

Pathcast Paths

Linear path segments with directional traffic geometry.

250

FEATURES
SAMPLE SIZE

US

SCOPE
GEOGRAPHY

2026-Q1

VINTAGE
DATA VINTAGE

Monthly

CADENCE
REFRESH

SCHEMA PREVIEW

First five rows. *Production schema, synthetic values.*

PATH_ID	NAME	ROAD_CLASS	LENGTH_METERS	AADT	PANEL_SIZE
pth_c3dzvkf9a...	Lake Shore Dr...	arterial	1757	73090	201
pth_zde5f6ilb...	I-10 EB at Lo...	interstate	6593	221623	631
pth_awb2c3d4n...	I-95 NB at Ex...	interstate	4033	172643	406
pth_afb2c3d48...	I-95 NB at Ex...	interstate	5492	159973	470
pth_cwd4l5fkj...	Lake Shore Dr...	arterial	1675	70959	236

FORMAT: GEOJSON • ROWS IN DOWNLOAD: 250 • FIELDS: 7

METHODOLOGY

How *Pathcast Paths* is built.

Pathcast Paths represents the road network as a directional LineString graph. AADT and hourly traffic distributions are derived from a panel-anchored mobility model with state-DOT-station priors.

→ Full methodology at </docs/motionworks-methods/methods-pathcast/methods-pathcast-paths/>

VALIDATION

How *we audit it*.

Path-level AADT shows a panel-validated MAPE of 7.2% against state-DOT ground-truth counts on a held-out 12% of segments.

→ Full validation report at </docs/pathcast/pathcast-paths-validation/>

PROVENANCE

SOURCE Motionworks Pathcast Paths
 MODEL VERSION pathcast-paths-2026.1
 VINTAGE 2026-Q1
 CONFIDENCE 0.78
 SAMPLE SIZE 250 rows
 GENERATED 2026-05-16

SAMPLE DISCLAIMER

Illustrative synthetic data. Not for production use. For production data, request a sandbox API key at app2.mworks.com.

TRY IT FOR REAL

Get a sandbox API key at app2.mworks.com.

GET SANDBOX KEY →

