StreetPro™ Discover

Semantic street data designed for AI

Where the rubber meets the road

Organizations are increasingly investing in AI and deploying LLMs across their workflows, but many are struggling to achieve ROI because the underlying data isn't AI-ready.

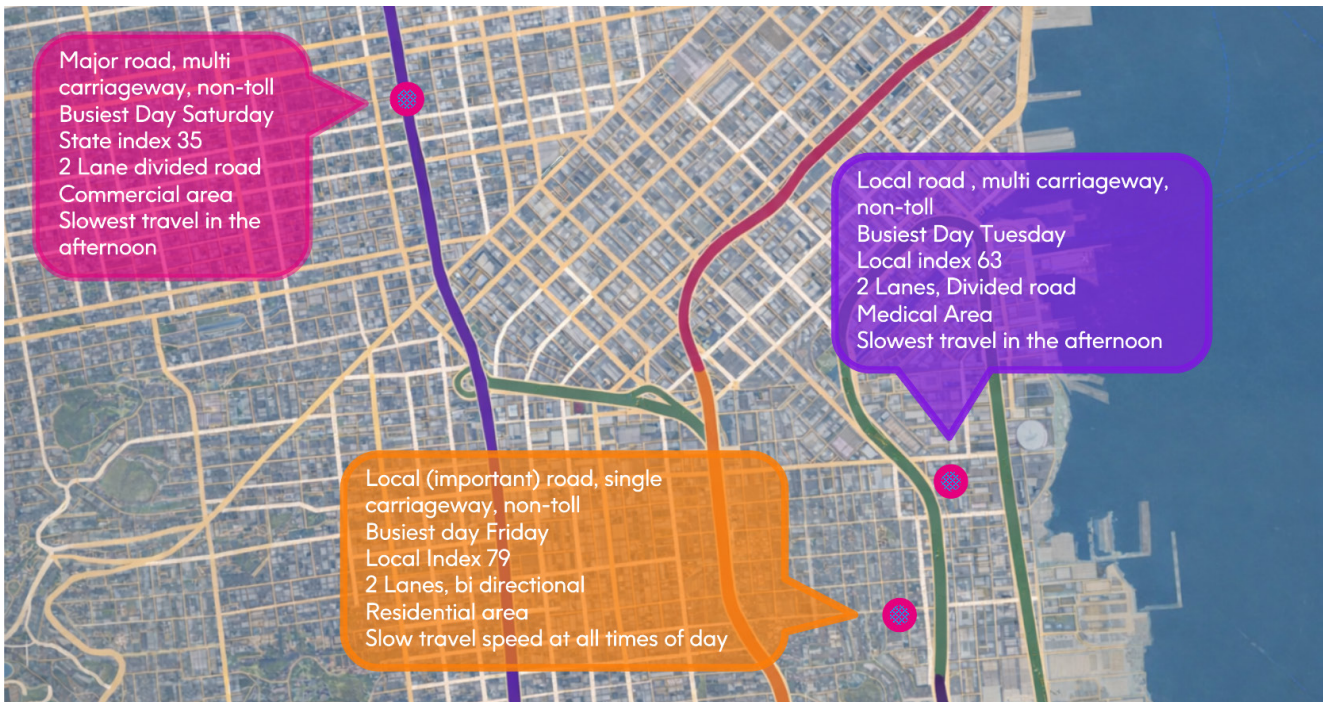
Street data underpins critical use cases like site selection and transportation planning, but it isn't designed for AI and natural language queries—making it difficult for LLMs to retrieve and reason with. These datasets are built for GIS professionals and typically contain nondescript fields, opaque numeric codes, and complex relationships, all of which introduce friction and make crucial street data unusable in AI systems.

Unlock the full value of street data in AI systems

StreetPro™ Discover is purpose-built for use with LLMs and other AI systems. It groups and transforms complex street segment attributes and modelled data into human-readable text, such as "busiest hour of the week" or "Road_Type," that both people and AI can easily search, understand, and use. This enables you to prompt conversational interfaces with simple questions like, "Which streets in this suburb have high traffic exposure?" and immediately gain the location-specific context you need to fuel analytics and operations.

Benefits

- **Power AI applications:** Enhance the value and efficiency of LLM-powered workflows by enabling AI to reason about streets with greater ease and nuance.
- **Support critical use cases:** Analyze street characteristics with data attributes, like property details, to inform site selection, risk assessment, and more.
- **Accelerate time to value:** Streamline spatial analysis and data enrichment that previously required significant expertise and stitching together disconnected data.



Key Features

Unlock the full value of street data in your AI tools and easily enhance decision-making with a complete picture of street segments. StreetPro™ Discover directly supports:

- **Conversational AI Interfaces:** Power natural language queries, like "What might make deliveries to addresses on this street complex?"
- **RAG Pipelines:** Use human-readable field names and descriptions to fuel semantic retrieval and context-aware generation.
- **Address-level snapshots:** Easily connect street segments to address-associated data, like building attributes, with left/right address ranges, locality-postcode pairs, and ID linkages introduced via Precisely's Data Link for TomTom product.
- **Expedited spatial analytics:** accelerate and scale spatial operations with street data aligned to the Uber H3 hex grid model that enables precise, area-level analysis.
- **ML Feature Engineering:** Add 30+ street-level features to your data, identifying correlations with outcomes, like delays and customer churn.

Use Cases

With StreetPro™ Discover, you can quickly uncover and leverage location-specific information to make more informed decisions across a variety of use cases, including:

- **Asset and infrastructure management:** Plan and optimize investments with a clear understanding of key street attributes, like the number of lanes.
- **Site selection:** Identify ideal locations with street segment data that enable you to easily assess address-specific traffic volumes and street details.
- **Risk assessment:** Enhance underwriting accuracy with a complete understanding of the streets and traffic conditions near a property.

Get started today

Skip the complex, manual processes needed to make street data AI-ready and unlock the full potential of your AI investments with integration-ready, semantically rich street data. StreetPro™ Discover can be deployed in the cloud platform of your choice, accessed in the Precisely Data Integrity Suite, or delivered as a flat file.

Product specifications

- **File Format:** Pipe-delimited text
- **Coverage:** United States
- **Update Frequency:** Quarterly