

Touch & Go and Touch 2 with Go (CY11/13/16/17)

Autumn 2019 map update release notes

ALWAYS A **BETTER** WAY



The Toyota Map Update Release Notes helps you stay on track with the map updates of the Touch & Go and Touch 2 with Go navigation systems.

Toyota map updates are released at least once a year and at a maximum twice.

Keep up with the product information, map changes, premium content and sales arguments.

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Map update information

Touch & Go (CY11)

Release date: Autumn 2019

Version: 2.20.0

Database: 2019.Q1

Media: USB stick or download by user

System vendor: Harman

Coverage: Albania, Andorra, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Gibraltar, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia (F.Y.R.O.M), Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, Vatican.

Touch 2 with Go (CY13/16)

Release date: Autumn 2019

Version: 6.14.0

Database: 2019.Q1

Media: USB stick or download by user

System vendor: Harman

Coverage (Europe): Albania, Andorra, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Gibraltar, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia (F.Y.R.O.M), Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, Vatican.

TOUCH 2 with Go (CY17)

Release date: Autumn, 2019

Version: 2019 v2

Database: 2019.Q1

Media: USB stick or download by user

System vendor: Harman

Coverage: Albania, Andorra, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Gibraltar, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia (F.Y.R.O.M), Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, Vatican.

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Navigation features

3D Landmarks & 3D city models: realistic environment representation will ease customer's routing thanks to recognizable buildings and monuments.

2D junction visuals: it's well-known that taking a wrong exit can extend driving time considerably. With junction's representations, stay in the right lane and don't hesitate at the next turn.

Extended lane information: very helpful on highways and complex intersections to select the correct lane and avoid dangerous last minute manoeuvres or taking the wrong direction if it's too late.

Speed limits: you can check the maximum speed limit at any time and adapt your speed if necessary.

Speed cameras: drive with a more relaxed mind, being aware of fixed cameras, radar zones and stoplight intersection cameras (where allowed), adjusting your driving speed when needed.

Traffic information: very important for itinerary calculation. Avoid traffic jams and follow less congested roads to save time during rush hours and reach your destination faster.

Core POI list and search: enter destination address or select amongst a list of points of interest. For UK and Netherlands, search by extended postal codes is available.

Sign-as-real: will facilitate driver directions and reduce hesitation mistakes while driving following the system guidance.

Map changes

About 15% of the road network changes every year and so does HERE Technologies, the Toyota's map supplier, to keep the map as accurate as possible.

From the last map update (with 2018.Q3 data) to the current map update (with 2019. Q1 data), HERE Technologies has added or modified the following key changes:

For accurate guidance:

- + 2,9 M street names
- +40,000 roundabouts
- + 231,100 one-way roads
- + 44,000 highways

For safe travel:

- + 790,000 km of roads
- + 268,100 speed limits
- + 260,300 turn restrictions

For convenience:

- +702,600 signpost information
- + 168,000 Points of Interest

More information about how much the map changes over time (Map Change Viewer): http://mapchanges.navigation.com/?app=toyota

More information about HERE Technologies' data collection and integration:

https://www.youtube.com/watch?v=tnMV_WcNrL0&yt:cc=on&hl=en

Freshness of map updates

Why is my map update one year old?

The creation of a map update is a long process. Indeed, before having the latest map update available for your car, we go through several steps:

- **a)** Data collection & integration in the database (3 months): this process is done by HERE. Every quarter, HERE provides updated information on the road network.
- **b)** Data compilation & test validation (7 10 months): this process is done by the system vendor and Toyota. The system vendor oversees compiling data from the HERE database to the Toyota navigation system. Once it's done, Toyota must test and approve the product. Back and forth interactions might happen in this phase.
- c) Distribution (2-3 weeks): once the product has been integrated and tested in the Toyota navigation system. It usually takes 2-3 weeks for Toyota Europe to distribute the product to all Toyota dealers.

Why is the map in my recently bought map update outdated? Why does it take so long to compile maps while other companies (e.g. Google) do this on a daily basis?

The production of an in-vehicle map update is very complex (data collection, data compilation, data testing and distribution). The duration and constraints on compilation and testing are far greater in the automotive industry than in consumer electronics (PND, phones) because:

- **a)** Database increasing size: every year, the size of the map database increases significantly (new streets, new details, etc.) and the map update needs to be contained within a fixed file size.
- **b)** Product bug checking: the product needs to be right first time. Unlike phones or computers, bugs cannot be fixed with a simple download, a remote bug fix or even a reboot.
- **c)** Old navigation systems: updates need to run on navigation systems that have sometimes been designed and launched many years ago, possibly on several navigation systems and need to keep on working for several years. In comparison, PND / phones have an average life cycle of 1.5 years.

Toyota offers map updates to make your navigation system perform at its best and provide you with a premium driving experience.

More information about map updates on: www.toyota-mapupdates.eu/FAQ/







Map jewels and highlights

Discover the major road network changes in your country. Find out new bypasses, highways, sections of roads and many more are included on your new map update with 2019.Q1 data:

AUSTRIA:

Feldkirchen in Kärnten: 10.-Oktober-Straße: new roundabout added at the intersection with the road Gurktaler Straße (2018.4)

Judenburg: B77: new roundabout added at the intersection with the road Alban Berg Gasse (2018.4)

Wien: Hirschstettner Straße: the construction on a railway underpass has been finished road is open for traffic again (2018.4)

Leibnitz: L611: new roundabout added at the intersection with the road L665 (2018.4)

Seefeld in Tirol: Münchner Straße: new roundabout added and shape of roads in the centre of the settlement have been adjusted after construction (2018.4)

Zwettl: The shape main-connection-road (500m) between Zwettl-Stadt and Rudmanns has been updated to reflect reality (2018.4)

Fischamend: B9: two new roundabouts added in the near of the Anschlussstelle Fischamend (2018.4)

Sankt Nikolai im Sölktal: L704: 20 km of this mountain-pass-road has been opened for traffic again after construction due to landslides (2018.4)

Schottwien: Replaced postal code 2642 with postal code 2641 in the entire admin of Schottwien. With this change the entire Admin4 of Gurk has the consistent postal code of 2641 (2018.4)

Gurk: Postal Codes 9341 and 9344 have been replaced with postal code 9342. With this the entire Admin4 of Gurk has the consistent postal code of 9342 (2018.4)

Bleiburg: B80a: new roundabout added between the settlements of Replach and Schilterndorf (2018.4)

Salzburg: Kleßheimer Allee: new roundabout added on the intersection with the road Guggenmoosstraße (2018.4)

Lutzmannsburg: L225: 2km long bypass in the north of Lutzmannsburg has been added including a new Border Crossing to Hungary (2018.4)

Villach: Karawankenweg: new bridge over the river Drau has been built - Geometry has been adjusted to reflect reality (2019.1)

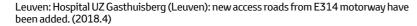
Kottingbrunn: Anzengrubergasse: new 600m long bypass around the Anzengrubergasse and the settlement nearby added (2019.1)

Scharnitz: B177: new 2km long, bypass in the north of Scharnitz has been opened for traffic (2019.1)

Moos/Blato: L128: new, $2km \log$, bypass in the north of Moos/Blato has been added (2019.1)

Feldbach: L201: new roundabout added at the intersection with the Gleichenberger Straße added (2019.1)

BELGIUM:



Sint-Niklaas: R42: Intersection Driekoningen in Sint-Niklaas has been updated. 2 roundabouts have been added. (2018.4)

Knokke-Heist: Hospital AZ Zeno in Knokke-Heist has been added (2018.4)

Elsene /Brussels: new circulation plan in northern part of Elsene has been added (2018.4)

Aalter: 15 municipalities in Flanders, Belgium have been merged into 7 new municipalities. (2019.1)

Tessenderlo: N73: the 1.9 km long connection between ramp interchange Tessenderlo and Zeventiq-Zilleweq has been added. (2019.1)

Aalst: R41: Tunnel and roundabout have been added at the intersection of Gentsesteenweg with Siesegemlaan. (2019.1)

Marche-en-Famenne: N836: roundabout at intersection of Rue Saint-Isidore and future ring road of Marche-en-Famenne has been added. (2019.1)

Mechelen: Hospital A.Z. Sint-Maarten in Mechelen has been added. R6: bridge over Liersesteenweg (N14) has been added (2019.1)

Brugge: N31/Bevrijdingslaan: new ramp interchange at junction N31 and Bevrijdingslaan in Bruges has been added. 't Zand: new traffic circulation at 't Zand in Bruges has been added. (2019.1)

BELARUS:

More than 1200 addresses have been updated in Belarus (2018.4)

BULGARIA

ALL: More than 1400 addresses have been updated in Bulgaria. (2018.4)

CROATIA:

262 islands have been updated in Croatia (2018.4)

CZECH REPUBLIC:

Strakonice: I/22: The 1.56 km long bypass has been added in Strakonice (2018.4)

Děčín: 62: A section of 2 km has been added in the city Děčín. (2018.4)

Zlinsky kraj: The complete road network in 98 cities from state Zlínský kraj has been updated from motorway/highways to neighbourhood streets. (2019.1)

Olomoucky kraj: The complete road network in 84 cities from state Olomoucký kraj has been updated from motorway/highways to neighbourhood streets. (2019.1)

Jihomoravsky kraj: The complete road network in 64 cities from state Jihomoravský kraj has been updated from motorway/highways to neighbourhood streets. (2019.1)

Vysocina: 37: A section of 2,1 km has been added near city Sklené nad Oslavou. 34: A section of 2,9 km has been added between city Rouštany and Pohled. (2019.1)

 $\label{limited-limit} \textit{Jihocesky kraj: 22: The 1.5km long by pass has been added around Strakonice. (2019.1)}$

Ustecky kraj: D7: A section of 3.8 km has been added between city Postoloprty and Bitozeves. (2019.1)

DENMARK:

Midtjylland: A new section of the motorway 'Holstebromotorvejen' has opened. (2018.4)

Sjælland: E20: The Highway exit no 41 Eastbound has been added (2018.4)

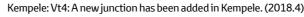
Tårmby: Copenhagen Airport has been updated (2018.4)

Horsens: E45: The highway exit Hattinge (exit no. 56b) has been added (2018.4)

Aarhus: Århus Amtssygehus has closed (2019.1)

Sjælland: E20: Exit number 41 has been opened (2019.1)

FINLAND:



Espoo: New roundabout at intersection of Kauklahdenväylä/Tillinmäentie (2018.4)

Lahti: Vt12: A new 13.7km bypass of Lahti has been added to the database as a construction time geometry. (2018.4)

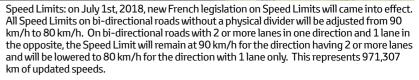
Pietarsaari: E8: An interchange has been updated with new ramps in Pietarsaari (2019.1)

Lapua: Vt19: Two new interchanges have been added in Lapua. (2019.1)

Lohja: Vt25: A new interchange has been added in Lohja (2019.1)

Raahe: E8: New major roundabout in intersection of Kokkolantie has been added. (2019.1)

FRANCE (including Monaco):



Joué-lès-Tours: The interchange between D37 and D7 has been updated to reflect reality, with a new roundabout. (2018.4)

Amiens: Avenue de Saint-Juéry: new roundabout added at the intersection with Rue Victor Allègre. Avenue Paul Claudel: new roundabout added at the intersection with Boulevard Ambroise Paré. (2018.4)

Geipolsheim: The interchange between A35 and D400 (Échangeur de Geipolsheim) has been updated to reflect reality, with a new exit ramp. (2018.4)

Rannée: D178: new roundabout added at the intersection with the D47. (2018.4)

Saint-Orens-de-Gameville: D2: new roundabout added. (2018.4)

Bartenheim: The interchange between A35 and D66 has been updated to reflect reality, with a new roundabout. (2018.4)

Bénesse-Maremne: The interchange between A63 and D28 has been updated to reflect reality, with new exit ramp. (2018.4)

Béziers: D612: new stretch of road with a tunnel under the existing roundabout. (2018.4)

Perpignan: Rocade Ouest: the 3km new bypass has been opened in Perpignan. (2018.4)

Charleville-Mézières: A304: new stretch of motorway of 30 km has been added around Charleville-Mézières and of the Belgian border. (2018.4)

Bailly-Romainvilliers: The interchange between A4 and Avenue Paul Santy (access to Disneyland Parc) has been updated to reflect reality, with two new entry and exit ramps. (2018.4)

Le Puy-en-Velay: N88: The $10 \, \text{km}$ long bypass has been added to the East of Le Puy-en-Velay. (2018.4)

Blanzac-Procheresse: D209: The 1 km long bypass has been added to the South of Blanzac-Porcheresse. (2018.4)

Montagnac: D613: The 3 km long bypass has been added to the South of Montagnac. (2018.4)

Allonnes: D10: The 4 km long bypass has been added to the South of Allonnes. (2018.4)

Compiègne: The new stretch road, D1131, has been added in city of Compiègne, and the old state road has been closed. (2018.4)

Montchanin: The interchange between N70 and D28 has been updated to reflect reality, with two new entry and exit ramps (2018.4)

Châtenay-Malabry: The interchange between A86 and D986 has been updated to reflect reality, with two new entry and exit ramps. (2018.4)

Saint-Marcel-de-Félines: N82: A section of 4 km has been added (to 2x2 lanes) between interchange with A89 and N82. (2018.4)

Nanterre: The new name of the sports complex and at the same time performing arts, national importance, has been updated: "Paris La Défense Arena", instead "U Arena". (2018.4)

Faye-l'Abbesse: Faye-l'Abbesse: Opening of the new Hospital "CHNDS" (2018.4)

Melun: Melun-Sénart: Opening of the new Hospital "Nouvel hôpital de Melun-Sénart" (2018.4)

Monteux: The new place amusement park "Parc Spirou" has been added in Monteux near of Carpentras. (2018.4)

Paris: Boulevard Périphérique: new exit ramp at Échangeur "Quai d'Ivry". (2019.1)

Toulouse: Opening of the new Hospital "Capio Croix du Sud". (2019.1)

Villevaudé: A104: new exit ramp at Échangeur de Villevaudé. (2019.1)

Marseille: A507: new stretch of motorway has been added around Marseille connected North to East. (2019.1)

Michelbach-le-haut: Golf Saint-Apollinaire: new golf course.

Aéroport Béziers Cap d'Agde-Hérault Occitanie: airport naming updated. (2019.1)

Bordeaux: A631: removal of tunnel and roundabout due to new bridge in construction in the city centre of Bordeaux. (2019.1)

Brives-Charensac: N88: removal of ramp connecting to the highway. (2019.1)

Champigny-sur-Marne: The interchange between A4 and D145 has been updated to reflect

reality, with a new bridge and a new entry ramp. (2019.1)

Paris: intersection Avenue de la Porte de Clichy and Boulevard des Maréchaux has been completely modified. (2019.1)

Brétigny-sur-Orge: D19: new roundabout for access to an Amazon warehouse. (2019.1)

Geipolsheim: The interchange between A35 and D400 has been updated to reflect reality, with new exit and entry ramp. (2019.1)

La Fouillouse: D498: the new 1 km section of road to enter the highway has been added. (2019.1)

GERMANY (including Lichtenstein):

Haynrode: L1014: 1km of the south-eastern bypass Haynrode has been opened for traffic (2018.4)

Eschershausen: B240: new bypass (1.8km) and roundabout in the north of Scharfoldendorf has been opened for traffic (2018.4)

Kirchheim an der Weinstraße: B271: a 2km long part of the bypass in the west of Kirchheim an der Weinstraße has been opened for traffic (2018.4)

Holzkirchen: A new connecting ramp at B318 in Gewerbegebiet Holzkirchen-Nord has been added (2018.4)

Jackerath: Autobahndreieck Jackerath: new ramps on this Junction have been opened for traffic (2018.4)

Döbeln: Straße des Friedens: this road has been closed for traffic until end of 2019 (2018.4)

Leipzig: Karl-Heine-Straße/Plagwitzer Brücke: this road/bridge has been closed for traffic until mid of october 2019 (2018.4)

Jüchen: Autobahnkreuz Holz has been opened for traffic (2018.4)

Borna: A72: The motorway-exit Borna-Nord has been opened for traffic (2018.4)

Fraureuth: S289: new, 2,5 km long bypass in the east of Ruppertsgrün has been opened for traffic (2018.4)

Bad Karlshafen: B80, Weserstraße: This road has been opened for traffic again after construction (2018.4)

Niederbardenberg: K1: new roundabout added on the road Karl-Heinz-Viehoff-Straße/K1 near the road L223 (2018.4)

Düren: B56N: A 4km long part of this bypass in the east of Düren has been opened for traffic (2018.4)

Oberwarngau: B318: The eastern entrance and exit ramp in Warngau from the B318 to the MB19 has been opened for traffic (2018.4)

Großenkneten: Ahlhorner Straße: new roundabout added at the intersection with the road Am Rieskamp (2018.4)

Betzigau: OA23: A new 0.7 km long bypass has been opened for traffic in the west of Betzigau (2018.4)

Busdorf: Danewerk Befestigungsanlage and Wikingerstätte Haithabu: these places have been nominated as UNESCO World Heritage and have been added as National Important POIs to the database (2018.4)

Mönchengladbach: Franziskus Krankenhaus Mönchengladbach has been deleted, it is now part of Kliniken Maria Hilf. Hospital has been moved from the Sandradstraße to the Viersener Straße (2018.4)

Thyrow: B101/Anschlussstelle Thyrow: roundabout added at the end of the ramp Anschlussstelle Thyrow (2019.1)

Stendal: L15: new roundabout added at the intersection with the road "Am Wasserturm" (2019.1)

Kirchheim an der Weinstraße: B271: the second part of the bypass (1.5km) in the west of Kirchheim an der Weinstraße has been added (2019.1)

Überlingen: E54: the shape and position of this road has been adjusted for about 1 km and the intersection with the road B31N has been updated due to long-term-construction (2019.1)

Rohrbrunn: A3: Anschlussstelle Rohrbrunn has been opened for traffic in direction north (2019.1)

Vilshofen an der Donau: St2083/St2119: First one km long part of the bypass in the south of Vilshofen an der Donau has been opened for traffic (2019.1)

Mühlhausen: B299: this new, 5 km long, bypass in the east of Mühlhausen has been opened for traffic (2019.1)

Laboe: K30: new roundabout added at the intersection with the road Brodersdorfer Weg (2019.1)

Bad Neuenahr: B266: this road in the north of Bad Neuenahr has been opened for traffic (2019.1)

Bad Windsheim: St2253: A new 1 km long bypass in the west of Rüdisbronn has been opened for traffic (2019.1)

Brumby: L63: new 4 km long bypass in the south of Brumby has been opened for traffic (2019.1)

Lohfelden: A7: the big rest-area Kassel-Ost with a parking lot for trucks opened at the road A7. Changes of the geometry and the access to A7 have been done to reflect reality (2019.1)

Erding: Ziegelstatt: new roundabout at the intersection with the road Thermenallee added (2019.1)

Beilngries: St2230: new roundabout added at the intersection new bypass in the south of the city (the bypass is still under construction) (2019.1)

Rüdenhausen: B286: A $1.5 \, \text{km}$ long stretch of the bypass in the east of Rüdenhausen has been opened for traffic (2019.1)

Bad Liebenwerda: B101: the 3 km long bypass in the east of Bad Liebenwerda has been added (2019.1)

Gau-Bickelheim: A6/Anschlussstelle Gau-Bickelheim: new access and new roundabout added (2019.1)

Beselich: B49: The 4 km long bypass in the east of Beselich has been opened for traffic (2019.1)

Aach: B51: new stretch of road has been opened for traffic at the intersection with the road L43 (2019.1)

Plau am See: B191: The new 2.5 km long bypass in the east of Plau am See has been opened for traffic (2019.1)

Unterschwaningen: St2219, St2221: a new 2.2 km long bypass in the west of Unterschwaningen has been opened for traffic (2019.1)

Bochum: A448: the stretch between Markstraße and Motorway junction Bochum-Witten (1km long) has been opened for traffic (2019.1)

GREECE:

ALL: More than 850,000 addresses have been updated in Greece (2018.4)

IRELAND:

Tralee: N86 realigned in two locations (2018.4)

Ballinagh: New roundabout and routing of N55 at Garrymore (2019.1)

New Ross: N25 Ballyverneen bypass - first roundabout opened (2019.1)

Tuam: N63 realigned at Abbeyknockmoy, Tuam (2019.1)

Loughlinstown: R118 roundabout at Cherrywood Business Park replaced with junction (2019.1)

ITALY (Including the Vatican City and San Marino)

Perugia: 1.8 Km of new FC3, 3 new round abouts around a new shopping centre area (2018.4)



Napoli: A new roundabout has been added in Naples at the intersection between Via Amerigo Vespucci, Via Alessandro Volta and Corso Arnaldo Lucci. (2018.4)

Modena: Modena: close to the "Modena Nord" junction, A1 motorway, a new roundabout has been added (2018.4)

Catania: Catania Airport: New "Terminal C" (departure hub) has been added (2018.4)

Castel maggiore: SP87: a new 6 km bypass including three new junctions has been opened in the Bologna area (2018.4)

Torre de' Busi: Administrative change in Lombardia Region: the municipality of Torre de' Busi has been moved from Lecco Proince to Bergamo province. (2018.4)

Corigliano-Rossano: Administrative changes: The municipalities of Rossano Calbro and Corigliano Calabro (Calabria Region) have been merged in the new 77,000inh city of Corigliano-Rossano (2018.4)

Bolzano: Two new turbo-roundabouts added along the MEBO-SS38 "Merano sud" junction in Bolzano province (2018.4)

Monselice: A new 60 meters diameter roundabout added in Padova province along SS16 (2018.4)

Torino: New "Corso Venezia" (doublebed road 3 km long) has been added in the city centre of Torino (2018.4)

Rome: The Via Laurentina in Rome has been completely modified and new missing Bus and Taxi lanes associated have been added to Here database. A new Shopping Centre named "Aura" (70 shops inside), has been opened in Rome, the associated network has been modified as well. (2018.4)

Serstri Levante: A new stretch of SS1, 1 km long, in Genova province has been opened

Campobasso: A brand new 7 km long stretch of main road named "Strada Colle d'Ambra" has been opened in Campobasso province connecting the area with the SS647-Strada Statale Valle del Biferno. (2018.4)

Sondrio: A new bypass (11 Km long) has been opened in Sondrio province (2019.1)

Genova: In Genova the "Via Enrico Melen" junction has been strongly modified adding three new ramps. (2019.1)

Firenze Province: Fi-PI-LI, Svincolo Empoli est: a bypass road and two new roundabouts have been added in Montelupo Fiorentino. (2019.1)

Bolzano: SS241: two new tunnels and two new bridges have been opened in Bolzano area along this artery (2019.1)

Rovigo: The bridge over the Po river in Rovigo province is now open after works (2019.1)

Bari: SS96: a new ramp system has been opened in the Palo del Colle area, Bari province, connecting "SC di Toritto" to the main artery (2019.1)

Catanzaro: SP64: a new stretch of road has been opened after works and an intersection has been modified in Catanzaro Province (2019.1)

Trento: A new, 7 km long, artery named "Variante del Caffaro" has been added in the database in Trento Province (2019.1)

Castrovillari: SS534: from A2 motorway junction "Sibari-Firmo" this artery is now open to traffic connecting Motorway with SS106 Jonica (2019.1)

Milano: In Milano Linate Airport new geometry changes have been done close to the Arrival Terminal (2019.1)

Genova: A new 4 km road has been opened in Genova (2019.1)

Pistoia: Via Raccordo Autostradale: in Pistoia a new exit has been added at the new Shopping centre "Esselunga" (2019.1)

Livorno: Direction of travel changes have been added in the city centre of Rosignano Marittima along the Via Aurelia artery (2019.1)

Cosenza: In Cosenza, Viale Giacomo Mancini area, in the city centre, has been completely modified all changes have been added in the database (2019.1)

Genova: "Svincolo Genova Ovest" A7 Motorway: the junction has been modified a ramp and a roundabout have been removed and the connections redefined. A new network in the collapsed bridge area has been defined, a new four lanes road replace now an old roundabout (2019.1)

Frosinone: Frosinone: network surrounding the Mazzini Hospital has been completely modified and the point of interest has now a new position. (2019.1)

Perugia: Motorway junction "Svincolo Olmo": new artery system and 3 new roundabouts connect now Lacugnano areain Perugia with the A1 motorway. (2019.1)

LUXEMBOURG:

Schifflange: A13: 2 roundabouts have been added at motorway exit 6 Schifflange. (2018.4)

MACEDONIA (F.Y.R.O.M):

ALL: More than 29000 addresses have been updated in Macedonia. (2018.4)

Demir Kapija: A1: a section of 28.2 km highway has been added between Demir Kapija and Smokvica (2018.4)

NETHERLANDS:

Hilversum: A27: exit 33 towards Hilversum has been reconstructed (2018.4)

Heerhugowaard: N194: over a stretch of 16 km between Heerhugowaard and highway A7 it has been reconstructed, more lanes and less crossings at grade (2018.4)

Hoogkarspel: N307: new stretch of 8 km and connecting ramps going around Hoogkarspel. Also known project N23.Westfrisiaweg (2018.4)

Wijthmen: N35: new a 2 km bypass around Wijthmen has been opened (2018.4)

Axel: N62: new ramps connecting to N686 towards Axel have been opened. (2018.4)

Rotterdam: N15: new Prinses Amaliaviaduct is built with new ramps, connecting N15 with industrial area 2e Maasvlakte (2018.4)

Amsterdam: Amsterdam: new built area has been added called Centrumeiland, part of IJburg

Amsterdam: Amsterdam Cornelis Lelvlaan: ramp connection to Delflandlaan has been closed and deleted from the map (2018.4)

Almere: knooppunt Almere; fly-over towards Lelystad has been moved. Now traffic towards Amsterdam keeps left and towards Lelystad right. (2018.4)

Dieren: N348: the route through Dieren has changed to a tunnel over a stretch of 1 km, with new connecting ramps (2018.4)

Heerlen: N300: Over a stretch of 25 km new ringroad Parkstad has been added going around Hoensbroek, Brunssum, Landgraaf and Heerlen. (2018.4)

Noord-Holland: As of 1 January 2019 there will be 12 city merges all over the Netherlands. These are now reflected on the map (2019.1)

Goes: A58: over a stretch of 9 km the speed limit changed from 120 to 130 km/h (2019.1)

Almere: A6: new ramps towards Almere Centrum (2019.1)

Terneuzen: N62: Tractaatweg new entries and exits towards Axel (2019.1)

Amsterdam: knooppunt Holendrecht A2/A9: new ramp connection between Amsterdam-Zuidoost and A9 (2019.1)

NORWAY:

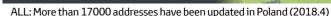
Sauherad: 36, A section of 7km has been adjusted and/or added. (2019.1)

Rana: E6, A section of 5km has been added (2019.1)

Sogndal: New roundabout and new bridge added - "Loftesnesbrui" (2019.1)

Larvik: E18, A section of 3,1km has been added. (2019.1)

POLAND:



Woj. Pomorskie: S7: A section of 19 km long express road has been added between Nowy Dwor Gdański and Kazimierzowo. The new stretch of road will improve traffic in the region. S7: A section of 20 km long express road has been added between Gdańsk (Koszwały) and Nowy Dwór Gdański. The new stretch of road will improve traffic in the region. (2018.4)

Woj. Mazowieckie: S7: A section of 25 km long bypass has been added around Radom. S8: A section of 30 km has been added between Ostrów Mazowiecka and the end of the voivoship. A section of 5 km long bypass has been added around Płock. (2018.4)

Woj. Wielkopolskie: S5: A section of 21 km has been added between Radomicko and Leszno

Woj. Warminsko-Mazur: S16/S51: A new 15km long bypass has been added around Olsztyn (Olsztyn Południe - Olsztyn Wschód). (2019.1)

Woj. Dolnoslaskie: S3: A section of 16 km long express road has been added between Jawor II and Bolkow, A section of 19 km long express road has been added between Legnica II and Jawor II. A section of 10 km long express road has been added between Lubin Północ and Lubin Poludnie. These 3 new stretches of road will improve traffic in the region. (2019.1)

PORTUGAL:

Seixal: Added new roundabout at intersection N10/N10-2. (2018.4)

Funchal: Added 521.43km ferry line from Funchal (Portugal) to Gran Canaria (Spain). Added 480km ferry line from Funchal (Portugal) to Santa Cruz de Tenerife (Spain). (2018.4)

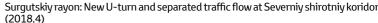
Portimão: Added 924.34km of ferry line Portimao-Funchal. (2018.4)

Lousã: Added new roundabout at N342 (2019.1)

ROMANIA:

ALL: More than 58000 addresses have been updated in Romania (2018.4)

RUSSIA:



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(2018.4)

Kaz: New roadway between Kaz and Tsentralnyi settlements. (2018.4)

Saint-Petersburg: New separated traffic flow at Krasnosel'skoe shosse. New path of prospekt Lenina. (2018.4)

Oktyabr'skiy rayon: New path and roundabout at Severniy shirotniy koridor road (2018.4)

Sibirskiy federal'ni: Opened new rout for highway R258/AH6/Baykal. The 4 km have been added that saves up to $10\,\text{Min}$ saves $1\,\text{km}$. (2018.4)

Moscow: There are a new bridge opened and massive geometry changes at Nizhnie Mnyovniki street. Opened a new junction at intersection the Varshavskoe shosse and Savitskogo street. (2018.4)

Tver': Opened 4 new junctions at intersection the highway M10 and Staritskoe street and prospekt 50 let Oktyabrya. (2018.4)

Bologoe: New section of road M11. A section of 177 km has been added around Bologoe (2018.4)

Lytkarino: Opened a new junction at intersection the highway M5/E30/Ural and Lytkarinskoe shosse. (2018.4)

Dolgoprudny: Opened new overpass across the railway on Puteprovod Vodniki. The $2\,\mathrm{km}$ has been added. (2018.4)

Nizhny Novgorod: A new road to Nizhny Novgorod airport has been opened. (2018.4)

Pryazhinskyi raion: New part of Federal-road A121 Sortavala opened. (2019.1)

Leningradskaya region: New Junction and new configuration of FC1 road Skandinaviya added (2019.1)

Orenburg: New road Obhod Orenburga opened (2019.1)

Saint-Petersburg: New junction on prospekt Nepokoryonnykh, Piskaryovskiy prospekt, Shafirovskiy prospect (2019.1)

Novosibirskaya oblast: New path of FC1 R254-Irtysh (2019.1)

 $Moscow \, region: The \, new \, path \, of \, toll \, road \, M11 \, is \, opened \, near \, Solnechnogorsk \, (2019.1)$

Moscow: Opened part of the new road "Severo-Vostochnaya Khorda" from "Shchyolkovskoe shosse" to "Otkrytoe shosse" (2019.1)

SERBIA:



ALL: More than 36000 addresses have been updated in Serbia (2018.4)

SLOVAK REPUBLIC:



Fričovce: The highway junction D1 Fričovce has been updated with regards to entrance and exit. (2018.4)

ALL: More than 50000 addresses have been updated in Slovakia (2018.4)

Nitra: 64: A section of 3,9 km has been added at Nitra. (2019.1)

SPAIN (including Andorra and Gibraltar):



Sevilla: SE-40: Open 14 km new motorway in Sevilla (2018.4)

Villena: Added a stretch of 4km of new highway A-33 from La Font de la Higuera city direction to Caudete city. (2018.4)

Cervera: New connection road between L-311b and A-2 roads around Cervera city and updated road beetwen Avinguda de Guissona inside BUA and this new road. (2018.4)

Mansilla de Las Mulas and Santa Martas: A-60: New stretch motorway in Mansilla De Las Mulas and Santa Martas (León). 21 km (2018.4)

Sabiñanigo: A-23: New stretch motorway in Sabiñanigo (Huesca). 4,5 km (2018.4)

Cambrils: N-340: Multidig and new connections at the same level with street Passeig Sant Joan Baptista de la Salle and Avinguda Adelaida (2018.4)

Santa Cruz de Tenerife: Vía Servicio Muelle de Rivería: New Tunnel geometry connecting with the Ferry Terminal (2018.4)

Toledo: New FC2 ramp to access N-400 from lateral road. (2018.4)

La Línea de la Concepción: New hospital in La Línea city and old one closed. (2018.4)

Huelva: Added new speed Train Station of Huelva (2018.4)

Santander: Added 1012km ferry line Cork-Santander (Ireland-Spain) (2018.4)

Cornellà de Llobregat: Two new roundabouts have been added in Passeig dels Ferrocarrils Catalans and this street has been extended until Avinguda del Baix Llobregat. (2018.4)

Balaguer: Added 2km of C-12: New stretch of Balaguer's ring road (2018.4)

Burgos: Government imposes 10 street names and 2 zone names due to the law "Ley de la Memoria Histórica" (2018.4)

Algimia de Alfara: Municipality name Algimia de Alfara has been changed to its valencian language name Algímia d'Alfara. (2018.4)

Benlloch: Municipality name Benlloch has been changed to its valencian language name Benlloc. (2018.4)

La Iglesuela: Municipality name La Iglesuela has been changed to La Iglesuela del Tiétar. (2018.4)

A Coruña: AC-308 and AC-311: new roudabouts have been added and include new road connections (2018.4)

Muxica: New tunnel simplifying the road path of BI-635. (2018.4)

Moaña: AG-46 (old CG-4.1) change from single dig national road to multidig motorway. (2018.4)

El Genovés: municipality name update adding particle El to Genovés. Now is El Genovés. (2019.1)

Villena: A-31: stretch of 2.5km of motorway updated. Also, geometry update of parallel road and ramp system of intersection A-31/CV-656 (2019.1)

Castromonde: Castromonde city: Geometry of Calle Extramuros has been modified to become the new bypass road at the west of city. (2019.1)

Valencia: A-3/V-30: Added a connector ramp between motorways A-3 and V-30 direction A-3 a V-30. (2019.1)

Granada: Intersection A-395/A-44: added a ramp that connects the A-44 with the A-395 that makes faster the access from Ogíjares and from the PTS to road Ronda Sur avoiding to drive until the roundabout of Zaidín and Comercial Center Nevada for destinations direction Jaén. (2019.1)

Ermua: Variante Sur de Ermua: Added a road that connects two FC2 roundabouts and goes parallel to the highway AP-8. (2019.1)

Valdefresno: N-601/LE-30: Some ramps of junction LE-30/N-601 has been updated in geometry. This ramp system will be followed by HERE until all the ramp system is completely open to traffic. (2019.1)

Córdoba: A-4: New Exit Ramp 404 in Córdoba (Andalucía) (2019.1)

Barlovento: Carretera de Circunvalación: New ring road finishing in New Roundabout in Barlovento city (Santa Cruz de Tenerife) (2019.1)

Viladrau: Improvement of centre line removing sharp curves on roads BV-5251 and GIP-5251 and input new stretch of road GIP-5251. (2019.1)

Manacor: New roundabout at intersection Avinguda des Tren, Avinguda d'Es Torrent, Avinguda de Mossèn Alcover. (2019.1)

SWEDEN:



Huddinge: New junction Lindvreten norra added in Kungens Kurva, Stockholm. Part of new ring road Förbifart Stockholm (2018.4)

Lidköping: Road 44 in Lidköping in new stretch, and new roundabout were connecting to road 184 (2018.4)

Göteborg: Southbound ramp in Tingstadsmotet removed and E6 moved geometry to the east (2018.4)

Norrtälje: E18 between Norrtälje and Kapellskär, 22 km have turned into a so called 2+1 road with divider. Intersections have moved or updated to overpass/underpass (2018.4)

Järfälla: Updated geometry in Junction Stäket, including a new roundabout and turn lanes (2018.4)

Lund: Road E6.02 between Flädie and Lund updated with moved intersections, divider added and speed limit changed (2018.4)

Lomma: Junction Flädie at E6 in Lomma Municipality updated geometry, including a new Roundabout (2018.4)

Göteborg: Updates around E45/Falutorget intersection, and diversion of traffic on several roads near E45, due to construction of Marieholm Connection. Junction Gullbergsmotet: A temporary ramp added, leading from E45 to E6, and two ramps temporarily closed due to construction (2019.1)

Askersund: Road 50 Askersund: New 2+1 road with many moved/closed intersections. (2019.1)

Kungälv: E6 Kungälvsleden: new geometry in junction Kungälvsmotet, the western part, including turn lanes and a new roundabout (2019.1)

Örebro: Road 50: new 2+1 road with changed intersections and a new junction Mogetorp. Speed limit changed to $100\,\text{km/h}$. (2019.1)

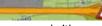
Borlänge: E16/70/50: new geometry of the roundabout Grådarondellen, including right turn lanes (2019.1)

Karlstad: Road 63: new 2+1 Road in Karlstad, including a new roundabout and changed intersections/junctions. Speed limit changed to 100 km/h (2019.1)

Gullspång: E20 Passing Hova: 8 km 2+2 road in partly new stretch and 2 km 1+1 in existing stretch. New junction at Hova and speed limit changed to 100 km/h (2019.1)

Haninge: Road 73/Junction Handen: Updated geometry in junction Handen, including 2 new roundabouts (2019.1)

SWITZERLAND:



Küssnacht: Südumfahrung Küssnacht: part of new bypass opened with new roundabout (2018.4)

Silvaplana: 3: new tunnel/bypass (nearly 1 km long) added (2018.4)

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Schaan: Poststrasse/Steckergasse: new traffic routing in city centre with new one ways and a one new road (2019.1)

Bern: Kirchfeldbrücke: after three month of construction this bridge has been opened for traffic again (2019.1)

Oftringen: Wiggertalstrasse: New local bypass with three new roundabouts has been opened for traffic (2019.1)

Lenzburg: 1/Badenerstrasse: new bypass added (due to 2.5 years of construction), roundabout removed (2019.1)

Schlieren: Spital Limmattal: opening of new building, geometry changed (2019.1)

Suhr; Bernstrasse West/Gränicherstrasse; new roundabout and new roads in adjacent builtup area (2019.1)

Muri bei Bern: Anschluss Muri bei Bern: changed ramps and new roundabout at on/off ramps intersecting Thunstrasse (2019.1)

TURKEY:

Mugla: A section of 4 KM has been updated at Muğla. (2019.1)

Izmir: A section of 61 KM has been updated in terms of speed limit, geometry and traffic signals between İzmir and Manisa. (2019.1)

Antalya: D-685 A section of 73 KM has been added and updated at Antalya. D400: A section of 6 KM has also been added. (2019.1)

Gaziantep: The Highway Junction D-850 has been updated at Gaziantep. (2019.1)

Diyarbakir: 16 KM new bypass added at northeast part of Diyarbakir between D-885 and D-360. (2019.1)

Erzurum: The Highway Junction D-062 has been updated at Erzurum. (2019.1)

Cankiri: D-765: A section of 4 KM road has been added at Cankiri. (2019.1)

UNITED KINGDOM:

Malton: B1250/Broughton Road realigned with new roundabout for housing (2018.4)

Crewe: B5076/Remer Street enlargement for new housing (2018.4)

Houghton Conquest: B530/Bedford Road new roundabout for housing (2018.4)

Sneinton: A612/Daleside Road roundabout realigned Nottingham Racecourse (2018.4)

Rushden: Rushden Lakes - A5001/Crown Way new roundabout and link road (2018.4)

Sunderland: New A1231/Northern Spire Bridge and approach roads in Sunderland (2018.4)

Thirsk: Dalton Lane, Thirsk realignment scheme for improved industrial estate access

Perth: A9/A85 junction reconfigured with new slip roads and roundabout removed for Perth Transport Futures scheme. Newly built B9993 Cross Tay Link Road added to the database. (2018.4)

Kegworth: New slip roads and widening of J24a of M1 at A50 & A453. A6 Kegworth Bypass opened (2018.4).

Newtown: Two new roundabouts for under construction Newtown Bypass added (2018.4)

Doncaster: New roundabout at entrance to Doncaster Sheffield Airport as part of A6182 FARRS new road project. (2018.4)

Bishopbriggs: Bishopbriggs Link Road completed and added to database. (2018.4)

Rugby: A new named place and administration area in Rugby created and named Houlton (2018.4)

Manchester Airport: M56/A555 upgraded to FC2 to connect to the under-construction A555 Manchester Airport Eastern Link Road (2018.4)

Aberdeen: The new A90 Balmedie - Tipperty fully opened (2018.4)

Newport: A new named place and administration area in Newport created, named Mon Bank (2018.4)

ALL: 25,000 ATM POIs have been added to the database (2019.1)

Beccles: New Beccles bypass added (2019.1)

Radlett: B556, Radlett new roundabout for housing development (2019.1)

Richmond: A6055, Brompton on Swale new roundabout (2019.1)

Worcester: B4084, Worcester new roundabout and Train Station Worcester Parkway (2019.1)

Glasgow: A77/B768/Pollokshaws Roads Junction layout changed (2019.1)

Bedford: 5km of A428 renumbered A6 in Bedford (2019.1)

Corby: A new named place and administration area in Corby created, named Little Stanion (2019.1)

Ely: A142 Ely bypass opened (2019.1)

Stockport: A555 Manchester Airport Eastern Link Road opened (2019.1)

Huntingdon: Major realignment of A1 to accommodate new route of A14, south of Huntingdon. (2019.1)

Belfast: A55/Kennedy Way/B102/Anderstown Road and A501/Falls Road roundabouts converted to junctions for Glider, Belfast's Bus Rapid Transit (2019.1)	
Sunderland: Roads newly numbered and renumbered as well as function class routing improvements following opening of Northern Spire Bridge (2019.1)	

Aberdeen: 60km of A90 renumbered A92 in preparation for forthcoming Aberdeen Wester

Leicester: A new named place and administration area in Leicester created, named New Lubbesthorpe (2019.1)

Bypass A90 road (2019.1)

Scarborough: A new named place and administration area in Scarborough created, named Middle Deepdale (2019.1)

Sherford: A new named place and administration area in Plymouth created, named Sherford

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