

24
Release Notes

NORTH AMERICA

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## Coverage \& Statistics



COMPREHENSIVE

HIGH

INTERMEDIATE

Highway and street-level
Includes cities, postal codes, addresses, truck attributes, Places, tolls
Highway and street-level
Includes cities and postal codes with limited addresses, truck attributes and Places
Basic highway-level network
Includes cities, postal codes, limited Places

|  | STREET-LEVEL |  | HIGHWAY-LEVEL |  | LEVEL OF |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | NETWORK IN MILES |  |  |  |  |
| 21Q4 | previous | NETWORK IN MILES | 21Q4 | previous | COVERAGE |
| UNITED <br> STATES | $7,009,558$ | $7,006,485$ | 871,960 | 871,507 | Comprehensive |
| PUERTO <br> RICO | 26,025 | 26,024 | 3,079 | 3,079 | High |
| US VIRGIN <br> ISLANDS | 1,386 | 1,386 | 199 | 199 | High |
| CANADA | 963,793 | 963,156 | 143,006 | 142,739 | Comprehensive |
| MEXICO | 368,076 | 368,076 | 98,589 | 98,589 | Intermediate |


| ADDRESS COVERAGE* |  |  |
| :---: | :---: | :---: |
| UNITED | $3,323,010$ miles of addressed roads | $3,321,548$ miles of addressed roads |
| STATES |  |  |$]$| 21Q4 |  |  |
| :---: | :---: | :---: |
| PUERTO RICO | 1,675 miles of addressed roads | 1,675 miles of addressed roads |
| US VIRGIN <br> ISLANDS | There are no addressed roads in the US Virgin Islands at this time |  |
| CANADA | 288,539 miles of addressed roads | 288,673 miles of addressed roads |
| MEXICO | There are no addressed roads in Mexico at this time |  |

*Excludes highways and any other roads that don't have actual house numbers.

## Summary of Key Updates

Updates in this North America data release include:

- Updates to the road network were made in 214 counties
- 101 new construction road projects were added
- Truck attributes were updated; totaling more than 900,000 miles
- Truck through-travel restrictions were updated within 52 city limits
- Weight limits were updated in Alberta, Connecticut, New Mexico, North Carolina, Nova Scotia, Virginia, Wyoming
- Posted vertical clearances were reviewed and updated in Arkansas, Hawaii, South Carolina, Wisconsin
- 53' routing attribution was reviewed and updated in Hawaii, Maine, Nebraska, Nevada, North Dakota, Tennessee
- Tolls were updated to reflect new rates in Florida, New York, Nova Scotia, Ohio, Oklahoma, Pennsylvania, Quebec, Rhode Island
- City points and postal codes were updated for the US and Canada
- 1,335 new POIs added to the Places Database (812 distribution centers, 518 manufacturing plants, 2 rest areas, 1 weigh station, and 2 truck stops)
- 1,278 new site locations were coded (772 distribution centers, 1 weigh station, 499 manufacturing plants and 6 truck stops)
- More than 1,300 customer reported issues were fixed
- More than 450 miles of new highway-level network was added to the United States


## Select Regional Updates

The release notes are grouped into the following regions. Please note that only select updates are summarized. Other enhancements may also be included in this release.


## ALASKA

## Region

ALASKA

## NEW CONSTRUCTION \& OTHER UPDATES

- Updates to the road network were made in the following counties: Kenai Peninsula Borough, Matanuska-Susitna Borough


## EASTERN region

| State | NEW CONSTRUCTION \& OTHER UPDATES |
| :---: | :---: |
| CONNECTICUT | - Crescent Street, Winthrop Avenue and Munson Street Roundabout The intersection of Crescent Street, Winthrop Avenue and Munson Street was reconfigured into a roundabout. New Haven, CT 41.323564N, 72.940573W <br> - Main Street and Franklin Street Roundabout - The intersection of Main Street and Franklin Street was reconfigured into a roundabout. Norwich, CT 41.524591N, 72.074769W <br> - US-202, East Street and Notch Road Roundabout - The intersection of US-202, East Street and Notch Road was reconfigured into a roundabout. Granby, CT 41.995356N, 72.796835W <br> - US-1 and CT-22 Roundabout - The intersection of US-1 and CT-22 was reconfigured into a roundabout. Guilford, CT 41.311325N, -72.745521W |
| DELAWARE | - DE-10 and DE-15 Roundabout - The intersection of DE-10 and DE-15 was reconfigured into a roundabout. Dover, DE 39.094305N, 75.581065W |
| MASSACHUSETTS | - North Quincy Street, Chestnut Street and Boundary Avenue Roundabout - The intersection of North Quincy Street, Chestnut Street and Boundary Avenue was reconfigured into a roundabout. Brockton, MA 42.122867N, 71.001247W <br> - Updates to the road network were made in the following counties: Norfolk, Plymouth |
| MARYLAND | - MD-273 and Blue Ball Road Roundabout - The intersection of MD-273 and Blue Ball Road was reconfigured into a roundabout. Elkton, MD 39.70019N, 75.93167W <br> - MD-180 and Mount Zion Road Roundabout - The intersection of MD-180 and Mount Zion Road was reconfigured into a roundabout. Frederick, MD 39.38286N, 77.48054W <br> - Water Tower Way and Bynum Road Roundabout - The intersection of Water Tower Way and Bynum Road was reconfigured into a roundabout. Forest Hill, MD 39.56671N, 76.35712W <br> - MD-234 and MD-242 Roundabout - The intersection of MD-234 and MD242 was reconfigured into a roundabout. Clements, MD 38.32656N, 76.72755 W <br> - MD-7 and Seven Trails Drive Roundabout - The intersection of MD-7 and |


|  | Seven Trails Drive was reconfigured into a roundabout. Aberdeen, MD 39.48874N, 76.22404 W <br> - Mill Street, West Carroll Street, Camden Avenue, and Riverside Drive Roundabout - The intersection of Mill Street, W Carroll Street, Camden Avenue, and Riverside Drive was reconfigured into a roundabout. Salisbury, MD 38.364015N, 75.60402W |
| :---: | :---: |
| NEW HAMPSHIRE | - Updates to the road network were made in the following counties: Belknap, Coos, Sullivan |
| NEW JERSEY | - County Route 551 and County Route 662 Roundabout - The intersection of County Route 551 and County Route 662 was reconfigured into a roundabout. Woolwich Township, NJ 39.742585N, 75.318686W <br> - Updates to the road network were made in the following county: Ocean |
| NEW YORK | - Kew Gardens Interchange Project Phase 4 - The interchange of Grand Central Parkway, Van Wyck Expressway (I-678) and Jackie Robinson Parkway was reconfigured with new ramps. Queens, NY 40.716407N, 73.826014 W |
| PENNSYLVANIA | - West Lisburn Road, Grantham Road and Oakwood Hills Drive <br> Roundabout - The intersection of West Lisburn Road, Grantham Road and Oakwood Hills Drive was reconfigured into a roundabout. Mechanicsburg, PA 40.163018N, 76.990171W <br> - PA-73, PA-662 and Oley Road Roundabout - The intersection of PA-73, PA-662 and Oley Road was reconfigured into a roundabout. Oley, PA 40.399441N, 75.809482W <br> - PA-5 and Millfair Road Roundabout - The intersection of PA-5 and Millfair Road was reconfigured into a roundabout. Erie, PA $42.075908 N, 80.206662 \mathrm{~W}$ <br> - US-9, US-19 and PA-198 Roundabout (North) - The intersection of US-9, US-19 and PA-198 was reconfigured into a roundabout. Saegertown, PA 41.72449N, 80.14868 W <br> - US-6, US-19 and PA-198 Roundabout (South) - The intersection of US-9, US-19 and PA-198 was reconfigured into a roundabout. Saegertown, PA 41.71434N,-80.14582W <br> - PA-68, PA-18 and Brighton Avenue Roundabout - The intersection of PA68, PA-18 and Brighton Avenue was reconfigured into a roundabout. Rochester, PA 40.70171N, 80.28525W <br> - PA-415, Church Street and Lake Street Roundabout - The intersection of PA-145, Church Street and Lake Street was reconfigured into a roundabout. Dallas, PA 41.336247N, 75.963609W <br> - PA-228 and Saxonburg Boulevard Roundabout - The intersection of PA228 and Saxonburg Boulevard was reconfigured into a roundabout. Saxonburg, PA 40.723912N, 79.830036W <br> - PA-94, PA-394 and Stoney Point Road - The intersection of PA-94, PA394 and Stoney Point Road was reconfigured into a roundabout. New Oxford, PA 39.929484N, 77.058041W <br> - Updates to the road network were made in the following county: |


|  | Westmoreland |
| :---: | :--- |
| RHODE ISLAND | -I-95 and RI-138 Interchange - The interchange of I-95 and RI-138 was <br> reconfigured from a cloverleaf into a diamond. Richmond, RI 41.51258 N, <br> 71.692174 W |
| -Greenwood Road and Woodman Road Roundabout - The intersection of <br> Greenwood Road and Woodman Road was reconfigured into a roundabout. <br> Glen Allen, VA 37.67146N, 77.48272 W |  |
| VIRGINIA | US-1 Business, Rampart Drive and Lee Drive Roundabout - The <br> intersection of US-1 Business, Rampart Drive and Lee Drive was <br> reconfigured into a roundabout. Fredericksburg, VA 38.28883N, 77.475393W |
|  | -Updates to the road network were made in the following counties: Amelia, <br> Brunswick, Cumberland, Greensville, Halifax, Norfolk, Southampton, <br> Sussex |
| WEST VIRGINIA | -Updates to the road network were made in the following counties: Fayette, <br> Kanawha, Monongalia, Morgan, Raleigh, Roane, Wayne |


| State | TRUCK-SPECIFIC UPDATES |  |
| :---: | :--- | :--- |
| CONNECTICUT | $\bullet$ | Posted weight limits were reviewed and updated |
| MASSACHUSETTS | $\bullet$ | Truck through-travel restrictions were updated in the following areas: <br> Hopedale, North Attleborough, Weston, Whitman |
| MAINE | $\bullet$ | 53 routing attribution was reviewed and updated |


| State | TRUCK-SPECIFIC UPDATES |
| :---: | :--- |
| HAWAII | - 53' routing attribution was reviewed and updated |
|  | $\bullet$ Posted vertical clearances were reviewed and updated |

## MIDWEST region

| State | NEW CONSTRUCTION \& OTHER UPDATES |
| :---: | :---: |
| ILLINOIS | - Updates to the road network were made in the following counties: Cook, Macon |
| INDIANA | - $\quad \mathrm{IN}$-2 and Heavilin Road Roundabout - The intersection of IN-2 and Heavilin Road was reconfigured into a roundabout. Valparaiso, IN 41.450253N, 87.075726W <br> - South Rangeline Road and Walnut Street Roundabout - The intersection of South Rangeline Road and Walnut Street was reconfigured into a roundabout. Carmel, IN 39.972112N, 86.127007W <br> - Burkart Boulevard Extension Phase I - New road between US-50 to South O Brien Street. Seymour, IN 38.946134N, 85.867396W <br> - North County Road 850 East, Burkart Boulevard and South O'Brien Street Roundabout - The intersection of North County Road 850 East, Burkart Boulevard and South O'Brien Street was reconfigured into a roundabout, Seymour, IN 38.932413N, 85.880547W <br> - Updates to the road network were made in the following counties: Allen, Huntington, Wells, Whitley |
| IOWA | - Updates to the road network were made in the following county: Story |
| KENTUCKY | - Updates to the road network were made in the following county: Shelby |
| MICHIGAN | - Palms Road and Gratiot Avenue Roundabout - The intersection of Palms Road and Gratiot Avenue was reconfigured into a roundabout. Columbus, MI 42.851595N, 82.637073W <br> - Linden Road and West Grand Blanc Road Roundabout - The intersection of Linden Road and West Grand Blanc Road was reconfigured into a roundabout. Swartz Creek, MI 42.914137N, 83.770162 W <br> - US-12 and MI-17 Interchange - The interchange of US-12 and MI-17 has been reconfigured. Ypsilanti, MI 42.235458N, 83.57453W <br> - Updates to the road network were made in the following counties: Allegan, Delta, Gratiot, Lenawee, Mackinac, Schoolcraft |
| MINNESOTA | - County Route 39 and Ohland Avenue Northeast - The intersection of County Route 39 and Ohland Avenue Northeast was reconfigured into a |


|  | reduced conflict interchange. Otsego, MN $45.282374 \mathrm{~N}, 93.582481 \mathrm{~W}$ <br> - County Route 39 and Odean Avenue Northeast Roundabout - The intersection of County Route 39 and Odean Avenue Northeast was reconfigured into a roundabout. Otsego, MN 45.285062N, 93.590998W <br> - County Route 39 and Page Avenue Northeast Roundabout - The intersection of County Route 39 and Page Avenue Northeast was reconfigured into a roundabout. Otsego, MN 45.281282N, 93.575996W <br> - County Route 39 and County Route 42 Roundabout - The intersection of County Route 39 and County Route 42 was reconfigured into a roundabout. Otsego, MN 45.281273N, 93.565618W <br> - I-94 and MN-65 Interchange - New ramp connecting eastbound I-94 to southbound MN-65 and a new flyover connecting northbound MN-65 to westbound I-94. Minneapolis, MN 44.965576N, 93.269921W <br> - I-35W and Stevens Avenue South - New entrance ramp from southbound Stevens Avenue South to southbound I-35W. Minneapolis, MN 44.969674N, 93.269318W <br> - I-35W and Stevens Avenue South - New exit ramp from southbound I-35W to Stevens Avenue South. Minneapolis, MN 44.951185N, 93.274526W <br> - I-35W and East 28th Street - New exit ramp from northbound I-35W to East 28th Street. Minneapolis, MN 44.951023N, 93.273593W <br> - I-35W and East 31st Street - New exit ramp from northbound I-35W to East 31st Street. Minneapolis, MN 44.9448N, 93.274383W <br> - I-35W and 2nd Avenue South - New entrance ramp from 2nd Avenue South to northbound I-35W. Minneapolis, MN 44.941654N, 93.274317W <br> - I-35W and 2nd Avenue South - New exit ramp from northbound I-35W to 2nd Avenue South. Minneapolis, MN 44.935663N, 93.27426W <br> - US-12 and County Route 90 Roundabout - The intersection of US-12 and US-221 was reconfigured into a roundabout. Independence, MN 45.010065N, 93.686481W <br> - Updates to the road network were made in the following counties: Isanti |
| :---: | :---: |
| MISSOURI | - I-49 - New interstate highway between Arkansas border to Pineville, MO. Pineville, MO $36.533915 \mathrm{~N}, 94.389553 \mathrm{~W}$ <br> - Updates to the road network were made in the following counties: Barry, Cass, Franklin, Jackson |
| OHIO | - US-30 and County Route 173 Intersection - The intersection of US-30 and County Route 173 was reconfigured into a J turn. Lima, OH 40.82474 N , 84.013591W <br> - Updates to the road network were made in the following county: Lorain |
| WISCONSIN | - WI-28, Broadway Street and County Route EE Roundabout - The intersection of WI-28, Broadway Street and County Route EE was reconfigured into a roundabout. Sheboygan Falls, WI 43.717756N, 87.80066W <br> - Superior Street and La Crosse Street Roundabout - The intersection of |

Superior Street and La Crosse Street was reconfigured into a roundabout. Wisconsin Dells, WI 43.625544N, 89.775337W

- East Main Street and Green Coulee Road Roundabout - The intersection of East Main Street and Green Coulee Road was reconfigured into a roundabout. Onalaska, WI $43.884138 \mathrm{~N}, 91.2092 \mathrm{~W}$
- WI-23 and County Route U Intersection - The intersection of WI-23 and County Route U was reconfigured into a reduced conflict interchange. St. Cloud, WI 43.779319N, 88.139359W
- WI-23 and County Route T Intersection - The intersection of WI-23 and County Route T was reconfigured into a reduced conflict interchange. St. Cloud, WI 43.785003N, 88.103814W
- WI-23 and Sugarbush Road Intersection - The intersection of WI-23 and Sugarbush Road was reconfigured into a reduced conflict interchange. St. Cloud, WI 43.781193N, 88.081096 W
- WI-23 and County Route A Intersection - The intersection of WI-23 and County Route A was reconfigured into a reduced conflict interchange. St. Cloud, WI 43.779956N, 88.074993W
- WI-23 and County Route S Intersection - The intersection of WI-23 and County Route S was reconfigured into a reduced conflict interchange. St. Cloud, WI 43.767635N, 88.041759W
- WI-23 and County Route G Interchange - The intersection of WI-23 and Country Route $G$ was reconfigured into a dumbbell diamond interchange. St. Cloud, WI 43.772297N, 88.162148W
- I-39/I-90 Expansion Project - The interchange of I-39/I-90 Exit 171A and WI-26 was reconfigured from a cloverleaf into a diverging diamond interchange. Janesville, WI 42.726081N, 88.992787W

| State | TRUCK-SPECIFIC UPDATES |
| :---: | :--- |
| IOWA | •Truck through-travel restrictions were updated in the following areas: <br> Denison, Knoxville |
| OHIO | -Truck through-travel restrictions were updated in the following areas: <br> Jefferson, Lyndhurst, Weathersfield |
| WISCONSIN | • |

## NORTHWEST region

| State | NEW CONSTRUCTION \& OTHER UPDATES |
| :---: | :--- |
| OREGON | -Updates to the road network were made in the following counties: Hood, <br> River, Morrow, Wallowa, Wheeler, Yamhill |

- I-90 Exit 276 and South Grove Road Roundabout - The intersection of eastbound I-90 Exit 276 and South Grove Road was reconfigured into a roundabout. Spokane, WA 47.618593N, 117.501272W
- Updates to the road network were made in the following counties: Grant, Whatcom


## PLAINS and ROCKIES region

| State | NEW CONSTRUCTION \& OTHER UPDATES |
| :---: | :---: |
| COLORADO | - I-76 and US-52 Roundabout - The intersection of the eastbound ramps of I76 and US-52 was reconfigured into a roundabout. Hudson, CO 40.075154N, 104.647541W <br> - Voyager Parkway Ramps - I-25 Exit 155 are new on and off ramps giving access to Voyager Parkway. Colorado Springs, CO 39.020648N, 104.826589W <br> - Pena Boulevard and North Jackson Gap Street U-Turn - A new Texas Uturn at Pena Boulevard and North Jackson Gap Street serving westbound to eastbound Pena Boulevard movements. Denver, CO 39.833897N, 104.692732W |
| IDAHO | - East Victory Road and South Happy Valley Road Roundabout - The intersection of East Victory Road and South Happy Valley Road was reconfigured into a roundabout. Nampa, ID 43.57444N, 116.51303W <br> - Updates to the road network were made in the following counties: Bannock, Shoshone |
| NEBRASKA | - US-81 and NE-91 Intersection - The intersection of US-81 and NE-91 was reconfigured into a reduced conflict interchange. Humphrey, NE 41.700301N, 97.464296W <br> - Updates to the road network were made in the following counties: Adams, Antelope, Arthur, Banner, Blaine, Box Butte, Boyd, Burt, Cedar, Chase, Cherry, Cheyenne, Cuming, Custer, Dakota, Deuel, Dixon, Dundy, Fillmore, Franklin, Frontier, Garden, Garfield, Gosper, Greeley, Hall, Harlan, Howard, Jefferson, Kearney, Keith, Keya Paha, Kimball, Lincoln, Nance, Nemaha, Nuckolls, Pawnee, Polk, Richardson, Saline, Saunders, Scotts Bluff, Sherman, Sioux, Stanton, Thayer, Washington, Wayne, Webster, York |
| NORTH DAKOTA | - Updates to the road network were made in the following counties: Burke, La Moure, Logan, McHenry, Mercer, Mountrial, Pierce, Ransom, Walsh, Williams |
| SOUTH DAKOTA | - Updates to the road network were made in the following counties: Faulk, Jerauld |


| WYOMING | - Updates to the road network were made in the following counties: Campbell, Sheridan, Sublette |
| :---: | :---: |
| State | TRUCK-SPECIFIC UPDATES |
| COLORADO | - Truck through-travel restrictions were updated in the following areas: Westminster |
| IDAHO | - Truck through-travel restrictions were updated in the following areas: Ammon |
| NEBRASKA | - 53 ' routing attribution was reviewed and updated |
| NORTH DAKOTA | - 53 ' routing attribution was reviewed and updated |
| WYOMING | - Posted weight limits were reviewed and updated |

## SOUTH region

| State | NEW CONSTRUCTION \& OTHER UPDATES |
| :---: | :---: |
| ALABAMA | - Updates to the road network were made in the following counties: Coffee, Shelby |
| ARKANSAS | - Ford Avenue Extension - Ford Avenue has been extended from Bain Street to East Huntsville Avenue. Springdale, AR 36.180803N, 94.102062W <br> - Gene George Boulevard Extension - Gene George Boulevard has been extended from Francis Fair Parkway to Elm Springs Road with two roundabouts connecting Har Ber Avenue and Elm Springs Road. Springdale, AR 36.185019N, 94.192275W <br> - I-49 - New interstate highway between Bella Vista, AR to Missouri border. Bella Vista, AR 36.476480N, 94.377579W <br> - I-49, US-71 and US-71 Business Interchange - The interchange of I-49, US-71 and US-71 Business was reconfigured from a roundabout into a single point urban interchange. Bentonville, AR 36.414623N, 94.221806W <br> - Updates to the road network were made in the following counties: Pulaski, Saline |
| FLORIDA | - Radio Road, Museum Road and Museum Drive Roundabout - The intersection of Radio Road, Museum Road and Museum Drive was reconfigured into a roundabout. Gainesville, FL 29.64227N, 82.364246W <br> - Northwest East Torino Parkway and Northwest Cashmere Boulevard Roundabout - The intersection of Northwest East Torino Parkway and |

Northwest Cashmere Boulevard was reconfigured into a roundabout. Port St Lucie, FL 27.341247N, 80.38393W

- $\quad \mathbf{N}$ Boulevard and West Palm Avenue Roundabout - The intersection of N Boulevard and West Palm Avenue was reconfigured into a roundabout. Tampa, FL 27.962283N, 82.467731W
- North 34th Street and East Osborne Avenue Roundabout - The intersection of North 34th Street and East Osborne Avenue was reconfigured into a roundabout. Tampa, FL $27.98878 \mathrm{~N}, 82.42243 \mathrm{~W}$
- North 34th Street and East Lake Avenue Roundabout - The intersection of North 34th Street and East Lake Avenue was reconfigured into a roundabout. Tampa, FL $27.977806 \mathrm{~N}, 82.422439 \mathrm{~W}$
- Valencia Community College Drive and Metrocenter Boulevard Roundabout - The intersection of Valencia Community College Drive and Metrocenter Boulevard was reconfigured into a roundabout. Orlando, FL 28.520414N, 81.467107W
- Coburn Road and Lettuce Lane - The intersection of Coburn Rd and Lettuce Lane was reconfigured into a roundabout. Sarasota, FL 27.339276N, $82.440813 W$
- US-98 and County Route 575 Roundabout - The intersection of US-98 and County Route 575 was reconfigured into a roundabout. Dade City, FL 28.463525N, 82.193109W
- North 34th Street and East 21st Avenue Roundabout - The intersection of North 34th Street and East 21st Avenue was reconfigured into a roundabout. Tampa, FL $27.970462 \mathrm{~N}, 82.422389 \mathrm{~W}$
- North Highland Avenue and West Palm Avenue Roundabout - The intersection of North Highland Avenue and West Palm Avenue was reconfigured into a roundabout. Tampa, FL 27.962271N, 82.462369W
- Updates to the road network were made in the following counties: Bay, Clay, Collier, Duval, Hendry, Leon, Levy, Sarasota, Volusia
- Mayfield Road and Bethany Road Roundabout - The intersection of Mayfield Road and Bethany Road was reconfigured into a roundabout. Alpharetta, GA 34.09600N, 84.32629W
- GA-52, GA-115 and Copper Mines Road Roundabout - The intersection of GA-115, GA-52 and Cooper Mines Road was reconfigured into a roundabout. Murrayville, GA $34.51840 \mathrm{~N}, 83.88449 \mathrm{~W}$
- North Coleman Road and Lake Crest Drive Roundabout - The intersection of North Coleman Road and Lake Crest was reconfigured into a mini roundabout. Roswell, GA $34.03059 \mathrm{~N}, 84.37054 \mathrm{~W}$
- Shiloh Road and Shiloh Crossing Roundabout - The intersection of Shiloh Road and Shiloh Crossing was reconfigured into a roundabout. Alpharetta, GA 34.116372N, 84.201334W
- Acworth Due West Road, Mars Hill Church and Jim Owens Road Northwest Roundabout - The intersection of Acworth Due West Road, Mars Hill Church Road and Jim Owens Road Northwest was reconfigured into a roundabout. Kennesaw, GA 34.01583N, 84.67563W

|  | - Berckmans Road, Ingleside Drive and Willow Ridge Drive Roundabout - The intersection of Berckmans Road, Ingleside Drive and Willow Ridge Drive was reconfigured into a roundabout. Augusta, GA 33.493956 N , 82.030389W <br> - McCollum Parkway, Ben King Road and Big Shanty Road Roundabout - The intersection of McCollum Parkway, Ben King Road and Big Shanty Road was reconfigured into a roundabout. Kennesaw, GA 34.02910N, 84.59035W <br> - Kings Way, Frederica Road and Retreat Avenue Roundabout - The intersection of Kings Way, Frederica Road and Retreat Avenue was reconfigured into a roundabout. St. Simons Island, GA 31.14561N, 81.40034W <br> - Hawthorne Avenue Southeast, Roswell Street and Mathews Street Roundabout - The intersection of Hawthorne Ave, Roswell Street and Mathews Street was reconfigured into a roundabout. Smyrna, GA 33.89051N, 84.50542 W <br> - GA-37, Industrial Drive and Cool Springs Road Roundabout - The intersection of GA-37, Industrial Drive and Cool Springs Road was reconfigured into a roundabout. Norman Park, GA 31.19359N, 83.74938W <br> - Hopewell Road and Hamby Road Roundabout - Intersection of Hopewell Road and Hamby Road was reconfigured into a roundabout. Milton, GA 34.165801N, 84.275483W <br> - GA-9, County Route 9 and County Route 194 Roundabouts - A double roundabout at the intersections of GA-9, County Route 252 and County Route 194. Dawsonville, GA 34.350769N, 84.114193 W <br> - GA-166, Boat Rock Road Southwest and New Hope Road Southwest Roundabout - The intersection of GA-166, Boat Rock Road and New Hope Road was reconfigured into a roundabout. Atlanta, GA 33.70883N, 84.55827W <br> - Updates to the road network were made in the following counties: Echols, Fayette |
| :---: | :---: |
| LOUISIANA | - Updates to the road network were made in the following county: Orleans |
| MISSISSIPPI | - Updates to the road network were made in the following county: Harrison |
| NORTH CAROLINA | - US-421 and US-221 Interchange - The intersection of US-421 and US-221 was reconfigured into a trumpet style interchange. Boone, NC $36.235583 N$, $81.509593 W$ <br> - Rustling Woods Drive and Ecusta Road Roundabout - The intersection of Rustling Woods Drive and Ecusta Road was reconfigured into a roundabout. Brevard, NC $35.26814 \mathrm{~N}, 82.70583 \mathrm{~W}$ <br> - I-440 and Jones Franklin Road Interchange - The interchange of Jones Franklin Road and I-440 has been reconfigured. Raleigh, NC 35.770717N, 78.722975W |


|  | -Reedy Creek Road and Wyatts Pond Lane Roundabout - The <br> intersection of Reedy Creek Road and Wyatts Pond Lane was reconfigured <br> into a roundabout. Cary, NC 35.81243N, 78.77274 W |
| :---: | :--- | :--- |
|  | -US-441, Wayah Street and Porter Street Roundabout - The intersection <br> of US-441, Wayah Street and Porter Street was reconfigured into a <br> roundabout. Franklin, NC 35.17461N, 83.38377W |
|  | -North Greensboro Street and North Estes Drive Roundabout - The <br> intersection of North Greensboro Street and North Estes Drive was <br> reconfigured into a roundabout. Carrboro, NC 35.91752N, 79.07507W |
|  | -Margrace Road and Kings Mountain Boulevard Roundabout - The <br> intersection of Margrace Road and Kings Mountain Boulevard was <br> reconfigured into a roundabout. Kings Mountain, NC 35.21306N, 81.38145W |
|  | -Updates to the road network were made in the following counties: Anson, <br> Davie, Durham, Moore, Nash, Tyrrell |
| OKLAHOMA | -Updates to the road network were made in the following counties: Bryan, <br> Cleveland, Logan, Tulsa |
| TENNESSEE | -Updates to the road network were made in the following counties: <br> Anderson, Knox |
| TEXAS | -Updates to the road network were made in the following counties: Burnet, <br> Callahan, Clay, Coke, Comanche, Cottle, Crockett, Ector, Ellis, Fisher, <br> Foard, Gonzales, Hardeman, Jones, Kaufman, Kendall, Knox, Lubbock, <br> McCulloch, Nolan, Nueces, Parker, Reagan, Rockwall, Scurry, <br> Shackelford, Stephens, Sterling, Throckmorton, Williamson, Yoakum, <br> Young |


| State | TRUCK-SPECIFIC UPDATES |
| :---: | :---: |
| ARKANSAS | - Posted vertical clearances were reviewed and updated |
| FLORIDA | - Truck through-travel restrictions were updated in the following areas: Palm Bay |
| NORTH CAROLINA | - Posted weight limits were reviewed and updated <br> - Truck through-travel restrictions were updated in the following areas: Washington, Williamston |
| SOUTH CAROLINA | - Posted vertical clearances were reviewed and updated <br> - Truck through-travel restrictions were updated in the following areas: <br> Anderson |
| TENNESSEE | - 53 ' routing attribution was reviewed and updated <br> - Truck through-travel restrictions were updated in the following areas: Springfield |
| TEXAS | - Truck through-travel restrictions were updated in the following areas: Henderson |

## SOUTHWEST region

| State | NEW CONSTRUCTION \& OTHER UPDATES |
| :---: | :---: |
| ARIZONA | - South Priest Drive and West Grove Parkway Roundabout - The intersection of South Priest Drive and West Grove Parkway was reconfigured into a roundabout. Tempe, AZ $33.351524 \mathrm{~N}, 111.962545 \mathrm{~W}$ <br> - AZ-89A and Jordan Road Roundabout - The intersection of AZ-89A and Jordan Road was reconfigured into a roundabout. Sedona, AZ 34.86980N, 111.76094W |
| CALIFORNIA | - Redlands Boulevard and Eucalyptus Avenue Roundabout - The intersection of Redlands Boulevard and Eucalyptus Avenue was reconfigured into a roundabout. Moreno Valley, CA 33.935531N, 117.156672W <br> - Updates to the road network were made in the following counties: El Dorado, Madera, Marin, Nevada, Placer, San Luis Obispo, Ventura |
| NEVADA | - Updates to the road network were made in the following counties: Lyon, Pershing |
| NEW MEXICO | - Rio Grande Boulevard Northwest and Candelaria Road Northwest Roundabout - The intersection of Rio Grande Boulevard Northwest and Candelaria Road Northwest was reconfigured into a roundabout. Albuquerque, NM 35.12510N, 106.67385W |
| UTAH | - Updates to the road network were made in the following counties: Piute, Rich, Sanpete, Uintah |


| State | TRUCK-SPECIFIC UPDATES |
| :---: | :---: |
| NEVADA | $\bullet$ |
| NEW MEXICO routing attribution was reviewed and updated |  |
| • $\quad$ Posted weight limits were reviewed and updated |  |

## CANADA

| Province | NEW CONSTRUCTION \& OTHER UPDATES |
| :---: | :---: |
| ALBERTA | - Updates to the road network were made in the following places: Tsuu T'ina Nation 145, Rocky View, Irricana, Lethbridge, Red Deer |
| BRITISH COLUMBIA | - Updates to the road network were made in the following place: Duncan |
| NOVA SCOTIA | - Updates to the road network were made in the following place: Halifax |
| ONTARIO | - Updates to the road network were made in the following places: Bradford West Gwillimbury, Greater Sudbury, New Tecumseth, Norfolk, Oshawa, St. Catharines, Thunder Bay |
| QUEBEC | - Updates to the road network were made in the following places: Gatineau, Chelsea, Pontiac, Val-des-Monts |


| Province | TRUCK-SPECIFIC UPDATES |  |
| :---: | :--- | :--- |
| ALBERTA | - | Posted weight limits were reviewed and updated |

## MEXICO

There are no changes to report for this region.

## PUERTO RICO

There are no changes to report for this region.

## US VIRGIN ISLANDS

There are no changes to report for this region.


## 2021 Q4 North America ZIP/Postal Code \& City Point Data

## Coverage \& Statistics

We maintain an extensive database of city points, ZIP codes, and postal codes in order to provide accurate geocoding in all of our products. This data currently covers:

| Country | Number of City Points | Number of ZIP/Postal Codes |
| :---: | :---: | :---: |
| UNITED STATES | 191,076 | 51,257 |
| PUERTO RICO | 2,275 | 207 |
| US VIRGIN <br> ISLANDS | 251 | 26 |
| CANADA | 18,024 | 867,285 |
| MEXICO | 56,977 | 199,733 |

## Summary of Updates

| Type | Summary |
| :---: | :---: |
| ADDITIONS | - 1 new US zip codes or acceptable names |
| CHANGES | - 5 U.S. zip codes changed to better align them with their service area <br> - 29 Canadian postal code changed to better align with its service area <br> - 6 City points were moved <br> - 11 PO Box only designation <br> - 2 Canada postal codes county names changed |
| DELETIONS | - 1 U.S. zip codes or acceptable names removed <br> - 1 Erroneous city point removed |

## Additions

These codes were added to the data as new codes or new acceptable names to an existing code or city location.

## U.S. ZIP Codes Added:

- 93314 Bakersfield, CA, Kern


## Changes

## U.S. ZIP Code Changes

## ZIP Code Location Adjustments:

The locations of these postal codes were changed to better align them with their service area.

- 02018 Accord, MA, Plymouth
- 06349 Groton, CT, New London
- 08101 Camden, NJ, Camden
- 14410 Adams Basin, NY, Monroe
- 18044 Easton, PA, Northampton


## P.O. Box Only Designation Removed:

- 06137 West Hartford, CT, Hartford
- 06138 East Hartford, CT, Hartford
- 06263 Rogers, CT, Windham
- 06904 Stamford, CT, Fairfield
- 08101 Camden, NJ, Camden
- 12201 Albany, NY, Albany
- 14410 Adams Basin, NY, Monroe
- 21501 Cumberland, MD, Allegany
- 23401 Keller, VA, Accomack
- 23501 Norfolk, VA, Norfolk
- 25102 Handley, WV, Kanawha


## Canadian Postal Code Changes

## Postal Code Location Adjustments:

- JOS 1E0 Franklin, QC
- JOS 1NO Saint-Antoine-Abbe, QC
- K6H 7M4 Cornwall, ON
- K6H 7N1 Cornwall, ON
- LOR 1 R0 Jerseyville, ON
- LOR 1 TO Lynden, ON
- LOR 2H2 Waterdown, ON
- L3R 4M9 Markham, ON
- L4H 2B9 Woodbridge, ON
- L4H 4V5 Woodbridge, ON
- L4H 5A1 Woodbridge, ON
- L6Y $5 Z 4$ Brampton, ON
- L7E 3B1 Bolton, ON
- L7E 4L9 Bolton, ON
- M9L 1 R4 North York, ON
- M9L 1 R5 North York, ON
- M9L 1 R6 North York, ON
- M9L 1 S7 North York, ON
- M9L 1X2 North York, ON
- M9L 2W1 North York, ON
- M9L 2W2 North York, ON
- M9L 2W3 North York, ON
- M9L 2X1 North York, ON
- M9L 2Y8 North York, ON
- N2V OA4 Waterloo, ON
- N8H 3C5 Leamington, ON, Essex
- P2A 3C3 Parry Sound, ON
- T7X 6B9 Acheson, AB
- T7X 6M4 Acheson, AB


## Canadian Postal Codes County Name Changes:

- L4A OK2 Stouffville, ON, York
- N8H 3C5 Leamington, ON, Essex


## City Point Changes

## City Points Moved:

The locations of these City Points were changed to better align them to a more geographical centralized location.

- Franklin Centre, QC, Le Haut-Saint-Laurent
- Franklin, QC, Le Haut-Saint-Laurent
- Jerseyville, ON, Hamilton
- Lynden, ON, Hamilton
- Saint-Antoine-Abbe, QC, Le Haut-Saint-Laurent
- St Antoine Abbe, QC, Le Haut-Saint-Laurent


## Deletions

These codes were removed from the data due to the code's official cancellation by the governing authority; removal of an erroneous duplicate point; a record with an erroneous county; a code's previously acceptable name that is no longer being accepted; or the removal of a record that is found to be a non-city.

## U.S. ZIP Codes Removed

- 99737 Dot Lake, AK, Southeast Fairbanks


## City Points Removed

## Erroneous City Points Removed:

- Milton Yard, ON, Halton


## 2021 Q4 North America SPLC Data

## Coverage \& Statistics

Standard Point Location Codes (SPLC) are unique numbers assigned to locations originating and receiving freight in North America. Currently we have 112,563 SPLC codes in accordance with the National Motor Freight Traffic Association, which owns and maintains this data.

## Summary of Updates

| Type | Summary |
| :---: | :--- |
| CHANGES | - SPLC locations changed to better align them with their service <br> area |

## Changes

The locations of these codes were changed to better align them with their service area.

## SPLC Location Corrections:

- 036805000 St Antoine Abbe, QC, Le Haut-Saint-Laurent
- 036806000 Franklin, QC, Le Haut-Saint-Laurent
- 036830000 Franklin Centre, QC, Le Haut-Saint-Laurent
- 043534000 Jerseyville, ON, Hamilton
- 043554000 Lynden, ON, Hamilton
- 819595000 Delta Junction, AK, Southeast Fairbanks



## 2021 Q4 North America Toll Data

## Coverage \& Statistics

We maintain 2962 physical toll plaza locations across North America. At each toll plaza, toll costs for cash and discount toll programs, ticket and barrier systems, time of day variations, and vehicle dimensions based on weight, axle count, and trailer count are modeled depending on how the tolling authority set rates.


## Toll Discount Programs

Many tolling authorities offer standard discount plans to receive discounted toll rates when traveling on participating roadways. Below is a list of the supported discount programs:

| Discount Program | Valid In |
| :--- | :--- |
| 407 ETR <br> Transponder | ON Canada |
| A25 Transponder | QC Canada |
| A30 EXPRESS <br> Transponder | QC Canada |
| Beach Express GO <br> VISIT | AL |
| BreezeBy | OR |
| Downbeach Express <br> Pass | NJ |
| E-Fast Pass | TX |
| E-Pass | TX |
| E-Pass Canada | NS Canada |
| ExpressPass | NY, ON Canada |
| EXpressToll | CO |
| EZ Tag | TX |
| EZPass | ME, IL, IN, KY, ME, MD, <br> MJ, NY, NC, OH, <br> PA, RI, VA, WV |
| EZPass-MA | MA |
| EZPass-MD | MD |
| EZPass-ME | ME |
| EZPass-NJ | NJ |
| EZPass-NY | NY |
| EZPass-WV | WV |
| FasTrak | CA |
|  |  |


| Discount Program | Valid In |
| :--- | :--- |
| GeauxPass | LA |
| Good To Go | WA |
| GO-PASS | CO |
| I-Pass | KS |
| K-Tag | TX |
| Laredo Trade Tag | NL |
| LeeWay | NC |
| MACPASS | MI, ON Canada |
| NC Quick Pass | GC |
| NEXPRESS TOLL | OK |
| Palmetto Pass <br> (PAL PASS) | IN, KY |
| Peach Pass | PEI Canada |
| PikePass | FL |
| RiverLink | LA, TX |
| StraitPASS | TX |
| SunPass |  |
| TolITag | TxTag |
|  |  |
|  |  |

## Summary of Updates

| Region | Updates to Toll Road |
| :--- | :--- |
| UNITED STATES |  |
| FLORIDA | - Card Sound Bridge - rates increase as of $10 / 1 / 2021$ |
| OHIO | - Ohio Turnpike - rates increase as of $1 / 1 / 2022$ |
| CANADA |  |
| NOVA SCOTIA | - Angus L Macdonald Bridge - rates increase as of $1 / 3 / 2022$ |
| - A Murray MacKay Bridge - rates increase as of $1 / 3 / 2022$ |  |

## Other Toll-Related Updates

The following new road has been added to the map database along with their corresponding toll costs:

- In Pennsylvania, PA Turnpike 576 Findlay Connector a new segment of road opened to traffic on 10/15/2021 from US 22 80.318527W, 40.424051 N to I-79 80.146748W, 40.320015 N

Other toll related updates:

- In New York, Purple Heart Veterans Memorial Bridge has gone AET as of 10/1/2021
- In New York, Rip Van Winkle Bridge, is going AET as of 11/1/2021
- In Oklahoma, toll plazas along the Chickasaw Turnpike was modified in the map data to reflect ground truth. It involved removing unwanted toll plazas and having just one mainline gantry
- In Rhode Island, Rhode Island I-195 Bridge toll started on 9/10/2021 at $71.39064 \mathrm{~W}, 41.819102 \mathrm{~N}$ eastbound and $71.382909 \mathrm{~W}, 41.819067 \mathrm{~N}$ westbound



## 2021 Q4 North America Places Data

## Coverage \& Statistics

Trimble MAPS products provide the ability to search, display and route to millions of business points of interest. Called "Places," these locations are verified by Data Axle®, a leading provider of business data. Trimble MAPS also maintains a unique set of truck-specific Places including truck stops, intermodal terminals, weigh stations and rest areas. Places are located strategically for truck access and provide a safe way for drivers to access businesses most relevant to them.

|  | CoPilot | CoPilot Truck | PC*MILER |
| :---: | :---: | :---: | :---: |
| NORTH AMERICA | C | $5,891,223$ | $5,985,938$ |
| $8,497,654$ |  |  |  |

* Most Place coverage currently limited to U.S. and Canada


## Truck-Specific Places - Count per Category

This list highlights exclusive Place types from the total Place data available in this dataset:

| NUMBER OF PLACES |  |
| :---: | :---: |
| BORDER CROSSINGS | 3,070 |
| CAT SCALES ${ }^{\text {TM }}$ | 1,860 |
| DIESEL EXHAUST FLUID | 1,675 |
| DISTRIBUTION CENTERS | 49,683 |
| MANUFACTURING PLANTS | 28,723 |
| INTERMODAL FACILITIES | 280 |
| LCV LOTS | 60 |
| REST AREAS | 2,937 |
| TRUCK STOPS | 7,220 |
| TRUCK WASHES | 641 |
| WALMART OVERNIGHT | 1,457 |
| PARKING | 1,048 |
| WEIGH STATIONS |  |

## Summary of Updates

- An update of all Data Axle ${ }^{\circledR}$ Places was conducted on all major Place categories in the U.S. and Canada including but not limited to: Hotels, Restaurants, Gas Stations, Entertainment, Medical and Retail.


## Truck-Specific Place Updates

This list highlights exclusive Place types from the total Place data available in this dataset:

| SELECT PLACE UPDATES |  |
| :---: | :---: |
| BORDER CROSSINGS* | - All border locations were updated |
| DISTRIBUTION CENTERS | - 812 new locations were added to the database |
| STATE WEIGH STATIONS | - 1 new locations were added to the database |
| TRUCK STOPS | • 2 new location was added to the database |
| REST AREAS | - 2 new locations were added to the database |
| MANUFACTURING PLANTS | - 518 new locations were added to the database |

* Border defined as any changes in jurisdiction between states, provinces or countries.



## 2021 Q4 North America Energy Data

## Coverage \& Statistics



The following states/provinces have existing energy network (lease roads) and Places:

| REGION | NETWORK | PLACE TYPES |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | WELL | FACILITY | LAND SURVEY ADDRESS |
| UNITED STATES |  |  |  |  |
| ALABAMA | $\checkmark$ |  |  |  |
| ALASKA | $\checkmark$ | $\checkmark$ |  |  |
| ARIZONA | $\checkmark$ |  |  |  |
| ARKANSAS | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |
| CALIFORNIA | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |
| COLORADO | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| FLORIDA | $\checkmark$ |  |  |  |
| ILLINOIS | $\checkmark$ |  |  |  |
| IOWA | $\checkmark$ |  |  |  |
| KANSAS | $\checkmark$ | $\checkmark$ |  |  |
| LOUISIANA | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| MAINE | $\checkmark$ |  |  |  |
| MINNESOTA | $\checkmark$ |  |  |  |
| MISSISSIPPI | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |
| MONTANA | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| NEBRASKA | $\checkmark$ |  |  |  |
| NEW MEXICO | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| NEW YORK | $\checkmark$ | $\checkmark$ |  |  |
| NORTH CAROLINA | $\checkmark$ |  |  |  |
| NORTH DAKOTA | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| OHIO | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |
| OKLAHOMA | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| PENNSYLVANIA | $\checkmark$ | $\checkmark$ |  |  |
| SOUTH DAKOTA | $\checkmark$ |  |  |  |
| TENNESSEE | $\checkmark$ |  |  |  |
| TEXAS | $\checkmark$ | $\checkmark$ |  |  |
| UTAH | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| VIRGINIA | $\checkmark$ |  |  |  |
| WASHINGTON | $\checkmark$ |  |  |  |
| WEST VIRGINIA | $\checkmark$ | $\checkmark$ |  |  |
| WISCONSIN | $\checkmark$ |  |  |  |
| WYOMING | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| CANADA |  |  |  |  |
| ALBERTA | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| BRITISH COLUMBIA | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| MANITOBA | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |
| NEW <br> BRUNSWICK | $\checkmark$ |  |  |  |
| NEW LABRADOR | $\checkmark$ |  |  |  |


| NORTHWEST | $\checkmark$ |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| TERRITORIES | $\checkmark$ |  |  |  |
| NOVA SCOTIA | $\checkmark$ |  |  |  |
| NUNAVUT | $\checkmark$ |  |  |  |
| ONTARIO | $\checkmark$ |  |  |  |
| PRINCE EDWARD <br> ISLAND | $\checkmark$ |  |  |  |
| QUEBEC | $\checkmark$ | $\checkmark$ |  |  |
| SASKATCHEWAN | $\checkmark$ |  |  | $\checkmark$ |
| YUKON <br> TERRITORY |  |  |  |  |



## Contact Information

## Contact

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## About Trimble MAPS

Trimble MAPS provides global map-centric technology dedicated to transforming journeys through innovative routing, scheduling, visualization and navigation solutions. Built on map data and a routing engine designed specifically for commercial vehicles, its development platform and trusted products are made for a broad range of industries, workforces and fleets of all sizes. The Trimble MAPS brands including PC*MILER, CoPilot and Appian are the foundation for safe and efficient journeys worldwide-one driver, one vehicle, one fleet at a time. Trimble MAPS is a Division of Trimble: maps.trimble.com.

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