



TOYOTA

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BETTER WAY

# Touch & Go and Touch 2 with Go

Autumn 2018 map update release notes



4 more pages required in Autumn edition to fit information

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 2018

**Version:** 2018

**Database:** 2018.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 (FY.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, 2018

**Version:** 2018

**Database:** 2018.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 (FY.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.



**Keeping up to date with these and many more features:**

#### Full map navigation

Driver-friendly full map pan-European navigation with clear visual displays for signposts, junctions and lane guidance.

#### Speed limit and safety camera alerts

Drive safely with the help of a speed limit display and warning, including an optional speed warning setting. Alerts notify you of fixed safety camera locations (in countries where it is legal).

#### Intuitive detour suggestions

Real-time traffic information updates alert you to congestion ahead on your planned route. The system calculates potential delay times and suggests a detour to avoid the problem.

*\*Depending on local service availability.*

#### 3D city maps

In major cities, maps are enhanced by 3D images of notable buildings and landmarks along your route to make navigation easier and clearer than ever before.



## 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 (2017.Q3) to the current map update (2018.Q1), HERE Technologies has added or modified:

**For accurate guidance:**

+ 2,7 M street names

+ 20,000 roundabouts

+ 200 000 one-way roads

**For safe travel:**

+ 890,000 km of roads

+ 300 000 speed limits

+ 174,000 turn restrictions

**For convenience:**

+ 500,000 signpost information

+ 4,4 M 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](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/](http://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...  
included in your new map update (2017.3 - 2018.1):

### Albania:

8 new 3D Landmarks have been added (2017.3)

358 POIs added throughout Albania in several categories (2017.4)

New 1.212km of highways/motorways and national road network are coded with lane attributes (Lane markings, Lane types) throughout Albania (2018.1)

E762/SH1: A section of 3km has been updated in Shkoder (2018.1)

E852/SH3: A section of 3km has been added between the interchange leading to Petrele settlement and Tirana East Gate Shopping Mall (2018.1)

SH4: A section of 1km has been added near Mbrostar settlement (2018.1)

E852/Unaza e Madhe: A section of 2.5km of new motorway has been added between in Tirane (2018.1)

### Austria:

Kühnsdorf, B82: new roundabout added at intersection with the road "Mitte" (2017.3)

Sankt Kanzian am Klopeiner See, L116: new roundabout added at the intersection with the road "Seenweg" (2017.3)

Mannersdorf an der Rabnitz, B61a: the 10km-long road has been added between Oberpullendorf and Rattersdorf (2017.3)

Südgürtel: the 2km-long road has been added in Graz (2017.3)

Graz, B70: The Geometry at the intersection B70/Anschlussstelle Graz-Webling has been changed. A Bridge has been dismantled. (2017.3)

Around 145.000 Addresses (Point Addresses) have been added and about 135.000 Addresses (Point Addresses) have been updated all over the country (2017.4)

Schwarzach im Pongau: new street names and address ranges added (2017.4)

L704: this road has been damaged and partly destroyed by hillside slides: 18 km of this road have been closed for traffic in database until re-opening (2017.4)

Postal Codes Austria: Postal Codes have been updated in the following 12 municipalities: Sankt Martin (Gmünd), Sankt Leonhard am Hornerwald, Elsbethen, Griffen, Bad Hall, Preding, Schöffern, Deutsch Goritz, Straden, Sankt Kathrein am Offenegg, Strobl, Raaba-Grambach (2017.4)

Gnas, L211: 500m-long connection to the road L218 added (2017.4)

Weiz, B72: new roundabout added at the intersection with the Büchlstraße (2017.4)

Stockerau, B3: new roundabout added at the intersection with the road L1127 (2017.4)

Hezogenburg, L110: new roundabout added at the intersection with the road L220 (2017.4)

Langenlois, L55: new roundabout added at the intersection with the road Hartriegelstraße (2017.4)

Judenburg, B77: new roundabout added at the intersection with the road Hauptplatz (2017.4)

Bruck an der Mur, B116: new roundabout added at the intersection with the Oberaichstraße (2017.4)

Sankt Pantaleon-Erla, B123: the new 2.5km-long bypass Windpassing-Pyburg has been added (2017.4)

B38: the new 10km-long bypass around Zwettl has been added (2017.4)

B45: the new 2.5km-long bypass around Laa an der Thaya has been added (2017.4)

Sankt Antom am Arlberg, Klösterle: S16: Arlbergtunnel has been re-opened again after closing due to construction (2017.4)

Oberndorf bei Salzburg, B156: new roundabout added at the intersection with the road L205 (2017.4)

Obertrum am See, L101: new roundabout added at the intersection with the road Hauptstraße (2017.4)

Saalfelden am Steinernen Meer, B164: new roundabout added at the intersection with the road Leoganger Straße (2017.4)

Edling: B115: new roundabout added at the intersection with the road L116 (2017.4)

Graz: bicycle information in the entire city has been added (2018.1)

Postal Codes have been updated in the entire municipality of Sankt Bernhard-Frauenhofen (2018.1)

Schleifenstraße: new 200m-long road connecting the L137 and the Schleifenstraße opened (2018.1)

Wolfsberg: L137: new railway underpass and roundabout at the intersection with the road Bahnhofspatz added (2018.1)

Umfahrung Aham: new 600m-long bypass has been added (2018.1)

Wien, Hirschstettner Straße: new roundabout added at the intersection with the road Siebenbürgerstraße (2018.1)

B147: the 3km-long bypass "Umfahrung Munderfing" has been opened for routing/navigation purposes (2018.1)

Leibnitz: L611: new roundabout added at the intersection with the road Sailergasse (2018.1)

Kittsee: B50: new roundabout added at the intersection with the L208 (2018.1)

B148: New roundabout with bypasses at the intersection with the road B156 (2018.1)

### Belgium:

N409/Steenweg op Deinze: Roundabout and connection towards Tieltsesteenweg (N37) has been added in Aalter (2017.3)

Zaventem, Brussels Airport has been updated (2017.3)

De Ring/N115b: A section of 1km has been added to the existing bypass in Brecht (2017.3)

Gent: The city center of Gent has been updated according to the new traffic circulation plan (2017.3)

R4/Langerbruggestraat: New ramp interchange has been added in Oostakker. (2017.4)

A11: A section of 12km motorway has been added between N31 (Brugge) and N49 (Westkapelle) (2017.4)

Hospital name changed from "AZ Sint-Augustinus" in Veurne to "AZ West" (2017.4)

Golf course "The National Golf Brussels" has been added in Sterrebeek. (2017.4)

E420/Contournement de Couvin: the 4km-long bypass around Couvin has been added. (2018.1)

Herstal: E40: new motorway entrance at interchange Herstal has been added. (2018.1)

Hospital Maas en Kempen has been added in Maaseik (2018.1)

Ijzerlaan: Ijzerlaanbridge has been removed in Antwerp. (2018.1)

E313: renewed ramp interchange "Tongeren" has been updated. (2018.1)

### Bosnia Herzegovina:

Zenica, Talića brdo: A new roundabout has been added at the intersection of the roads Talića brdo/Londža (2017.3)

Banovići, Ulica Branka Banovića: A new roundabout has been added (2017.3)

Mostar, Ulica kralja Zvonimira: A new roundabout has been added at the intersection with roads Ulica kralja Zvonimira/Bulevar Hrv.branitelja/Ulica de Ante Starčevića (2017.3)

Foča, 116 new point addresses have been added (2017.3)

Sarajevo: 29.571 new point addresses have been added and 9.587 has been updated (2017.3)

Jajce: Kulina bana: A new roundabout has been added at the intersection of the roads Kulina bana/Stjepana Tomaševića. (2017.4)

5736 points addresses have been added/updated in Bijeljina. (2017.4)

Mohovljanks petlja-Drugović: the 30km-long bypass has been added around city of Laktasi (2018.1)

Sanski Most, M15: New roundabout has been added on streets Ulica Prijedorska-M15-Pobrijeđe (2018.1)

3948 Point addresses added in city of Bijeljina and 4002 Point addresses added in city of Banja Luka

### Bulgaria:

6 new 3D Landmarks have been added in Bulgaria (2017.3)

760 POIs updated throughout Bulgaria (Several categories) (2017.3)

New 3.400 kms of highways/motorways and national road network are coded with lane attributes (Lane markings, Lane types) throughout Bulgaria (2017.3)

122 Point addresses have been added throughout Bulgaria (2017.4)

Ruse, 2/E85/E70: New tolls have been added on the country borders with Romania (2017.4)

Vidin, 1/E79: New tolls have been added on the country borders with Romania (2017.4)

586 POIs added throughout Bulgaria (Several categories) (2017.4)

Bratya Daskalovi, A1/Magistrala Trakia: The Motorway exits near Orizivo settlement has been added (2017.4)

Burgas, Ulica Krayezerna/Blvd Prof Yakim Yakimov: A section of 5km has been updated in terms of Synergy attributes (Speed limits, Speed category, traffic signs etc.) (2017.4)

Petrich, A3/E79/Magistrala Struma: The Motorway exit near Marikostinovo settlement has been added (2017.4)

398 km's of neighborhood roads have been added throughout Bulgaria (2018.1)

New border crossing added at the borders with Romania. The border crossing point is near Kaynardzha settlement (2018.1)

1325 Point addresses have been added throughout Bulgaria. (2018.1)

#### Croatia:

Belišće, Ulica kralja Tomislava: A new roundabout has been added at the intersection of the roads Ulica kralja Tomislava/Matije Gupca (2017.3)

Orahovica, Trg Svetog Križa: A new roundabout has been added at the intersection of the roads Trg Svetog Križa/Ž4030/Vijenac Zrinskih i Frankopana/Trg Plemenitih Mihalovića/Ž4070 (2017.3)

Rovinj, Istarska ulica: A new roundabout has been added at the intersection of the roads Istarska ulica/Omladinska ulica (2017.3)

Zadar, Ulica Stjepana Radića: A new roundabout has been added at the intersection of the roads Ulica Stjepana Radića/Ulica Andrije Hebranga (2017.3)

A new roundabout has been added at the intersection of the roads Kralja Tomislava/Ž5091/Tina Ujevića. Geometry adjusted in the center of Crikvenica - new road and square (2017.3)

Velika Gorica, Ulica Matice hrvatske: A new roundabout has been added at the intersection of the roads Ulica Matice hrvatske/Ulica Slavka Kolara (2017.3)

Varaždin, Ulica grada Verone: A new roundabout has been added at the intersection of the roads Ulica grada Verone/Ž2072 (2017.3)

Čakovec, Ulica Ivana Sokača: A new roundabout has been added at the intersection of the roads Ulica Ivana Sokača/Ulica Tomaša Goričanca (2017.3)

The 1.7km-long bypass has been added in Poreč (2017.3)

12 new street names and 73 new Point addresses have been added in Zagreb (2017.3)

The Built-Up Area road attribute has been added through the entire country. The attribute indicates whether a link is inside or outside a built-up area which is primarily identified by the built-up area sign (2017.3)

The 5.6km-long road has been added between Zabok and Krapina (2017.3)

Ulica Rudolfa Fizira: New Zagreb Airport and connection geometry has been added (2017.3)

The 4800 km of high level roads in Croatia have been updated with Lane Attribution (2017.4)

“Point of interests have been added/updated all over the country (all categories except for Auto/Motor/Truck Dealership and ASM/539 have been added; 349 deleted; 1026 updated) (2017.4)

Samobor, Bobovica: A new roundabout has been added in Bobovica settlement. (2017.4)

Two new roundabouts have been added in Zagreb (one in Jablanska ulica and one on Britanski trg) (2017.4)

D34: 1km-long bypass has been added on the D34 road in Petrijevci (2017.4)

Kula Norinska, A10: Highway from Bosnian border until junction Ploče (A1) renamed to A10. (2017.4)

D8: The 4.8km-long bypass has been added near city Vodice. (2017.4)

225: New bypass has been added in the city of Zapresic (2018.1)

The 10km-long new bypass has been added around Virovitica (2018.1)

2956 Point addresses have been added in the city of Cavle (2018.1)

28 cities have been updated in terms of navigable attributes, road geometry and Point of interests (2018.1)

Varazdin, Ulica Miroslava Krleze: New roundabout has been added at the intersection of streets Ulica Miroslava Krleze and Ulica Kresimira Filica (2018.1)

New roundabout has been added in Rijeka. (2018.1)

Zagreb, Jankomir: New roundabout has been added at the intersection of the roads Jankomir and unnamed road (2018.1)

Sisak, Ulica Kralja Tomislava: New roundabout has been added at the intersection of the streets Ulica Kralja Tomislava/Ulica Ljudevita Gaja/Ulica Josipa Runjanina (2018.1)

Zagreb, Miramarska cesta: New roundabout has been added at the intersection of Miramarska cesta and Cazmanska ulica (2018.1)

206: New roundabout has been added in city of Krapina (2018.1)

#### Czech Republic:

The complete road network in 54 cities from state Moravskoslezský kraj has been updated from motorway/highways to neighborhood streets (2017.3)

9: The 3km-long bypass has been added around Dubá (2017.4)

The complete road network in 9 cities from county Bruntál has been updated from motorway/highways to neighborhood streets. (2018.1)

The complete road network in 103 cities from state Jihomoravský kraj has been updated from motorway/highways to neighborhood streets. (2018.1)

The complete road network in 54 cities from state Moravskoslezský kraj has been updated from motorway/highways to neighborhood streets. (2018.1)

D3: A section of 6km has been added between city Veselí nad Lužnicí and Bošilec. (2018.1)

D3: A section of 4km has been added between city Borek and Úsilné. (2018.1)

11: A section of 10km has been added between city Nebory and Bystřice. (2018.1)

D4: A section of 5km has been added between city Dubenec and Skalka. (2018.1)

D11: A section of 3km has been added between city Hradec Králové and Osičky. (2018.1)

34: The 6km-long bypass has been added around Božejov, Ústrašín, Ondřejov. (2018.1)

#### Denmark:

Herning, Messemotorvejen: A section of 8.5 km new motorway has been added (2017.3)

Næstved, Ring Syd: A 4km new bypass has been added between ‘Ny Præstøvej’ and ‘Vordingborgvej’. (2018.1)

Vesthimmerland, Aars Ringvej: A 6km new bypass has been added between ‘Løgstørvej’ and ‘Aggersundvej’ (2018.1)

København: Hospital Rigshospitalet has been updated with One way streets and Parking garage (2018.1)

Høje Taastrup, Holbækmotorvejen: The Highway exit number 6 western direction, has been added (2018.1)

#### Estonia:

Summer speed limits have been rechecked and updated countrywide (2017.3)

680 new laces have been added and 5.500 have been updated countrywide in following categories: Bank, ATM, Shopping Center, Grocery Store, Coffee Shop and Sport Facilities (2017.3)

170 Street names has been added in Estonia countrywide (2017.3)

Estonia: Lane Attribution has been added on National importance roads (FC1) in total distance 583 km (2017.4)

E20: 1.2km of road 1/E20 has been updated due to significant geometry change and 2 Ramp Systems have been added in Sillamae (2017.4)

E265: 4km of new Multiply Digitized road 11/E265 has been added near Juuliku and Saku, Harju Maakond due to reconstructed road (2017.4)

Estonia: 9,450 Point Addresses have been added across the country (2017.4)

Estonia: Ferry Routes 100% checked and updated countrywide - 2 new have been added: Ringsu-Munalaid and Ringsu-Parnu and 5 existing ones have been updated. (2017.4)

E264: 1.5km of new Dual Carriageway road has been added on 11 (E264) route - Tallinn bypass in Estonia, Saku (2018.1)

Estonia: 830 Directional Signs have been added on main road network countrywide (2018.1)

Estonia: 2,107 new Settlements and Name Places have been added Countrywide, reaching 4730 Settlements in total. (2018.1)

Estonia: Countrywide Administrative reform completed, 217 City Level (vald) Administrative units have been merged into 79. (2018.1)

#### Finland:

Vt6: A new bypass section of 11.4 km has been added in Luumäki (2017.3)

E75: Detour for 1.5km have been restored to original path after few years of construction in Helsinki (2017.4)

Vt4/E75: A new 2.5km stretch has been updated with new junction in Äänekoski (2017.4)

E67: New geometries in the harbor area has been added in Helsinki (2017.4)

E12: New path of 0.5km have been added to E12 in Laihia. (2018.1)

#### France (including Monaco):

N57: New, 5km-long bypass has been added in Saulx. It allows to avoid the crossing of the city (2017.3)

D706: New, 1.8km long bypass has been added in the north-east of Fougères; the ring of Fougères is now fully completed to avoid the city (2017.3)

A68: New interchange 5, added between Toulouse and Albi on the motorway in the city of Saint-Sulpice la Pointe (2017.3)

Paris: A new 3D Landmark has been added for the Presidential palace, Palais de l'Elysée (2017.3)

D17: The 1.2km-long bypass has been added around Réclainville (2017.3)

Dardilly, D306: the junction with N489 has been updated with an entry ramp removed (2017.3)

Pont de Tancarville: the junction with D910 and D982 has been updated with regards to entrances and exits (2017.3)

D938: New, 9km-long bypass has been added in Brion-près-Thouet. It allows to avoid the crossing of this city (2017.3)

N569: New, 3km-long bypass has been added in Miramas. It allows to avoid the crossing of the city center (2017.3)

N10: A new section of 2X2 lanes during 6.6km has been added to the south of Barbezieux-Saint-Hilaire (2017.4)



D3089: New, section of 0.6km has been added in Ussel; the D3089 is now fully completed between D982 and D1089 to avoid Ussel by the north (2017.4)

N19: The 3km-long bypass has been added around Bouhans-lès-Lure (2017.4)

N489: A section of 1km has been added in Dardilly (2017.4)

Bailly-Romainvilliers, A1: The highway junction at exit 14 has been updated with new ramps leading to new Disneyland Resort Paris complex “Villages Nature” (2017.4)

D1032: A section of 7km has been added between Ribécourt-Dreslincourt and Noyon (2017.4)

A9: New, 12km-long motorway has been added in Montpellier to avoid the crossing of the city; the former one has been renamed A709 (2017.4)

D771: New, 1.2km-long bypass has been added in Treffieux; it allows to avoid the crossing of the city (2017.4)

The highway junction “La Croix Verte” has been updated with new ramps, roundabouts, and a 1 km long new section of road in Baillet-en-France (2018.1)

The new terminal “Lyon-Saint-Exupéry-Terminal 1 Hall A” has been added in Lyon Airport (2018.1)

The new national importance stadium “U Arena” has been added in Nanterre (2018.1)

The interchange between D673 and D906 has been updated with new ramps in Saint-Rémy (2018.1)

D8: The 2.5km-long bypass has been added around Sury-le-Comtal (2018.1)

A23: Interchange at exit 7 has been updated with 2 new ramps in Petite-Forêt (2018.1)

D612 A: New interchange, added between D28 and D612 A in the city of Bessan (2018.1)

Dijon: Opening of the new Hospital “Hôpital privé Dijon Bourgogne” (2018.1)

Route de Tarascon, Avenue Saint-Ruf: Some directions of travel have been updated in Avignon due to the construction of the first line of Tramway (2018.1)

D767: A new section of 2X2 lanes during 3.9-km has been added around of Colpo (2018.1)

#### Germany (including Lichtenstein):

B25: New 1.4km-long bypass has been added in Fremdingen (2017.3)

Aachen, A4/A44: Ramp at Autobahnkreuz Aachen has been closed due to construction (2017.3)

B472: New 4.3km-long bypass has been added in Hohenpeißenberg (2017.3)

B2: New 2.5km-long bypass has been added in Weißenburg-Gunzenhausen (2017.3)

A31: The highway exit Kirchhellen-Nord has been renamed in Bottrop-Feldhausen (2017.3)

K37N: New 1km-long bypass has been added in Kaarst (2017.3)

B56N: 8km long bypass has been added between Heinsberg and Gangelt. The B56N connects the A46 with the Dutch A2 and saves up a lot of time (2017.3)

Cologne, A4/A555: New ramp at Autobahnkreuz Köln-Süd has been opened (2017.3)

B311: New 2.8km-long bypass has been added in Unlingen (2017.4)

B39: A section of 1km has been added in Heilbronn as BUGA will take place on old B39, Kalistraße (2017.4)

B7: Bundesallee has been opened after construction period in Wuppertal. (2017.4)

K939: New 1km-long bypass has been added in Sinntal (2017.4)

A46: A new roundabout has been added at Anschlussstelle Hückelhoven-West (2017.4)

A1: Northbound off- and on-ramps of junction Bad Schwartau are closed due to roadworks (2017.4)

B417: A section of 2km has been upgraded at Nassau (Lahn) (2017.4)

Zeppelinstraße: Railway bridge Zeppelinstraße in Bautzen under construction until end of 2018 (2017.4)

A1: Ramp at Autobahnkreuz Köln-Niehl has been opened after construction period (2017.4)

A31: The highway exit Dorsten-West has been renamed in Dorsten (2017.4)

Autobahnkreuz Aachen: Ramp has been opened after construction period in Aachen (2018.1)

L1161: New 2.3km-long bypass has been added in Bargau (2018.1)

L87: New roundabout has been added in Renchen, Oberkirch (2018.1)

K1067: New roundabout has been added in Gärtringen (2018.1)

L1080: New roudabout has been added in Gschwend (2018.1)

Buselohstraße: New bridge and roundabout has been opened in Bochum (2018.1)

B61N: A section of 16km has been added at Bad Oeynhausen (2018.1)

“A33: A section of 20km has been added at Bielefeld” (2018.1)

A1/A4: New ramp has been added at Autobahnkreuz Köln-West (2018.1)

B27: New 2.4 km-long bypass has been added in Hauneck (2018.1)

B28: New roundabout has been added in Freudenstadt (2018.1)

B196: New roundabout has been added in Zirkow (2018.1)

St2080: New 2.5km-long bypass has been opened in Grafing/München (2018.1)

A46: Ramps at Dreieck Holz have been opened after construction period in Jüchen (2018.1)

B20/DGF3: New ramp system has been added in Landau an der Isar (2018.1)

A92/B20: New ramp has been added at Anschlussstelle Landau a.d. Isar (2018.1)

B51/B50: New roundabout has been added in Bitburg (2018.1)

B185/L133: New roundabout and new bridge over Mulde has been added in Dessau-Roßlau (2018.1)

St2018: New 1km-long bypass has been opened in Obenhausen (2018.1)

A44: Ramp at AS Heiligenhaus-Hetterscheidt has been opened after construction period in Velbert (2018.1)

St2308: New 1.3km-long bypass has been added in Eschau (2018.1)

B11/B85: New roundabout has been added in Patersdorf (2018.1)

A3: New Ramps have been added at Anschlussstelle Marktheidenfeld (2018.1)

L332N: New 2.1km-long bypass has been added in Eschmar (2018.1)

B51: New 4km-long bypass has been added in Konz Könen (2018.1)

L63: 1km-long bypass has been added in south of Calbe (2018.1)

#### Greece:

A8/E65/Olympia Odos: The highway intersection of Xylokastro has been updated with regards to entrance and exit (2017.3)

Amfilochia, A5/E55/Ionia Odos: The highway intersection of Amvrakia has been added (2017.3)

Fyteies, A5/E55/Ionia Odos: The highway intersection of Kouvaras has been updated with regards to entrance and exit (2017.3)

Chalkeia, Mesologgi, Aitoliko; A5/E55/Ionia Odos: A section of 37 km of highway has been added between Klokova tunnel and Kefalovryso settlement (2017.3)

Kato Olympos, Anatolikos Olympos, Ampelakia; A1/1/E75/Ethniki Odos Larisas-Thessalonikis: A section of 31 km of highway has been added between Tempí and Skotina (2017.3)

Anogeio, Xirovounio, Agios Dimitrios; A5/E951/Ionia Odos: A section of 37 km of highway has been added between Arta and Perdika (2017.3)

Naousa: A section of 4km of highway has been added near Stenimachos settlement (2017.3)

3.134 POIs updated throughout Greece (Several categories) (2017.3)

New 13.150kms of moderate speed roads are coded with ADAS Enhanced geometry attributes in Attiki, Grevena, Kozani, Pieria, Rodopi, Thessaloniki, Xanthi, Kavala, Serres, Preveza, Evros counties (2017.3)

New 3.903km of highways/motorways and national road network are coded with lane attributes (Lane markings, Lane types) in several Prefectures (2017.3)

20 cities have been updated in terms of navigable attributes from moderate speed roads to neighborhood streets (2017.3)

27.268 Point addresses have been added in 5 cities: Chalandri, Lamia, Agios Stefanos, Kalyvia Thorikou, Pyrgos (2017.3)

A5/E55/Ionia Odos: The motorway Junction Komvos 3 (near Evinochori settlement) has been added in Iera Polis Messolongiou (2017.4)

8A/A8/E65/Olympia Odos: The motorway Junction Komvos Zevgolatiou has been added (tolls were also added) in Vocho (2017.4)

A5/E55/Ionia Odos: The motorway Junction Komvos Angelokastro has been added in Angelokastro. (2017.4)

Messologgi, A5/E55/Ionia Odos: New tolls have been added near Klokova tunnel, Kouvaras Interchange and Mesollogi Interchange (2017.4)

A5/E951/Ionia Odos: A section of 14km of highway (including 2 new interchanges) has been added between Perdika settlement and Egnatia Odos in Agios Dimitrios, Bizani (2017.4)

A5/E951/Ionia Odos: A section of 30km of highway has been added between Amfilochia and Arta cities in Amfilochia, Kompoti, Menidi, Peta (2017.4)

A29/Koromilias-Krystallopigis: A section of 20km of highway has been added between Komvos Koromilias (Koromilia interchange) and Krystallopigi settlement (2017.4)

16: The 6km-long bypass has been added near Arnaia (2017.4)

583/Glafkou: The 2km-long road (oneway direction) has been added in Patra (2017.4)

8A/A8/E65/Olympia Odos: A section of 2km of highway (including tunnels) has been added near Akrata city (2017.4)

8A/A8/E65/Olympia Odos: A section of 3.5km of highway (one direction highway - including Panagopoula tunnel) has been added between Psathopyrgos and Lampiri settlements in Erineos. (2017.4)

9/E55/Ethinki Odos Pyrgou-Kyparissias: The 3km-long bypass has been added near Pyrgos (2017.4)

A25/E79/63/Ethniki Odos Serron-Promachona: A section of 5km of highway has been added between Komvos 8 (Interchange 8) and Christos settlement in Lefkonas (2017.4)

16/Thessalonikis-Arnaïas: A section of 2.5km has been added near Galatista settlement in Anthemountas (2017.4)

A5/E55/Ionia Odos: A section of 6km of highway has been added between Klokova tunnel and Antirrio settlement (2017.4)

New 7,413 kms of moderate speed roads are coded with ADAS Enhanced geometry attributes in Aitolokarnania, Arkadia, Chalkidiki, Irakleio, Lakonia, Messinia counties (2017.4)

519 intersections were updated within the metropolitan area of Athens in terms of Natural Guidance attributes (2017.4)

2901 POIs have been added and 5669 POIs were updated throughout Greece (Several categories) (2017.4)

59 cities have been updated in terms of navigable attributes from moderate speed roads to neighborhood streets (2017.4)

34 530 Point addresses have been added in 7 cities: Pyrgos, Florina, Komotini, Agioi Anargyroi, Kamatero, Cholongos, Kalamata (2017.4)

Parakampsi Spartis: A section of 17km has been updated between Sparti and Agios christoforos settlement (2018.1)

A71: A new Motorway junction has been added near Fountaiika settlement in Pellana (2018.1)

E952/38/Ethniki Odos Lamias-Karpenisiou: A section of 6km has been added near Makrakomi city (2018.1)

59/Messorachis-Amfipolis: A section of 29 km has been updated between Interchange 28 (Egnatia odos) and Messorachi (2018.1)

12/Ethniki Odos Serron Dramas: A section of 77km has been updated between Serres and Drama (2018.1)

5 hospitals were in reality closed and were removed from the map: Amalia Flemigk, Geniko Nosokomeio Patision, Eidikon Pathiseion, Maragkopouleion, Perifereiako Gen. Nosokomeio Alexandroupolis (2018.1)

8A/A8/E65/Olympia Odos: 6 New tolls have been added near the interchange leading to Kalavrytra, Rio, Elaionas, Derverni, Akrata, Drepano (2018.1)

A5/E55/Ionia Odos: New tolls have been added near Menidi, Arta, Terovo, Gorgomylos (2018.1)

376 intersections were updated within the metropolitan area of Athens and Thessaloniki in terms of Natural Guidance attributes (2018.1)

348 km of motorways/highways and national road network have been updated in terms of Directional signs attribute. (2018.1)

9 cities have been updated in terms of navigable attributes from moderate speed roads to neighborhood streets (2018.1)

7179 POIs updated throughout Greece (Several categories) (2018.1)

New 3386 kms of highways/motorways and national road network are coded with lane attributes (Lane markings, Lane types) in several Prefectures (2018.1)

1.988,913 2D footprints (buildings) were added throughout Greece (2018.1)

## Ireland:

N16: A section of 1.5km has been added between Blacklion and Manorhamilton, removing a series of dangerous bends (2017.3)

Dublin City Centre: A 30km/h speed limit has been extended to all residential streets within Dublin's Grand and Royal Canal. Extending the city center 30 km/h zone to approx. 220 km of streets (2017.3)

N17: A section of 1.5km has been realigned between Ballindine and Milltown, at Carrownurlaur (2017.3)

N61: A section of 1km has been realigned between Boyle and Tulsk, in the area of Ratalen (2017.3)

St. Francis Bridge: A section of new bridge has been added in Kilkenny City, part of the Central Access Scheme. Creating a new link through the centers of the city. (2017.4)

N59: A section of 1km has been added between Westport and Newport, removing a series of dangerous bends. (2017.4)

Letterkenny, N56: The Kiltroy Roundabout has been added along with a new section of the Business Park Road, removing two dangerous junctions. (2018.1)

Galway, M17 & M18: The 52km-long motorway has been added between Gort and Tuam. The scheme includes four new junctions found at the existing N18, the M6 motorway, the N63 at Annagh Hill and the N17. The scheme also includes a new 4km bypass around the town of Tuam. (2018.1)

N56: A section of 3km has been added between Glenties and Dungloe, the realignment has removed a series of dangerous bends. (2018.1)

## Italy (including the Vatican City and San Marino):

A4: New motorway exit for Settimo Cielo shopping center has been added (2017.3)

Many, Postal Code update: New postal codes, released by National Postal Service (Poste Italiane), have been added for 11 municipalities and 38 districts (2017.3)

Caltanissetta, SS640: A stretch of 4km has been closed due to long-term construction status (2017.3)

Civitella Paganico, SS223: New path of the road 'Strada di Grande Comunicazione Grosseto-Fano', with new double roadbed for 1.5km has been added (2017.3)

Mormanno (CZ), A2 motorway: The new tunnel named "Galleria Campotenese", 1.5 km long, has been added (2017.3)

Bologna, Via Piero Gobetti: New tunnel bypassing Navile area (2017.3)

Giussano, SS36: The highway exit 'Svincolo Briosco' have been updated and opened to the traffic (2017.3)

Civitella Paganico, SS223: New path of the road 'Strada di Grande Comunicazione Grosseto-Fano', with new double roadbed for 3.5km and new tunnels has been added (2017.3)

Circonvallazione di Predosa: The new ring road, bypassing the main BUA, 3.5km-long, has been added (2017.3)

Circonvallazione di Galatina: The new ring road to the main BUA, 1.5km-long, has been added (2017.3)

Agrigento, Caltanissetta; SS640, Strada Statale di Porto Empedocle: The new name "Strada Statale degli Scrittori" has been added on the whole path (2017.3)

Torino, Corso Grosseto: closure of the bridge and the connection with Corso Potenza (2017.4)

Scandicci, A1 motorway: the new exit named Villa Costanza to the Park and Ride for Firenze city center have been added (2017.4)

SP335: new exit system with bridge, ramps and roundabout in Maddaloni (2017.4)

SS729 Sassari-Olbia: new stretch of double roadbed, 2km-long in Ozieri (2017.4)

Messina, A20, Svincolo Messina-Giostra: opening of the ramp coming from Catania to the northern area of the city (2017.4)

SR429var: the new road, 4km-long, connecting the motorway with the southern area of Empoli, have been added (2017.4)

SS223. Viadotto Farma: the old single digitized bridge has been closed and will be dismantled, while the new multidigitized bridge have been added in Civitella Paganico (2017.4)

Milano Airport: the new train station at the T2 terminal of Malpensa airport have been added in Fermo (2017.4)

Largo Brindisi: after the opening of the subway station "San Giovanni", the road has been opened and the network updated in Roma (2017.4)

SS63var: the new 1.5km tunnel named "Bocco", bypassing BUA, have been added in Casina (RE) (2017.4)

SS131: the speed limit has been elevated to 110 km/h for a stretch of 10km between km 35,00 and 45,00 in San Luri, Sardara (2017.4)

SP69: the new stretch of 11km has been added in Garaguso, Ferrandina, Stigliano (2017.4)

Mappano, Casalo del Manco, Administrative Update: from May 2017 the new municipality of Mappano (Torino province) and Casali del Manco (Cosenza) and have been created. (2017.4)

Firenze, Milton-Strozzi underpass, Florence: new underpass and connectivity with local arteries bringing to Florence city center (2017.4)

A10 motorway: the exit formerly known as 'Svincolo Genova Voltri' have changed name to 'Svincolo Genova Pra' (2017.4)

Ragusa, NOR Nuovo Ospedale Ragusa Giovanni Paolo II hospital: the city hospital (including First Aid area) have been moved from the city center to the new location, in Via Vittorio Tiralongo (2017.4)

SP116, Orio al Serio Airport: the former artery accessing the terminal from south became a pedestrian connection. (2017.4)

Impruneta, SR2 Via Cassia-RA3 Raccordo Autostradale Firenze-Siena: new 3 km bypass to the built-up area of Galluzzo (Firenze Area) have been added (2017.4)

SS12: geometry of the road has been moved for a stretch of 1.5km in Salerno (2018.1)

SP17A: the new stretch of Roverbella ring road, 1.5km-long, has been added. (2018.1)

SS76: a new stretch of 5km, mainly in tunnel, have been opened in Fossato di Vico (2018.1)

Fabriano, SS76: the exit of Borgo Tufico and the main road path have strongly changed for a stretch of 2.5 km. (2018.1)

Altamura, SS96: the exits at Altamura North and at Mellitto train station have been totally renewed and strongly changed. (2018.1)

Interconnessione A4-A35: the new highway-to-highway connection between the two motorways A4 and A35 has been added in Brescia (2018.1)

A5, Svincolo San Giorgio Canavese: the motorway exit has been fully renewed and deeply modified. (2018.1)

Casalmaggiore, SPEXSS343: the bridge overpassing the Po river have been closed for construction for at least 9 months. Artery network have been adjusted accordingly. (2018.1)

Tangenziale Occhiobello-Santa Maria Maddalena: the new bypass between SS16 and SR6, 2.5km-long, have been added in Occhiobello (2018.1)

SS49: the new exit ramp system along FC2 have been added in Brunico (2018.1)

Paderno Dugnano, Milano Tangenziale Nord: the connection between the highways Milano-Meda and Rho-Monza have been modified (2018.1)

SS534: closure of the stretch between Altomonte and Sibari-Firmo exits in Castrovillari (2018.1)

**Kosovo:**

607 km of major roads have been updated with Advanced navigation attributes (ADAS) (2017.2)

Malisheve, M-9: Display characteristics and attributes are updated on section of 17 km-long road. Now there are two lanes in every direction available (2017.2)

60 çkm-long highway has been added between Prishtine and Ferizaj (2017.2)

New settlement Kciq I Madh has been added (2017.2)

2.2km-long road with 2 roundabouts has been added in Prishtina (2017.3)

Mitrovica Jugore, 8km-long road with 4 roundabouts has been added in Prizren (2017.3)

The 6km-long high-level road has been added in Municipality Vushtrri (between Milloshevë and Pestovë). (2017.4)

The 12km-long high-level road has been added in Municipality Malishevë (between Arllat and Gremnik). (2017.4)

New Built-up area has been added (Rezelle). (2017.4)

**Latvia:**

Riga: Addressing update completed in Capital City due to Municipality Addressing reform. 3,200 Point Addresses have been added and 7,400 have been updated (2017.3)

Riga: 30 New street names have been added (2017.3)

Riga: 100% updated in terms of Neighborhood polygons coding. As a result, 7 new polygons have been added and 38 Neighborhood polygon borders have been modified (2017.3)

Latvia: Lane Attribution has been added on National importance roads (FC1) in total distance 1,075 km (2017.4)

Riga: 550 Restricted Driving Maneuvers have been verified and updated on moderate speed roads (FC1-3) within neighborhoods (2017.4)

Latvia: Lane Attribution has been added on National importance roads (FC2) in total distance 995 km (2018.1)

Latvia: 82 Built Up Areas have been added across country (2018.1)

Latvia: 920 Directional Signs have been added on main road network countrywide (2018.1)

**Lithuania:**

E67: Turbo roundabout has been added on A17 and A10 intersection in Panevezys (2017.3)

E77: Panemune/A12/Rusija border crossing has been updated in terms of attributes and geometry (2017.3)

Lithuania: Lane Attribution has been added on National importance roads (FC1) in total distance 1,930 km (2017.4)

Lithuania: 13,000 Point Addresses have been added across the country (2017.4)

Lithuania: 550 Restricted Driving Maneuvers have been verified and updated countrywide on main national roads (2017.4)

Ukmerge: Ukmerge Built Up Area has been expanded and updated, including Postal Codes coding for admin. And has been added as administrative area under city level in Lithuania (2017.4)

Lithuania: 112,324 Point Addresses have received a Postal Codes, increasing up to 73% PC coverage countrywide (2018.1)

Lithuania: Lane Attribution has been added on National importance roads (FC2) in total distance 570 km (2018.1)

E67: 8km of new dual carriage way road has been added on E67/A5 route between Marijampole - Kaunas near Sasnava (2018.1)

Lithuania: 990 Directional Signs have been added on main road network countrywide (2018.1)

**Luxembourg:**

Frisange : A13: Ramp interchange Hellange in Frisange has been added. (2017.4)

**Moldova:**

463km of new roads have been added throughout the country (2017.3)

1,555 POIs have been added (2017.3)

368km of new neighborhood roads have been added throughout Moldova (2017.4)

548km of new road geometry have been added in Moldova (2018.1)

**Montenegro:**

Podgorica, Ulica Cetinjski put: New roundabout has been added at the intersection of Ulica Cetinjski put, Ulica Vojisavljevica and Nicksicka ulica in Podgorica (2017.3)

Podgorica, Bulevar Pera Cetkovića: New roundabout has been added on intersection between Ulica Veljka Vlahovića, Bulevar Pera Četkovića and Ulica Branka Radičevića (2017.3)

Kotor, E65: New roundabout has been added on intersection between E-65/E-80/M-2/Škaljari and R-1/Škaljari road (2017.3)

103 new POIs added throughout Montenegro (2017.4)

Podgorica: 7720 Point addresses have been added in capital of Montenegro (2018.1)

Two new municipalities added in administrative structure of Montenegro (Gusinje and Petnjica) (2018.1)

**Netherlands:**

Nijmegen: A50: between Knooppunt Ewijk and Knooppunt Valburg a new bridge over Waal has opened and changed from 2 to 4 lanes (2017.3)

Sint-Laurentiusziekenhuis Roermond: new location of accident & emergency entrance and new entrance/parking roads (2017.3)

Drachsterweg in Leeuwarden: new ramp system to Goutum-Zuiderburen (2017.3)

Almere: Knooppunt Muiderberg connecting highway A1 and A6 has changed completely with new fly-overs and ramps (2017.3)

Amsterdam: Knooppunt Diemen: new fly-over from A1 to A9 coming from Almere towards Amstelveen (2017.3)

Amerikalaan Borne; a new stretch of 3 km has been added to the south of Borne as a new through route to highway A1 (2017.3)

Medemblik: N23 Westfrisiaweg: new ramp system connecting to Noorderboekert (2017.3)

Maastricht Viaductweg: new junction "knooppunt Oost" has been added connecting to Willem Alexanderweg (2017.4)

Rotterdam Maastunnel: added closed construction as the tunnel is closed for 2 years from north to south (2017.4)

7 hospitals had a name change. Amsterdam: OLVG West, OLVG Oost, MC Slotervaart, Den Haag: HMC Bronovo, HMC Sint Antonishove, HMC Westeinde, HAGA ziekenhuis Leyweg Nijmegen: Radboud UMC (2017.4)

Apeldoorn, Knooppunt Beekbergen: 2 new ramp connections between A1 and A50 in the direction of Arnhem and Deventer (2017.4)

knooppunt Holendrecht: new ramp connections from A2 to A9 coming from Amsterdam towards Amstelveen and Almere (2017.4)

A6: Over a stretch of 6km between Knooppunt Muiderberg and Almere-Stedenwijk a new main road and new parallel roads have been constructed (2017.4)

A35: exit 26 to Enschede-West has changed also, the entry towards the highway has been updated. (2017.4)

A1/A6 between Amsterdam and Almere: over a stretch of 14km a reversible lane has been added. This opens either to Amsterdam or Almere depending on the traffic intensity. (2018.1)

Maastricht: new Noorderbrug has been opened connecting A2 and western part of the city

Goes, A58: new ramp connections to N669 Goes-Zuid, exit 35a (2018.1)

Groningen, N7 Ring-Zuid: exit 7a Oosterpoort is closed permanently and deleted from the map (2018.1)

Amsterdam, S101 Spaarndammertunnel: new tunnel near Houthavens connecting Tasmanstraat and Spaarndammerdijk (2018.1)

A7: new exit and entry ramp to Joure (2018.1)

A6/A7: Knooppunt Joure has been reconstructed and changed from a roundabout into a highway junction

Amsterdam, Schiphol airport: parking garage P2 has been deleted and other parking garages and lots have been renamed (2018.1)

**Norway:**

Nijmegen, A50: between Knooppunt Ewijk and Knooppunt Valburg a new bridge over Waal has opened and changed from 2 to 4 lanes (2017.3)

Roermond, Sint-Laurentiusziekenhuis Roermond: new location of accident & emergency entrance and new entrance/parking roads (2017.3)

Drachsterweg in Leeuwarden: new ramp system to Goutum-Zuiderburen (2017.3)

Almere, Knooppunt Muiderberg connecting highway A1 and A6 has changed completely with new fly-overs and ramps (2017.3)

Amsterdam, Knooppunt Diemen: new fly-over from A1 to A9 coming from Almere towards Amstelveen (2017.3)

Amerikalaan Borne; a new stretch of 3km has been added to the south of Borne as a new through route to highway A1 (2017.3)

Medemblik, N23 Westfrisiaweg: new ramp system connecting to Noorderboekert (2017.3)

New junction and two new roundabouts added in Sola (2017.4)

3 New roundabouts added in Ås (2017.4)

New ramp and roundabout added in Trondheim (2018.1)

A section of 6.5km has been added in Vang. Also including Filefjelltunnelen. (2018.1)

E6, Asection of 6km has been added in Alta. Also including Melsviktunnelen. (2018.1)



E105, A section of 2.4km has been added in Sør-Varanger, including Trifontunnelen (2018.1)

#### Poland:

Warszawa, Trasa Świętokrzyska. a section of 1km street has been added in Warsaw between Ulica Kijowska and Ulica Zabraniecka (2017.4)

S7. A section of 11km has been added between Rychnowo and Olsztynek. The new stretch of road will improve traffic in the region. (2017.4)

S7. A section of 8km has been added around Ostróda. The new stretch of road will improve traffic in the region. (2017.4)

Road 16. A section of 9km has been added around Ostróda. The new stretch of road will improve traffic in the region. (2017.4)

S5: A section of 19km has been added between Korzeńsko and Krościna Wielka (2017.4)

S8: A section of 15km has been added between Marki and Radzymin. (2017.4)

41/46. A section of 17km long bypass has been added around Nysa. Saves 5km (2017.4)

S51: A section of 14km between węzeł Olsztyn Południe and węzeł Olsztynek Wschód has been reconstructed to multiply digitised road and upgraded to express road. It will improve traffic in the region (2018.1)

In Poland additional 10 cities have been updated to Prime coverage (2018.1)

S5: A section of 29km has been added between węzeł Krościna Wielka and Obrońców Grodna roundabout in Wrocław. (2018.1)

#### Portugal:

Santa Cruz: "Aeroporto da Madeira" has changed the name to "Aeroporto Cristiano Ronaldo" (2017.3)

Cascais: A5: The highway junction for Exit#12 has been added with regards to entrance and exit and connected with Rua Ruben Andersen Leitão. (2017.3)

Lisboa: The Main entrance of Terminal 1 Departures in the Humberto Delgado Airport (Lisbon) has been updated. (2017.3)

Designer Outlet Algarve: A new Shopping Center has been added in Loulé (Faro) (2017.4)

Mar Shopping: A new Shopping Center has been added in Loulé (Faro) (2017.4)

Scalabisport Complexo Aquático; A new Amusement Park has been added in Santarém (2017.4)

Complexo Desportivo Príncipe Perfeito: A new Amusement Park has been added in Viseu (2017.4)

Scorpio Piscinas de Recreio: A new Amusement Park has been added in Guimarães (Braga) (2017.4)

Aquafixe parque aquático: A new Amusement Park has been added in Torre de Moncorvo (Bragança) (2017.4)

Parque Aquático de Fafe: A new Amusement Park has been added in Fafe (Braga) (2017.4)

TrofaSaúde Hospital Alfena: A new hospital has been added in Valongo (Porto) (2017.4)

Hospital da Luz Setúbal: Medical Service has been updated to hospital in Setúbal (2017.4)

Hospital da Luz Póvoa de Varzim: Medical Service has been updated to hospital in Póvoa de Varzim (Porto) (2017.4)

Hospital da Luz Aveiro: A new hospital has been added in Aveiro (2017.4)

Hospital da Luz Arrábida: Medical Service has been updated to hospital in Vilanova de Gaia (Porto) (2017.4)

Clínica CUF Almada: A new hospital has been added in Almada (Lisboa) (2017.4)

Hospital CUF Santarém: A new hospital has been added in Santarém (2017.4)

Hospital CUF Torres Vedras: A new hospital has been added in Torres Vedras (Lisboa) (2017.4)

Hospital CUF Viseu: A new hospital has been added in Viseu (2017.4)

Hospital Lusíadas Faro: Medical Service has been updated to hospital in Faro (2017.4)

N256: The 1km-long bypass has been added on the Degebe river in Évora (2017.4)

Metro-VC Fashion Outlet/Modivas: A new metro station has been added in Vila do Conde (Porto) (2017.4)

N125: New Roundabout has been added at the intersection with the road N270 in Fonte de Boliqueime (2017.4)

N125: New Roundabout has been added at the intersection with the street Rua Francisco Sá Carneiro in Lagoa (2017.4)

N125: New Roundabout has been added at the intersection with the road N124-1 in Lagoa (2017.4)

N216/N217: A section of 4.5km has been updated in Mogadouro (Bragança) (2017.4)

VR2: A section of 8km has been added in Câmara de Lobos (Ilha da Madeira). This will improve the local traffic circulation. (2017.4)

Évora plaza: A new shopping center has been added in Évora (2018.1)

Avenida Rovisco Pais: A section of 0.4km has been updated to multidigitized road in Lisbon (2018.1)

Point Address in Açores islands: 10500 Point addresses have been added in the islands of Santa Maria, Flores, Faial, Pico, São Jorge, Graciosa, Terceira and São Miguel (2018.1)

#### Romania:

Built-up area road attribute has been implemented as a new feature (2017.3)

12.862 POIs have been added all over the country (2017.3)

6.795 Point addresses have been added throughout Romania (2017.3)

Approximately 48.000km of administrative borders have been adjusted according to official government source (2017.3)

2600km of highways received lane attribution information. (2017.4)

Complete road network, naming, one ways, direction of travel, speed limits and signs have been updated for the following cities: Azuga, Bușteni, Sinaia, Sibiu, Medias, Hunedoara, Voluntari, Târgu Mureș, Roman, Pitești, Târgoviște, Buzău, Brașov, Predeal, Craiova, Ploiești, Arad, Bărlad, Lugoj (2017.4)

Address range on 32.036 links have been updated all over Romania (2017.4)

Complete Country border and 1663 km of inner country admin boundaries have been adjusted. (2017.4)

64.700 new PAs have been added in several cities in Romania (2017.4)

2.698 kms of new roads have been added all over Romania

1.991 Points of interest have been added across the country (2018.1)

2.133 Point addresses have been added throughout the country (2018.1)

New border crossing has been added between Romania and Bulgaria: Kaynardzha/ Kaynardzha-Lipnitsa/Rumania (2018.1)

Alba Iulia, Onesti, Targu Jiu, Campulung, Fagaras, Miercurea Ciuc, Odorheiu Secuiesc, Ramnicu Valcea, Slatina, Baia Mare cities have been updated in terms of basic geometry and navigable attributes. (2018.1)

The complete road network has been updated from motorway/highways to neighborhood streets in following cities: Mogoșoia, Tunari, Ștefănești de Jos, Moara Vlăsiei, Peris, Dragomirești-Vale, Cornetu, 1 Decembrie, Jilava, Berceni, Glina (2018.1)

#### Russia:

New overpass on R385 in Rebrikhinskiy rayon (2017.4)

New junction at M7 in Kushnarenkovskiy rayon (2017.4)

Saint-Petersburg, Opened new overpass on Dunayskiy prospect (2017.4)

Opened a new overpass in the streets of 15-ja Rabochaja, Habarovskaja i Dem'jana Bednogo (2017.4)

New junction instead existing intersection in Samara (2017.4)

Ul'yanovsk, Changed scheme of traffic from ulica Karla Libknehta to ulica Minaeva. (2017.4)

Kazan', Driving to the left is closed from Fermerskoe shosse in direction to Orenburgskiy proezd. (2017.4)

Kazan', Expansion of the road and turns at the intersections of streets Barudi, Voskhod and Serova (2017.4)

New road in Menzelinskiy rayon for connection M7 with settlement Topasevo. (2017.4)

Krasnodar, New junction at the intersection Novorossiiskaya ulica and Severnaya ulitsa. (2017.4)

Ust'-Labinskiy rayon, A new road from Ulyap to Tenginskaya (2017.4)

Opened a new junction on the highway M5/E30/Ural leading to Penza. (2017.4)

The 267km have been updated. After total reconstruction of Moscow center streets (Government project "My street"), have been updated all streets inside Sadovoe kol'tso and some neighbor streets. (2018.1)

Opened a new junction on the highway R120 and the 3 km has been added new route for the highway in Katin (2018.1)

Changed DoT on Stantsionnaya street and Signal'niy proezd. 2km have been changed in Moscow (2018.1)

New section of road between Podolskikh Kursantov street and Lipetskaya street. The 2 km has been added in Moscow (2018.1)

Moscow opened a new junction at intersection the highway MKAD and Profsoyuznaya street. (2018.1)

Moscow opened a new junction at intersection the highway MKAD and Gorbunova street. (2018.1)

#### Serbia:

New Big Fashion shopping mall added in Belgrade (2017.3)

A new still unnamed boulevard of 4.5km-long has been added in Novi Beograd municipality (2017.3)

A1: A section of 18km between junctions Vrcin and Bubanj Potok has been updated in terms of Toll road information (not applicable anymore) (2017.3)

Leskovac, Bulevar Nikole Pasica: A new roundabout has been added at the intersection of the roads Bulevar Nikole Pasica and Ulica Juznomoravskih brigada (2017.3)

Svilajnac, Ulica Kneza Milosa: A new roundabout has been added at the intersection of the roads Ulica Kneza Milosa and Ulica Kralja Petra Prvog (2017.3)

Krusevac, Ulica Bruski put: A new roundabout has been added at the intersection of the roads Ulica Bruski put and Ulica Kneza Milosa (2017.3)

Petlja Nova Pazova: The motorway junction Petlja Nova Pazova has been added (2017.4)

11: The motorway junction Subotica Jug has been added in Subotica (2017.4)

Ulica Kralja Petra Prvog: New roundabout has been added Svilajnac (2017.4)

24: new roundabout has been added in Kragujevac (2017.4)

Petlja Nova Pazova: Three new roundabouts have been added (2017.4)

Sombor, Ulica 21. Oktobra: New roundabout has been added (2017.4)

Belgrade, Ulica Astrid Lindgren: Two new roundabouts to IKEA access road have been added (2017.4)

Ulica Prokupacka: A section of 1km new access road to the main train station in Belgrade has been added (2017.4)

Vranje, A1: toll-way attribute added on 16km of new road near the border between Serbia and FYROM (2017.4)

1797 new POIs added throughout the country (2017.4)

15000 Point addresses have been added in the cities of Sombor and Kula (2017.4)

A section of 4.5km has been added between Grocka and Zaklopaca settlements in Belgrade area (2017.4)

20km of main boulevards and streets updated with new Speed limits in the city of Novi Sad (2017.4)

650 new points of interest have been added across the country (2018.1)

15000 new point addresses have been added throughout Serbia (2018.1)

2900km of roads has been updated in terms of speed limits, signs and truck attributes throughout Serbia (2018.1)

11: the 5km-long part of bypass has been added near Subotica (2018.1)

E80//A4: A section of 30km has been added between Pirot and Bulgarian border. (2018.1)

## Slovak Republic:

Nová Polhora, R1A: The highway exit Nitra-Sever (exit no. 4) has been added (2017.3)

D3: A section of 16km has been added between Svrčinovec and Skalité saves up to 9 Min. (2017.4)

Pražská ulica: The 2.2km long road has been added in Prešov saves up to 5 Min (2017.4)

66: A section of 2.1km has been added in city Brezno saves up to 5 Min. (2018.1)

## Slovenia:

The 1km-long road and new bypass have been added in Osluševci (2017.3)

Čirkovce: A new roundabout has been added in settlement Čirkovce (2017.3)

Na Polju: new rest area with petrol station Petrol, hip hop convenience store and McDonalds restaurant has been open on the A1 highway near Maribor (Address: Na Polju 24) (2017.3)

Istarska ulica: The 3km coastline road from Koper to Izola become pedestrian road and it is no longer accessible for vehicles (2017.3)

Junction Slivnica/A1/A4/7: Ramp and special explication attribute coding updated on the junction Slivnica at the A1/A4/7 highway (2017.3)

Point addresses and address ranges updated in the settlement of Pavlova vas (2017.3)

Address range updated in settlement of Kresnice (2017.3)

The Built-Up Area road attribute has been added through the entire country. The attribute indicates whether a link is inside or outside a built-up area which is primarily identified by the built-up area sign (2017.3)

13 new roundabouts have been added in Slovenia. (2017.4)

Street names have been updated according to the official list. (2017.4)

Postal codes have been updated according to the official list. (2017.4)

“Point of interests have been added/updated all over the country (all categories except for Auto/Motor/Truck Dealership and ASM): 343 have been added: 513 updated (2017.4)

The 1500km of high level roads in Slovenia have been updated with Lane Attribution. (2017.4)

Murska Sobota, 232: New roundabout has been added at the intersection of roads Panonska ulica and Pleše (2018.1)

Cerklje na Gorenjskem, 104: New roundabout has been added at the intersection of roads 104 and Zgornji Brnik (2018.1)

A4: New part of highway has been opened between Drazenci and Podlehnik (2018.1)

102: New roundabout has been added on the road 102 in Godovic (2018.1)

Ormoz, Kolodvorska cesta: New roundabout has been added at the intersection of roads Kolodvorska cesta and Ljutomerska cesta (2018.1)

Murska Sobota, Lendavska: New roundabout has been added at the intersection of roads Lendavska and Partizanska (2018.1)

Grosuplje, Ljubljanska cesta: The highway junction Smarje Sap has been updated with regards to entrance, exit and new roundabouts. (2018.1)

## Spain (including Andorra and Gibraltar):

Carrer de Pujades: The street has been updated in terms of Direction of Travel in Barcelona (2017.3)

CV-415: A section of 20Km has been updated between CV-405 and Picassent in Valencia (2017.3)

EX-370: A section of 3Km has been updated between EX-370 and N-630 in Plasencia (2017.3)

Santa Lucía de Tirajana, GC-1: The highway junction for Exit#26 toward Avenida del Atlántico has been added with regards to entrance and exit (2017.3)

Agüimes, GC-1: The highway junction for Exit#25 toward Calle Canal has been updated with regards to entrance and exit (2017.3)

GC-2: A section of 10km has been added between El Risco and La Aldea de San Nicolás (2017.3)

Hospital Virgen de la Bella: A new hospital has been added in Lepe (Huelva) (2017.4)

C-60/Via Sèrgia: A section of 1Km has been updated at the highway connection with C-32 in Mataró

AP-9: The motorway junction at Exit#55 has been added in Osoro (2017.4)

Super Manzana de Poble Nou: 16kms of geometry and attributes have been updated in 21 streets in Barcelona due to new traffic re-organization (2017.4)

A-7: The motorway junction at Exit#431 toward Aguadulce has been added in Roquetas de Mar (Almería) (2017.4)

A-1051/Variante de Roquetas de Mar: A section of 4 km has been added in Roquetas de Mar (Almería) (2017.4)

Murcia, A-7: The motorway junction at Exit#135 with A-30 has been updated (2017.4)

Hospital de Urduliz: New hospital has been added in Urduliz (Vizcaya) (2017.4)

Salou/Tarragona, Ferrari Land: A new Amusement Park has been added in Port Aventura (Salou) (2017.4)

San Martín de la Vega, Parque Warner Beach: A new Amusement Park has been added in Warner Bros. Park Madrid (2017.4)

AL-3113: New Roundabout has been added near to Aeropuerto de Almería (2017.4)

N-344: A section of 1.5km has been updated at the intersection with A-33 in Jumilla (Murcia) (2017.4)

A-14/Autovia de la Ribagorza: A section of 10km has been added in Lleida (2017.4)

Complejo Hospitalario Universitario de Albacete: Access road has been updated at the main entrance to the hospital (2017.4)

Camino de Almansa: New road connection has been added between A-31 and Hospital Universitario de Albacete (2017.4)

A-33: A section of 5Km has been added and a two-new ramp system updated in La Font de la Figuera (Valencia) (2017.4)

GC-2: A section of 4Km has been added and a new ramp system updated in La Aldea de San Nicolás (Las Palmas) (2017.4)

N-II: New roundabout has been added between N-II and A-2 in Vilademuls (2017.4)

Hospital de la Serranía: A new hospital has been added in Ronda (Málaga) (2017.4)

Hospital de Alta Resolución de Lebrija: A new hospital has been added in Lebrija (Sevilla) (2017.4)

Hospital de Alta Resolución de Écija: A new hospital has been added in Écija (Sevilla) (2017.4)

FV-2: A section of 7Km has been added and a new ramp system updated in Pájara (Las Palmas) (2017.4)

Logroño, AP-68: The highway junction toward LO-20 has been added with regards to entrance and exit (2017.4)

N-II: A section of 5Km has been updated and two new ramp systems added in Tordera (Barcelona) (2017.4)

Point Address in Euskadi: Around 16150 Point Addresses have been duplicated in bilingual areas where Point Addresses were only present in one language (2018.1)

Point Address in Comunidad Foral de Navarra: Around 7250 Point Addresses have been duplicated in bilingual areas where Point Addresses were only present in one language (2018.1)

Point Address in Comunidad Valenciana: Around 8800 Point Addresses have been duplicated in bilingual areas where Point Addresses were only present in one language (2018.1)

LR-115: A new roundabout has been added at the connection with Avenida de Numancia and Avenida de los Reyes Católicos in Arnedo (La Rioja) (2018.1)

Metro-Txurdinaga: A new commuter rail station has been added in Bilbao (2018.1)

52 street names have been updated according to the law of memory historical in Valencia (2018.1)

Municipality of Uxue (BAQ): Municipality name Ujué (SPA) has been added due to now it is bilingual area (2018.1)

Municipality name Albánchez: Municipality name has been updated from Albánchez to Albánchez(Almería) (2018.1)

Point Address in Cáceres: Around 3200 Point Addresses have been added and 680 updated in the municipality of Cáceres (2018.1)

Point Address in Barcelona: Around 16800 Point Addresses have been added and 8000 updated in the municipality of Barcelona (2018.1)

Point Address in Santander: Around 4500 Point Addresses have been added and 1800 updated in the municipality of Santander (2018.1)

Point Address in Sevilla: Around 15300 Point Addresses have been added and 2900 updated in the municipality of Sevilla (2018.1)

Point Address in Málaga: Around 4100 Point Addresses have been added and 1050 updated in the municipality of Málaga (2018.1)

Bicycle information (Bike Lanes, Bike Paths, Bike Direction of Travel Override) has been added in Santander (2018.1)

Bicycle information (Bike Lanes, Bike Paths, Bike Direction of Travel Override) has been added in Málaga (2018.1)

Bicycle information (Bike Lanes, Bike Paths, Bike Direction of Travel Override) has been added in Bilbao (2018.1)

Plaza Río 2: A new Shopping Center has been added in Madrid (2018.1)

RM-311: A new Roundabout has been added at the junction with Polígono Industrial de La Palma in Cartagena (Murcia) (2018.1)

C-245: A section of 0.7 km has been updated between C-245 and C-31c in Sant Boi de Llobregat (Barcelona) (2018.1)

N-340: A section of 0.7km has been updated and a new roundabout added in Vallirana (Barcelona) (2018.1)

A-33: A section of 35km has been added between Jumilla and Yecla (Murcia) (2018.1)

Paseo de la Dirección: A section of 2km has been updated in Madrid (2018.1)

Ronda de la Comunicación: A new roundabout has been added in Complejo Central de Telefónica in Madrid (2018.1)

Calle de Alfredo Di Stéfano: A new street has been added in Madrid (2018.1)

Madrid, Estadio Wanda Metropolitano: A section of 15 kms of new access roads have been added for the sport complex (2018.1)

M-45: A new Junction has been added at Exit M-45 with Avenida Miguel Delibes in Madrid (2018.1)

## Sweden:

New Roundabout in central Ludvika on road 66 (2017.3)

On road 32 for 11km: New 2+1 road between Tranås-Sommen. Updated traffic attributes (2017.3)

Solna, New Karolinska Hospital: New geometry and moved emergency for Astrid Lindgren children´s Hospital (2017.3)

Solna, New ramps from FC1 road Essingeleden and FC 2 Klarastrandledden to Solnabron. Also, closed a FC2 ramp leading from Essingeleden to Central Stockholm (2017.3)

Stockholm: Udated geometry in rebuilt harbour Värtahamnen, and moved ferry line Stokholm-Riga from Frihamnen to Värtahamnen (2017.3)

E18 Karlstad: New stretch of road and two new junctions. Between Björkås and Skutberget there is now a four-lane road (2017.4)

Huddinge, some ramps leading to/from E4 at Kungens kurva shopping area closed as part of the large construction work for Passing Stockholm (Förbifart Stockholm). Other, temporary, ramps added. (2017.4)

Förbifart Stockholm; first parts of changes in Akalla updated, including new stretch of road Akallalänken and a new roundabout. (2017.4)

Haninge, New Junction Vega on 73 in Haninge municipality added, and connecting roads adjusted (2017.4)

New Junction Kockbacka on E18 in Upplands Bro municipality added. (2017.4)

Changed geometry and access on roads in central Stockholm. Part of Klarabergsgatan at Sergels torg is now walkway and buses only (2018.1)

Södertälje, E4 Added access restriction on left lanes in both directions. 3.5ton-weight restriction (2018.1)

E4 Kungens Kurva: Updated geometry of the highway as part of construction Förbifart Stockholm. Also, two new ramps opened: exit ramp to Circle K and Ikea, and entry ramp from Skärholmsvägen (2018.1)

Botkyrka, Added a right turn lane in intersection Hågelbyleden/Tumbavägen (2018.1)

Trollhättan, Updated geometry in junction Överby, and added roads to Överby Shopping centre (2018.1)

Two new Roundabouts added in junction Hammar, connecting E22, in Kristianstad (2018.1)

## Switzerland:

Sursee, 2: changed intersection with the road 23 - three new bypasses added, shape of roundabout changed (2017.3)

Cities Cresciano, Iragna, Lodrino and Osogna merged into city Riviera (2017.3)

Cities Bellinzona, Camorino, Giubiasco, Gnosca, Gorduno, Gudo, Moleno, Monte Carasso, Pianezzo, Preonzo, Sant'Antonio, Sementina and Claro merged into city Bellinzona (2017.3)

Bicycle information (Bike Lanes, Bike Paths, Bike Direction of Travel Override) added in Basel (2017.3)

Zürcherstrasse: New roundabout added at the intersection with the road Talstrasse (2017.3)

1: New roundabout with bypass added at the intersection with the road Seetalstrasse (2017.3)

Aarberg, 22: New roundabout added at the intersection with the road Holzbrücke (2017.3)

Rubigen, 6: New roundabout added on the intersection with Kleinhöchstettengässli (2017.3)

2: New roundabout added that the end of the highway exit Erstfeld with the road Gotthardstrasse (2017.3)

See/Lac, 1: New roundabout added at the end of the highway exit Murten and the road Löwenberg (2017.3)

Visp, Vispertaltunnel: the tunnel re-opened after two years of construction (2017.3)

Point Addresses in Switzerland: around 35000 Point Addresses added, 12000 Point Addresses updated and around 10000 Point Addresses removed (2017.4)

Bern, Eigerplatz: new roundabout added at the intersection with the roads Schwarzenburgstrasse, Seftigenstrasse and Eigerstrasse (2017.4)

5: Highway Exit "Sainte-Blaise" direction Bern has been removed, instead exit "Marin" was added and Highway entrance "Marin" direction Neuchâtel connected to existing roundabout (2017.4)

Surselva, 19: new Bridge added - Geometry change for about 1 km (2017.4)

Steffisburg, Zubringer A6: intersection Zubringer A6/Bernstrasse has been changed. New roundabout added, new ramps added, one roundabout re-built (2017.4)

Steffisburg, Zubringer A6: new roundabout added on the road Zubringer A6 (2017.4)

Pfäfers, Taminabrücke: new bridge and bypass (2km) opened for traffic (2017.4)

Kollikon, Hardstrasse: new roundabout added at the intersection with the road Hardfeld (2017.4)

Reinach, Hauptstrasse: new roundabout added at the intersection with the road Bahnhofstrasse (2017.4)

New road (1km-long) connecting Grüsich and Valzeina added (2018.1)

19: new roundabout at the intersection with the roads Via Salums and Via Cons added in Laax (2018.1)

Steffisburg, Bypass Thun Nord: more than 1km-long bypass in the north of Thun added (2018.1)

Kernentlastungsstrasse Lachen: new 0.7km long bypass in Lachen added (2018.1)

27: new roundabout added at the intersection with the road Chasa in the east of Garsun (2018.1)

A2/Highway exit "Mendrisio": two new roundabouts added, ramps and geometry adjusted (2018.1)

1/3/4/Geroldrampe/Hardbrücke: new ramp added, intersection changed in Zürich (2018.1)

2/Seetalplatz: new bridges added - intersection updated in Hochdorf (2018.1)

A5: new 8km-long Motorway "bypass Biel/Bienne Ostast" added including 3 new intersections/exits (2018.1)

## Turkey:

İstanbul/Eyüp: A new ramp has been added on TEM Okmeydanı Connection road that enable U turn from Okmeydanı direction to TEM motorway (2017.3)

Ankara/Yenimahalle: 2 new ramps have been added on the 3585. Cadde (Avenue) and Anadolu Bulvarı (Boulevard) which enable U turn to E-88 North Ankara Motorway (2017.3)

D-555: A section of 20km-bypass has been added between Manisa Gölü and Manisa Akhisar (2017.3)

15 km new bypass added at western part of Antalya between Konyaaltı and Döşemealtı between D-400 and D-350 (2017.3)

E-87: A new section of 10km motorway has been added at Southern part of Aydin city center that will save time between eastern and western side of Aydin by the help of bypassing Aydin city center. Pass in front of Aydin Çıldır Airport (2017.3)

İstanbul/Çekmeköy: A section of 7km connection road has been added between D-016 Şile Highway and O-6 North Marmara Motorway (2017.3)



o-5: A section of 40km motorway has been added between Bursa Gemlik and Bursa Osmangazi (2017.3)

Üzümlü Sınır Kapısı Border Crossing added between Turkey and Iraq in Hakkari Çukurca. (2017.4)

Esendere Sınır Kapısı Border Crossing Added between Turkey and Iran in Hakkari Yüksekova. (2017.4)

in Turkey, Lane Markings, Lane Attributes and Lane Traversal conditions are added along Highways-Motorways in cities of İstanbul, Adıyaman, Aksaray, Burdur, Konya, Trabzon, Şanlıurfa, Kırşehir, Yozgat, Mersin, Adana, Hatay, Amasya, Gaziantep, Kırklareli, Kırkkale, Tekirdağ, Edirne. (2017.4)

Directional Signs have been updated along 14.000 km all around Turkey highways. (2017.4)

A total of 7094km road has been added in cities of Ayvacık, Bozcaada, Eceabat, Gelibolu in Çanakkale. (2017.4)

61 POI Rest Area type have been updated in the cities of Bolu, Düzce, Sakarya, İstanbul, Mersin, Adana, Manisa, Konya, Gaziantep, Osmaniye, Şanlıurfa, Bursa. (2017.4)

3.275 School POIs added all around Turkey. (2017.4)

Access restriction for vehicles has been added in Cumhurbaşkanlığı Bulvarı between Söğütözü Caddesi and Alparslan Türkeş Caddesi, Ankara. (2017.4)

İstanbul. Direction of Travel and minor geometry changes done in İstanbul Çengelköy between Çengelköy Caddesi and Yalıboyu Caddesi. (2017.4)

İstanbul, a new U turn added on Atatürk Caddesi in İstanbul Kavacık which enable U turn easily to TEM 0-6 Motorway. (2017.4)

Ankara, in Turkey, 10,701 existing Street Names have been updated all around country. (2017.4)

D-567: 1.3km-long bypass has been added in Tekirdağ which bypass Kapaklı city center. (2017.4)

In İstanbul, 2960km road paved status have been updated. (2017.4)

D-400: A section of 1.7km tunnel has been added at Mersin Aydınçık(2017.4)

Mersin, D-400: A section of 10km has been added with tunnels at Mersin between Silifke and Aydınçık. (2017.4)

0-6 Kuzey Marmara Otoyolu: A section of 10km has been added at İstanbul between TEM Highway to North Marmara Highway. (2017.4)

500.000 existing Point Addresses have been updated in the cities of Adana, Amasya, Ankara, Antalya, Çorum, Düzce, İstanbul, İzmir, Ordu, Osmaniye, Sakarya, Samsun, Şanlıurfa, Sinop, Sivas, Tekirdağ, Tokat, Zonguldak. (2017.4)

1.136.669 Point Addresses have been added in the cities of Adana, Amasya, Ankara, Antalya, Çorum, Düzce, İstanbul, İzmir, Ordu, Osmaniye, Sakarya, Samsun, Şanlıurfa, Sinop, Sivas, Tekirdağ, Tokat, Zonguldak. (2017.4)

Intersection geometry connecting Kemerburgaz Caddesi and Ayazağa Cendere Yolu has been updated at İstanbul Sanyer. (2018.1)

D-765: Gölçük Kavşağı Junction has been updated at South Niğde Highway (2018.1)

Directional Signs have been updated along 2600km all around Turkey highways. (2018.1)

132 Junction Names have been added and updated at different Highways of all around Turkey cities. (2018.1)

New U Turn, Junction has been added at İstanbul Beşiktaş (2018.1)

D-567: 10Km-long bypass has been added which bypass Tekirdağ Saray City Center. (2018.1)

D-850: 11Km-long new bypass has been added at Tokat which saves up 30 min between Tokat and Niksar. (2018.1)

D-765: A Section of 5Km has been added at Kastamonu İnebolu (2018.1)

D-100: A section of 1Km road alignment has been updated at Erzincan (2018.1)

D:400: A new Frontage Road and new Junction has been added at Antalya Kemer. (2018.1)

D-430: 17Km-long new bypass has been added at Şırnak Silopi City Center. (2018.1)

D-965: A section of 7Km has been added at Kars (2018.1)

D:300: A section of 2Km Tunnel has been added between Cumhuriyet and Afyonkarahisar City Center. (2018.1)

Lane Markings, Lane Attributes and Lane Traversal conditions are added along Main City Road in the following cities: Adana, Ankara, Balıkesir, Bursa, Çanakkale, Düzce, İstanbul, İzmir, Kastamonu, Kırklareli, Konya, Manisa, Sakarya, Samsun, Tekirdağ (2018.1)

Lane Markings, Lane Attributes and Lane Traversal conditions are added/updated along Highways-Motorways in following cities: Afyonkarahisar, Ardahan, Bartın, Çankırı, Elazığ, Erzincan, Erzurum, Giresun, Gümüşhane, Iğdır, Isparta, Kahramanmaraş, Kars, Kastamonu, Kırşehir, Kilis, Kütahya, Malatya, Manisa, Ordu, Osmaniye, Rize, Samsun, Sinop, Sivas, Tokat, Uşak, Yalova, Zonguldak. (2018.1)

10 Hospitals added in following cities; İstanbul, İzmir, Bilecik, Adana and Çorum. (2018.1)

D-400: A new underpass-overpass system has been added at Antalya Kepez (2018.1)

D-010: A New Junction, Ramp System, Akyazı Tunnel and a section of 7 Km road has been added at Trabzon Akçaabat. (2018.1)

D-555: The 5km-long bypass has been added at Balıkesir Bigadiç City Center. (2018.1)

D:595: the 3km-long bypass has been added in Kütahya Yenikent City Center (2018.1)

D:595: A section of 10km has been added at Kütahya Gediz. (2018.1)

#### Ukraine:

E40/M03: 36km in Poltavaska oblast have been updated in terms of speed limits and lane guidance (2017.3)

2.500 Street names have been updated in compliance with the law on De-communization (2017.3)

30.000 Point Addresses have been added in Kyivska oblast, Ternopiiska oblast, Chernihivska oblast (2017.3)

over 500 street names were updated in accordance to De-communization law (2017.4)

All Places and point address were updated in Odessa. (2017.4)

173 483 of Point address were add to Ukraine map as a part of addressing update (2018.1)

#### United Kingdom:

Derby, A516: New Roundabout added at Mickleover (2017.3)

Ilkeston Train Station: New train station added (2017.3)

Bradford, Low Moor Train Station: New Train Station added (2017.3)

A197, Morpeth Bypass: The final sections of the bypass have been added (2017.3)

Glasgow, M8, M73, M74: Widening upgrade and extension of M8 motorway for 20 km (2017.3)

Lisburn North Services: A new motorway service area has been opened on the M1 in between Lisburn and Belfast (2017.3)

A26: A section of 8km has been upgraded to dual carriageway between Ballymena and Ballymoney. (2017.4)

Hereford: New link road connecting A49 & A465 has been added (2017.4)

Glasgow: A8(M): Motorway has been added (2017.4)

Swindon: B4453/Purton Road: Roundabout replaced with a crossroads junction (2017.4)

Pembroke: New bypass of Maidenwells between B4319 and B4320 has been added (2017.4)

Sunderland: B1405/European Way: Roundabout replaced with a crossroads junction (2017.4)

Bristol MetroBus: The bus only junction on the M32 has been added (2017.4)

Bristol MetroBus: The guided bus way has been added between Bristol and Long Ashton Park & Ride (2017.4)

Bristol: The Stoke Gifford Link Road has been added (2017.4)

B5117/Oxford Road: Implementation of one-ways and access restrictions around University of Manchester as part of Greater Manchester Bus Priority scheme (2017.4)

Shrewsbury: A5191: New cut through of the roundabout (2017.4)

12000 POIs updated concentrated on accommodation and restaurant categories (2017.4)

Wallsend: A186/Station Road: New roundabout (2017.4)

Rugby: A428/Crick Road: New roundabout and road realignment (2017.4)

Sunderland: A1290: Road realigned around Nissan car factory (2017.4)

A6117/Adamsway: New roundabout in Mansfield (2018.1)

A548/Wellington Road: New roundabout in Rhyl (2018.1)

A361/Bloxham Road: New roundabout in Banbury (2018.1)

A1198 New double roundabout in preparation for Huntingdon Bypass (2018.1)

Bury St Edmunds Eastern Relief Road has been added (2018.1)

Belfast: A55/Kennedy Way: Roundabout at Kennedy Way and Anderstown Road has been replaced with a signalised junction. (2018.1)

Widnes: A533/Mersey Gateway new dual carriageway bridge and major road changes in Runcorn have been added (2018.1)

A6/James Towers Way: New bypass of Broughton, Preston (2018.1)

A4/Ramsey Road: New roundabout in Peel, Isle of Man (2018.1)

A20/Poortown Road: New roundabout in Peel, Isle of Man (2018.1)

A24/Cool Road: New roundabout in Douglas, Isle of Man (2018.1)

Eccles: A57/Liverpool Road: First section of new dual-carriageway opened (2018.1)

Tipperty: A90: First section of new dual-carriageway opened (2018.1)

Catterick: A1(M): First section of new motorway and A6055 local access road opened (2018.1)

Northallerton: A684/Stokesley Road: new roundabout has been added (2018.1)

Northallerton: A168/Darlington Road: new roundabout has been added (2018.1)

Winnersh Relief Road Phase 1 has been added (2018.1)









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