First Nations Technical Services Advisory Group Inc.

PRAP

PERSONALIZED RURAL
ADDRESSING PROGRAM

What is the Rural Addressing Program?

The Personalized Rural Addressing Program (PRAP) is a provincial program funded through Indigenous Services Canada. The program provides First Nations with addressing development that works for them
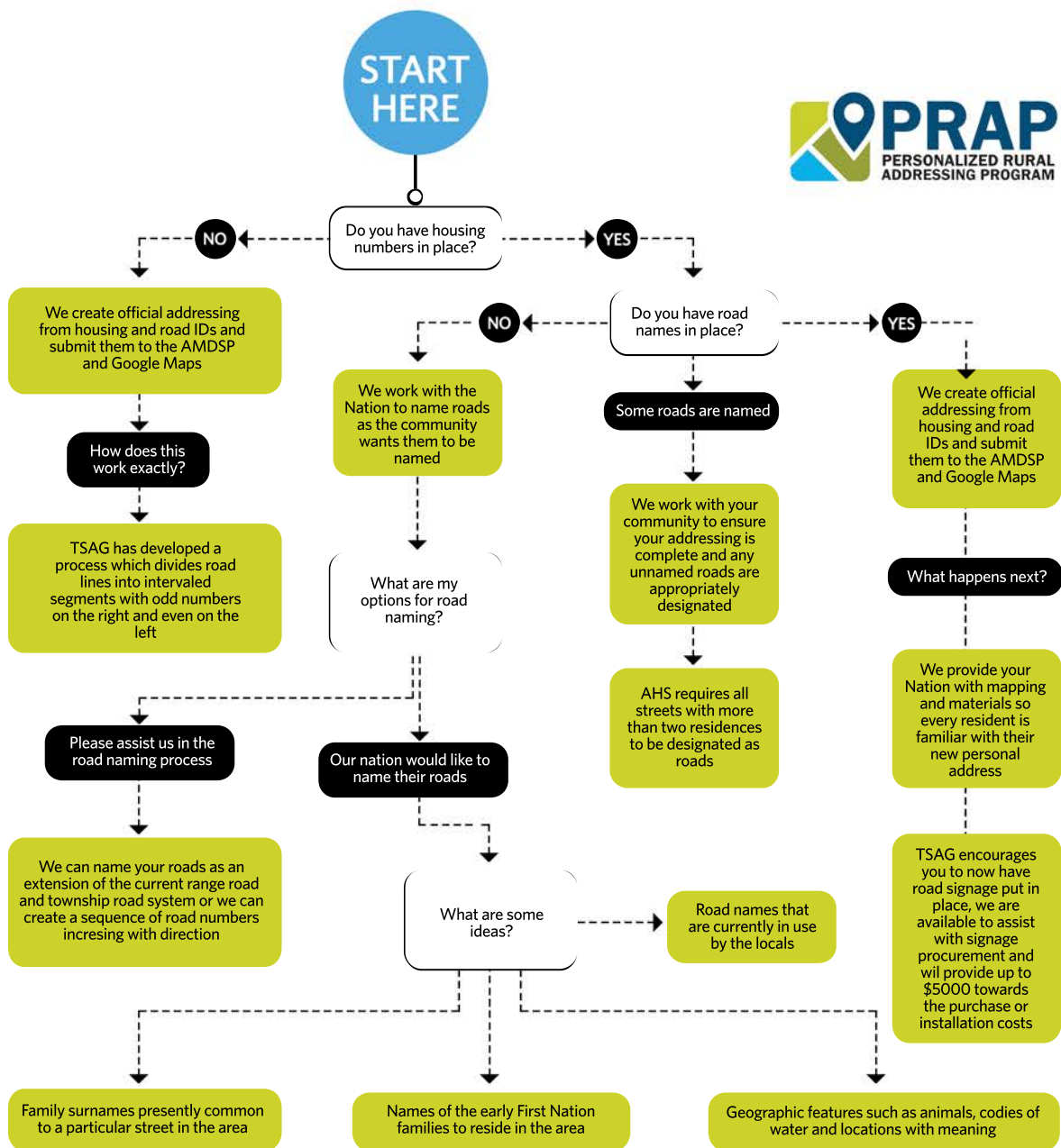
The goals of PRAP are:

- ✓ Develop a recognized addressing system available to EMS through the Alberta Data Sharing Partnership (AMDSP)

- ✓ Implementation of community addressing that works for each particular Nation

- ✓ Maximize routing efficiency to locations for EMS, deliveries and wayfinding

- ✓ Community familiarity with their new road names, house numbers and personal addressing

- ✓ Provide official addressing as a prerequisite for 911 Emergency Service implementation

In Alberta, PRAP is developed by First Nations Technical Services Advisory Group Inc (TSAG), a First Nations non-profit organization mandated by the Chiefs of Alberta. When the Provincial Rural addressing program was implemented in Alberta during the period of 1979-1981 First Nation communities were not a part of the program that designated Range and Township Roads throughout the Province. Through this ISC funded program, PRAP is offering First Nations addressing development that works for them.
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"The TSAG Addressing team worked fast to get proper addressing in place. This allowed us to move forward getting 911 service for Boyer River and Child Lake"

Quote from
Riel Chonkolay
Public Works Manager
Beaver First Nation

START HERE

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Do you have housing numbers in place?

NO → We create official addressing from housing and road IDs and submit them to the AMDSP and Google Maps

How does this work exactly?

TSAG has developed a process which divides road lines into intervaled segments with odd numbers on the right and even on the left

Please assist us in the road naming process

We can name your roads as an extension of the current range road and township road system or we can create a sequence of road numbers incresing with direction

Family surnames presently common to a particular street in the area

YES →

Do you have road names in place?

NO → We work with the Nation to name roads as the community wants them to be named

What are my options for road naming?

Our nation would like to name their roads

What are some ideas? → Road names that are currently in use by the locals

Names of the early First Nation families to reside in the area

Geographic features such as animals, codies of water and locations with meaning

Some roads are named

We work with your community to ensure your addressing is complete and any unnamed roads are appropriately designated

AHS requires all streets with more than two residences to be designated as roads

YES → We create official addressing from housing and road IDs and submit them to the AMDSP and Google Maps

What happens next?

We provide your Nation with mapping and materials so every resident is familiar with their new personal address

TSAG encourages you to now have road signage put in place, we are available to assist with signage procurement and wil provide up to $5000 towards the purchase or installation costs

What is an official recognized addressing system?

An official recognized is one that is submitted and approved for upload to the Alberta Data Sharing Partnership (AMDSP). As per requirements from Alberta Health Services it ensures that all occupied residences are designated with an official address containing a numeric identifier and a named road. In order to minimize way-finding confusion it requires all streets with more than two residences to be designated as an official recognized road, with its own identifier.

There are many steps to achieving a recognized addressing system, starting with initializing the project:

PHASE 1

- TSAG GIS Addressing Coordinator provides Nation with Addressing Project "Needs Sheet"

- Nation to collect all relevant data to provide to TSAG GIS Addressing Coordinator

- Verify the data; collecting all data, digitizing data, update data for Addressing Process

- Develop best suited plan for the community

- Nation signs off on Project Charter

- Review received data; process, clean & digitize if necessary; contact Nation if data errors / gaps exist

- Structure asset data and page layout processing: Input data into digital format, data driven pages for creation of atlas map books

PHASE 2

- Initial roads Data Processing: Combine Alberta Municipal Data Sharing Partnership (AMDSP) roads network with Nation's roads

- Designate and Assign Roads: Identifiers need to be assigned to any street with more than two residences as per EMS and AMDSP standards

- Development of aerial overview; 1:4,000 mapbook format allows for optimal review purposes

- Mapbooks for aerial review: Structure status -every residence been requires an identifier, remove uninhabitable from addressing process

- Nation review: Review road, housing and community building naming conventions and verify every current habitable structure been accounted for

PHASE 3

- Adapt all approved changes discussed and emailed by the Nation

- Approval of addressing from Nation's Addressing Team to TSAG GIS Addressing Coordinator

- Format Nation's addressing data to AMDSP requirements

- Format Nation's addressing data to Google Map requirements

- Development and delivery of finalized addressing products for familiarity within the community

PHASE 4

- Annually engagement with the community for changes to roads, residential and community buildings

Additional Services

While the main objective of PRAP is the development of recognized community addressing we also provide assistance in the following fields in an effort to help achieve your end goal

- Current Housing Occupants (Necessary for NG911 implementation): Available to work with your housing department to update housing inventory to current status through mapping and digital data creation

- Signage (Necessary for NG911 implementation): Available to provide assistance with the inventory calculations, estimates and sign procurements for road blades and housing numbers

- Next Generation 911 procurement (NG911): Initiation of requests for support and procurement to both AB GOV 911 team and Telus NG911 Service Team

Needs Sheet

Addressing Inventory	Does the Nation have house numbers, road names, and community building numbers in place?
Data Inventory	Does the Nation have digital data for building units and roads and if no, does it exist on paper?
NG911	Is 911 an objective? If yes, Housing needs to provide current occupants and work with us on structure status
Road Naming: Main	Does the Nation want to name their own roads? If "yes" TSAG delivers a Road Naming Map w blank road labels
Road Naming: Secondary	Determine how to name Secondary Roads. Any street with more than 2 residences will be classified as a road