

Award-winning, Esri-enhanced advanced road information system



Municipal 511's ArcGIS enabled advanced road information system gives governments a proven, future-ready choice for modernizing traffic management and communications.

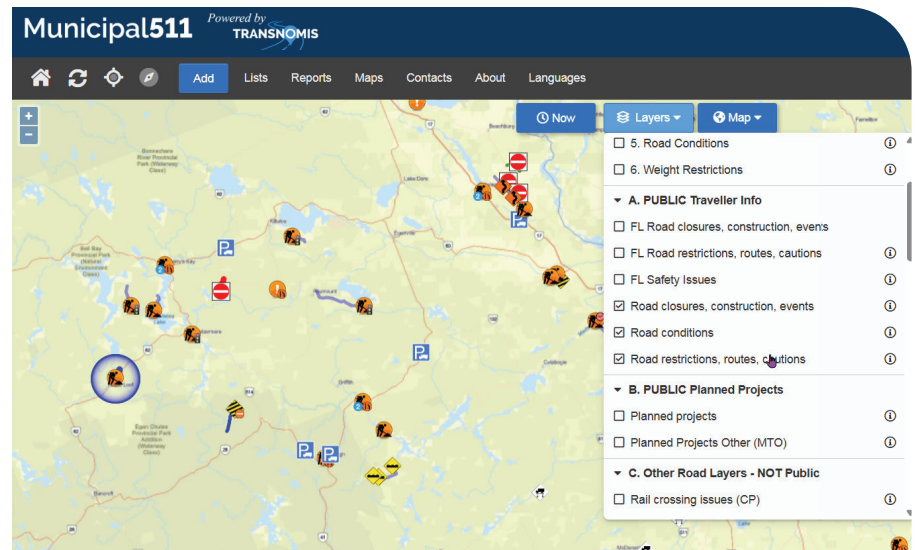
Municipal 511

Delivering accurate, up-to-date road information

Municipal 511 is a publicly accessible road information management service with private layers for agencies. The system integrates and enhances authoritative data from the world's most trusted GIS platform: Esri.

With a few clicks, mapped road closures, hazards, truck routes, restrictions, and planned projects can be presented on your website, distributed to navigation and emergency responder applications, and emailed to key stakeholders for issues taking place now and in the future.

Hundreds of clients across North America trust Transnomis for their road information needs, including municipalities, regional and provincial authorities, traffic control, and safe work zone vendors.



“Partnering through the Esri network helps us deliver more accurate road data to better serve community and agency needs.”

Simon Foo, CEO, Transnomis Solutions

More about Municipal511



One unified map

Municipal511 presents all road information for your region, including local, regional, and provincial roads. The Municipal511.ca public map can be found embedded in government websites across North America.



Connections & integrations

Municipal 511 connects seamlessly to a wide range of third-party apps, including Waze, Here, emergency responder systems, and your GIS.



Mapped data layers

In addition to the publicly-accessible mapped content, Municipal 511 supports private (non-public) data mapping, management, and communications.



Permit Central integration

Mapped content on Municipal511 is presented to permit applicants in the Transnomis Permit Central service, helping applicants to keep overize loads on your truck routes while avoiding road use conflicts.

What our Esri partnership means for you

ArcGIS enabled out-of-the-box -

Municipal 511 now integrates and uses the world's most trusted GIS platform.

That means:

- Faster deployments
- Reduced integration costs

Lower risk, higher confidence -

The Esri badge signals technical compatibility, long-term support, authoritative data, and trust—helping your team:

- Clear procurement hurdles faster
- Future-proof your infrastructure investment

Faster Innovation, Lower Maintenance -

With full access to Esri APIs, SDKs, and partner support, Transnomis now:

- Delivers updates faster and more predictably
- Adapts proactively to Esri's roadmap



Traffic management software.
For smart, safe and **connected** communities.



Smarter monitoring, safer roads

Real-time traffic insight instantly shows congestive corridors, closures and more to secure road safety and improve traffic flow.



Situational awareness backed mobility

Traffic devices and sensors integrated into one platform to offer full-scale awareness of traffic, road use and devices that require maintenance.



Built-in edge reliability

The system boasts an average 99.999% uptime with triple-redundant edge controllers, making it reliable for agencies.

Key use cases

■ Road Events & Restrictions

Monitor road closures, detours, lane limits, and work zones.

■ Road & Infrastructure

View truck, snow, and emergency routes, plus pavement types and utility corridors.

■ Emergency & Public Safety

Get updates on incidents, flooding, shelters, hydrants, and access points.

■ Device & Sensor Integration

Integrate live VMS, cameras, weather sensors, and travel time data.

■ Navigation & Routing Tools

Plan with construction overlays, permit activity, and closure conflict alerts.

■ Permit and Admin Overlays

View active permits, utility windows, and flagged conflicts; sync with Permit Central for coordination.

■ Public Communication

Share updates via text, email, social media, QR codes, and public maps.

■ Custom/Internal Use

Track plows, encampments, capital projects, and asset-linked data zones.



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