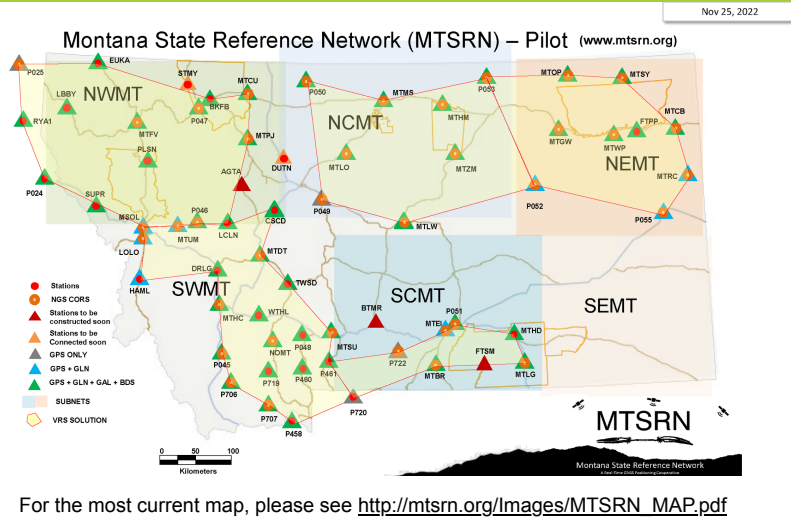# ESTABLISH ENTERPRISE FUND FOR MONTANA SPATIAL REAL TIME NETWORK

Primary Sponsor: Russ Tempel (R) SD 14

SB 60

WHAT IS A REAL TIME NETWORK (RTN)?

A Real Time Positioning Network (RTN) uses a network of GPS reference stations to provide high accuracy (1-3 cm) position information in real time. RTNs have been shown to save up to 75% of surveying time while delivering greater accuracy and significant cost savings. Montana RTN is currently running under pilot at no cost to users. If the proposed legislation passes, a subscription fee based on a cost recovery model will be implemented for a sustainable RTN.

Montana State Reference Network (MTSRN) – Pilot (www.mtsrn.org)

Nov 25, 2022

For the most current map, please see http://mtsrn.org/Images/MTSRN_MAP.pdf

MONTANA RTN

- Launched March 2022
- 58 stations live
- 55% state coverage
- 225 user logins issued across 100 organizations
- Minimum of 130 stations required for 100% state coverage
- Partners include MDT, Tribal Nations, Missoula County, and Montana State University

BUSINESS MODELS FOR STATEWIDE RTN

Under a research grant, Montana State University provided business model recommendations that emphasize partnerships along with a competitive subscription fee. More information about this study can be found at
https://www.mdt.mt.gov/research/projects/planning/gnss.aspx

WHO USES A REAL TIME NETWORK?

Transportation Department

Land Surveyors

GIS & Mapping Professionals

Precision Agriculture

Energy & Utility Sectors

Public Safety & Emergency

MONTANA STATE LIBRARY
A GREATER STATE OF KNOWLEDGE

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