable internet connectivity for fixed infrastructure in areas of need.

**Band Council** means a council of the band, as defined in section 2 of the *Indian Act*, RSC, 1985, c. I-5.

**Bandwidth** means the capacity for transferring data over a network as measured in bits per second (bps), kilobits per second (Kbps) or megabits per second (Mbps).

**Broadband Projects** mean any project with the objective and outcome to provide improved or new connectivity to a household or business.

**Cellular Projects** mean any project with the objective and outcome to provide improved and new connectivity to a mobile or cellular device.

**Customer-Premises Equipment** means any telecommunications equipment located at a subscriber’s premises that is connected to a service provider’s telecommunications network at a demarcation point, for example, wiring, modems (DSL, cable, wireless) as well as antennae or other wireless equipment.

**Household** means a person or group of persons who occupy the same dwelling.

**Internet Gateway** means a piece of network hardware that allows data to flow from one discrete network to another.

**Major Transportation Roads** means a road classified by Statistics Canada in its Road Network File as having a street rank code of 1 (the Trans-Canada Highway), 2 (a national highway system not under rank 1), or 3 (a major highway not under rank 1 or 2).

**Ministry** means the Ministry of Infrastructure.

**Open Access** means open to third parties for dedicated capacity purchases on a wholesale or retail basis and adheres to CRTC regulations.
Point-of-Presence or PoP means a site in a transport network that marks the end of the network and that connects to access infrastructure.

Project Completion Date means the date upon which the project is deemed complete per the funding agreement.

Project Partner means any entities that are directly involved in the design, implementation and consultation of a project.

Scalable means sustainability of chosen technology over both the short- and long-term to meets needs of end-users.

Transfer Payment Ontario or TPON means the online portal where applicants will submit an application for funding their project.
APPENDIX 2—ELIGIBLE AND INELIGIBLE PROJECT COSTS

Eligible project costs must be directly attributable to the project and must be incurred and paid on or after the funding start date as indicated in the funding agreement and up to the Project Completion Date.

Eligible project costs are cash outlays, net of all applicable HST, which must be documented through invoices, receipts, or grant recipient records acceptable to Ontario and are subject to verification by an independent auditor. Evidence of payment must be maintained for audit purposes.

Below is a list of eligible and ineligible cost categories for reference only. A final determination of eligible and/or ineligible costs will be at the discretion of the Ministry.

Eligible Costs

- Direct Labour Costs, meaning the portion of gross wages or salaries incurred for work which can be specified, identified and measured as having been or to be used on the project.

- Direct Material Costs, meaning those costs of materials which can be specifically identified and measured as having been used or to be used on the implementation of the project.

- Direct Equipment Costs, meaning the cost of equipment required for the completion of the project, including but not limited to servers, switches, fibre optic cable, repeaters, radio equipment, towers, poles, back-up power supplies, shelters and network broadband connectivity devices including upgrades.

- Direct Satellite Capacity Costs, meaning the portion of the direct purchase or lease of Bandwidth or capacity delivered over the physical medium of satellite which can be specifically identified and measured as having been used or to be used on the implementation of the project. These costs will be measured in units of Mbps, MHz, or a quantity of satellite transponders.

- Direct Labour Related Travel Costs, meaning the cost of travel which is deemed necessary to the performance of the project. To be eligible, travel costs must be clearly documented as to the purpose of each trip. Travel expenses, at economy rates, shall be charged as actual costs.

- Other Direct Costs, meaning those applicable costs, not falling within the categories of direct labour, direct equipment, direct material, direct satellite capacity, or direct travel costs, but which can be specifically identified and measured as having been incurred or to be incurred to implement the project.

Ineligible Costs
• Customer-Premises Equipment.

• Expenditures incurred outside of the terms of a Funding Agreement, including otherwise eligible costs.

• Expenditures related to developing the application.

• Expenditures related to purchasing land, buildings (except for equipment shelters not meant for human occupation) and associated real estate and other fees.

• Leasing land, buildings and other facilities, including permanent shelters for housing network related equipment (except for temporary facilities directly related to the construction of the project).

• General repairs and ongoing maintenance resulting from the project and related structures.

• Legal fees.

• Operational costs to run infrastructure built as a result of the project.

• Taxes for which the applicant is eligible for a tax rebate and all other costs eligible for rebates.

• Contingency provisions.

• Insurance costs.

• Existing capital assets including land, buildings, vehicles and other indirect, fixed, and/or capital costs.

• Cost of any goods and services which are received through donations or in kind.

• Financing or carrying costs, loan and interest payments.

• General office space and equipment i.e. photocopiers, furniture, telephones, computers, printers and office software.

• Training to set up an Internet service provider or on-going training to implement the project.

• Advertising/promotion activities.

• Radio and Spectrum licensing fees.

• Costs that have been paid for or reimbursed by another funder.