

# GPS Navigation System Generation 5 & 6

## Major map database updates between the 2012 map and 2013 map

### Map Database Coverage

#### (1) Database sources

Content	Previous Product (v12.1)	New Product (v13.1)
Navigable roads in USA (Turn-by-turn guidance enabled)	NAVTEQ	NAVTEQ
Supplemental roads in USA	TomTom (Tele Atlas)	TomTom (Tele Atlas)
All roads in Canada	TomTom (Tele Atlas)	TomTom (Tele Atlas)
Points of Interest (POI)	NAVTEQ	NAVTEQ
	Infogroup	Infogroup

#### (2) New geographic coverage

- None

#### (3) Counties where coverage level was upgraded from previous product

[U.S.A.] – 30 new fully navigable counties (Turn-by-turn guidance now provided)

County	State
Cochise County	Arizona
Chaffee County	Colorado
Custer County	Colorado
Gunnison County	Colorado
Lake County	Colorado
Montrose County	Colorado
Barrow County	Georgia
Catoosa County	Georgia
Effingham County	Georgia
Jackson County	Georgia
Walker County	Georgia
Blaine County	Idaho
Valley County	Idaho
West Baton Rouge Parish	Louisiana
Oktibbeha County	Mississippi
San Juan County	New Mexico
Lewis County	New York
Davie County	North Carolina
Lee County	North Carolina
Pender County	North Carolina
Robeson County	North Carolina
Creek County	Oklahoma
Osage County	Oklahoma

County	State
Rogers County	Oklahoma
Juniata County	Pennsylvania
Box Elder County	Utah
Iron County	Utah
Tooele County	Utah
Whitman County	Washington
Natrona County	Wyoming

[Canada] – Nationwide navigable coverage

New Fully Navigable Areas	Province
ALL – nationwide road network	ALL

#### (4) Statistical Information

Country	Total digitized road mileage	Navigable road mileage
U.S.A.	5,000,000+	2,800,000+
CANADA	700,000+	700,000+

## Major changes and updates by state

### United States of America

#### Alabama:

- 3 subdivisions were added or updated in Colbert County.
- 7 subdivisions were added or updated in Lee County.
- 10 subdivisions were added or updated in Mobile County.
- 10 subdivisions were added or updated in Montgomery County.
- 16 subdivisions were added or updated in Jefferson County.
- 27 subdivisions were added or updated in Baldwin County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Autauga and Dallas counties.
- Additional street names and addresses were added in Cherokee, Lamar, Randolph, and Winston counties.
- Additional street names and addresses were added in Lowndes County.
- AL-181 was upgraded from a single lane to a multi-lane road between US-90 and Spotswood Ln in Baldwin County.
- An overpass bridge was built to carry US-231 over Cameron Rd SW, Haystand Rd SW, Weatherly Rd SE and Whitesburg Dr S in Madison County. The previous path of US-231 is now a frontage road and ramps were added to connect the new path to the frontage road.
- County naming and route types were updated in Alabama to allow for more consistency across the state.

- Many rivers and lakes were added in Alabama.
- The geometry of US-278 was reconfigured between CR-400 and CR-1147 in Cullman County.
- US-331 was upgraded from a single lane to a multi-lane road between CR-24 and Boyd Rd in Montgomery County.
- Walkways were included for scope areas in Jefferson and Shelby counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **Arizona:**

- Cochise County was completed with fully navigable coverage.
- A new road level 4 ramp (Exit 3B) from southbound AZ-143 to Sky Harbor Blvd was Field Verified for geometry, attributes and conditions.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Greenlee County.
- Additional street names and addresses were added in La Paz County.
- Bethany Home Rd between 99th Ave and 91st Ave and Rio Salado Pky/8th St from McClintock Dr to Country Club Dr were upgraded to a road level 4.
- Construction was removed from the eastern side of Phoenix Sky Harbor Airport at the interchange of Sky Harbor Blvd and AZ-143. The ramp configuration at this interchange was modified to reflect recent changes to the ramp complex geometry in Phoenix, Maricopa County.
- Exit 124 on I-10 in Goodyear was flagged with closed construction in the database in preparation for reconstruction of the interchange. N Cotton Ln is also closed between W Garfield St and W McDowell Rd for the reconstruction.
- Extensive update of geometry and attributes in downtown Phoenix and Tempe was completed.
- In Coconino County, AZ-67 was upgraded to a road level 4 from US-89-ALT to the North Rim of the Grand Canyon.
- Many rivers and lakes were added in Arizona.
- Maricopa County: Added new HOV ramps at AZ-202-Loop and I-10 in Chandler. Added HOV lanes on AZ-101-Loop/Agua Fria Freeway from AZ-51 to McDowell Rd.
- Maricopa County: Upgraded Cotton Ln to a multi-lane road from Yuma Rd to Van Buren St. Upgraded Yuma Rd to a multi-lane representation from Cotton Ln to Canyon Trails Blvd.
- Municipal boundaries for the City of Wickenburg were modified to reflect recent annexations that have extended into Yavapai County.
- Municipal city boundaries were updated in Cochise, Gila, La Paz, Yavapai, and Yuma counties.
- Municipal city boundaries were updated in Coconino, Graham, Maricopa, Mojave, Navajo and Pinal counties.
- N 70th St/E Mountain View Blvd was upgraded to a road level 4 from E Shea Blvd to N Scottsdale Rd.
- N 74th St and E Gold Dust Ave at N Scottsdale Rd and Shea was downgraded from a road level 3 to a road level 5 in Scottsdale.

- N La Canada Dr between N Ellison Dr and W Placita del Rey was upgraded to a multi-lane representation in Pima County.
- Numerous roads east of AZ-85, west of Dysart Rd, north of Germann Rd and south of US-60 were upgraded to a road level 4 in Maricopa County.
- Numerous roads in the vicinity of Wild Horse Pass Casino and Resort were upgraded to a road level 4 in Maricopa County.
- Six Park/Recreation POIs with the subcategory of Trailhead were added in the following counties:
  - Coconino-Mogollon Rim
  - Mohave-Flag Mine Trail
  - Pinal-Martinez Mine
  - Yavapai-Sheep Bridge
  - Yavapai-Senator Highway
  - Yavapai-Jerome-Perkinsville
- Sky Harbor International Airport is in the process of updating signs throughout the area. The signs that were changed were verified and updated in the database.
- Supplemental Geometry was added in Arizona.
- The geometry for the Sky Train station at Sky Harbor was added in preparation for its opening in early 2013.
- The intersections of AZ-85 and W Maricopa Rd and AZ-85 and I-8-BL were Field Verified for new geometry and attributes.
- Two new, road level 4 interchanges were added on I-10 at N Citrus Rd (Exit 123) and N Sarival Ave (Exit 125) in Goodyear.
- US-93 between Upper Trout Creek Rd and just south of mile marker 116 was upgraded to a multi-lane representation in Mohave County.
- W Lone Mountain Pky was extended from Blackstone Country Club to AZ-303-Loop where a new interchange was built.
- Walkways were included for scope areas in Maricopa County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Arkansas:**

- Added a new 9.5-mile stretch of US-65, a road level 2, in Faulkner County. Also in this update, the older stretch of US-65 was renamed US-64-BR and the path was downgraded from a road level 2 to a road level 3.
- Added McCain Mall shopping POI and polygon in Pulaski County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in 28 counties in Arkansas.
- Additional street names and addresses were added in Baxter, Carroll, and Madison counties.
- Additional street names and addresses were added in Miller and Yell counties.
- County naming and route types were updated in Arkansas to allow for more consistency across the state.
- Expanded a 2.5-mile stretch of AR-7 to a multi-lane road in Union County.
- Expanded a 5.2-mile stretch of US-167, a road level 2, to a multi-lane road in Union County.

- Little Rock National Airport has changed its name to Bill and Hillary Clinton National Airport in Pulaski County.
- Moved the location of the Named Place POI for Springdale in Washington County.
- Municipal city boundaries were updated in 19 counties in Arkansas.
- Municipal city boundaries were updated in Benton County.
- Municipal city boundaries were updated in Howard, Independence, Mississippi, Ouachita, Randolph, and Saline counties.
- Removed ramp geometry and signs at the former interchange of US-167 and Hillsboro St in Union County.
- Road geometry was updated inside Northwest Arkansas Regional Airport in Benton County.
- Road level 3 and road level 4 roads were driven and coded to include updates for navigation in 66 counties.
- Updated alignment and lane category for a .7-mile stretch of US-65, a road level 2, in Van Buren County.
- Updated ramp geometry and signs at the interchange of I-540/US-71 and US-62/AR-16/AR-45/AR-180 in Washington County.
- Updated ramp geometry and signs at the interchange of US-167 and US-82-BR in Union County.
- Updated ramp geometry and signs at the interchange of US-167 and Main St in Union County.

### **California:**

- 5 subdivisions were added in Butte County.
- 9 subdivisions were added in Alameda County.
- 7th Standard Road was changed to a multi-lane road between Galpin Street and Zachary Street in Kern County.
- A new flyover ramp was added connecting northbound I-215 to westbound CA-210 in San Bernardino County.
- A new ramp interchange opened at I-10 and Bob Hope Drive in Riverside County. Adjacent ramps at Ramon Road were closed.
- A new road level 4 extension of Mohawk Street was added, connecting Truxtun Avenue to CA-58 in Kern County.
- A ramp was added connecting northbound I-215 to W Highland Avenue and a ramp was added connecting Mt Vernon Avenue to northbound I-215 in San Bernardino County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Alpine County.
- Additional street names and addresses were added in Calaveras, Lassen, Sierra, Tehama, and Tuolumne counties.
- Additional street names and addresses were added in Santa Barbara County.
- Additional street names and addresses were added in Solano County.
- Alta Sierra Dr was upgraded from a road level 5 to a road level 4 for 3 miles from CA-49 to Dog Bar Rd in Nevada County.
- An interchange was added at US-101/Springville Dr (Exit 56) in Camarillo.

- An on-ramp was added connecting CA-66 to southbound I-215 in San Bernardino County.
- An on-ramp was added connecting CR-E8 to southbound I-5 in Yolo County.
- An on-ramp was added connecting northbound N Indian Canyon Drive to westbound I-10 Riverside County.
- Avenue 312 was changed to a multi-lane road between Road 68 and Road 92 in Tulare County.
- Beckworth was changed from a Hamlet to a Named Place POI.
- Blue Ridge Drive was upgraded to a road level 4 between Reliez Valley Road and Alhambra Avenue in Contra Costa County.
- CA-65 was realigned and changed to a multi-lane road between Twin Bridges Drive and Sterling Parkway in Placer County.
- CA-180 was changed to a multi-lane road between N Temperance Avenue and N Quality Avenue in Fresno County.
- Coffee Rd was upgraded from a road level 5 to a road level 4 for 3 miles from Sylvan Ave to Patterson Rd in Modesto.
- Combie Rd/Magnolia Rd/Dog Bar Rd/La Barr Meadows Rd/S Auburn St was upgraded from a road level 5 to a road level 4 for 18.5 miles from CA-49 to Main St in Nevada County.
- Construction closed coding was removed from the interchange at I-580 and Isabel Avenue in Alameda County. Isabel Avenue was made a multi-lane road between Portola Avenue and Airway Boulevard.
- E Taylor Rd/N Berkeley Ave was upgraded from a road level 5 to a road level 4 for 2 miles from Geer Rd to E Monte Vista Ave in Turlock.
- Eaton Rd/Floral Ave was upgraded from a road level 5 to a road level 4 for 2 miles from Cohasset Rd to East Rd; while downgrading Ceres Ave/E Lassen Ave from a road level 4 to a road level 5 in Chico.
- El Colegio Road was changed to a multi-lane road between S Los Carneros Road and Stadium Road in Santa Barbara County.
- Elderwood Drive was upgraded to a road level 4 between Alhambra Avenue and Morello Avenue in Contra Costa County.
- Extensive update of geometry and attributes in downtown Eureka was completed.
- Extensive update of geometry and attributes in downtown Los Angeles & San Francisco was completed.
- Hamner Avenue was changed to a multi-lane road between Detroit Street and Chapparral Center in Riverside County.
- Infineon Raceway has changed its name to Sonoma Raceway in Sonoma.
- Leesville Rd was downgraded from a road level 4 to a road level 5 for 14 miles from CA-20 to Bear Valley Rd in Colusa County.
- Municipal city boundaries were updated in California.
- Municipal city boundaries were updated in Nevada, Orange & Placer counties.
- New ramps were added at the interchange at I-215 and Clinton Keith Road in Riverside County.

- Portions of Grant Ave, Hawthorne St, Post St & Stockton St were updated for Access Restrictions, Road Level & One-Ways from Union Square to Harrison St in downtown San Francisco.
- Postal Code 95075 was added to San Benito County.
- Postal Code 95367 was added to San Joaquin County.
- Postal Code 96129 was added to Plumas County.
- Ramp geometry was modified at the interchange at I-805 and La Jolla Village Drive in San Diego County.
- Ramps connecting CA-60 to Nason Street in Riverside County were reconfigured.
- Ramps connecting CA-99 to A Street and C Street in Sacramento County were reconfigured.
- Ramps connecting I-805 to La Jolla Village Drive and Miramar Road in San Diego County were reconfigured.
- Ramps connecting southbound US-101 to Golf Course Drive and Wilfred Avenue in Sonoma County were reconfigured.
- Rattlesnake Rd was upgraded from a road level 5 to a road level 4 for 4 miles from Dog Bar Rd to Colfax Hwy in Nevada County.
- Residential subdivisions were added in the following counties: Solano (1), Riverside (4), and Tulare (1).
- Road level 1 CA-905 was added for 3 miles from Britannia Blvd (Exit 6) to Cimarron Way; while downgrading Otay Mesa Rd from a road level 1 to a road level 2 in San Diego.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Contra Costa County.
- Road level 2 Flyover ramp was added from CA-210 eastbound to I-215 southbound; while downgrading N State St/W Highland Ave/N Mt Vernon Ave from Exit 73 to I-215 from road level 2 to road level 4 in San Bernardino.
- Road level 4 Alton Pky was added for 2 miles from Irvine Blvd in Irvine to CA-241 in Lake Forest.
- S Riverside Avenue was changed to a multi-lane road between Value Center and I-10 in San Bernardino County.
- Sacramento International Airport was updated to include a new terminal and related road geometry, signs, and POIs in Sacramento County.
- Signs and POIs were updated at John Wayne-Orange County Airport in Orange County.
- South San Francisco-East Bay pedestrian ferry was added for 13.5 miles from South San Francisco to Oakland.
- Supplemental Geometry was added in California.
- The interchange at CA-4/G St was removed in Antioch.
- The interchange at I-10/Palm Dr/Gene Autry Trl (Exit 123) was modified in North Palm Springs.
- The interchange at I-215/W Base Line St (Exit 44B) was modified in San Bernardino.
- The interchange at US-101/Airport Blvd (Exit 326A) was modified in Salinas.
- The interchange at US-101/Golf Course Dr (Exit 484) was modified in Rohnert Park.

- The ramp interchange at CA-60 and Nason Street in Riverside County was reconfigured.
- The road level 2 geometry of US-101 was slightly modified from Lincoln Blvd to Marina Blvd in San Francisco.
- The road level 4/5 geometry of 14th St & Lakeshore Ave was updated from Foothill Blvd to Lakeside Dr in Oakland.
- Tres Pinos was changed from a Hamlet to a Named Place POI.
- Walkways were included for parks in Alameda, Marin, San Francisco, and Santa Clara counties. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scopes areas in Los Angeles, Orange, Sacramento, San Diego & Santa Cruz.
- Walkways were included in scope areas in Contra Costa & San Mateo. Additional navigable geometry was added when required for connectivity of the walkways.

### **Colorado:**

- Chaffee County was completed with fully navigable coverage.
- Custer County was completed with fully navigable coverage.
- Gunnison County was completed with fully navigable coverage.
- Lake County was completed with fully navigable coverage.
- Montrose County was completed with fully navigable coverage.
- A new flyover ramp was added from southbound S. Santa Fe Dr to eastbound CO-470 in Littleton, Douglas County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Chaffee County.
- Additional street names and addresses were added in Cheyenne, Conejos, Costilla, Gilpin and Mineral counties.
- Additional street names and addresses were added in Custer and Larimer counties.
- Additional street names and addresses were added in Dolores and Pitkin counties.
- Arapahoe County: The interchange between Arapahoe Rd and Parker Rd was reconstructed.
- CO-47 between Troy Ave interchange and just south of Pete Jimenez Pky was upgraded to a multi-lane representation in Pueblo.
- Denver County: Central Park Blvd was added in the vicinity of the I-70 and I-270 interchange from Northfield Blvd to E 40th Ave. The stadium POI and cartographic features for Invesco Field at Mile High, was changed to Sports Authority Field at Mile High.
- Denver County: Modified the interchange at I-70 and I-270 to reflect changes due to recent interchange reconstruction.
- El Paso County: A new ramp complex was added at the interchange of S Academy Blvd and Milton E Proby Pky. Milton E Proby Pky was extended to intersect with S Academy Blvd and upgraded to a multi-lane representation and road level 4. Drennan Rd no longer connects to S Academy Blvd and was downgraded to road level 5.
- In Grand Junction, 29 Rd was upgraded to road level 4 between I-70-BL and Unaweep Ave.



- In Grand Junction, D Rd was upgraded to road level 4 between 29 Rd and 32 Rd.
- In Parker, the path of E Main St and Ridgegate Pky was upgraded to road level 4 between S Jordan Rd and E Lincoln Ave. The interchange on I-25 at Ridgegate Pky has also been upgraded to road level 4.
- La Plata County: A new unnamed ramp complex was added to US-160 east of US-550 in Durango.
- Mesa County: Added the 29 Rd overpass at I-70-BL in Grand Junction.
- Municipal city boundaries were updated in 19 counties in Colorado.
- Municipal city boundaries were updated in Alamosa, Arapahoe, Boulder, and Gilpin/Clear Creek counties.
- Municipal city boundaries were updated in Elbert, Montezuma, Phillips, Rio Grande and Weld counties.
- Postal codes 80443 and 80498 in Summit County were updated.
- Postal codes 80649, 80653, 80733 and 80750 in Morgan County were updated.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Broomfield County.
- The following airports have had their aircraft road polygons updated to match available imagery.
  - Eagle County Regional Airport
  - Pitkin County Airport
  - Pueblo Memorial Airport
  - Durango-La Plata County Airport
- The intersection at E Woodman Rd and N Academy Blvd was updated to reflect addition of a new overpass and ramp complex connecting the two roads in Colorado Springs, El Paso County.
- The long term and short term Parking Lot POIs and geometry at Pueblo Memorial Airport were updated. All signs to the airport have also been updated.
- The name US-50 was removed from Main St from San Juan Ave to N Townsend Ave and was downgraded from a road level 2 to a road level 4. US-50 was added to N San Juan from Main St to N Townsend Ave and was upgraded from a road level 4 to a road level 2 in Montrose, Montrose County.
- The split of Exit 10 in Aurora from I-25 was moved north about 500m to accommodate 17th PI now being connected to the ramp. In addition, 17th PI from the ramp to Fitzsimons Pky was upgraded to road level 4.
- W Quincy Ave was upgraded to a multi-lane representation from Iris Ct to west of Kipling St in Lakewood, Jefferson County.
- Walkways were included for scope areas in Arapahoe County. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Denver County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Connecticut:**

- Additional shopping center polygons were added all across the state
- Additional street names and addresses were added in Tolland County.

- Bradley Int'l Airport in Hartford County was updated with new road geometry, Parking Lot POIs, and other POIs within the terminal.
- Supplemental Geometry was added in Connecticut.
- Walkways were included for scope areas in Fairfield, Hartford, and New Haven counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **Delaware:**

- Additional shopping center polygons were added all across the state.
- County naming and route types were updated in Delaware to allow for more consistency across the state.
- New subdivisions were added in New Castle County.
- Old overpass from SR-7 to Christiana Mall was removed and a new overpass a few hundred feet to the south was added.
- Ramp from I-95 northbound to SR-7 northbound was closed in Newcastle County.
- Shifted geometry for SR-1 at the Christiana Mall and added new overpass entering the mall parking area in New Castle County. More changes due to construction will be reflected in future releases.
- Supplemental Geometry was added in Delaware.
- The roadbed for SR-1 was adjusted for newly constructed Indian River Inlet Bridge in Sussex County.

### **District of Columbia:**

- A new ramp from DC-295 southbound to I-295 northbound across 11th Street Bridge is now open in Washington, DC.
- Additional shopping center polygons were added all across the state.
- Adjusted the centerline, added new dividers and traffic signals on Pennsylvania Ave SE between Minnesota Ave and Alabama Ave.
- Bolling AFB and Naval Support Facility Anacostia have combined to form "Joint Base Anacostia-Bolling". Their polygons were combined and the name was updated.
- Both directions of I-295 on the 11th ST Bridge have shifted to a newly constructed bridge.
- Intersection of Riggs Rd NE and South Dakota Ave NE was reconfigured in Washington, DC.
- Postal code 20059 was added to Washington DC.

### **Florida:**

- 1 apartment complex was added in Volusia County.
- 1 mobile home park and 1 new subdivision were added in Lake County.
- 1 new mobile home park was added in Citrus County.
- 1 new subdivision was added in Pasco County.
- 1 new subdivision was added in Sumter County.
- 2 apartment complexes and one mobile home park were added in Duval County.
- 2 new subdivisions were added in Orange County.
- 3 apartment complexes and 1 mobile home park were added in Marion County.
- 3 new apartment complexes were added in Bay County.

- 3 subdivisions were updated in Sumter County.
- 6 new subdivisions and three new apartment complexes were added in Hillsborough County.
- 5th St was downgraded from a road level 4 to a road level 5 between Washington Ave and Collins Ave/SR-A1A in Miami-Dade County.
- 17th St was downgraded from a road level 4 to a road level 5 between Washington Ave and SR-A1A in Miami-Dade County.
- A new driving path for SR-429-Toll southbound was added between Exit 31 and Exit 30 in Orange County. All signs, geometry, and attributes were updated accordingly.
- A new exit ramp for Exit 29 was added on SR-429-Toll in Orange County.
- A new Highway to Highway Connector was added between SR-836 and SR-826 in Miami.
- A new overpass was added for Exit 3 westbound from I-595 in Broward County. The new location of Exit 3 now goes over Pine Island Rd and connects to SR-84 W to provide access to Nob Hill Rd.
- A new ramp connecting I-595 westbound and US-441 southbound to Florida's Turnpike was added in Broward County. All signs, geometry, and attributes were updated accordingly.
- A new ramp system between SR-293 from Range Road was added in Okaloosa County.
- A new road level 2 highway to highway connector was added in Orange County with access to SR-417-Toll northbound from SR-408-Toll eastbound.
- A separate exit/entrance collector road for eastbound I-595 was added between Nob Hill Rd and University Dr. in Broward County. The collector road provides access to eastbound Exits 4 and 5.
- A SR-429 southbound on-ramp from CR-437A/Ocoee Apopka Rd was added in Orange County. All signs, geometry, and attributes were updated accordingly.
- A traffic circle was added at the intersection of CR-605/Oleander Ave/Sunrise Blvd and Ohio Ave in St. Lucie County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Baker, Holmes, Jefferson, Liberty, and Union counties.
- Additional street names and addresses were added in Bradford, Calhoun, Gulf, Hamilton, Hendry, Okeechobee, Taylor, and Washington counties.
- Alafaya Trl S was upgraded from a road level 5 to a road level 4 between Curry Ford Rd and Monument Pky in Orange County.
- Avalon Park Blvd was upgraded from a road level 5 to a road level 4 between S Alafaya Trail/SR-434 and Colonial Drive/SR-50 in Orange County.
- Collins Ave/SR-A1A was downgraded from a road level 4 to a road level 5 between 5th and 23rd St in Miami-Dade County.
- County naming and route types were updated in Florida to allow for more consistency across the state.
- CR-15/Narcoossee Rd in Orange County was upgraded from a single lane to a multi-lane road between SR-417/Central Florida Greenway and the Osceola County border.

- CR-209 was upgraded from a single lane road level 5 to a multi-lane road level 4 between Blanding Blvd and CR-220 in Clay County.
- CR-37B/Lakeland Highlands Rd was upgraded from a single lane to a multi-lane road between Glendale St and CR-540A in Polk County.
- CR-486/Norvell Bryant Hwy was upgraded from a single lane to a multi-lane road between N Ottawa Ave and N Iron Pt in Citrus County.
- CR-545/N Old Lake Wilson Rd was upgraded from a single lane to a multi-lane road between Westgate Blvd and Sinclair Rd in Osceola County.
- CR-603/53rd ST was upgraded from a road level 5 to a road level 4 between US-1 and CR-613/Kings Highway in Indian River County.
- CR-765/Burnt Store Rd was upgraded from a single lane to a multi-lane road between US-41 and Scham Rd in Charlotte County.
- CR-858/Oil Well Rd was upgraded from a single lane to a multi-lane road between CR-846/Immokalee Rd and Everglades Blvd N as well as between Oil Well Grade Rd and Ave Maria Blvd in Collier County.
- Crawfordville Rd/SR-61 was upgraded from a single lane to a multi-lane road between Rivers Rd and Arden Rd in Leon County.
- Disney's Art of Animation Resort was added in Orange County.
- Dunn Ave was extended over I-95 to connect with N Tomoka Farms Rd in Volusia County.
- Econlockhatchee Trl was upgraded from a road level 5 to a road level 4 between SR-50 and Valencia College Ln in Orange County.
- Exit 20 of SR-528-Toll was upgraded from a road level 5 to a road level 4 in Orange County.
- Exit 23 from Polk Pky to Pace Rd was added in Polk County. All signs, geometry, and attributes were updated accordingly.
- Exit 33B from SR-417 southbound to SR-408 westbound was added in Orange County. All signs, geometry, and attributes were updated accordingly.
- Exit 83 was removed between I-4 westbound and South St in Orange County. All signs, geometry, and attributes were updated accordingly.
- Exit numbers on I-295, formerly SR-9A, were added for Exit 37 and Exit 40 in Duval County.
- Extensive update of geometry and attributes in downtown Jacksonville was completed.
- Extensive update of geometry and attributes in downtown Miami was completed.
- Extensive update of geometry and attributes in downtown Tampa was completed.
- Ft Lauderdale/Hollywood Int'l Airport in Broward County was updated to include the closure of the perimeter road between SW 43rd ST and SW 2nd AVE. Signs pertaining to the rerouting of access to the Cell Phone Waiting Areas were also updated.
- ICP Blvd was upgraded from a road level 5 to a road level 4 between Monument Pky and SR-528-Toll in Orange County.
- Innovation Way was upgraded from a road level 5 to a road level 4 between Alafaya Trl S and Monument Pky in Orange County.

- Lincoln Blvd was downgraded from a road level 4 to a road level 5 between SR-992/SW 152nd St and SW 117th Ave in Miami-Dade County.
- Many rivers and lakes were added in Florida.
- Miami International Airport in Miami-Dade County was updated with new terminal exit modifications, including shifts of road geometry and new overhead sign modifications.
- Monument Pky was upgraded from a road level 5 to a road level 4 between the SR-528 interchange and Innovation Way in Orange County.
- Municipal city boundaries were updated in Alachua, Brevard, Broward, and Pinellas counties.
- Municipal city boundaries were updated in Alachua, Broward, and Orange counties.
- Municipal city boundaries were updated in Charlotte, Duval, Lake, Martin, Orange, St Johns, Sumter, Suwanee, Union, and Volusia counties.
- NW 107th Ave was downgraded from a road level 4 to a road level 5 between NW 138th St and W Okeechobee Blvd in Miami-Dade County.
- NW 12th St was upgraded from a road level 5 to a road level 4 between Milam Dairy Rd and NW 72nd Ave in Miami-Dade County.
- NW 138th St was upgraded from a single lane road level 5 to a multi-lane road level 4 between I-75 and US-27 in Miami-Dade County.
- Postal code 32163 for The Villages was added in Sumter County.
- Postal code 32307 was added in Leon County.
- Postal code 32610 was added in Alachua County.
- Postal code 33199 was added in Miami-Dade County.
- Postal code 33394 for Financial Plaza was added in Broward County.
- Postal code 33867 for River Ranch was added in Polk County.
- Range Road was upgraded from a road level 5 to a road level 4 between the SR-293 interchange and SR-20 in Okaloosa County.
- SE 31st St was upgraded from a road level 5 to a road level 4 between SR-464 and US-27 in Marion County.
- SE Green River Pky was upgraded from a road level 5 to a road level 4 between CR-707A/NE Jensen Beach Blvd and the county line in Martin County.
- SE Green River Pky was upgraded from a road level 5 to a road level 4 between SE Walton Rd and the county line in St. Lucie County.
- SE Veterans Memorial Pky was upgraded from a road level 5 to a road level 4 between SR-716/SE Port St Lucie Blvd and US-1/ in St. Lucie County.
- Sign and names were updated for the parking lots at the Orlando International Airport in Orange County.
- SR-200/SR-A1A was upgraded from a single lane to a multi-lane road between White Oak PI and Annie Laura St in Nassau County.
- SR-200/SR-A1A was upgraded from a single lane to a multi-lane road between Griffen Rd and White Oaks PI in Nassau County.
- SR-293 was extended from SR-20 to Range Road in Okaloosa County.
- SR-35 was upgraded from a single lane to a multi-lane road between SR-464 and SR-40 in Marion County.

- SR-429-Toll was re-configured to follow a new northbound path at SR-414. The old road bed and Exit 30 were set as construction closed due to the uncertain future of that stretch of road in Orange County.
- SR-50/W Colonial Dr was upgraded from a single lane to a multi-lane road between SR-429 and CR-545 in Orange County.
- SR-54 was upgraded from a single lane to a multi-lane road between SR-581 and Wesley Chapel Loop in Pasco County.
- SR-60 was upgraded from a single lane to a multi-lane road between CR-17B and Capps Rd in Polk County.
- SR-70 was upgraded from a single lane to a multi-lane between VPI Grove Rd and Summerlin Rd in St. Lucie County.
- SR-969/Milam Dairy Rd/NW 72nd Ave was upgraded from a road level 5 to a road level 4 between NW 12th St and NW 36th St in Miami-Dade County.
- SR-9A was updated to the name of I-295 in Duval County. Exit numbers on I-295, formerly SR-9A, were updated to reflect I-295 numbering convention.
- St Pete Times Forum was renamed to “Tampa Bay Times Forum” in Hillsborough County.
- Supplemental Geometry was added in Florida.
- SW 112th Ave was downgraded from a road level 4 to a road level 5 between SR-992/SW 152nd St and SW 184th St/Eureka Dr in Miami-Dade County.
- SW 117th Ave was upgraded from a road level 5 to a road level 4 between SR-992/SW 152nd St and SW 184th St/Eureka Dr in Miami-Dade County.
- SW 137th Ave was upgraded from a road level 5 to a road level 4 between SW 200th St/Quail Roost Dr and SW 152nd St in Miami-Dade County.
- SW 168th St/Richmond Dr was upgraded from a road level 5 to a road level 4 between SW 117th Ave and SW 112th Ave in Miami-Dade County.
- The exit from SR-417 southbound to Valencia College Ln was closed in Orange County.
- The Florida Marlins’ new stadium, “Marlins Ballpark”, was added in Miami-Dade County.
- The I-75/Colonial Blvd interchange in Lee County was reconfigured. The I-75 on-ramps from eastbound Colonial Blvd are now accessed via a separate connector road.
- The interchange at Florida's Turnpike Exit 62 was restructured in Broward County. The exit lane in the northbound direction begins further south and creates the addition of a new underpass.
- The interchange at Killian Pky/SR-874 was modified in Miami-Dade County. The modifications include a new separately digitized turn lane from westbound Killian Pky to SW 107th Ave. The accessibility to 107th Avenue and Killian Pky eastbound has also been modified.
- The interchange at SR-429-Toll/SR-414-Toll was updated and now provides full connectivity and access to each highway in all directions in Orange County.
- The intersection of Bonaventure Blvd and Saddle Club Rd was updated to a roundabout in Broward County.

- The intersection of SW 120th St and SW 97th Ave is now a roundabout in Miami-Dade County.
- The intersection of US-27 and US-441 was updated to reflect a new driving pattern in Lake County.
- The Medical Center of Trinity was added in Pasco County.
- The name of Pensacola Gulf Coast Regional Airport was changed to Pensacola International Airport in Escambia County. Geometry, POIs and signs were also updated.
- The Named Place POI for River Ranch was added in Polk County.
- The new Boston Red Sox spring training facility, "JetBlue Park", was added in Fort Myers.
- The new interchange between College Pky and CR-869 was added in Lee County. All signs, geometry, and attributes were updated accordingly.
- The off-ramp to Port Everglades exiting the Ft Lauderdale/Hollywood Int'l Airport was updated with a construction closed condition until construction finishes in January of 2014.
- The on-ramp from Valencia College Ln to SR-408 westbound was closed in Orange County.
- The ramp between US-1 northbound and I-595 westbound was closed for construction until January of 2014. Northbound US-1 access to I-595 is detoured west on Griffin Rd to I-95N to I-595.
- The ramp connecting westbound SR-84 to westbound I-595 at the I-595/Florida's Turnpike interchange in Broward County was removed.
- The ramp interchange at Valencia College Ln with access to and from SR-417-Toll was removed in Orange County.
- The rest areas at mile marker 277 on I-75 in Pasco County were updated with new geometry and new POI placement.
- The SR-826/Bird Rd/SR-874 interchange was reconfigured in Miami-Dade County. The access ramp for the northbound ramp to Bird Rd from SR-826 now starts adjacent to the Miller Rd exit. The southbound SR-826 Miller Rd Exit is accessed just south of Bird Rd.
- US-1 was updated from a single lane to a multi-lane road from Florida City in Miami-Dade County for 20 miles to Key Largo in Monroe County.
- US-301 was upgraded from a single lane to a multi-lane road between CR-232 and CR-214 in Sumter County.
- US-41/S Florida Ave was upgraded from a single lane to a multi-lane road between SR-44 and E Laperle Ln in Citrus County.
- Valencia College Ln was upgraded from a road level 5 to a road level 4 between Econolockhatchee Trl and John Wesley Way in Orange County.
- W Okeechobee Rd was downgraded from a road level 4 to a road level 5 between NW 138th St and NW 107th Ave in Miami-Dade County.
- Walkways were included for scope areas in Broward, Duval, and Hillsborough counties. Additional navigable geometry was added when required for connectivity of the walkways.

- Walkways were included for scope areas in Miami-Dade County. Additional navigable geometry was added when required for connectivity of the walkways.
- Washington Ave was upgraded from a road level 5 to a road level 4 between 5th St and Dade Blvd in Miami-Dade County.

### **Georgia:**

- Barrow County was completed with fully navigable coverage.
- Catoosa County was completed with fully navigable coverage.
- Effingham County was completed with fully navigable coverage.
- Jackson County was completed with fully navigable coverage.
- Walker County was completed with fully navigable coverage.
- 4 subdivisions were updated in Douglas County.
- 8 subdivisions were added in Rockdale County.
- 8 subdivisions were added or updated in Bryan County.
- 12 subdivisions were added or updated in DeKalb County.
- 15 subdivisions were added or updated in Cobb County.
- 17 subdivisions were added or updated in Chatham County.
- 36 signs were updated in a 3 mile radius around Hartsfield-Jackson Atlanta Int'l Airport in conjunction with the opening of the new Maynard H Jackson Jr International Terminal. The paths affected include, but are not limited to: I-285, I-20, I-85, I-75, and I-75/I-85 Connector.
- A diverging diamond interchange was created at I-285 and Ashford-Dunwoody Rd in DeKalb County.
- A new Cell Phone Lot was added in Hartsfield International Airport in Atlanta GA. Cell Phone Lot signs were also added within the airport polygon.
- A polygon was added for Atlanta Technical College in Fulton County.
- A polygon was added for Columbus State University in Muscogee County.
- A polygon was added for Columbus Technical College in Muscogee County.
- A polygon was added for CSU RiverPark in Muscogee County.
- A polygon was added for Georgia Perimeter College in Fulton County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Appling, Crisp, and Treutlen counties.
- Additional street names and addresses were added in Atkinson, Butts, Calhoun, Candler, Echols, Glascock, Lanier, Peach, Randolph, Taliaferro, Turner, Twiggs, and Webster counties.
- Additional street names and addresses were added in Barrow, Chattahoochee, Dawson, Elbert, Jefferson, Madison, Pierce, Pike, Pulaski, Sumter, Telfair, and Union counties.
- Additional street names and addresses were added in Brooks, Gilmer, Lee, Oconee, and Putnam counties.
- Atlanta Hwy was downgraded from a road level 4 to a road level 5 between Thurmon Tanner Parkway and Lights Ferry Rd in Hall County.
- County naming and route types were updated in Georgia to allow for more consistency across the state.



- Davis St was downgraded from a road level 4 to a road level 5 between Green St and Keys Dr in Jackson County.
- Falcon Pky was downgraded from a road level 4 to a road level 5 between Martin Rd and Mundy Mill Rd in Hall County.
- GA-1-Loop was added from US-27 to Blacks Bluff Ext SW in Floyd County.
- GA-234 was moved 1,100 feet north between Gordon-Mcintyre Rd and Avery Rd in Wilkinson County.
- Garden City was updated to disallow u-turns inside the city limits.
- Geometry, speed limits, and naming on I-95 in Liberty County were updated between mile markers 77-67. Interchanges with US-84 [Exit 76] and US-17 [Exit 67] also had their entrance/exit ramps adjusted. This section of roadway was previously coded as "under construction" but construction is complete and the database now reflects that.
- Gwinnett College was added in Gwinnett County.
- Hartsfield-Jackson Atlanta International Airport has opened the new Maynard H Jackson Jr International Terminal. New geometry, POIs, and signs were added to the database.
- John W Morrow Jr Pky was upgraded from a road level 4 to a road level 2 between Washington St and SW Jesse Jewell Pky in Hall County.
- McGinnish Ferry Rd was extended from Satellite Blvd to Lawrenceville-Suwanee Rd in Gwinnett County.
- Milledgeville Rd was upgraded from a single lane to a multi-lane road between Cay Dr and South Bypass in Putnam County. This also includes the shifting of the main road 1,500 feet west at the intersection with South Bypass.
- Municipal city boundaries were updated in Baldwin, Bulloch, Chattahoochee, Coweta, Jackson, Murray, and Pierce counties.
- Municipal city boundaries were updated in Bartow, Bleckley, Chatham, Clayton, Columbia, Fulton, McIntosh, and Pickens counties.
- Municipal city boundaries were updated in Whitefield County.
- Oconee Conn was extended from GA-316 to Epps Bridge Pky in Oconee County.
- Orchard Hill Rd was downgraded from a road level 4 to a road level 5 between Forrest Ave and Pegasus Pky in Troup County.
- Pegasus Pky was upgraded from a road level 5 to a road level 4 between Whitesville Rd and Roanoke Rd in Troup County.
- Piedmont Hospital in Atlanta had significant adjustments to its polygon and internal navigable geometry. The placement for the ER and Main Entrance POI was also adjusted.
- Pinetucky Rd was moved 600 feet west between Claxton Rd and US-1-BR in Emanuel County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Coweta County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Cherokee County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Clayton County.

- Sardis Church Rd was upgraded from a road level 5 to a road level 4 between I-75 and Houston Rd in Bibb County.
- Sugarloaf Pky was extended from W Campbell Rd to GA-316 in Gwinnett County.
- Supplemental Geometry was added in Georgia.
- SW Jesse Jewell Pky was upgraded from a road level 4 to a road level 2 between Queen City Pky and W Academy St SW in Hall County.
- Tara Field has changed its name to Atlanta Regional South Airport in Henry County.
- The Mitchell St Bridge connecting Centennial Olympic Park Dr and Spring St is now open in Fulton County.
- The name of GA-124 was re-routed in Jackson County. The new route extends on Green St from Davis St to Maddox Rd.
- The new interchange between Athens Perimeter Hwy and Oconee Conn (Exit 20) was added in Oconee County.
- The new interchange between I-75 and Sardis Church Rd (Exit 153) was added in Bibb County.
- The newly incorporated city of Peachtree Corners was added in Gwinnett County.
- Thurmon Tanner Pky was upgraded from a road level 5 to a road level 4 between Atlanta Hwy and Lights Ferry Rd in Hall County.
- US-1 was upgraded from a single lane to a multi-lane road between US-BR-1 in Emanuel County and Kennedy Rd in Jefferson County.
- US-1-BR was moved 1,200 feet north between US-1 and Kennedy Rd in Emanuel County.
- Walkways were included for scope areas in Cobb and DeKalb counties. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Gwinnett County. Additional navigable geometry was added when required for connectivity of the walkways.
- Washington St was downgraded from a road level 2 to a road level 4 between John W Morrow Jr Pky and Green St in Hall County.

### **Hawaii:**

- 2 subdivisions were updated in Honolulu.
- A new road level 3 ramp system was added for the intersection of HI-93 and I-H1 in Honolulu.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Honolulu County.
- Additional street names and addresses were added in Kauai County.
- Kauai County: Upgraded geometry to the Papahānaumokuākea Marine National Monument to aerial imagery.
- Supplemental Geometry was added in Hawaii.
- Walkways were included for scope areas in Honolulu. Additional navigable geometry was added when required for connectivity of the walkways.

### **Idaho:**

- Blaine County was completed with fully navigable coverage.
- Colbert County was completed with fully navigable coverage.

- A new ramp system was added that provides grade separation between US-20 and the Menan-Lorenzo Hwy in Menan.
- A Rails to Trails project in Bonner County has completed the process of converting the old Union Pacific railway from Sandpoint to Dover to a pedestrian and bicycle trail.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Adams, Camas, Gooding, Idaho, Lewis and Lincoln counties.
- Additional street names and addresses were added in Bannock, Benewah, Boise and Oneida counties.
- Additional street names and addresses were added in Blaine, Cassia, Clearwater and Jefferson counties.
- An Amtrak station POI was added in Sandpoint.
- Geometry around the construction on US-95 in Kootenai County between Garwood Rd and E Remington Rd was updated. The area will continue to be monitored for additional changes.
- In Bonner County, Sandpoint Airport was driven to verify and update all attributes, addressing, signs and POIs.
- Many rivers and lakes were added in Idaho.
- Signage was added at the interchange of US-95, US-2 and ID-200 in Sandpoint.
- The new bypass for US-95 on the east side of Sandpoint was Field Verified for geometry, attributes and signs.
- The Snake River and Columbia River were upgraded to polygonal feature representation. The Payette River was upgraded as a polygonal water feature that empties into the Snake River, along the Oregon/Idaho state boundary.
- Three popular rails-to-trails paths throughout Idaho were converted to pedestrian-only routes. Tourist Attraction POIs were added to the official trailheads. These include Weiser River Trail, Trail of the Coeur d'Alenes, and the Route of the Hiawatha.
- US-2 was realigned and widened in Dover. US-95 was realigned to make way for a new bypass in Sandpoint.
- With the completion of construction on US-2 in Dover, the geometry, attributes and naming were Field Verified.

### **Illinois:**

- A new entrance was added to the Abraham Lincoln Capitol Airport in Sangamon County.
- A portion of a new interchange on I-55 about 1.5 miles south of Arsenal Rd was Field Verified for geometry, attributes, conditions and signage in Will County. The new interchange will eventually replace the existing interchange at Arsenal Rd. Construction at the new interchange continues and will be monitored by local Field Staff for additional updates.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Carroll and Stephenson counties.
- Additional street names and addresses were added in Cumberland County.
- Additional street names and addresses were added in DeWitt County.

- Additional street names and addresses were added in McHenry County.
- Additional street names and addresses were added in Mercer and Scott counties.
- Additional street names and addresses were added in Morgan, Randolph, and Wabash counties.
- Additional street names and addresses were added in Stark and Tazewell counties.
- Based on Field Verification, the intersections of Wadsworth Rd and Hunt Club Rd and Millburn Rd and Hunt Club Rd in Old Mill Creek were updated with new road level 4 roundabouts.
- Exit and entrance ramps at E 92nd St for I-90 were upgraded to road level 3.
- Extensive update of geometry and attributes in downtown Chicago was completed.
- In Chicago, a number of road level changes have taken place to improve routing in areas of the city. They are as follows:
  - E 43rd St was downgraded from a road level 4 to a road level 5 between S Drexel Blvd and S Cottage Grove Ave.
  - E Pershing Rd was upgraded to a road level 4 between S Dr Martin L King Jr Dr and E Oakwood Blvd.
  - N Broadway St was upgraded to a road level 4 between W Foster Ave and N Sheridan Rd.
  - Randolph St was upgraded to a road level 4 between N Wacker Dr and N Lake Shore Dr.
  - S Cottage Grove Ave was upgraded to a road level 4 between E Oakwood Blvd and E 51st St.
  - S Drexel Blvd was downgraded from a road level 4 to a road level 5 between E Oakwood Blvd and E 51st St.
  - Washington St was upgraded to a road level 4 between N Wacker Dr and N Michigan Ave.
- In Chicago, Children's Memorial Hospital was relocated to the campus of Northwestern University-Chicago and renamed Ann & Robert H Lurie Children's Hospital of Chicago.
- In Crystal Lake, James R Rakow Rd was Field Verified for geometry and attribute changes associated with converting James R Rakow Rd from a single lane to a multi-lane path between IL-31 and McHenry Ave.
- In Huntley, IL-47 was Field Verified for new geometry, attributes, conditions and addressing associated with changing IL-47 from a single lane to a multi-lane path. These changes occur between Princeton Dr and Dean St.
- In McLean County, postal code 61758 for the town of Merna was added to the database. In addition, the existing Hamlet POI was changed to a Named Place POI.
- In Rock Island, IL-92 was Field Verified for geometry and attribute changes associated with converting IL-92 from a single lane to a multi-lane path between US-67 and the interchange at 31st St.
- In Rosemont, a new road level 4 ramp from I-294 northbound to Balmoral Ave was Field Verified for geometry, attributes, signs and conditions.
- In Will County, the ramp from I-55 S to IL-129 was permanently closed and removed from the database.

- John H Gwynn Jr Ave in Peoria was upgraded to road level 4 between W Dr Martin Luther King Dr and N MacArthur Hwy.
- Modified location of Brussels Ferry and associated ferry terminal in Jersey County.
- Municipal city boundaries were updated in Adams and Jackson counties.
- Municipal city boundaries were updated in Boone and DeKalb counties.
- Municipal city boundaries were updated in Kendall County.
- Part of a new interchange on I-55, about 1.5 miles south of Arsenal Rd, was Field Verified for geometry, attributes, conditions and signage in Will County. The new interchange will eventually replace the existing interchange at Arsenal Rd. Construction at the new interchange continues and will be monitored by local Field Staff for additional updates.
- Ramp geometry and signs were adjusted at the interchange of I-55 and IL-162 in Madison County.
- Spencer Rd in New Lenox was upgraded to road level 4 between S Cedar Rd and S Gougar Rd.
- Supplemental Geometry was added in Illinois.
- The geometry at the intersection of N Michigan Ave and E Oak St was updated to provide better routing through the intersection onto US-41 and/or the frontage road for N Lake Shore Dr.
- The geometry, attributes and conditions for US-20 between N Walnut St and N York St in Elmhurst were updated through Field Verification. In addition, the ramp from US-20 to eastbound I-290 in this same area was updated.
- The intersection of IL-40 and W Cedar Hills Dr was updated with new geometry and attributes in Peoria County.
- The Silver Cross Hospital has relocated from Joliet to New Lenox. The main and emergency entrances and associated geometry at the new location were Field Verified.
- The village of Romeoville has opened a new Village Hall. Named Place, Police Department and Village Hall POIs were moved to the new location on W 135th St.
- Updated ramp geometry and signs at the interchange of I-270 and IL-3 in Madison County.
- Walkways were included for scope areas in DuPage and Lake Counties. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Kane and Will counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **Indiana:**

- 1 new subdivision added in Boone County.
- A segment of IN-25 in Cass County was Field Verified for geometry and attribute changes associated with converting IN-25 from a single lane to a multi-lane path between W County Road 300 S and the Cass/Carroll County line.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Adams, Randolph and Vermillion counties.

- Additional street names and addresses were added in Benton, Brown, Carroll, Cass, DeKalb, Delaware, Fayette, Hancock, Henry, Huntington, Lagrange and Perry counties.
- Additional street names and addresses were added in Clay County.
- Additional street names and addresses were added in Clinton County.
- Additional street names and addresses were added in Crawford, Dubois, Franklin, Gibson, Knox and Lawrence counties.
- Additional street names and addresses were added in Greene County.
- As part of the ongoing construction at the I-465 and I-74 interchange in Indianapolis, Crawfordsville Rd is now a multi-lane road from Waterfront Parkway East Dr to N High School Rd. The temporary road level 3 ramp coming from Debonair Ln that provided access to I-465 and I-74 was removed and replaced with the permanent ramp from Crawfordsville Rd directly across from the northbound Exit Ramp (16A) from I-465.
- Based on Field Verification, the intersection of Midwest Steel Hwy and US-12 in Portage was updated to reflect Midwest Steel Hwy going over US-12. This change results in Midwest Steel Hwy no longer being accessible from westbound US-12 and IN-249 eastbound no longer being accessible from eastbound US-12. Traffic from US-12 wishing to access Midwest Steel Hwy and IN-249 between Midwest Steel Hwy and Crisman Rd should use the Crisman Rd interchange.
- In Allen County, all geometry and signs at Fort Wayne International Airport were updated through Field Verification.
- In Burns Harbor, the interchange for Park Rd on US-12 was updated to reflect minor changes to the ramp geometry and Park Rd becoming a multi-lane road.
- In Indianapolis, the interchange at I-465 and I-70 was updated. Exit 9A-B now leaves I-465 farther north and then splits into a ramp to I-70 (Exit 9B) west and a ramp paralleling I-465 (Exit 9A) to provide access to eastbound I-70 that used to exit directly from I-465.
- In Madison County, IN-132 was decommissioned and removed from the database.
- In Marion County, postal code 46282 for Indianapolis was added to the database.
- In Muncie, a number of road level changes and geometry updates around the downtown area have taken place. A listing of the changes follows:
  - Franklin St was downgraded to a road level 5 between N High St and W Jackson St.
  - The intersection of N High St and W Gilbert St has had its geometry updated.
  - Mulberry St was upgraded to a road level 4 from W Jackson St to W Gilbert St and then W Gilbert St to N High St was also upgraded to a road level 4.
- In Noblesville, Union Chapel Rd was extended north from Town and Country Blvd to IN-32 and south from IN-238 to Spectacular Dr to connect to a realigned Primrose Rd. Including the realignment of Primrose Rd, this entire stretch between IN-32 and E 146th St was upgraded to a road level 4 path. In addition, three new road level 4 roundabouts on Union Chapel Rd and two new road level 3 roundabouts on IN-32 were added.
- In Starke County, postal code 46968 for Ora was added to the database.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Clark County.

- Supplemental Geometry was added in Indiana.
- The area around Keystone Pky, US-31 and E 146th St in Westfield is currently under construction, but open to traffic. Several changes have already been completed as part of the project. There is a new road level 3 ramp from US-31 to southbound Keystone Pky. This new ramp joins another new ramp, road level 4, from E 146th St that provides access to southbound US-31 and N Range Line Rd that no longer connects to US-31 at grade.
- The bridge over the Wabash River for IN-66 in New Harmony was permanently closed. This was a road level 3 path from IN-69 through town into Illinois that was downgraded to road level 5. IN-69 from IN-66 was upgraded to road level 3 north to I-64 at Exit 4.
- The exit from I-80 westbound to I-65 in Gary was redesigned. The ramp now leaves I-80 just west of Central Ave and the ramp from Central Ave now connects to the new ramp leading to I-65 instead of directly to I-80. To allow traffic from Central Ave access to I-80 westbound, a new ramp splits from the ramp heading to I-65 south that also connects to the ramp from I-65 southbound to I-80 westbound.
- The exit from I-475 to Sam Jones Expressway was reconfigured into a diamond interchange.
- The following postal codes were updated in Porter County: 46385, 46385, 46347, 46383 and 46368.
- The Indiana East West Toll Road naming was updated along I-90 from Hammond to Elkhart.
- The interchange of I-74 and I-465 was reconfigured in Indianapolis. Traffic can no longer go straight through the I-465 interchange and continue east on Crawfordsville Rd. Eastbound Crawfordsville Rd traffic is now accessible by a new interchange at US-136. All the cloverleaf ramps providing access to I-74 and I-465 were eliminated in favor of flyover ramps. This area will continue to be monitored for additional updates by local Field Staff as construction continues.
- The mile markers, Highway Exit POIs and exit numbering on I-69 from Indianapolis north to the Michigan state line were updated by adding 200 to the previous numbers.
- The path of IN-3 in Clark County was Field Verified for new geometry, attributes, conditions and addressing associated with changing IN-3 from a single lane to a multi-lane path between Pleasant St and IN-62.
- The path of IN-60 between Payne Koehler Rd and Apple Leaf Ln in Clark County was updated to a multi-lane path.
- The ramp from US-31 southbound to I-465 eastbound was redesigned. It now leaves US-31 on the north side of I-465 directly across from the ramp from westbound I-465 to US-31.
- The venue known as Verizon Wireless Music Center has changed names. As a result, the POI was updated to the new name of Klipsch Music Center in Hamilton County.
- Through Field Verification, the N Keystone Ave interchange at I-465 in Indianapolis was updated with new geometry for the northbound side of the multi-lane path along with the ramp leading to eastbound I-465 from northbound Keystone Ave. The interchange continues to be under construction and will be updated as additional ramp changes open to traffic.

- Through Field Verification, the N Keystone Ave interchange with I-465 in Indianapolis was updated with additional changes since Q4 2011. The interchange continues to be under construction and will be updated as additional ramp changes open to traffic.
- US-31 in Bartholomew County was upgraded from a single lane to a multi-lane road between IN-11 and Market St.
- Walkways were included for scope areas in Marion and Porter counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **Iowa:**

- 1 residential subdivision was added/updated in Webster County.
- A 1.5 mile stretch of US-30, a road level 2, was modified in Clinton County.
- Added a new 10.4-mile multi-lane stretch of US-61, a road level 2, in Lee County. This update includes new ramp geometry and signs at the following four interchanges along this new stretch of US-61: IA-2, IA-103, CR-X32/303rd Ave, and US-61-BR.
- Added postal codes 50011, 50012 and 50013 for Ames.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Allamakee, Buena Vista, Cherokee, Chickasaw, Kossuth, Louisa, Mills, Warren, and Winnebago counties.
- Additional street names and addresses were added in Audubon, Greene, Harrison, Jasper, Mitchell, Montgomery and Woodbury counties.
- Additional street names and addresses were added in Cedar, Clarke, Howard, Lucas, Muscatine, and Shelby counties.
- Additional street names and addresses were added in Madison County.
- Associated road geometry and POIs were updated for Myrtue Medical Center in Shelby County.
- Road level 3 and road level 4 roads were driven and coded to include updates for navigation in 89 counties in Iowa.
- Geometry for rest areas along northbound and southbound I-35 was removed near Ankeny in Polk County. A new interchange is scheduled to be completed in 2012 for this area where the rest area geometry once existed.
- IA-83 no longer exists on the path of Tamarack Rd between US-59 and IA-191 in Pottawattamie County and was removed from the database.
- IA-133 no longer exists on the path of S 6th St between US-30 and L Ave in Story County and was removed from the database.
- Many rivers and lakes were added in Iowa.
- Municipal city boundaries were updated in Benton, Cedar, Clayton, Poweshiek, Webster, and Winneshiek counties.
- Road geometry, POIs, and signs were updated inside Waterloo Regional Airport in Black Hawk County, Mason City Municipal Airport in Cerro Gordo County, and Des Moines Int'l Airport in Polk County.

### **Kansas:**

- A new 6.8 mile multi-lane stretch of KS-61 was added in Reno County. Two new interchanges were also added along this new stretch of KS-61, at Medora Rd and at E 56th Ave.



- A new 11 mile multi-lane stretch of US-59, a road level 2, was added in Douglas County. New ramp geometry and signs were also added along this stretch of US-59 at the following three interchanges: US-56, N 650th Rd, and N 1000th Rd.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Anderson, Chase, Clark, Clay, Elk, Hodgeman, Kiowa, Montgomery, Ottawa, Rush, Sumner, Wabaunsee, Wilson and Woodson counties.
- Additional street names and addresses were added in Barber and Gray counties.
- Additional street names and addresses were added in Bourbon, Chautauqua, Coffey, Geary, Jackson, Johnson, Leavenworth, Miami, and Rice counties.
- Additional street names and addresses were added in Cloud, Jefferson, Meade, Pawnee, Pottawatomie, Riley, and Russell counties.
- Expanded a 14-mile stretch of KS-61 to a multi-lane road in McPherson and Reno counties. This update also included the addition of new ramp geometry and signs at the interchange of KS-61 and Cherokee Rd in McPherson County.
- In Montgomery County, US-169 was Field Verified for geometry and attribute changes associated with converting US-169 from a single lane to a multi-lane path between US-166 and just north of County Road 2800.
- Municipal city boundaries were updated in Barton, Doniphan, Harper, Labette, Montgomery, and Rawlins counties.
- New ramp geometry and new signs to 75th Street (one off-ramp from northbound I-35 and another off-ramp from northbound US-69) were added in Johnson County.
- New ramp geometry and new signs were added at the interchange of KS-18 and KS-114 in Riley County.
- Walkways were included for scope areas in Johnson County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Kentucky:**

- 1 new subdivision was added in Simpson County.
- A 2 mile stretch of US-460/Frankfort Rd in Scott County was realigned between the intersections of KY-227 and Craig Ln.
- A 7 mile stretch of KY-61/S Burkesville Rd in Adair County was realigned between the interchange of Louie B Nunn Cumberland Pky to the intersection of H Gowan Rd.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Adair, Bullitt, Butler, Carlisle, Crittenden, Edmonson, Hopkins, Jackson, Lee, Leslie, McLean, Nicholas and Robertson counties.
- Additional street names and addresses were added in Anderson, Carroll, Garrard, Hancock, Hardin, Harrison, Livingston, Mason, McCracken, Trigg, Trimble and Woodford counties.
- Additional street names and addresses were added in Bath, Bracken, Carter, Owsley, Spencer, Todd and Washington counties.
- Additional street names and addresses were added in Bourbon, Caldwell, Clinton, Estill, Green, Henry, Johnson, Larue, Marion, Metcalfe, Monroe and Powell counties.

- Cincinnati Airport (CVG) in Covington is now just 1 terminal instead of 3. All associated POIs were adjusted to reflect the new changes.
- Construction at the interchange of I-65 and William H Natcher Pky has completed. All the new geometry was Field Verified for geometry, attributes, conditions, and signage. Along with the new interchange, William H Natcher Pky was extended to the east from I-65 to US-231 south of Dye Ford Rd. Included in this extension is a new road level 4 interchange at Plano Rd/KY-622.
- In Clinton County, a new path (parts of it are multi-lane) for US-127 was Field Verified for new geometry, attributes, naming, conditions and addressing. This new section was built between KY-90 and KY-1590 just west of Albany. The old path of US-127 was downgraded to road level 5 between KY-3156 and the new US-127 and road level 4 from the new US-127 to Burkesville Rd in Albany. Construction continues in the area to completely reroute US-127 around Albany that will be monitored by Field Staff.
- In Pioneer Village, KY-61 was Field Verified for geometry and attribute changes associated with converting KY-61 from a single lane to a multi-lane path between Cardinal Ave and KY-1526.
- In Rockcastle County, a new path for US-150 was Field Verified for new geometry, attributes, naming, conditions and addressing. This new section was built between KY-461 and Bluebird Ln. The old path of US-150 through Brodhead was downgraded to road level 4. All other parts of the old US-150 in the area have either been downgraded to road level 5 or eliminated.
- Kosair Children's Medical Center-Brownsboro was added in Jefferson County.
- Many rivers and lakes were added in Kentucky.
- Municipal city boundaries were updated in Boyd, Bullitt and Floyd counties.
- Municipal city boundaries were updated in Hardin, Scott and Warren counties.
- Postal code 40122 for Fort Knox was added in Hardin County.
- Postal codes 40856 for Miracle and 40845 for Hulen were added in Bell County.
- Realigned 4 miles KY-163 in Monroe County between E Cyclone Rd and Rex Bartley Rd.
- The bridge for US-68 over Kentucky Lake between Marshall and Trigg counties that was struck by a barge and collapsed on January 27, 2012 was fixed and reopened to traffic over Memorial Day weekend. The closure conditions in the database were removed.
- The highway exit numbers on William H Natcher Pky from I-65 to Owensboro were updated.
- The old path of US-150 through Springfield was renamed US-150-BR.
- The path of KY-1526 between KY-61 and KY-1450 was upgraded to a road level 4 path in Pioneer Village.

### **Louisiana:**

- West Baton Rouge Parish was completed with fully navigable coverage.
- 1 residential subdivision was added/updated in Livingston Parish.
- 1 residential subdivision was added/updated in Vermillion Parish.
- 5 postal codes were updated in Lafayette Parish.
- 5 residential subdivisions were added/updated in St Barnard Parish.

- 12 postal codes were updated in Tangipahoa Parish.
- 22 postal codes were updated in Caddo Parish.
- 26 postal codes were updated in Rapides Parish.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Natchitoches Parish.
- Additional street names and addresses were added in Plaquemines, Red River, and St John the Baptist parishes.
- Additional street names and addresses were added in Sabine Parish.
- Additional street names and addresses were added in St Charles, St Tammany, and West Feliciana parishes.
- Changed the name of the Louisiana Superdome to the Mercedes-Benz Superdome in Orleans Parish.
- County naming and route types were updated in Louisiana to allow for more consistency across the state.
- Expanded a 1-mile stretch of US-71, a road level 1, to a multi-lane road in Caddo Parish.
- Expanded a 14-mile stretch of LA-28, a road level 2, to a multi-lane road in Vernon Parish.
- Frontage road geometry was added along a 4.8-mile stretch of US-90 in Iberia Parish.
- Municipal city boundaries were updated in Allen, Claiborne, Evangeline, Ouachita, Tensas, and Webster parishes.
- Municipal city boundaries were updated in Ascension, Livingston, St Bernard, and St Landry parishes.
- Ramp geometry and signs were modified at the interchange of LA-48/Jefferson Hwy and LA-3152/Clearview Pky in Jefferson Parish.
- Ramp geometry was modified at the interchange of I-10 & N Causeway Blvd in Jefferson Parish.
- Ramp geometry was modified at the interchange of I-20 & LA-782-2 in Bossier Parish.
- Residential subdivisions were added/updated in Livingston (22 subdivisions), St Tammany (3 subdivisions), and West Baton Rouge (5 subdivisions) parishes.
- Road geometry was updated inside Monroe Regional Airport in Ouachita Parish.
- Updated alignment of a 5.5-mile stretch of I-10, road level 1, in Orleans and St Tammany parishes.
- Updated ramp geometry and signs at the interchange of I-10 and US-11 in Orleans Parish.

**Maine:**

- A new road level 2 highway connector was added in Aroostook County as a bypass around Caribou. The new route is named Caribou Connector/ME-161 and allows drivers to bypass US-1 through the downtown area. As a result, a 1.5 mile section of US-1 through Caribou was downgraded from road level 2 to road level 3.
- A section of US-1A in Penobscot County (Bangor) was re-routed from Summer Street and Railroad Street to Cedar Street.
- Additional shopping center polygons were added all across the state.

- Additional street names and addresses were added in Androscoggin and Lincoln counties.
- Additional street names and addresses were added in Hancock, Penobscot, and Waldo counties.
- Portland Int'l Jetport in Portland has undergone a recent expansion and new restaurant and shopping POIs were added.
- Postal Code 04019 (Bustins Island) was added to the database. In addition, road geometry, ferry connections, and the Named Place POI were updated on Bustins Island.
- The Portland Jetport's expansion was completed which included modified road geometry and signage on approach roads.
- The reconstructed Veterans Memorial Bridge was opened providing a key road level 3 connection from I-295 in South Portland to Fore River Pky in Portland, ME. Bridge and road geometry were adjusted to match the new path and also includes a new intersection at Fore River Pky.

### **Maryland:**

- 1 new subdivision was added in Frederick County, 1 new and 1 updated in Montgomery County, 1 updated and 3 new in Charles County, 1 updated in Anne Arundel County and 2 updated in Baltimore County.
- 2 new subdivisions were added in Montgomery and 4 were added in Prince George's counties.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Anne Arundel, Frederick and Prince George's counties.
- Additional street names and addresses were added in Dorchester County.
- Arundel Mill Blvd was upgraded to road level 4 from I-295 to MD-100 in Anne Arundel County.
- Extensive update of geometry and attributes in downtown Baltimore was completed.
- Father Hurley Blvd was extended to Germantown Rd (MD-188) in Germantown (Montgomery Co).
- I-295 interchange with Arundel Mills Blvd was reconfigured to have traffic diverge to the left side in either direction in Hanover County.
- Maryland Live Casino was added at Arundel Mills Mall in Anne Arundel County.
- MD-200, the Inter County Connector, is now fully open between I-95 and I-270 in Montgomery and Prince George's counties.
- MD-295 was widened from two lanes to three lanes in each direction, between I-195 and I-695 in Anne Arundel County.
- Monocacy Blvd was extended between East St to South St in Frederick County.
- New internal U-Turn lanes were added to Crain Hwy/MD-3 at intersection with Waugh Chapel Rd in Anne Arundel County.
- New subdivisions were added in Cecil, Frederick, Harford, Anne Arundel, Montgomery, Prince George's and Charles counties.
- Postal code 20656 for Loveville was added in St Marys County.

- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Montgomery County.
- Road level 1 through road level 4 roads were driven and coded to include updates navigation in Howard County.
- Saint Charles Parkway was extended between Radio Station Rd and Saint Edwins Dr in Charles County.
- Supplemental Geometry was added in Maryland.
- The ER Entrance for University of Maryland Medical Center in Baltimore City was moved to new location.
- The interchange at I-95/MD-24/MD-924 was reconfigured to better suit the updated geometry of MD-24 in Harford County.
- The locations of the Main and ER Entrance POIs for Johns Hopkins Hospital were updated to reflect recent construction.
- The main and ER Entrances for Med Star Franklin Square Medical Center in Baltimore County were moved to new locations.
- Walkways were included for scope areas in Anne Arundel, Baltimore, Baltimore City, Montgomery and Prince George's counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **Massachusetts:**

- A new road level 3 roundabout was added on N Pleasant St at the intersection of Eastman Ln and Governors Dr on the University of Massachusetts at Amherst campus.
- A new road level 4 ramp has opened on RT-79 at US-6 in Fall River.
- A new ramp interchange was added off of RT-24/RT-79 in Bristol County. Exit 8B Exit and Entrance ramps were added in both north/south directions. In addition, new surface road connectivity was added for Innovation Way.
- A new rotary (roundabout) was added at the end of Exit 5 entry and exit ramps of US-6/Mid-Cape Highway in Barnstable County. Signs were updated accordingly.
- A new subdivision was added in Essex County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Barnstable County.
- Additional street names and addresses were added in Franklin and Hampshire counties.
- Barnstable Municipal Airport was updated to reflect new road configuration in Barnstable County. Signs and POIs within the airport were updated as a result.
- Exit 27 on I-95 North was adjusted so that it is now a single exit point for Exit 27 A&B in Middlesex County instead of separate exit points for 27A and 27B. POIs and signs have all been updated to reflect the change.
- Extensive update of geometry and attributes in downtown Boston was completed.
- Logan Int'l Airport in Boston was updated for sign changes to terminal information for Arrivals and Departures and also for geometry changes near rental car hub areas. Construction is ongoing at the airport and will be closely monitored for future changes.
- Martha's Vineyard Airport in Dukes County was Field Verified for road naming improvements.

- New bridge spanning the Taunton River (Veterans Memorial Bridge) has opened on US-6 in Bristol County between the towns of Fall River and Somerset. The new bridge includes several new ramps connecting to RT-79 in Fall River and to RT-103/Riverside Avenue in Somerset. All applicable signs and names were updated. One off-ramp from RT-79 is still under construction and is scheduled to open in the Fall of 2012. The new bridge is slightly north of the old Brightman Street Bridge, which was permanently closed and removed from the map database.
- New Exit 8B was added off of RT-24 in Bristol County leading to road level 4 Innovation Way. Former Exit 8 off of RT-24 to the south of this new ramp was renamed Exit 8A. All signs were updated to reflect the changes.
- Ramps at two interchanges along RT-128 in Essex County were reconstructed due to construction completion. Exits 22 and 23 in north and southbound directions were updated for ramp geometry and signage.
- Supplemental Geometry was added in Massachusetts.
- The bridge for RT-116/RT-141/Cabot Street over the Connecticut River in Hampden County was closed while under construction. The estimated opening is spring 2014.
- The bridge for the Holloway Street Bypass over RT-140 in Bristol County was closed while under construction. The estimated opening is the end of 2012.
- The road level 1 ramp connecting I-291 West to I-91 South in Hampden County was extended so that it restricts access to Exit 7 off of I-91.
- The intersection of Cambridge Street and Charles Street in Boston was modified for more accurate representation.
- The ramp configuration at the interchange of RT-9 and US-20 in Worcester County was modified to reflect recent construction updates.
- Walkways were included for scope areas in Essex, Middlesex, Norfolk, and Suffolk counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **Michigan:**

- 1 new subdivision added in Macomb County.
- 1 new subdivision added in Wayne County.
- 2 subdivisions were updated with new geometry.
- A new road level 3 ramp from I-69/I-94 eastbound to Pine Grove Ave in Port Huron. This ramp replaces the ramp that used to exit north from the same location to provide access to M-25. Construction continues in this area and will be monitored for additional changes.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Antrim and Presque Isle counties.
- Additional street names and addresses were added in Charlevoix, Ionia, Kalkaska, Montgomery and Otsego counties.
- Additional street names and addresses were added in Clare, Houghton and Lake Counties.
- Exits 144 and 145 in Jackson County were updated through Field Verification. Exit 144 no longer exist and was removed from the database. Exit 145 eastbound connecting

to Ann Arbor Rd has also been removed. That exit now connects to Sargent Rd by way of a new cloverleaf ramp. In addition, Ann Arbor Rd was upgraded to road level 3 from Young Rd to Sargent Rd which is also upgraded to road level 3 to the interchange at I-94.

- In Allegan County, postal code 49335 for the town of Moline was added to the database. In addition, the existing Hamlet POI was changed to a Named Place POI.
- In Cheboygan County, Club Rd between Onaway Rd and Martha St was Field Verified for geometry and attributes and was upgraded to road level 4. Martha St between Club Rd and S Straits Hwy has also been updated in the same manner. These changes are the result of Onaway Rd no longer connecting to S Straits Hwy.
- In Detroit, 3rd St between Forest Ave W and Ledyard St was updated to a bidirectional path.
- In Detroit, Livernois Ave was Field Verified for geometry and attribute changes associated with converting Livernois Ave from a single lane to a multi-lane path between McNichols Rd and Grand River Ave.
- In Detroit, the intersection of M-3 and Broadway St was updated with new turn lanes to and from Broadway St.
- In Detroit, the POI and polygon for Cobo Hall were updated to Cobo Center.
- In downtown Adrian, Broad St and Winter St between Church St and Front St are now bidirectional. Both streets still carry their M-52 designation but were downgraded to road level 4 while Main St was upgraded to road level 3 between the same two streets through downtown. In addition, Church St between W Maumee St and S Broad St is now bidirectional as well and serves as the only path for US-223-BR from S Main St to W Maumee St.
- In Eaton County, one subdivision was updated with new geometry.
- In February, a judicial decision was made that should bring the Ambassador Bridge construction project to a close in the near future. However, no timeline was established as to when the project will complete. Therefore, no changes have taken place to the coding in the database. The local Field Staff will be closely monitoring any new developments in the coming months and update the database accordingly. There are three ramps that remain closed to all traffic in the database. In addition, the ramps associated with the truck only checkpoint providing access to north and southbound I-75 remain closed. The possibility exists for these ramps to open without notice.
- In Grand Traverse County, the Cherry Capital Airport was Field Verified for new signage and POI naming for the Long and Short Term Parking Lots and the addition of the Cellphone Parking Lot.
- In Ingham County, postal code 48924 for Lansing was added to the database.
- In Ionia County, direct access between M-91 and White Bridges Rd, about a tenth of a mile south of Ellis Rd, no longer exists. Traffic must now use Ellis Rd off M-44 to access White Bridges Rd
- In Kalamazoo County, one subdivision was updated with new geometry.
- In Kent County, Apple Orchard Ave NE, new geometry for a new strip mall at the intersection of Knapp St NE and M-44 was updated with attributes, conditions and POI that were Field Verified.

- In Kent County, Gerald R Ford International Airport was driven to verify and update all attributes, addressing, signs and POIs.
- In Macomb County, Metro Beach Metropark was renamed Lake St Clair Metropark.
- In Macomb County, one subdivision was updated with new geometry.
- In Marine City, the Bluewater Ferry path was upgraded to road level 4. In addition, a road level 4 route was Field Verified along Chartier Ave from Parker St to S Belle River Ave up to Bridge St over to S Water St and then to the Bluewater Ferry. The road level 4 has also been added from the Bluewater Ferry north along Water St to Broadway St and then over to Main St to connect to the existing road level 4 path.
- In Monroe County, postal code 48110 for the town of Azalia was added to the database. In addition, the existing Hamlet POI was changed to a Named Place POI.
- In Oakland County, Dutton Rd between M-24 and Adams Rd was Field Verified for geometry, attributes, addressing, POIs and conditions to upgrade the path to road level 4.
- In Oakland County, Walnut Lake Rd was downgraded to road level 5 between Halsted Rd north of Pleasant Lake and Haggerty Rd. In addition, Halsted Rd between Walnut Lake Rd and W Maple Rd was downgrade to road level 5.
- In Osceola County, the intersection of M-66 and M-115 was updated to accommodate changes made to the intersection of 15 Mile Rd and M-115. Traffic eastbound on 15 Mile Rd must now use M-66 to get to M-115 as 15 Mile Rd no longer connects to M-115 from the west.
- In Ottawa County, Chicago Dr was Field Verified for new U-turns and removal of U-turns that no longer exist. In addition, several roads no longer connect to Chicago Dr and were disconnected along the stretch of Chicago Dr between Balsam Dr and Byron Rd.
- In Port Huron Twp, a new road level 4 ramp was added from I-69/I-94 eastbound to Lapeer Rd.
- In Rochester Hill, two new cloverleaf ramps were added to the interchange at Crooks Rd and M-59.
- In Wayne County, a section of frontage road for Michigan Ave between Telegraph Rd and Woodcroft Dr was added on the north side of Michigan Ave.
- In Wayne County, all ramps to and from I-75 at Dix Toledo Hwy with the exception of the ramp from southbound I-75 to Dix Toledo Hwy and northbound Dix Toledo Hwy to I-75 southbound, were closed in the database in preparation for construction that will reconfigure the interchange to a simple diamond interchange.
- In Wayne County, Detroit Metro Airport was driven to verify and update all attributes, addressing, signs and POIs.
- In Wayne County, postal code 48233 for Detroit was added to the database.
- In Wayne County, the intersection of N Sheldon Rd, Cranberry Dr and Sheldon Center Rd was updated through Field Verification with new geometry and attributes.
- Many rivers and lakes were added in Michigan.
- Municipal city boundaries were updated in Barry, Berrien, Clare, Kalkaska, Otsego and Wayne counties.
- Municipal city boundaries were updated in Clinton and Wayne counties.



- New roundabouts were Field Verified at the intersection of the ramps and Main St off of I-94 in Mattawan.
- Recently, 11 Mile Rd in Calhoun County was officially signed as M-311 from M-60 in Burlington to M-96 near I-94. The M-311 name was added to the database. In conjunction with the new naming, 11 Mile Rd from D Dr S was upgraded to road level 4 north to M-96 and 12 Mile Rd was downgraded to road level 5.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Wayne County.
- Supplemental Geometry was added in Michigan.
- The Exit 160 interchange on I-96 at Beck Rd in Novi was Field Verified for new geometry, attributes and signage.
- The Exit 76 interchange on I-94 at S Westnedge Ave in Portage was Field Verified for new geometry, attributes and signage.
- The exit ramp from I-196 westbound to Fuller Ave NE in Grand Rapids was Field Verified for minor geometry changes related to the centerline of the ramp.
- The following airports were Field Verified for any changes in geometry, signage, attributes and/or POIs: Houghton County Memorial Airport and Gerald R Ford International (changes only relate to the main ring road).
- The following postal codes were updated in Michigan: 49301, 49302, 49306, 49315, 49316, 49321, 49331, 49341, 49418, 49503, 49504, 49505, 49506, 49508, 49512, 49534, 49544 and 49548.
- The geometry for the Detroit-Windsor Tunnel has updated.
- The geometry for the rest area along I-96, one mile east of M-100, was updated as a result of the completion of a recent construction project.
- The interchange at I-69/I-96 and M-43 in Eaton County was Field Verified for new geometry, attributes, conditions and signage.
- The intersection of Grand River Ave and Temple St in Detroit was updated with new geometry, attributes and conditions that were Field Verified.
- The intersection of M-5 and N Pontiac Trl in Commerce Twp was updated with a new road level 3 roundabout.
- The intersection of Seward Ave and Lexington Ave SW in Grand Rapids was updated with new geometry, attributes and conditions that were Field Verified.
- The location of the Kalamazoo Named Place POI was moved east to be located in the city center.
- The interchange at Exit 76 on I-94 in Portage that was updated in Q1 2012 has now been completely attributed. There were a few ramps that were not completely finished with construction for the Q1 2012 Release. Those have now been completed and update accordingly in the Q2 2012 database.
- The polygon for Capital Region International Airport in Clinton County was modified to follow S Dewitt Rd from the county line north along its realigned path up to W State Rd. The new geometry for S Dewitt Rd and adjustments at the intersection of Port Lansing Rd were Field Verified.
- There is no new information regarding the Ambassador Bridge area for Q1 2012. There are three ramps that remain closed to all traffic in the database. In addition, the ramps associated with the truck only checkpoint providing access to north and

southbound I-75 remain closed. There is no known public information as to when these ramps will open to traffic due to the ongoing litigation. The possibility exists for these ramps to open without notice.

- US-127 in Clinton County was Field Verified for changes related to Michigan U-Turns that no longer exist or new ones added and connecting roads that no longer cross the highway. In particular Hyde Rd no longer crosses US-127. New Michigan U-Turns north and south of Hyde Rd must now be used.
- US-12-BR was renamed M-139 between US-31 and US-12 in Berrien County.
- Walkways were included for scope areas in Macomb, Monroe and Oakland counties. Additional navigable geometry was added when required for connectivity of the walkways.
- Westnedge Ave in Portage was updated with new speed limit and lane count information between Romence Rd and Whites Rd through Field Verification.
- Work on the Gateway Project around the Ambassador Bridge in Detroit is on track to complete in October of this year. Therefore, all ramp geometry in the area was opened in the database including the truck only ramps from Canada that provides direct access to I-75. In addition, all temporary road level upgrades and geometry changes that were in place since the project began were reverted to their original road level and representations.

### **Minnesota:**

- A 1.3 mile stretch of MN-242 was upgraded to a multi-lane road in Anoka County.
- A new 7.3 mile a multi-lane stretch of MN-23, a road level 2, was added around Paynesville in Stearns County. New ramp geometry and signs were also added along this stretch of MN-23 at the following three interchanges: MN-23-BR, MN-4/MN-55, and Veterans Dr.
- A residential subdivision was added in Stone County.
- Added a new 5.2-mile multi-lane stretch of US-14 in Waseca County. Also, added new ramp geometry and signs at the interchange of US-14 and CR-2/360th Ave in Waseca County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Benton, Clay, Le Sueur, Rock, Sherburne, Todd, and Wabasha counties.
- Additional street names and addresses were added in Clearwater, Swift and Wilkin counties.
- Additional street names and addresses were added in Lac qui Parle and Renville counties.
- Additional street names and addresses were added in Lyon County.
- Extensive update of geometry and attributes in downtown Minneapolis was completed.
- Geometry was updated at Regina Medical Center in Dakota County.
- Geometry was updated at St John's University in Stearns County.
- In Bloomington, all ramps and local roads at and around the interchange of US-169 and I-494 were updated through Field Verification. Construction continues in the area and will be monitored by local Field Staff.

- In Perham, a new hospital (Perham Health Sanford) has opened and has had the geometry for the main and emergency entrance as well as the surrounding geometry updated through Field Verification.
- In Savage, the intersection of 160th St SE and Allen Blvd was reconfigured and was updated through Field Verification. In addition, 160th St SE was moved to the north from Country Dr to Allen Blvd.
- In St Cloud, the intersections of 50th Ave N and Ridgewood Ave at Veterans Dr were updated through Field Verification. 50th Ave N now crosses the Sauk River and connects to Veterans Dr where 54th Ave intersects.
- In Washington County, one subdivision was updated with new geometry.
- Main and Emergency Room POIs were adjusted for Children's Hospital-St Paul in Ramsey County.
- Many rivers and lakes were added in Minnesota.
- Municipal city boundaries were updated in Becker, Clearwater, Cottonwood, Kandiyohi, and Ramsey counties.
- POIs were updated inside Minneapolis/St Paul Int'l Airport in Hennepin County.
- Postal code 56321 was added in Stearns County.
- Ramp geometry and signs were added at the interchange of MN-13 and MN-101 in Scott County.
- Ramp geometry and signs were modified at the interchange of I-494, a road level 1, and US-169, a road level 2, in Hennepin County.
- Ramp geometry and signs were modified at the interchange of I-694 and MN-51 in Ramsey County.
- Road geometry and POIs were updated inside Duluth Int'l Airport in St Louis County.
- The following postal codes were updated in Clay County: 56560 and 56514.
- The geometry for the main and emergency entrance for Minneapolis Children's Hospital was updated through Field Verification.
- The geometry for the main and emergency entrance for United Hospital District in Blue Earth (city) was updated through Field Verification.
- The geometry of County Road 75 was updated between Great Northern Railway and River St in Monticello.
- The intersection of County Road 42 and Marshall Rd in Shakopee was updated through Field Verification to an interchange. In conjunction, Marshall Rd was changed to a multi-lane path from Norton Dr to just north of the new interchange.
- The path of 195th St between Flagstaff Ave and MN-3 in Farmington was upgraded to a road level 4 path through Field Verification.
- The southbound path of MN-51 from County Road F over I-694 and the ramp to eastbound I-694 were demolished in Arden Hills and were removed from the database.
- Through Field Verification, 5th St NE was extended from 3rd Ave NE to 6th Ave NE in Buffalo. With this new stretch of 5th St NE, the whole path of 5th St NE was upgraded to road level 4 between Central Ave and MN-55.
- Updated ramp geometry and signs at the interchange of I-35 and CR-2/W Broadway Ave in Washington County.

- Updated ramp geometry and signs at the interchange of I-35E and CR-14/Main St in Anoka County.
- US-10 in Sherburne County was Field Verified countywide in order to update a number of intersections that no longer cross the highway.
- Walkways were included for scope areas in Hennepin and Ramsey counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **Mississippi:**

- Oktibbeha County was completed with fully navigable coverage.
- 2 postal codes were updated in Oktibbeha County.
- 3 postal codes were updated in Alcorn County.
- 4 postal codes were updated in Union County.
- 6 postal codes were updated in Lee County.
- 10 residential subdivisions were added/updated in Madison County.
- A 1.6 mile stretch of MS-4 was added in Marshall County. Also, new ramp geometry and signs were added at the interchange of MS-4 & MS-178 in Marshall County.
- A new hospital POI was added in Madison County.
- Added a new 7.4-mile stretch of MS-30 in Prentiss County. Also in this update, added new ramp geometry and signs along this new stretch of MS-30 at the following three interchanges: US-45, MS-4, and MS-145.
- Added new ramp geometry and signs at the interchange of I-20/I-59 and Jimmie Rodgers Pky in Lauderdale County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Adams County.
- Additional street names and addresses were added in Benton, George, Greene, Neshoba, Pike, Stone, and Walthall counties.
- Additional street names and addresses were added in Jones and Noxubee counties.
- County naming and route types were updated in Mississippi to allow for more consistency across the state.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Rankin County.
- Road level 3 and road level 4 roads were driven and coded to include updates for navigation in Walthall, Wayne, Webster, Wilkinson, Winston, Yalobusha, and Yazoo counties.
- Many rivers and lakes were added in Mississippi.
- Municipal city boundaries were updated in Adams, Attala, Chickasaw, Harrison, and Webster counties.
- Municipal city boundaries were updated in Hancock, Jackson, Lafayette, and Tate counties.
- Road geometry, POIs, and signs were updated inside Tunica Municipal Airport in Tunica County and Golden Triangle Regional Airport in Lowndes County.

### **Missouri:**

- A 1.6 mile stretch of westbound I-70, a road level 1, was temporarily adjusted in St Charles and St Louis counties, during a construction project for the Blanchette Bridge.
- Added a new 8-mile stretch of US-63 in Adair County. This update also included the downgrade of the old stretch of US-63, now renamed US-63-BR, from a road level 2 to a road level 3 and a road level 4.
- Added new ramp geometry and signs at the four following interchanges along US-71 in Vernon County: MO-D, MO-DD, MO-E, and MO-M.
- Added new ramp geometry and signs at the interchange of I-70 and I-435, both road level 1, in Jackson County.
- Added new ramp geometry and signs at the interchange of MO-141 and Ladue Rd in St Louis County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Adair, Christian, Cooper, Crawford, McDonald, Osage, Pemiscot, Perry, Pulaski, and Webster counties.
- Additional street names and addresses were added in Bates, Saline, Warren and Worth counties.
- Additional street names and addresses were added in Cole, Livingston, and Stone counties.
- Additional street names and addresses were added in Vernon County.
- Based on Field Verification, N 9th St and Howard St no longer cross over I-70 in St Louis. Since N 9th St was a road level 4 path between Mound St and Cass Ave that no longer exists, a new road level 4 path was created on Brooklyn St to N 10th St on the northeast side of I-70.
- Based on Field Verification, S Little Blue Pky in Independence was extended from E R D Mize Rd to E Bundschu Rd. This new stretch was added as a road level 4. Where S Little Blue Pky ends at E Bundschu Rd, the road level 4 path follows E Bundschu Rd west to N Jones Rd.
- Expanded a 22.2-mile stretch of US-67, a road level 2, to a multi-lane road in Wayne County.
- Expanded a 4.4-mile stretch of US-54, a road level 2, to a multi-lane road in Camden County.
- Expanded a 4.5-mile stretch of MO-150 to a multi-lane road in Jackson County.
- Expanded a 5.4-mile stretch of US-65, a road level 2, to a multi-lane road in Benton County.
- Extensive update of geometry and attributes in downtown Kansas City and downtown St Louis was completed.
- Many rivers and lakes were added to in Missouri.
- Modified ramp geometry and signs and added new roundabouts at the interchange of I-44, a road level 1, and I-44-BR, a road level 2, in Phelps County.
- Modified ramp geometry and signs at the interchange of I-435 and Front St in Jackson County (new diverging diamond interchange configuration).
- Modified ramp geometry and signs at the interchange of MO-9 and Briarcliff Pky in Clay County.

- Modified ramp geometry and signs at the interchange of US-65 and US-65-BR/Branson Landing Blvd in Taney County (new diverging diamond interchange configuration).
- Municipal city boundaries were updated in Adair, Bollinger, Carter, Gasconade, Nodaway, St Charles, and Warren counties.
- Municipal city boundaries were updated in Pulaski, Taney and Camden counties.
- Ramp geometry and lane count/markings information were modified for some of the off-ramps at the interchange of I-70 and I-270, both road level 1, in St Louis County.
- Removed ramp geometry and signs at the interchange of I-70 and 10th St in St Louis City (ramp is now permanently closed).
- Supplemental Geometry was added in Missouri.
- The section of MO-94 between Pitman Hill Rd and Woodstone Dr in St Peters that had been closed due to construction was reopened in the database. Construction is actually scheduled to complete late summer 2012 and will be driven once it opens to public to capture any changes in geometry, attributes and/or signs.
- The speed limit, lane information, geometry and other attributes were updated along the new section of US-54 between Passover Rd in Camden County and Wood River Rd in Miller County. The area will continue to be monitored by local Field Staff and updated as work completes.
- The town of St George in St Louis County has voted to disincorporate and become part of the county. As a result, the polygon for St George was removed from the database.
- Walkways were included for scope areas in St Louis City and St Louis County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Montana:**

- Added new interchange off of I-15 at Custer Ave in Helena. Several roads around the new Custer interchange at I-15 were upgraded to road level 4. N Montana Ave was upgraded to road level 4. Both York Rd and Custer Ave have been upgraded to road level 4 in Helena.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in 35 counties in Montana.
- Additional street names and addresses were added in Jefferson and Phillips counties.
- Many rivers and lakes were added in Montana.
- Modified the city boundary polygons for the city of Butte.

### **Nebraska:**

- Added a new roundabout at the intersection of US-6/O St and NE-103 in Seward County.
- Added a new roundabout at the intersection of US-75 and US-77 in Thurston County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Blaine, Loup, and Thomas counties.

- Additional street names and addresses were added in Boyd, Butler, Clay, Cuming, Fillmore, Frontier, Garfield, Greeley, Holt, Jefferson, Johnson, Knox, Perkins, Sheridan, Sherman, Thayer, Valley and Wheeler counties.
- Additional street names and addresses were added in Dixon, Red Willow, and Seward counties.
- Road level 3 and road level 4 roads were driven and coded to include updates for navigation in 25 counties in Nebraska.
- Many rivers and lakes were added in Nebraska.
- Municipal city boundaries were updated in Box Butte, Butler, Custer, Fillmore, and Nemaha counties.
- Municipal city boundaries were updated in Sarpy County.
- The Grundman Airport in Otoe County has closed. A new airport, Nebraska City Municipal Airport, has opened up about 2.5 miles south of the former Grundman Airport.
- Updated alignment of a 1-mile stretch of NE-56D-Link in Lincoln County.
- Upgraded a 6.1-mile stretch of Lost Creek Pky and E 6th Ave from a road level 3 up to a road level 2 in Platte County.

### **Nevada:**

- A new ramp was added connecting W Tropicana Avenue to southbound I-15 in Clark County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Carson City, Douglas, Eureka, and Lincoln counties.
- Additional street names and addresses were added in Mineral County.
- Additional street names and addresses were added in Nye County
- Road level 2 I-580/US-395 was added for 8.5 miles from NV-429 (Exit 50) to NV-431 (Exit 56); while downgrading Old US-395 from road level 2 to road level 4 in Washoe County
- Lamoille was changed from a Hamlet to a Named Place POI
- Many rivers and lakes were added in Nevada.
- McCarran Int'l Airport was updated for attributes, geometry, POIs & signs resulting from the new Terminal 3 in Las Vegas
- New ramps were added connecting CR-215 and 5th Street in Clark County.
- Postal Code 89828 was added to Elko County
- The entrance to the ramp connecting northbound I-15 to W Tropicana Avenue in Clark County was adjusted to the south and a connector was added from the ramp back to northbound I-15.
- The name of the Las Vegas Hilton in Clark County was changed to Las Vegas Hotel for all POI and polygons.

### **New Hampshire:**

- A new direct connection was added from the Everett Turnpike leading to the Manchester-Boston Regional Airport in Hillsborough County. The recently completed project includes new Exit 13 ramps from both directions off the Everett Turnpike and a

new road level 4 multi-lane road named Raymond Wieczorek Drive which connects to US-3 and the existing Commerce Avenue on the south side of the airport. New roundabouts were also added on the path leading to the airport and all names and signs were updated accordingly. New road level 5 road Executive Drive was also added which runs parallel to Commerce Avenue.

- Additional shopping center polygons were added all across the state.
- I-93 Southbound centerline geometry was shifted (approximately 20 to 80 Yards) onto a new roadbed near Exits 3 and 5 in Rockingham County. The exit ramps were adjusted to accommodate the widening. This is part of the first phase of an I-93 reconstruction project in the area and is being closely monitored for ongoing changes.
- In Rochester, an approximate one and a half mile section of RT-16/Spaulding Turnpike between Exits 12 and 13 was changed from a single lane to a multi-lane road.
- The road geometry at the entrance of Dartmouth-Hitchcock Medical Center was updated for more accurate representation in Lebanon.

### **New Jersey:**

- 21 passenger only ferry routes were added between New York and New Jersey. 20 of those routes are part of the NY Waterway and the other route is the Liberty Landing Ferry.
- A jug-handle style intersection was removed from the crossing of RT-35 and RT-36 in Monmouth County. A left turn is now allowed directly from RT-35 South to RT-36 East.
- A new bridge was erected along the Garden State Parkway where it crosses over the Mullica River causing the change in centerline geometry near the Burlington/Atlantic County line.
- A new Cell Phone Waiting Lot POI was added off of Amelia Earhart Blvd at the Atlantic City Int'l Airport in Atlantic County.
- A new POI for Terminal B Departures was added at Newark Liberty Int'l Airport. The second level had been under construction and is now re-opened. Rental Car Agency POIs were also updated at the airport.
- A new ramp was added from RT-3 East to Rutherford Ave in Bergen County. In addition, ramp geometry was adjusted at the interchange of RT-3 and RT-21 just across the Passaic River in Passaic County.
- A new road named Robert E Kelly Blvd was added crossing over RT-42, south of exit 7B, in Gloucester Twp (Camden Co). The new overpass connects Cooper Rd and Commencement Rd.
- A new subdivision was added in Hainesport (Burlington County).
- A section of William Barnes Rd that no longer exists in Hunterdon County was removed.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Atlantic County.
- Additional street names and addresses were added in Essex and Somerset counties.
- County naming and route types were updated in New Jersey to allow for more consistency across the state.



- Direction of Travel was updated on several roads around the Revel Casino including Connecticut Ave, Mediterranean Ave, Melrose Ave, Absecon Ave and Massachusetts Ave in Atlantic City.
- Great Falls Park in Passaic County was designated a national park and is now named Great Falls National Park. The park polygon representation was also updated and enlarged. The three smaller parks located within Great Falls National Park were made children POIs to the national park and all were given National Importance attribution.
- Intersection of New Freedom Rd, Church Rd and Wilkins Station Rd was reconfigured, in Burlington County.
- Milford Rd was moved from its previous connection at the intersection of RT-33 and RT-133 to where it currently connects to RT-33, a quarter of a mile west in East Windsor Twp (Mercer Co).
- Moved the Avis, Enterprise, Hertz, and Budget rental car POIs to their new location within the Atlantic City International Airport in Atlantic County.
- New bridge construction on US-46 in Morris County over the Rockaway River is now complete. Road geometry and other map attributes were updated accordingly.
- New subdivisions were added in Burlington County.
- New through lanes for Delilah Rd were constructed through the traffic circle at Delilah Rd, Amelia Earhart Blvd, and Tilton Rd in Egg Harbor Township (Atlantic Co).
- New updates were made to the ongoing construction on US 1-9 Truck path in Jersey City (Hudson County). The northbound bypass was added so that instead of traveling along the old road level 2 surface streets, a driver will take the new ramp connections (southbound connections were added in Q3 2011). A new ramp was also added for local access to the surface intersection with Tonnele Circle. Street names and Highway signs were updated on the new northbound section. The entire project is still under construction including Tonnele Circle and is being closely monitored for future changes.
- Postal Code 07806 and Named Place POI for postal name Picatinny Arsenal was added in Morris County.
- Reconfigured the Exit 3 ramp interchange at New Jersey Tpke and US-322 to include new turn lanes and realignment in Gloucester County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Mercer County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Hudson County.
- RT-35 was updated from a single lane to a multi-lane road over the Manasquan River from CR-635 to Higgins Avenue in Monmouth and Ocean counties.
- Stainton Memorial Cswy/RT-52 was reconfigured between Somers Point and Ocean City in Cape May County.
- Supplemental Geometry was added in New Jersey.
- The intersection of Main St, Center St, and Breakneck Rd was reconfigured in Mantua Twp (Gloucester Co). Barnesboro Rd no longer connects at the intersection.
- The intersection of RT-35 and RT-36 in Monmouth County is now complete and was updated with a new road level 3 connection from RT-36 East to RT-35 North.

- The lane count, speed limit and overall shape of a 17 mile stretch of the Garden State Parkway between Exits 63 and 80 was updated for more accurate placement and attribution in Ocean County.
- The locations of the Main and ER Entrance POIs for Kennedy University Hospital in Gloucester County were updated to reflect their new locations.
- The road geometry in and around University Medical Center of Princeton at Plainsboro was updated and the main hospital and ER POIs were moved to more accurate locations.
- US-1-Alt name was changed to US-1-BR and route was adjusted around Brunswick Circle and down Martin Luther King Jr Blvd. Road level was adjusted to reflect the new routing.
- US-322 was extended in Gloucester County.
- Walkways were included for scope areas in Bergen, Hudson, and Monmouth counties. Additional navigable geometry was added when required for connectivity of the walkways.

### **New Mexico:**

- San Juan County was completed with fully navigable coverage.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in De Baca and Taos counties.
- Additional street names and addresses were added in Los Alamos and Roosevelt counties.
- Additional street names and addresses were added in Taos County.
- Eddy County: US-62/US-180 was upgraded to a multi-lane representation throughout the county.
- Eubank Blvd NE between Paseo del Norte NE and San Antonio Dr NE was upgraded to a multi-lane representation in Albuquerque.
- In Albuquerque, a number of road level changes have taken place to improve routing in areas of the city. They are as follows:
  - McMahan Blvd NW was upgraded to road level 4 between Unser Blvd NW and Universe Blvd NW.
  - Rainbow Blvd NW was upgraded to road level 4 between Paseo del Norte NW and Universe Blvd NW.
  - Universe Blvd NW was upgraded to road level 4 between McMahan Blvd NW and Irving Blvd NW.
  - Unser Blvd NW was upgraded to road level 4 between Paseo del Norte NW and Rainbow Blvd NW.
- In Dona Anan County, a number of road level changes have taken place to improve routing in areas of the county. They are as follows:
  - Alameda Blvd in Las Cruces was upgraded to road level 4 between NM-478 and Three Crosses Ave.
  - Calle del Norte in Mesilla was upgraded to road level 4 between NM-28 and Snow Rd.
  - Dona Ana Rd in Las Cruces was upgraded to road level 4 between Three Crosses Ave and NM-157.

- E Lohman Ave in Las Cruces was upgraded to road level 4 between Roadrunner Pky and Sonoma Ranch Blvd.
- El Paseo Rd in Las Cruces was upgraded to road level 4 between NM-478 and E University Ave.
- Hoagland Rd in Las Cruces was upgraded to road level 4 between N Valley Dr and N Alameda Blvd.
- McNutt Rd was upgraded to road level 4 between NM-28 and Alvarez Rd.
- Sonoma Ranch Blvd in Las Cruces was upgraded to road level 4 between E Lohman Ave and US-70.
- Sunland Park Dr was upgraded to road level 4 between NM-273 and Doniphan Dr in El Paso County, TX.
- Three Crosses Ave in Las Cruces was upgraded to road level 4 between US-70 and Dona Ana Rd.
- W Berino Rd was upgraded to road level 4 between NM-28 and NM-478.
- W Ohara Rd was upgraded to road level 4 between NM-28 and NM-478.
- W Snow Rd was upgraded to road level 4 between NM-28 and Calle del Norte in Mesilla.
- W Taylor Rd was upgraded to road level 4 between Dona Ana Rd and N Valley Dr.
- W Union Ave in Mesilla was upgraded to road level 4 between NM-28 and Snow Rd.
- In Rio Rancho, a new hospital has opened. The main and emergency entrances and associated geometry at UNM Sandoval Regional Medical Center were Field Verified.
- Municipal city boundaries were updated in Curry and Sandoval counties.
- Municipal city boundaries were updated in De Baca and Santa Fe counties.
- Walkways were included for parks in Santa Fe County. Additional navigable geometry was added when required for connectivity of the walkways.

### **New York:**

- Lewis County was completed with fully navigable coverage.
- 21 passenger only ferry routes were added between New York and New Jersey. 20 of those routes are part of the NY Waterway and the other route is the Liberty Landing Ferry.
- A new Animal Park POI and polygon named Target Rock was added in Suffolk County with a sub-category of Wildlife Refuge.
- A new exit (Exit 98) was added to eliminate the surface intersection with CR-85. As a result, Liberty Highway and CR-85 were updated for road level 4 connectivity with the new Exit 98 ramps and a 1.5 mile section of the old RT-17 path (now officially named Old RT-17) was downgraded to road level 5 and is now bidirectional.
- A new ramp was opened for Exit 106 eastbound on RT-17 in Sullivan County. Road geometry and signs were added accordingly. The intersection of RT-173 and CR-173A/Cimarron Road has also been adjusted near this interchange.
- A new road to access the Duty Free Store was added near the roadway leading over the Peace Bridge between US and Canada in Erie County. A pedestrian walkway has also been added along the south side of the bridge.

- A new roundabout was added at the intersection of Genesee St, State St, Park Ave and Oneida St in Oneida County.
- A new roundabout was added at the intersection of RT-29 and RT-30 in Fulton County.
- A new roundabout was added at the intersection of RT-7/Curry Road and RT-146 in Schenectady County.
- A new United States Courthouse POI was added in Buffalo.
- A one block section of Hudson St between Reade St and Chambers St was converted to a pedestrian walkway in New York City. As a result, Hudson St from Chambers St to Worth St was downgraded from road level 3 to road level 5 and Worth St from Hudson St to Church St was upgraded from road level 5 to road level 3.
- A section of CR-53/Old School Road was permanently closed to autos in Albany County. As a result, the entire path of CR-53/Old School Road between CR-44/Creble Road and CR-54/S Albany Road was downgraded from road level 4 to road level 5.
- A section of Orange Street and Van Tromp Street was upgraded from road level 5 to road level 4 and a section of Columbia Street was downgraded from road level 4 to road level 5 in Albany County to improve routing near Water Street and I-787.
- A section of Rockaway Freeway from Beach 73rd St to Beach 67th St was permanently closed in Queens County and removed from the database. As a result, Rockaway Freeway from Beach 67th St to Beach 56th PI was downgraded to road level 5 and a parallel section of Rockaway Beach Blvd was upgraded to road level 3 from Beach 73rd St to Beach 56th PI where it connects back with Rockaway Freeway.
- A two mile section of road level 3 roads RT-85 and RT-140 was updated from a single lane to a multi-lane road in Albany County.
- Additional shopping center polygons were added all across the state.
- Airport POI and polygon for Malone-Dufort Airport was added in Franklin County.
- An eight mile section of Bay Rd/CR-7 between RT-9L and Quaker Rd was upgraded from road level 5 to road level 4 in Warren County.
- At Buffalo General Hospital in Erie, new main and emergency room entrances were updated through Field Verification.
- County naming and route types were updated in New York to allow for more consistency across the state.
- Extensive update of geometry and attributes in downtown New York City was completed (Bronx and Kings Counties areas).
- Extensive update of geometry and attributes in downtown Queens was completed.
- In Candor, Mill St was temporarily upgraded to road level 3 between Owego Rd and Spencer Rd to maintain road level connectivity as a result of the closure of Main St between Academy St and Delray Ave.
- In Suffolk County, new road level 4 roundabouts were added at the intersection of Quogue Riverhead Rd/Old Riverhead Rd in Southampton; and at the intersection of Whiskey Rd/Miller Place Yaphank Rd in Brookhaven.
- Montauk Point Lighthouse in Suffolk County was given National Historic Landmark status and as a result the Historic Monument POI was given National Importance recognition in the map database. A Tourist Attraction POI was also added.
- Municipal city boundaries were updated in Delaware County.

- Municipal city boundaries were updated in Monroe and Oswego counties.
- New entrance and exit ramps were opened at Exit 106 on the eastbound side of RT-17 in Sullivan County.
- New exit ramps for Exits 14 and 15 and one new entrance ramp were added on Staten Island Expy/I-278 in Staten Island near Hylan Blvd.
- New postal code for 11249 (postal name Brooklyn) was added in the Williamsburg area of Brooklyn.
- New roads were added around Sisters of Charity Hospital - St Joseph in Cheektowaga. ER & main entrances have also been moved.
- Postal code 10933 (Johnson) was added in Orange County.
- Preferred Route coding was added to Round Lake Bypass in Saratoga County which connects I-87 to US-9. This will emphasize the preferred path for trucks in the area.
- Ramps exiting and entering the Northern State Parkway at Exit 40 were adjusted due to ongoing construction in this area of Suffolk County.
- RT-28A in Ulster County was shifted to align with newly completed construction from Monument Road to RT-213. In addition, the intersection of RT-28A and Monument Road was changed to a "T" intersection.
- RT-314/Commodore Thomas McDonough Hwy was upgraded from road level 5 to road level 4 from US-9 to the Grand Island Ferry Crossing in Clinton County. This route continues into Vermont connecting to VT-314/W Shore Rd in the Town of Grand Isle.
- Speed Limits were adjusted to reflect reality and new signs were added leading to US Customs plaza on the Peace Bridge between US and Canada in Erie County.
- Supplemental Geometry was added in New York.
- The Crown Point Bridge connecting Essex County New York and Addison County Vermont was reopened. Construction Closed status was removed from this road level 3 path and the temporary ferry route was removed from the map database.
- The entrance roads for Albany Medical Center in Albany County were updated for direction of travel attribution.
- The intersection of Big Tree Rd and US-62 in the Town of Hamburg was updated with a new road level 4 roundabout. The new geometry and any new attributes and conditions were Field Verified.
- The intersection of Campus Blvd and Lee Rd in the Town of Amherst was updated with a new road level 4 roundabout. The new geometry and any new attributes and conditions were Field Verified.
- The postal name for postal code 11976 was updated from Watermill to Water Mill.
- The ramp geometry from the Willis Avenue Bridge to the Major Deegan Expressway was adjusted for more accurate representation in Bronx County. Construction is ongoing and being monitored for future updates.
- Tri-County Memorial Hospital has closed in Cattaraugus County.
- Walkways were included for scope areas in Erie and Niagara counties. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Nassau and Westchester counties. Additional navigable geometry was added when required for connectivity of the walkways.

- Walkways were included for scope areas in the Bronx and Queens sections of New York City. Additional navigable geometry was added when required for connectivity of the walkways.

### **North Carolina:**

- Davie County was completed with fully navigable coverage.
- Lee County was completed with fully navigable coverage.
- Pender County was completed with fully navigable coverage.
- Robeson County was completed with fully navigable coverage.
- A new bridge was built over Andrew Jackson Hwy/US-74 on Old Kingsdale Rd between Exit 213 and N Broadridge Rd in Robeson County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Alamance, Anson, Buncombe, Davidson, Edgecombe, Hoke, Lincoln, Orange, Perquimans, Rowan, and Scotland counties.
- Additional street names and addresses were added in Clay, Columbus, Graham, and Greene counties.
- Additional street names and addresses were added in Hyde County.
- Additional street names and addresses were added in Person and Union counties.
- County naming and route types were updated in North Carolina to allow for more consistency across the state.
- Exit 83 on I-85 was removed in Davidson County. All signs, geometry, and attributes were updated accordingly.
- Exit 84 on I-85 was added in Davidson County. All signs, geometry, and attributes were updated accordingly.
- Exit 86 on I-85 was updated with a new ramp configuration in Davidson County.
- Extensive update of geometry and attributes in downtown Charlotte was completed.
- Extensive update of geometry and attributes in downtown Raleigh was completed.
- Holly Point Dr was upgraded from a road level 5 to a road level 4 between NC-73 and NC-21 in Mecklenburg County.
- I-240 was upgraded from road level 2 to road level 1 between US-19/US-23/US-70 and I-40 in Buncombe County.
- In Rowan and Davidson counties, the north bound bridge of I-85 N over the Yadkin River was replaced with the newly constructed Veterans Memorial Bridge. The north bound lanes of I-85 N were also realigned to connect to the new bridge from Long Ferry Road to NC-150.
- Many rivers and lakes were added in North Carolina.
- Municipal city boundaries were updated in Ashe, Buncombe, and Sampson counties.
- Municipal city boundaries were updated in Cabarrus County.
- Municipal city boundaries were updated in Cabarrus, Craven, Duplin, Hoke, New Hanover, Onslow, Pitt, Watauga, and Wayne counties.
- Municipal city boundaries were updated in Chowan County.
- NC-44 was added between I-795 and Wayne Memorial Dr in Wayne County.
- NC-73 was upgraded from a single lane to a multi-lane road between US-21 and NC-115 in Mecklenburg County.

- NC-150 was downgraded from a road level 4 to a road level 5 road between Salisbury Rd and Long Ferry Rd in Davidson and Rowan counties.
- NC-540-Toll was extended 6.5 miles from its former terminus at NC-55 to US-64 in Wake County.
- New Falls of Neuse Rd was upgraded from road level 5 to road level 4 between Wakefield Pines Dr and Falls of Neuse Rd in Nash County.
- Pinecrest Rd was upgraded from road level 5 to road level 4 between US-70 and Fairbanks Rd in Wake County.
- Postal code 28646 was added in Avery County.
- RBC Center was changed to PNC Arena in Wake County. Road names inside the polygon were updated as well.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Durham County.
- Stafford Village Blvd was upgraded from road level 5 to road level 4 between NC-150 and W Clemmons Rd in Forsyth County.
- Supplemental Geometry was added in North Carolina.
- The first phase of the Triangle Expressway/NC-147-Toll was added from the interchange with I-40 in Durham County to the NC-540 interchange in Wake County. This 4 mile stretch includes 2 new interchanges.
- The geometry of Belmont road was updated to reflect its new path between Clyde Fitzgerald Dr and I-85 in Davidson County.
- The interchange between I-85 and US-29 (Exit 82) was removed in Davidson County.
- The interchange between I-85-BR and US-64 was reconfigured in Davidson County. All signs, geometry, and attributes were updated accordingly.
- The name of the main road through Piedmont Triad International Airport was changed from S Triad Blvd to Ted Johnson Pky in Guilford County.
- The name of the main road through Raleigh/Durham International Airport in Wake County was changed from Terminal Blvd to John Brantley Blvd.
- The on-ramp from Belmont Rd to I-85 northbound was opened in Davidson County.
- The Wachovia Landmark Polygons and POIs were changed to Wells Fargo in Guilford, Forsyth, and Wake counties.
- Thomas A Betts Pky was added between NC-43 and US-301 in Nash County.
- W Rowan St was upgraded from road level 5 to road level 4 between Bragg Blvd and Hillsboro St in Cumberland County.
- Wakefield Pines Dr was downgraded from road level 4 to road level 5 between New Falls of Neuse Rd and Falls of Neuse Rd in Nash County.
- Wakemed Brier Creek Healthplex hospital was added in Wake County.
- Wayne Memorial Dr was upgraded from road level 5 to road level 4 between Saulston Rd and 11th St in Wayne County.

### **North Dakota:**

- Additional named Supplemental Geometry roads were added in North Dakota.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Benson, Bowman, Eddy, Nelson, Oliver, Pembina, Richland, Slope and Towner counties.

- Additional street names and addresses were added in Billings, Cavalier, Dunn, and Stark counties.
- Additional street names and addresses were added in Ramsey and Rolette counties.
- Additional street names and addresses were added in Stutsman County.
- Airport POI, airport polygon, road geometry, and signs were updated inside Dickinson-Theodore Roosevelt Regional Airport in Stark County.
- Many rivers and lakes were added in North Dakota.
- Municipal city boundaries were updated in Ward County.
- The city polygon of Williston was expanded in Williams County.
- The following postal codes were updated in Cass County: 58104, 58042, 58047, 58038, 58007 and 58021.
- Updated road geometry, POI, and signs at Grand Forks Int'l Airport in Grand Forks County.

### **Ohio:**

- 3 new subdivisions were added in Delaware, 1 in Clark and 1 in Union counties.
- A .6 mile stretch of Westerville Road/OH-3 at I-270 Ramp was upgraded from a single lane to a multi-lane road.
- A new bridge on Fairchild Ave has opened in Portage County. Old bridge at Crain Ave was removed.
- A new cloverleaf ramp was added in Butler County from OH-122 to I-75 northbound. Construction continues around this interchange. Additional changes will be monitored and added to the database as they complete.
- A new emergency room entrance for the Cleveland Clinic was Field Verified.
- A new hospital, Westerville Medical Campus, was added in Delaware County.
- A new road level 5, Tech Center Dr, connecting Hamilton Rd and Morrison Rd over I-270 in Gahanna was added to the database through Field Verification.
- A new roundabout was added at Home Rd and Concord Rd in Delaware County.
- A new stretch of US-24 has opened between Maumee and Napoleon in Lucas and Henry counties. There are 3 new interchanges on this new stretch at OH-64, OH-295 and OH-109. The old path of US-24 that followed along the banks of the Maumee River was downgraded to road level 4.
- A new, road level 3 bypass around Wilmington was Field Verified for geometry, attributes, conditions and signage. This is the new path for OH-73. The OH-73 path from Mitchell Rd through Wilmington to the bypass on the eastside of town was removed. In addition, the old path of OH-73 was downgraded to road level 4 from Mitchell Rd to US-68. As part of the new bypass, there are 2 new interchanges; one at US-68 and one at US-22 both are road level 3.
- A polygon and POI for Antioch College in Yellow Springs has returned to the database with the reopening of the college after a 3 year closure.
- Added new Hospital, UH Ahuja Medical Center, Beachwood Ohio.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Adams, Franklin and Morgan counties.
- Additional street names and addresses were added in Athens County.



- Additional street names and addresses were added in Gallia, Perry, Union and Wyandot counties.
- As a result of changes to the intersection at Cleveland Rd and E Main St, Townsend Ave in Norwalk was downgraded to road level 5 between Cleveland Rd and E Main St. Saint Mary's St and Vandercook St have also been downgraded between E Main St and Schauss Ave. Schauss Ave between E Main St and St Mary's St has also been upgraded to road level 4.
- Box Rd was cut off just east of Hartman Rd and was downgraded to road level 5 between OH-295 and Jeffers Rd.
- Bridge along US-62 and OH-3 South is now open in downtown Columbus.
- Changes were made to geometry due to expansion of 3 hospitals: Fisher-Titus Medical Center in Norwalk OH, Mercy Tiffin Hospital in Seneca County and Wyandot Memorial Hospital in Wyandot County.
- Extensive update of geometry and attributes in downtown Cleveland was completed.
- Fitch Rd was realigned at intersection with Bagley Rd and now crosses over railroad line to the north in Cuyahoga County.
- From Chillicothe to the Ohio/West Virginia state line, US-35 was upgraded to a road level 2.
- Heller Rd was cut off between Box Rd and Bailey Rd and downgraded to road level 5 between Box Rd and Neowash Rd.
- Hertzfeld Rd was cut off going north from Vollmer Rd. Bailey Rd was redesigned and now swoops around to connect to the section of Hertzfeld Rd that will be on the north side of the new US-24. Hertzfeld Rd has all been downgraded from what will be the old US-24 path north to Waterville Neapolis Rd.
- In Cambridge, numerous changes to the direction of travel was Field Verified on all roads north of Wheeling Ave to Sherman Ave and from N 5th St east to Highland Ave.
- In Cuyahoga County, the southbound side of I-77 was updated from Exit 153 south to Mile Marker 149 with an additional lane of traffic. There are now 3 lanes of traffic through this stretch that was Field Verified for lane configuration and geometry accuracy.
- In Delaware County, one subdivision was updated with new geometry.
- In Franklin County, eight subdivisions were updated with new geometry.
- In Lucas County, several roads were cut off and are now dead end roads along the new US-24 (still closed and under construction). The following roads and their related changes are listed below:
- In Morgan County, the intersection of OH-37 and OH-78 was Field Verified for updated geometry.
- In Toledo, Exit 19 on I-475 was updated with new ramp geometry to and from Promedica Pky. The interchange remains under construction with a few ramp closures still in place that will be monitored by local Field Staff.
- In Toledo, Exit 19 on I-475 is slated to completely open within the next 6 months. As a result, all remaining construction closures were removed from the database at this interchange. Once the interchange is open to the public, the local Field Staff will drive and adjust any geometry, attributes and conditions as necessary.

- In Zanesville, the ramp from US-60 to westbound I-70 no longer exists and was removed from the database. As a result, Elm St between Underwood St and the ramp to westbound I-70 from N 6th St was upgraded to road level 3 to maintain road level 3 connectivity in the area.
- Keny Blvd was extended from Dorset Dr to OH-38 in Madison County.
- Many rivers and lakes were added in Ohio.
- Moved main and emergency room entrances to new locations for Hillcrest Hospital in Mayfield Heights and UH-Case Medical Center Cleveland.
- Municipal city boundaries were updated in Delaware, Licking and Union counties.
- New subdivisions were added in Union, Franklin, Delaware, Miami and Hamilton counties.
- OH-18 was realigned at the intersection with CR-46/Liberty Hi Rd in Wood County.
- Postal code 45228 was eliminated by USPS. The road names and addresses from this postal code were absorbed by postal code 45230.
- Postal code 45423 for Dayton was added in Montgomery County.
- Ramps at interchange of I-71 and OH-665 in Franklin County were reconfigured. More changes will occur in future releases.
- Roberts Rd in Hilliard was realigned at Alton Darby Creek Rd. The offset paths of Roberts Rd now connect at the same location on Alton Darby Creek Rd.
- Several road level 5 roads have also been cut off along the new US-24.
- Supplemental Geometry was added in Ohio.
- The Exit 29 interchange on I-75 at Hamilton Lebanon Rd in Monroe was Field Verified for new geometry, attributes and signage. In addition, Hamilton Lebanon Rd was updated to a multi-lane path from I-75 east to Gateway Blvd.
- The intersection of Main St and Scioto Darby Creek Rd in Hilliard was updated with a new road level 4 roundabout. As a result, Scioto Darby Creek Rd between Main St and Cemetery Rd was upgraded to road level 4.
- The intersection of US-40 and US-22 at S 12th St in Cambridge was redesigned and through Field Verification was updated with new geometry.
- The intersection of W Main St and Riverside Dr in McConnelsville was updated. Field Verification confirmed that a turn lane no longer existed at the intersection and was removed.
- The lane configuration and geometry accuracy were Field Verified and updated on OH-2 in Lake County from the OH-640 interchange east to the OH-615 interchange. There are now 3 lanes of traffic in each direction through this stretch.
- The lane configuration and geometry accuracy were Field Verified and updated on S Arlington Rd in Green from the OH-619 intersection south to the September Dr.
- The main and emergency room entrances for Children's Hospital were updated in Franklin County.
- The OSU Medical Center was renamed Ohio State University Wexner Medical Center in honor of Les Wexner.
- The path of OH-4-BYP in Butler County was converted to a multi-lane path from Port Union Rd north to OH-129. Within this stretch of new multi-lane roadway, the intersections of Hamilton Mason Rd, Tylersville Rd and Symmes Rd were redesigned so that it is no longer possible to drive straight across the intersection or make left

turns onto OH-4\_BYPASS. Traffic wishing to cross or make left turns onto OH-4-BYP now must turn right and make use of new U-turn lanes at each of the previously mentioned intersections. Construction continues north and south of this area that will be monitored and updated upon completion.

- The ramps at the interchange of I-71 and OH-665, in Franklin County, were reconfigured and the section of OH-665 along the interchange was upgraded to a multi-lane road.
- The Springfield Medical Regional Center has opened a new facility on W North St. The main and emergency entrances for the hospital were Field Verified along with geometry and attributes of roads in the area.
- The three lane section of I-80 in Summit County was extended 2.63 miles from the Portage County line to OH-91.
- Underwood St in Zanesville was updated with multi-lane geometry between I-70 and OH-666 and divider coding between I-70 and E Market St.
- Walkways were included for scope areas in Hamilton County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Oklahoma:**

- Creek County was completed with fully navigable coverage.
- Osage County was completed with fully navigable coverage.
- Rogers County was completed with fully navigable coverage.
- A 1.6 mile stretch of I-44, road level 1, was repositioned in Tulsa County. This included geometric repositioning of the main lanes, as well as modification of related ramp geometry and frontage road geometry.
- Added new hospital POI in Tulsa County (St. John Broken Arrow Hospital).
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in 14 counties in Oklahoma.
- Additional street names and addresses were added in Beckham, Creek, and Rogers counties.
- Additional street names and addresses were added in Cleveland, Grady, Oklahoma, Osage, and Tulsa counties.
- Additional street names and addresses were added in Johnston, Kiowa, Latimer, Lincoln, and Love counties.
- Many rivers and lakes were added in Oklahoma.
- Municipal city boundaries were updated in Canadian and McClain counties.
- Road level 3 and road level 4 roads were driven and coded to include updates for navigation in 66 counties in Oklahoma.
- Updated hospital POIs in Johnston (Mercy Hospital) and Logan (Mercy Hospital Logan County) counties.

### **Oregon:**

- Added a new road and a roundabout on Veterans Dr from NE 28th Ave to NE 34th Ave in Hillsboro.
- Added one new subdivision at Indian Shores in Lincoln City.
- Added one new subdivision in Beaverton.

- Added leading zero in the addressing format for Johns Landing neighborhood, Portland.
- Added new roundabout on SW Scholls Ferry Rd at SW River Rd in Scholls.
- Added turn restrictions to prevent all left turns and several right turns on the newly divided portion of SE McLoughlin Blvd in Milwaukie.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Gilliam, Sherman, and Wheeler counties.
- Additional street names and addresses were added in Jefferson, Tillamook, Wallowa and Wasco counties.
- All postal codes in Tillamook County were updated.
- Benton County: Modified ramp complex at OR-34 and Peoria Rd to reflect changes to alignments and ongoing construction.
- Clackamas River Dr and Prairie Schooner Way in Oregon City were upgraded to road level 4 from OR-213 to Washington St after new turn restrictions on OR-213 disrupted road level connectivity with Washington St.
- Columbia County: Added name “Chief Ralph Painter Memorial Highway” to US-30 from Ranier to St Helens.
- Deschutes County: Added additional navigation attributes on US-97 from Cottonwood Rd to Crawford Rd. Modified US-97 South from Crawford Rd to Century Dr to reflect recent changes to road alignments.
- Deschutes County: Added construction underpass along Cottonwood Road from NF-9710-240 to Benham Falls Rd in Sun River. Added additional navigational attributes on Brosterhous Rd from SE Knott Road to Murphy Rd.
- Douglas County: Modified Exit 129 ramps from I-5 South to reflect changes in alignments in Roseburg.
- Downgraded College Way to a road level 5 after College Way was changed from bi-directional to one-way from University Ave to Pacific Ave. Upgraded Main St to a road level 4 from University Ave to Pacific Ave in Forest Grove.
- Entrance and exit ramps were modified on northbound I-5 at Exit 129 for OR-99 to reflect repositioning of the ramp approximately 0.6 kilometers north. New entrance and exit ramps were added, deleting the old ramps on northbound I-5 at Exit 129 for OR-99 to reflect repositioning of the ramp approximately 0.6 kilometers north of its previous location in Douglas County.
- Extensive update of geometry and attributes in downtown Portland was completed.
- Hood River County: Modified ramp complex at Exit 64 and I-5. Added additional navigation attributes on OR-35 in the vicinity of Dog River Trail Rd.
- Klamath County: Updated transport attributes and additional navigation attributes on OR-140 in the vicinity of Dean Indian Memorial Rd.
- Lane County: Added construction to Exit 192 from I-5 North in Eugene.
- Lincoln County: Modified US-20 to reflect recent changes to road alignments throughout the county.
- Many rivers and lakes were added in Oregon.
- NW Cornelius Schefflin Rd was realigned and updated after completion of new bridge from NW Verboot Rd to N Holladay St in Beaverton.

- SE 172nd Ave was upgraded to a multi-lane representation from Rockcreek Blvd to SE Sunnyside Rd. A new roundabout was added at the intersection of SE 172nd Ave and SE Big Timber Ct in Happy Valley in Clackamas County.
- Supplemental Geometry was added in Oregon.
- The Snake River and Columbia River were upgraded to polygonal feature representation. The Salmon/Little Salmon River, Imnaha River, Grande Ronde River and Pine Creek River were upgraded as polygonal water features which empty into the Snake River along the Oregon/Idaho state boundary.
- Updated geometry and attributes for OR-213 between S Alder Creek Ln and S Passmore Rd now that construction has completed in Clackamas County.
- Updated geometry and attributes for the roundabout on SW Scholls Ferry Rd at SW River Rd in Hillsboro County.
- Walkways were included for scope areas in Multnomah County. Additional navigable geometry was added when required for connectivity of the walkways.
- Washington County: Downgraded ramps along US-26 to Skyline Rd from road level 2 to road level 4 in Portland. Added new ramp from Walker Rd to US-26 in Beaverton. Added new signs from Exit 286 to Exit 288 along I-5.

### **Pennsylvania:**

- Juniata County was completed with fully navigable coverage.
- A new hospital, UPMC East was added in Allegheny Co.
- A new one mile section of US-209 has opened in Monroe County from Milford Rd to Seven Bridges Rd.
- A new ramp (2nd St Ramp) was added from W 3rd St to the Hamilton St Bridge in Bethlehem, (Northampton County).
- A new ramp was added from Kelly Dr to Ridge Ave in Philadelphia. Other ramps closed during construction are now reopened in this area.
- A new temporary entrance ramp was added from Girard Ave to I-95 N while Girard Ave Bridge is being replaced in Philadelphia.
- A ramp was removed from Princeton Ave to I-95 in Philadelphia.
- Added new interchange on US-15 at Steam Valley Rd in Lycoming County. Steam Valley Rd was extended for connectivity of the interchange.
- Added new northbound exit ramp and southbound on-ramp on I-79 at Exit 88 in Harmony Twp, Butler County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Armstrong and Cameron counties.
- Additional street names and addresses were added in Bucks and Wyoming counties.
- Additional street names and addresses were added in Huntington and Mifflin counties.
- Additional street names and addresses were added in McKean County.
- Additional street names and addresses were added in Montour County.
- Additional street names and addresses were added in Warren County.
- County naming and route types were updated in Pennsylvania to allow for more consistency across the state.

- ER & Main entrance POIs added to West Penn Hospital in Allegheny County, due to the ER reopening.
- Extensive update of geometry and attributes in downtown Philadelphia was completed.
- Extensive update of geometry and attributes in downtown Pittsburgh was completed.
- Geometry was adjusted for the ramps connecting US-322 and PA-291 (near PPL Park Soccer Stadium) in Chester (Delaware County).
- In Butler County, two subdivisions were updated with new geometry.
- In preparation for the demolition of Mellon Arena, the POI and building footprint were removed from the database.
- Milnor St is now connected to an on-ramp for I-95 northbound near Exit 30. Ramp from Princeton Ave to I-95, in same area, was reconfigured in Philadelphia.
- Name of US-1 Alt was changed to PA-32 between US-1 and Pennsylvania Ave in Bucks County.
- New ramps were added and other ramps were updated at interchange of PA-581 & US11/15 in Cumberland County.
- New roads were added and main and ER Entrances were relocated at Mount Nittany Medical Center in Centre County.
- New roads were added and main and ER Entrances were relocated at Williamsport Regional Medical Center in Lycoming County. Also the name was changed from Williamsport Hospital.
- New roads were added and the polygon shape changed around Dubois Regional Medical Center in Clearfield County.
- New roads were added around Uniontown Hospital in Fayette County.
- New subdivisions were added in Bucks County.
- New subdivisions were added in Cumberland County.
- Newtown Veterans Park was added in Bucks County.
- Oleckna St and Bellman St were upgraded to road level 4 in Lackawanna County to facilitate west bound traffic around a one-way section of Rebecca St.
- PA-43-Tpke/Mon-Fayette Expressway was extended about 6 miles from PA-88/Low Hill Rd in Washington County to US-40/Redstone Way in Fayette County. The Mon-Fayette Expressway now extends from PA-51 in Allegheny County to its terminus at I-68 in Monongalia County, WV.
- Postal code 16682 for Sproul was added in Blair County.
- Postal code 17217 for Concord was added in Franklin County.
- Reconfigured the intersection of Limekiln Pike/PA-152 and Lower State Rd in Montgomery County.
- Reconfigured the intersection of Pennsylvania Ave and Camp Hill Rd in Montgomery County.
- Reconfigured the intersection of Stoopsville Rd and Washington Crossing Rd/PA-532 in Bucks County.
- Road geometry for intersection at PA-52 and US-1 was updated and adjusted approximately ¼ mile to the east in Chester County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Bucks County.

- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Berks County.
- Supplemental Geometry was added in Pennsylvania.
- The intersection of Ewing Rd, Resurrection Rd and the on/off-ramps for southbound I-376-BL in Allegheny County was updated with a new road level 4 roundabout.
- The ramp on eastbound I-76 at Exit 327 was reconfigured in Montgomery County.
- The road network inside the Philadelphia Naval Yard was reconfigured. Construction is continuing and is being monitored for future changes.
- Walkways were included for scope areas in Allegheny County. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Delaware County. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Philadelphia. Additional navigable geometry was added when required for connectivity of the walkways.

### **Rhode Island:**

- Additional named Supplemental Geometry roads were added in Rhode Island.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Bristol and Kent counties.
- Additional street names and addresses were added in Newport County.
- Exit Numbers 1 through 6 were added to RI-10 in Providence.
- New ramp for Exit 1B was added from the main ramp after exiting from I-195 West leading toward I-95 South in Providence. The new ramp leads to Eddy Street.
- Walkways were included for scope areas in Providence. Additional navigable geometry was added when required for connectivity of the walkways.

### **South Carolina:**

- 1 new subdivision was added in Richland County.
- 2 new subdivisions were added in Spartanburg County.
- 5 new subdivisions were added in Lexington County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Horry County.
- Additional street names and addresses were added in Jasper County.
- Aviation Ave was upgraded from road level 5 to road level 4 between US-52 and I-26 in Charleston County.
- County naming and route types were updated in South Carolina to allow for more consistency across the state.
- Exits 211 and 212 on I-26 were reconfigured in Charleston County. All signs, geometry, and attributes were updated accordingly.
- Harrelson Blvd was extended from SC-15 to US-17-BR in Horry County.
- Many rivers and lakes were added in South Carolina.
- New geometry was added in the Myrtle Beach Airport in Horry County.
- Roper St Francis Mt Pleasant Hospital was added in Charleston County.
- The location of the Fort Sumter National Monument POIs were moved to 340 Concord St in Charleston to reflect the location of the new visitor's center and passenger ferry.

- The new interchange between US-17 and Bowman Rd was added in Charleston County.
- US-17 was upgraded from a single lane to a multi-lane road between Neiuport Plantation Rd and Wiggins Rd in Beaufort County.

### **South Dakota:**

- 1 residential subdivision was added/updated in Lincoln County.
- 1 residential subdivision was added/updated in Pennington County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Brown County.
- Additional street names and addresses were added in Hutchinson County.
- Geometry was modified at the intersection of US-14 and SD-34, both road level 2, in Stanley County.
- In Minnehaha County, E 26th St was Field Verified for geometry and attribute changes associated with converting E 26th St from a single lane to a multi-lane path between Powder House Rd and S Alpine Ave.
- In Sioux Falls, several geometry and road level changes have taken place. Changes are listed below:
  - E 69th St was extended from S Charger Cir to Southeastern Ave and upgraded to road level 4 between S Cliff Ave and Southeastern Ave.
  - S Southeastern Ave was updated to a multi-lane path between E 57th St and E 69th St and upgraded to road level 4.
  - A new road level 4 roundabout was added at the intersection of S Southeastern Ave and E 69th St.
- Many rivers and lakes were added in South Dakota.
- Municipal city boundaries were updated in Lincoln, Minnehaha and Union counties.
- Road geometry and signs were updated inside Rapid City Regional Airport in Pennington County.
- Road level 3 and road level 4 roads were driven and coded to include updates for navigation in 38 counties in South Dakota.
- The following postal codes were updated in Lincoln County: 57034, 57108, 57027, 57077, 57032, 57064, 57039 and 57013.
- Updated ramp geometry and signs at the interchange of I-90, a road level 1, and US-85, a road level 2, in Lawrence County.
- Updated road geometry, POI, and signs at Sioux Falls Regional Airport in Minnehaha County.

### **Tennessee:**

- A 15 mile section of TN-840 in Williamson County was added between TN-46 and US-31. This section of TN-840 is road level 1 and completes the 80 mile bypass of TN-840 around the southern half of Nashville. Two pre-existing sections of TN-840, between I-40 and TN-46 and between US-31 and I-65, were upgraded from road level 4 to road level 1.
- A linear river representation for the West Blackburn Fork River was added to the database from the Putnam/Jackson county line to the Roaring River.



- A new rental car facility at Nashville Int'l Airport was Field Verified for geometry, attributes, conditions, POIs and signage.
- A polygonal river representation for the Caney Fork River was added to the database from Hill Lake to the Cumberland River in Smith and DeKalb counties.
- A State Park POI and park polygon were added in Jackson County for Cummins Falls State Park.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Bledsoe, Cumberland, Giles, Hawkins, Henderson, Lincoln and Sequatchie counties.
- Additional street names and addresses were added in Cannon, Cheatham, Chester, Dyer, Lawrence and Lewis counties.
- Additional street names and addresses were added in Fayette and Haywood counties.
- Extensive update of geometry and attributes in downtown Memphis was completed.
- In Chattanooga, the ramps to and from Riverside Ave on US-27 were closed and removed from the database. In addition, just to the north, the ramp from Whitehall Rd to southbound US-27 was closed and removed from the database. Both sets of ramps were road level 5.
- In Lawrence County, a new multi-lane path for US-64 was Field Verified for new geometry, attributes, naming, conditions and addressing. This new section was built between Kelso Rd and Stribling Rd. The old path of US-64 was downgraded to road level 5 between Orton Rd and Gibbs Rd.
- In Wayne County, US-64 was Field Verified for geometry and attribute changes associated with converting US-64 from a single lane to a multi-lane path between Old Highway 64 and Barnett Branch Rd.
- Many rivers and lakes were added to in Tennessee.
- Municipal city boundaries were updated in Montgomery, Williamson and Sevier counties.
- Municipal city boundaries were updated in Sevier, Blount, White, Wilson and Van Buren counties.
- Pedestrian walkways were updated in Nashville.
- Ramp geometry and signs were modified at the interchange of I-55, EH Crump Blvd, and Riverside Blvd in Shelby County.
- Supplemental Geometry was added in Tennessee.
- The path of US-64 in the following locations was Field Verified for new geometry, attributes, conditions and addressing associated with changing US-64 from a single lane to a multi-lane path:
  - From the Hardin/Wayne County line east for 6 miles.
  - In Giles County, between Home Hill Rd and just west of Big Dry Creek Rd.
  - In McNairy County, between Star LN and Sandy Flat Rd.
- US-79 in Stewart County TN was updated from a single lane to a multi-lane road from the Montgomery/Stewart county line to east of Lorena Bagwell Dr.
- Walkways were included for scope areas in Davidson County. Additional navigable geometry was added when required for connectivity of the walkways.

**Texas:**

- 1 residential subdivision was added/updated in Bexar County.
- 5 postal codes were updated in Wichita County.
- 5 residential subdivisions were added/updated in Denton County.
- 7 postal codes were updated in Williamson County.
- 15 residential subdivisions were added/updated in Fort Bend County.
- A 1.8 mile stretch of FM-3009/Roy Richards Dr was expanded to a multi-lane road in Comal County.
- A 2.9 mile stretch of US-79 was expanded to a multi-lane road in Williamson County.
- A 5.6 mile stretch of TX-6, a road level 2, was upgraded to a multi-lane road in Robertson County.
- A 10.4 mile stretch of US-380, a road level 2, was expanded to a multi-lane in Wise County.
- A new 3.7 mile stretch of TX-49-Toll was added in Smith County.
- A new 5.3 mile stretch of TX-183A-Toll was added in Williamson County.
- Added a 1.4-mile stretch of President George Bush Hwy in Dallas County.
- Added new flyover ramp geometry and signs at the interchange of I-35, road level 1, and TX-6, a road level 2, in McLennan County.
- Added new flyover ramp geometry and signs at the interchange of I-10 to TX-99/Grand Parkway in Harris County.
- Added new ramp geometry and signs and modified already existing ramp geometry at the interchange of TX-114 and Ira E Woods Ave in Tarrant County.
- Added new ramp geometry and signs at the interchange of Dallas North Tollway and TX-121, both road level 2, in Collin County.
- Added new ramp geometry and signs at the interchange of I-35, road level 1, and US-290/TX-71, road level 2, in Travis County.
- Added new ramp geometry and signs at the interchange of TX-114 and TX-121, both road level 2, in Tarrant County.
- Added new ramp geometry and signs at the interchange of TX-121 and TX-97-SPUR in Tarrant County.
- Added new ramp geometry and signs at the interchange of TX-158 and TX-349 in Midland County.
- Added new ramp geometry and signs at the interchange of TX-1604-Loop and TX-151 in Bexar County.
- Added new ramp geometry and signs at the interchange of TX-306-Loop and FM-388 in Tom Green County.
- Added new ramp geometry and signs at the interchange of US-190 and FM-3470 in Bell County.
- Added new ramp geometry and signs at the interchange of US-67 and TX-174, both road level 2, in Johnson County.
- Added new ramp geometry and signs at the interchange of US-67 and Nolan River Rd in Johnson County.
- Added new ramp geometry and signs at the interchange of US-82 and FM-678 in Cooke County.
- Added one new subdivision in El Paso.
- Additional shopping center polygons were added all across the state.

- Additional street names and addresses were added in 33 counties in Texas.
- Additional street names and addresses were added in Brown, Comanche, Fannin, Lamar, Willacy, and Zapata counties.
- Additional street names and addresses were added in Callahan, Hamilton, Jones, and Taylor counties.
- Additional street names and addresses were added in Jasper, Lampasas, Medina, Tyler, and Waller counties.
- Based on new state law, all nighttime speed limits were removed in Texas.
- El Paso County: Changed intersection of Zaragosa Rd and FM-659 to an interchange to reflect recent changes in grade separation and construction of ramps.
- Expanded a 1.1-mile stretch of Timberland Blvd to a multi-lane road in Tarrant County.
- Expanded a 1.3-mile stretch of CR-4042/Westport Pky to a multi-lane road in Tarrant County.
- Expanded a 1.8-mile stretch of TX-183 to a multi-lane road in Tarrant County.
- Expanded a 2.6-mile stretch of FM-60 to a multi-lane road in Burleson County.
- Expanded a 2.6-mile stretch of TX-306-Loop a multi-lane road in Tom Green County.
- Extensive update of geometry and attributes in downtown Dallas was completed.
- Extensive update of geometry and attributes in downtown San Antonio was completed.
- Many rivers and lakes were added in Texas.
- Modified the airport roads inside San Antonio Int'l Airport in Bexar County.
- Modified geometry and signs for several road level 3 and road level 4 ramps off of I-10 throughout El Paso. Added new U-turn lanes at I-10 and TX-375-Loop in El Paso.
- Municipal city boundaries were updated in 14 counties in Texas.
- Municipal city boundaries were updated in Aransas, Calhoun, Harrison, Haskell, Johnson, and Shelby counties.
- New ramp geometry and signs were added at the interchange of FM-2499 and Gerault Rd in Denton County.
- New ramp geometry and signs were added at the interchange of I-10 and Heights Blvd in Harris County.
- New ramp geometry and signs were added at the interchange of I-30 and John King Blvd in Dallas County.
- New ramp geometry and signs were added at the interchange of TX-12-Loop and TX-114, both road level 2, in Dallas County.
- New ramp geometry and signs were added at the interchange of TX-46 and FM-2722 in Comal County.
- New signs were added and some attributes were modified for some off-ramps at the following three interchanges along TX-6 in Brazos County: TX-6-BR/Texas Ave/Deacon Dr, Rock Prairie Rd, and Barron Rd.
- New signs were added at the off-ramps along I-35 near George C Beach Rd in Bexar County.
- One postal code (75033) was added in Collin County.
- Ramp geometry and frontage road geometry were modified along a 2 mile stretch of I-45 in Montgomery County, affecting the interchanges for TX-336-Loop and League Line Rd.

- Ramp geometry and signs were modified at the interchange of TX-114 and International Pky at the Dallas/Fort Worth Int'l Airport in Tarrant County.
- Ramp geometry and signs were modified at the interchange of TX-121 and TX-183 in Tarrant County.
- Ramp geometry and signs were modified at the interchange of TX-183 and Story Rd in Dallas County.
- Ramp geometry and signs were modified at the interchange of US-75 and US-380, both road level 2, in Collin County.
- Residential subdivisions were added/updated in Culberson (1 subdivision), Dallas (7 subdivisions), Gregg (32 subdivisions), Midland (8 subdivisions), Parker (4 subdivisions), and Tarrant (5 subdivisions) counties.
- Road level reclassification was done in Bexar County: a 20-mile section of I-35 in central Bexar County (within the I-410 Loop) was downgraded from a road level 1 to a road level 2, and a 13-mile section of I-410-Loop in northern Bexar County was upgraded from a road level 2 to a road level 1.
- Supplemental Geometry was added in Texas.
- The city of Bishop Hills was added in Potter County.
- The main straightaway lanes for a 1.9 mile stretch of US-75, a road level 2, were modified in Collin County.
- Two residential subdivisions were added/updated in Dallas County.
- Updated ramp geometry and signs along the following four interchanges on I-45 in Montgomery County: Calvary Rd, Longstreet Rd, FM-1097, and FM-830.
- Updated ramp geometry and signs at the interchange of I-45 and TX-242 in Montgomery County.
- Updated ramp geometry and signs at the interchange of TX-130-Toll and Cameron Rd in Travis County.
- Updated ramp geometry and signs at the interchange of TX-289-Loop and TX-114 in Lubbock County.
- Updated road geometry inside Guadalupe Mountains National Park in Culberson County.
- Updated road geometry inside Kilgore College and LeTourneau University in Gregg County.
- Updated signs at the interchange of I-30 and Cesar Chavez Blvd in Dallas County.
- Upgraded a 1.5-mile stretch of WS Young Dr from road level 5 to road level 4 in Bell County.
- Walkways were included for scope areas in Collin, Dallas, Harris, and Tarrant counties. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Travis County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Utah:**

- Box Elder County was completed with fully navigable coverage.
- Tooele County was completed with fully navigable coverage.
- Iron County was completed with fully navigable coverage.

- A new, road level 4 interchange was added at S Dixie Dr off of I-15 in St George. The ramps at Bluff St also required updating to accommodate the new interchange.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Beaver, Carbon, Daggett and San Juan counties.
- Additional street names and addresses were added in Duchesne, Emery and Grand counties.
- Additional street names and addresses were added in Garfield, Iron, Kane, Morgan, Sevier, Summit, Tooele, and Weber counties.
- Additional street names and addresses were added in Juab and Paiute counties.
- California Ave between S 4800 W and S 5500 W was upgraded to a multi-lane representation in Salt Lake City.
- E 700 S between S 500 W and Mill Pond Rd was downgraded to a road level 5, in Lehi.
- Extensive update of geometry and attributes in downtown Salt Lake City was completed.
- In Iron County, Cedar City Municipal Airport was renamed Cedar City Regional Airport and was driven to verify and update all attributes, addressing, signs and POIs.
- In Salt Lake City, postal codes 84138 and 84133 were added to the database.
- In South Jordan, a new hospital has opened. The main and emergency entrances and associated geometry at University of Utah Health Care-South Jordan Health Center were Field Verified.
- In St George, S Black Ridge Dr was upgraded to road level 4 between S Dixie Dr and S 250 W. As a result of that upgrade, Hilton Dr looping to and from S Black Ridge Dr was downgraded to road level 5.
- Many rivers and lakes were added in Utah.
- S Dixie Dr between Mesa Palms Dr and W Silicon Way was upgraded to a multi-lane representation in St George.
- Salt Lake County: The interchange at UT-201 and Bangerter Hwy was modified to reflect changes to ramp alignments in West Valley City.
- The Beryl Junction Airport in Iron County has ceased operations. The POI, polygon and aircraft roads were removed.
- The interchange of I-15 and Center St has been updated to reflect changes to a new ramp system. Construction at the interchange is ongoing. Center St was upgraded to a multi-lane representation and was downgraded to a road level 5 between N 1100 W and I-15 in Provo.
- Timpanogos Hwy between Tamarack Dr and I-15 was upgraded to a multi-lane representation in Lehi. In addition, a separate path for Timpanogos Highway Commuter Ln has also been added here.
- Tooele Valley Airport was added in Tooele County. W 1000 N/E 1000 N was upgraded to road level 4 between Droubay Rd and W Utah Ave. E 500 N/Smelter Hwy and N Broadway Ave were downgraded to road level 5 in Tooele, Tooele County.
- US-35 was upgraded to road level 4 in Duchesne, Wasatch and Summit counties.
- Utah County: W 2100 N extended westward from Thanksgiving Way to Redwood Rd as part of the new Mountain View Corridor in Lehi. The ramp complex at Timpanogos

Hwy and I-15 was reconfigured to reflect changes to ramp alignments. The interchange of I-15 at S 500 E at Exit 276 was reconfigured to reflect changes to ramp alignments in American Fork.

- W 9000 S was upgraded to road level 4 between S 4800 W and S 5600 W. New Bingham Hwy was downgraded to road level 5 between W 9000 S and S 5600 W, in West Jordan, Salt Lake County.
- W 12600 S between S 4750 W and Western Hills Dr was upgraded to a multi-lane representation in South Jordan.
- Walkways were included for scope areas in Salt Lake County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Vermont:**

- A new road level 2 highway connector was added in Bennington County as a bypass around Bennington. This extension of VT-279 allows travelers to bypass US-7 and VT-9 in downtown Bennington and connects to US-7 via a new interchange just north of the city.
- A new roundabout was added at the junction of Cross Street, VT-23, VT-30, VT-125, and Main Street in Addison County near Middlebury College. A new bridge spanning Otter Creek was added on Cross Street which was also upgraded to road level 3 from the new roundabout to US-7/Court Street. In addition, College Street was changed to one way from the roundabout to Weybridge Street.
- A portion of Kelley Stand Road in Bennington County was closed for construction due to the road having been washed away in flooding. There is no expected reopening date but the road is being monitored for reconstruction progress.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Addison, Bennington, Caledonia, Essex, Grand, Orange, Windham, and Windsor counties.
- Additional street names and addresses were added in Chittenden County.
- Highway Exit POIs were added for Exits 1-6 in both eastbound and westbound directions.
- The Crown Point Bridge connecting Essex County New York and Addison County Vermont was reopened. Construction Closed status was removed from this road level 3 path and the temporary ferry route was removed from the map database.
- The Grand Isle Ferry route across Lake Champlain (along with land connection Gordons Landing) was upgraded from road level 5 to road level 4 in Grand Isle County. The path connects to road level 4 RT-314 in Clinton County New York.

### **Virginia:**

- A 6 mile stretch of I-95/495 Express and Local lanes now complete from 1 mile west of interchange at Telegraph Road in Fairfax County to Indian Head Hwy/MD-210 interchange in Prince George's County.
- A new exit ramp, 19C, was added from I-264 to London Bridge Rd in Virginia Beach.
- A new Hospital, Bon Secours St Francis Watkins Centre, was added in Chesterfield County.
- A new interchange was added on I-295 at Meadowville Rd in Chesterfield County.

- A new subdivision was added in Powhatan.
- A ramp from I-495 North to I-66 West, now permanently closed, was removed in preparation for Virginia HOT lanes being constructed. All traffic to I-66 West must use right hand Exit 49 in Fairfax County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Botetourt, Campbell, Charles City, Culpeper, Floyd, Giles, Gloucester, Goochland, King George, Louisa, Martinsville City, Mathews, Middlesex, Norfolk City, Orange, Pulaski, Rockbridge, Scott, Shenandoah, Smyth, Southampton, Stafford, Tazewell and Warren counties.
- Additional street names and addresses were added in Clarke, Dinwiddie, Essex, Greensville, King And Queen, Lancaster, Madison, New Kent, Northampton, Northumberland, Prince George, Westmoreland and Wythe counties, and in Covington, Hampton, Lexington, Portsmouth, Salem, Waynesboro and Winchester cities.
- Additional street names and addresses were added in Rappahannock County.
- Banks Ford Pky was upgraded to road level 4 from US-17 to Celebrate Virginia Pky in Stafford County.
- Carmel Church Loop was added off of Rogers Clark Blvd north of I-95 to improve truck access in the area in Caroline County.
- Fullerton Rd was upgraded to a multi-lane road from Boudinot Dr to Backlick Rd in Fairfax County.
- Henrico Doctors' Hospital – Forest Campus Hospital Main and ER Entrance POIs were added in Henrico County.
- John Rolfe Pky was extended from Three Chopt Rd to Ridgefield Pky in Henrico County. Intersections with Pump Rd and Church Rd were reconfigured.
- Many rivers and lakes were added in Virginia.
- Municipal city boundaries were updated in Accomack, Franklin, Loudoun, Prince William, Frederick, Northampton and York counties.
- New section of Franklin Turnpike was added from US-29 to N Main St in Danville, including new exit and entrance ramps at US-29.
- Re-routed the road level 4 path to White Top Rd instead of Saint Clairs Creek Rd in Smyth County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Manassas and Manassas Park.
- Rolling Rd was upgraded to a multi-lane road from Old Keene Mill Rd to Kenwood Ave in Fairfax County.
- The ramp from westbound Norview Ave to I-64 southbound was closed in preparation for the construction of a new ramp to serve Norfolk Airport in Norfolk.
- The section of the Army Base, Fort Belvoir, north of I-95 is now called "Fort Belvoir North Area" with its own POI, a child of Fort Belvoir POI in Fairfax County.
- The speed limit on I-64/I-664 was upgraded from 55 mph to 60 mph from Hampton Roads Center Parkway in Hampton to the Virginia Beach/ Chesapeake border.
- US-250 was upgraded from a single lane to a multi-lane road from Manakin Rd to Hockett Rd in Goochland County.

- US-58 was re-routed around Hillsville with a new section of roadway. The old route through Hillsville was renamed US-58-BR. Road level was adjusted to reflect the new routes. The new section of roadway is road level 2 to continue the US-58 route. US-58-BR that runs through Hillsville is now road level 3. New ramps and interchanges were added at both connections of US-58 and US-58-BR at the east and west ends of Hillsville.
- Walkways were included for scope areas in Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Richmond and Virginia Beach. Additional navigable geometry was added when required for connectivity of the walkways.
- Walkways were included for scope areas in Fairfax County and Fairfax City. Additional navigable geometry was added when required for connectivity of the walkways.
- West Creek Emergency Center Hospital Main and ER Entrance POIs were added in Goochland County.
- West Ox Rd was upgraded to a multi-lane Road from Folkstone Dr to Penderbrook Dr in Fairfax County.

### **Washington:**

- Whitman County was completed with fully navigable coverage.
- 9 new subdivisions were added in the southern portion of Snohomish County.
- A new ramp was added from eastbound WA-522 to eastbound US-2 in Monroe, Snohomish County.
- A new road level 2 ramp from westbound WA-18 to southbound I-5 in Federal Way has replaced the old clover leaf ramp at this interchange.
- A new roundabout was added at intersection of H St and Main Ave in Deer Park, Spokane County.
- A Park and Ride and roundabout was added at the intersection of NE 10th Ave and NE 136th St in Vancouver. The intersection of NE Tenney Rd and NE 139th St was modified to reflect changes in road geometry and directionality in Vancouver. NE 139th St was upgraded to a multi-lane representation between NE 10th Ave and NE 3rd Ct in Vancouver, Clark County.
- A section of WA-530 between Whitman Rd and Steelhead Dr was realigned due to a slope stabilization project in Snohomish County.
- Added new 120th Ave NE bypass ramp from northbound I-405 to eastbound WA-520 in Bellevue, King County.
- Added new ramp from S 160th St onto eastbound WA-518 in Seatac.
- Added new ramp from S 348th St onto northbound I-5 in Federal Way. This ramp replaces a cloverleaf ramp that was removed at the interchange.
- Added new ramp interchange with two new roundabouts on US-12 at WA-124/Ice Harbor Dr. Modified access road to Hood Park.
- Added new rental car facility at S 160th St and deleted the rental car facility at Seattle International Airport in Seatac.
- Added new, road level 4 HOV only ramps to and from Bellevue Way on I-90 in Bellevue.
- Added new, road level 5 HOV only ramps to and from 80th Ave SE on I-90 in Mercer Island.



- Added one new subdivision in Kennewick, Benton County.
- Added one new subdivision in Spokane.
- Added two new subdivisions in Bothell and Arlington.
- Added two new subdivisions in Coupeville and Oak Harbor and upgraded SE City Beach St and SE Bayshore Dr to road level 4. SE Pioneer Way was made an one way from SE City Beach St to SE Midway Blvd in Island County. S. Main St was realigned in Kittitas, Kittitas County. Added a new roundabout on E. Crawford Ave in Deer Park. Upgraded E Bigelow Gulch Rd to a multi-lane representation. Martin Luther King Jr Way was newly added off of Riverside Ave in Spokane.
- Added water feature cartography to Whatcom County.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Island County.
- Additional street names and addresses were added in Kitsap County.
- Additional street names and addresses were added in San Juan County.
- Administrative boundaries of the City of Battleground were modified to reflect recent annexations. Several roads, road names and addresses were added in Battleground, Clark County.
- Construction work continues on the interchange at WA-550 and St Johns Blvd in Vancouver. The ramps on the east side of the interchange were completed and were included in the database.
- Cowlitz County: Reconfigured ramp alignments at the intersection of I-5 and WA-432 at Exit 36.
- E Parksmith Dr in Spokane now continues under the North Spokane Corridor connecting to N Market St as a road level 4.
- Franklin County: Added new westbound on-ramp at Exit 7 along I-182. Added transport coding to local roads southeast of Kennewick in order to serve as a truck bypass route to Finley and east Kennewick from I-82.
- Geometry was modified at Exit 283 along I-5 to reflect recent changes made to the ramp complex in Wilsonville, Clackamas County.
- I-90 was realigned between Distance Marker 54 and Distance Marker 61 in Snoqualmie Pass, Kittitas County.
- In Snohomish County, geometry updates to WA-9 associated with construction between 180th St and Maltby Rd were made.
- In Whatcom County, Baker Lake Dam Rd was extended north about a quarter mile to a new intersection with Baker Lake Rd.
- Island County: Adjusted geometry along WA-20 at Arnold Rd to reflect recent realignments south of Oak Harbor.
- King County: Removed the south end of the Alaskan Way Viaduct and repositioned WA- 99 from just north of the 1st Ave S off-ramp to north of the West Seattle Bridge. Modified municipal boundaries of the cities of Kent and Redmond to reflect newly annexed areas. Added cartography for missing parks and community college campuses throughout the county.
- King County: Updated the position of the highway connector from westbound WA-18 to northbound I-5 in Federal Way. Added new braided interchange for I-405 North and NE 8th St/NE 10th St and I-405 North and WA-520 East in Bellevue.

- Kittitas County: Modified I-90 in both directions between Exit 54 and Exit 62 to reflect recent alignments and ongoing construction Easton.
- Many rivers and lakes were added in Washington.
- Mercer St in Seattle was converted to a multi-lane path from Fairview Ave N to Broad St.
- Modified the city boundary polygons for the city of Lynden.
- Municipal city boundaries were updated in Benton and Franklin counties.
- New HOV ramp configurations from I-90 Express Ln eastbound and I-90 eastbound to I-405.
- NW Fisher Creek Dr was added as a new road in Camas, Clark County.
- Road level 1 through road level 4 roads were driven and coded to include updates for navigation in Snohomish County.
- Skagit County: WA-530 was realigned at the Sauk River in Rockport.
- Snohomish County: Added new 196th St SW braided ramp system on southbound I-5 at Swamp Creek in Lynnwood.
- Snohomish County: WA-9 between Vernon Rd and WA-92 was updated to reflect a newly widened roadway with two lanes in each direction and several dividers.
- Spokane County: Added two new ramps from US-2/Newport Hwy to US-395/North Spokane Corridor. US-2 was upgraded to a multi-lane road between E Farwell Rd and E Deer Rd. North Spokane Corridor was upgraded to a multi-lane road from US-2 to Market St.
- Spokane County: Moved Spokane Port of Entry Transport Weigh Station approximately one mile west of previous location of the facility along I-90 in Liberty Lake. Added additional navigation attributes on I-90 between S Maple St at Exit 280 and US-2.
- Sultan Basin Rd was extended south from US-2 to Cascade View Dr. Elimination of the western intersection of US-2 and Cascade View Dr has also taken place.
- Supplemental Geometry was added in Washington.
- The bridge over Ebey Slough in Marysville was replaced and WA-529 was realigned to traverse the new bridge.
- The intersection of US-12 and Humorist Rd has completed a grade separation project in Walla Walla County. Humorist Rd now goes over US-12.
- The North Spokane Corridor was updated to a multi-lane road between US-2 and Freya St with a second roundabout at Freya St for southbound traffic. It has also been extended from US-2 to Division St. A new ramp for southbound traffic at N Shady Slope Rd provides access to US-2.
- The ramp from Bullfrog Rd to westbound I-90 at Exit 80 was modified to reflect recent changes in ramp geometry. The off-ramp from I-90 was connected to the weigh station at Exit 80 to the westbound on-ramp to I-90 in Kittitas County.
- The ramp from I-90 Express Ln to eastbound I-90 in Bellevue was moved back to the west to accommodate other changes at the interchange to Bellevue Way.
- The Rogersburg Airport was added in Asotin County.
- The westbound entrance ramp to the I-90 Express Ln was moved to the west of its previous location on Mercer Island.

- Three new roundabouts were added on Old Pacific Hwy and I-5 Exit 22, in Woodland, Cowlitz County.
- Two directions of travel changes have taken place in Seattle. Fairview Ave N was made an one way northbound from Harrison St to Valley St and Valley St is now an one way westbound from Fairview Ave N to Boren Ave N.
- Two roundabouts were added to WA-14 from Exit 12 to 15th St in Clark, WA.
- Updated Southcenter Pky as two separate north/south paths between Strander Blvd and at the end of ramp for Exit 153 north of Klickitat Dr. Included as part of the project, there are new turn lanes to and from Klickitat Dr.
- Updated US-12 between Burbank and Walla Walla, updating the intersections of US-12 at Frenchtown Rd, Spalding Rd and Sudbury Rd.
- Walkways were included for scope areas in King, Kitsap, Pierce and Snohomish counties. Additional navigable geometry was added when required for connectivity of the walkways.
- Walla Walla County: US-12 was modified to include several ramps, overpasses and internal turn lanes between Ice Harbor Rd at Exit 24 and E. Humorist Rd.
- Whatcom County: Extended on-ramp to I-5 southbound at Exit 253 to reflect new ramp alignment in Bellingham. Added a new roundabout at the intersection of WA-542/Mt Baker Hwy and E Smith Rd.
- Whidbey Island Scenic Bywy was added to Whidbey Island in Island County.
- Yakima County: Additional navigation attributes were added at the ramp complex of I-82 and Nob Hill Rd at Exit 34. Reconfigured ramp alignments at the intersection of I-82 and Valley Mall Blvd at Exit 36 in Union Gap. Extended Valley Mall Blvd west to Yakima Air Terminal. Added additional navigation attributes on I-82 between Exit 50 and Toppenish. Added transport weight restrictions, Yakima River crossings and additional navigation attributes on N Meyers Rd from I-82 to southeast Toppenish.

### **West Virginia:**

- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Berkeley County.
- Additional street names and addresses were added in Brooke, Gilmer and Lewis counties.
- Additional street names and addresses were added in Clay County.
- Additional street names and addresses were added in Ohio, Raleigh, Summers, Taylor, Tucker and Tyler counties.
- County naming and route types were updated in West Virginia to allow for more consistency across the state.
- From I-64 in Putnam County to the Ohio/West Virginia state line, US-35 was upgraded to a road level 2.
- In Beckley, a new road level 4 bypass, E Beckley Byp, was Field Verified for new geometry, attributes, names, conditions and addresses. The new road goes from New Jersey Ave to WV-41 at Beckley ARH Hospital.
- In Monongalia County, one subdivision was updated with new geometry.
- Many rivers and lakes were added in West Virginia.
- Municipal city boundaries were updated in Monongalia County.

- Supplemental Geometry was added in West Virginia.
- The intersection of WV-817 and US-35 in Mason County was Field Verified for new geometry, attributes and conditions.

### **Wisconsin:**

- A 4.3 mile stretch of US-14, a road level 2 road, was upgraded to a multi-lane road in Vernon County.
- A 20 mile stretch of US-10 was upgraded to a multi-lane road in Portage and Wood counties.
- A new 3.1 mile stretch of WI-64 was added in Langlade County.
- A new road level 3 roundabout was added through Field Verification at the intersection of N 8th St and Allman Ave in Medford.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Ashland, Crawford, Iron, Juneau, Menominee, and Sawyer counties.
- Additional street names and addresses were added in Calumet County.
- Additional street names and addresses were added in Door and Walworth counties.
- Additional street names and addresses were added in Lafayette County.
- Additional street names and addresses were added in Pepin and Vernon counties.
- Additional street names and addresses were added in Polk County.
- Additional street names and addresses were added in Waukesha County.
- All the ramp intersections with WI-52 at Exit 192 on US-51 were Field Verified for updated geometry.
- Based on Field Verification, a new road level 3 path for WI-26, that bypasses Watertown to the west in Dodge County, was added to the database. The bypass is from 2nd St Rd south to CR-Y. Included in the new bypass are new interchanges at WI-16, WI-19 and CR-Y. The old path of WI-26 was downgraded to road level 4 and renamed WI-26-BR.
- Based on Field Verification, a new road level 3 ramp from I-94 eastbound to Layton Ave and College Ave in Milwaukee was added to the database. The new geometry, attributes, signs and conditions are part of ongoing construction in the area that will continue to be monitored by local Field Staff.
- Based on Field Verification, S Pleasant View Rd in Madison was extended from Mineral Point Rd south to S Junction Rd. Each end of the new section of S Pleasant View Rd connects to the existing roads by way of new, road level 4 roundabouts.
- Based on Field Verification, the 27th St interchange (Exit 9) on I-43 in Milwaukee was updated with new geometry, attributes, signs and conditions. Construction continues to the east of this interchange that will continue to be monitored by local Field Staff.
- In Cottage Grove, The Farm Golf Course has opened for business and was added to the database.
- In Dane County, County Road N was updated from Commerce Pky and County Road TT. Changes include the conversion of County Road N from a single lane road to a multi-lane road. In addition, three road level 4 roundabouts were added at the on and off-ramps at Exit 244 on I-94 and at County Road TT.

- In Dane County, postal codes 53725 and 53744 for Madison were added to the database.
- In Dodge County, postal code 53099 for Woodland was added to the database. In addition, the existing Hamlet POI was changed to a Named Place POI.
- In Grafton, a new hospital has opened. The main and emergency entrances and associated geometry at Aurora Medical Center were Field Verified.
- In Iron County, postal code 54525 for Gile was added to the database. In addition, the existing Hamlet POI was changed to a Named Place POI.
- In Janesville, two new hospitals have opened. The new hospitals of St Mary's and Mercy Clinic North have had their main and emergency entrances and associated geometry Field Verified.
- In Jefferson County, WI-26 was Field Verified for geometry and attribute changes associated with converting WI-26 from a single lane to a multi-lane path from Baneck Ln to a new, partial interchange for a relocated County Road Y near Watertown. There are two road level 3 roundabouts at the partial interchange, one new road level 4 roundabout at the new County Road Y and Old County Road Y intersection and another road level 3 roundabout north of the partial interchange along the relocated WI-26 at High Rd.
- In Milwaukee, construction continues on the I-43 and I-94 interchange. However, several changes to the paths of I-43 and I-94 were updated in the database. In conjunction, several ramps have also been reconfigured at Exit 9 on I-894/I-43 and at Exit 316 on I-94. The area will continue to be monitored for additional changes.
- In Milwaukee, N 11th St was upgraded to road level 4 between W State St and W Wells St.
- In Milwaukee, the interchanges for College Ave and WI-119 on I-94 were updated. It is no longer possible for traffic to directly access northbound I-94 from College Ave. Traffic from College Ave now joins a paralleling ramp that starts under College Ave and is the point where traffic wishing to go to WI-119 must also exit from northbound I-94. The paralleling ramp then continues on through the WI-119 interchange collecting traffic from WI-119 for northbound I-94 eventually connecting to Exit 316/317 that leads to I-43 south and I-894.
- In Oshkosh, a new, road level 3 flyover ramp from northbound US-41 to northbound US-45 was added to the database through Field Verification. The ramp for US-45 southbound now splits from the new flyover ramp instead of directly from US-41.
- In Racine County, the interchange at County Road G at I-94 was Field Verified for new geometry, attributes, signs and conditions.
- In Waukesha County, the interchange at County Road P on I-94 was Field Verified for new geometry, attributes, signs and conditions. There are four new road level 4 roundabouts, two for the ramps of the diamond interchange, one for the intersection of County Road DR and County Road P on the south side of I-94 and the last one at the intersection of County Road DR and County Road P on the north side. Finally, County Road P is now a multi-lane road between the 2 roundabouts at County Road DR.
- In Waukesha County, WI-83 was Field Verified for geometry and attribute changes associated with converting WI-83 from a single-lane road to a multi-lane path between Mukwonago and Walnut St in Town of Genesee.

- Many rivers and lakes were added in Wisconsin.
- Municipal city boundaries were updated in Barron and Marathon counties.
- Municipal city boundaries were updated in Dodge County.
- Postal code 53940 for Lake Delton was added to the database.
- Supplemental Geometry was added in Wisconsin.
- The intersection of Greenville Dr and CR-CB in Outagamie County was updated through Field Verification. A roundabout was built at the intersection with updates to geometry along Greenville Rd and CR-CB approaching the intersection.
- The intersection of Packers Ave and Northport Dr in Madison was updated through Field Verification. Traffic coming southbound on Packers Ave at Northport Dr now travel on a dedicated path in the middle of the main roadbeds before joining the main roadway just south of Elka Ln.
- The intersection of WI-54 and WI-172 in Brown County was updated through Field Verification. A roundabout was built at the intersection with updates to geometry along WI-172, WI-54 and Freedom Rd approaching the intersection.
- Through Field Verification, a new section of US-12 in Sauk County was added to the database. The new path is located between Terrytown Rd near Baraboo and Fern Dell Rd near Lake Delton. Included in this new stretch is the completion of the interchange at Fern Dell Rd (road level 4), a new road level 4 interchange at N Reedsburg Rd and a new road level 3 interchange at WI-33. The old path of US-12 was downgraded to road level 4 and named CR-BD and US-12-BR.
- Walkways were included for scope areas in Milwaukee County. Additional navigable geometry was added when required for connectivity of the walkways.

### **Wyoming:**

- Natrona County was completed with fully navigable coverage.
- Additional shopping center polygons were added all across the state.
- Additional street names and addresses were added in Albany, Big Horn, Park and Platte counties.
- Additional street names and addresses were added in Converse and Fremont counties.
- CR-34/Jim Creek Rd and CR-147/Murphy Gulch Rd from US-14 to CR-127/Upper Prairie Dog Rd have been downgraded to road level 5. CR-127/Upper Prairie Dog Rd from US-14 to CR-24/Jim Creek Rd has been upgraded to a road level 4.
- Many rivers and lakes were added in Wyoming.
- Modified the city boundary polygons for the cities of Casper, Evansville, Mills, Bar Nunn, Midwest, and Edgerton in Natrona County.
- Municipal city boundaries were updated in Campbell County.
- Sweetwater County: The roads in the vicinity of Rock Springs – Sweetwater County Airport were modified to reflect recent changes in alignment and construction.
- The administrative boundary for Alpine Junction was changed to Alpine. The Named Place POI for Alpine Junction was changed to Alpine with Alpine Junction being made a synonym of Alpine.
- The following airports have had their aircraft road polygons updated to match available imagery and POIs updated.

- Yellowstone Regional Airport
  - Riverton Regional Airport
- The interchange at Vandehei Ave and I-25 in Cheyenne was updated with two new roundabouts at the on and off-ramps for I-25.
- WY-50 was upgraded to a road level 4 from I-90 to W 4J Rd in Gillette, Campbell County.

## Canada

### ***Alberta***

- Highway construction updates:
  - 2 slip road ramps were removed at the AB-2 interchange, Division No. 9, Red Deer.
  - A small stretch of AB-40 was realigned, Hinton.
  - AB-2 interchange ramp was realigned, Division No. 6, Airdrie.
  - AB-2 was converted from a single-lane road to a multi-lane road at Township Rd 722A east of Slave Lake, Slave Lake.
  - AB-21 & Yellowhead Trail interchange was realigned. AB-21 was converted from a single-lane road to a multi-lane road, south approx. 6 km, Division 11.
  - AB-63, a new interchange was added at Confederation Way & Eagle Ridge Blvd, Wood Buffalo, Fort McMurray.
  - AB-201 & Stoney Trail interchange was upgraded on the north side & Crowchild Trail, Division 6 Calgary.
  - AB-201 & Stoney Trail, a new interchange was added, Division 6.
  - Added AB-14 (Whitemud Dr) through the 17 St interchange, Edmonton.
  - Athabasca Bridge was realigned, a new interchange was added at Thickwood Blvd & AB-63, Wood Buffalo, Fort McMurray.
  - Extended AB-543 east for future overpass of AB-2, Division 6, High River
  - Hwy-216 Anthony Henday SW, a new interchange was added at Callingwood Rd, Edmonton, Div 11.
  - Hwy-216 Anthony Henday SW, a new interchange was added at Cameron Heights Dr, Edmonton, Div 11.
  - Hwy-216 Anthony Henday SW, Rabbit Hill Rd Overpass was added, Edmonton, Div 11.
  - Hwy-216 Anthony Henday SW, ramp was realigned at Whitemud & 87 Ave interchanges & AB-216, Edmonton, Div 11.
  - Interchange realignment of Anthony Henday Dr at Yellowhead Trail and new interchange added at Anthony Henday Dr to 184 St NW, Division No. 11, Edmonton.
  - Interchange redeveloped at AB-2 & AB-11A, Division No.9, Red Deer.
  - Interchange redeveloped at AB-2 & AB-12, Division No. 9, Lacombe.
  - Interchange redeveloped on AB-2 at Yankee Valley Blvd, Division No. 6, Airdrie.
  - New interchange added on Anthony Henday Drive at Lessard Rd.
  - New ramp added off AB-2 & 450 Ave E, Division No. 6, High River.

- Realigned AB-8 over Bow River, Calgary.
- Realigned AB-9, Division 5.
- Realigned AB-201 at AB-1A for future expansion of Stoney Trail, Division No. 6, Calgary.
- Sarcee Trail & 17 Ave SW, added new interchange, Division No. 6, Calgary.
- TC-1 & AB-93 to Jasper interchange redesigned, Division 15.
- Project completed on 715 km of road to update attributes.
- Updated the cartography of water elements, lakes and rivers.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Elk Island National Park of Canada
  - Waterton Lakes National Park of Canada
  - Wood Buffalo National Park of Canada

### ***British Columbia***

- Added 749 street names to 549 km of roads.
- Highway construction updates:
  - BC-99 N extended northbound sliproad towards BC-91 eastbound, Greater Vancouver, Richmond.
  - BC-99 N extended northbound sliproad towards the Westminster Hwy, Greater Vancouver, Richmond.
  - New interchange was added at Nelson Rd & BC-91, Greater Vancouver.
  - On Hwy-97, added interchange at Westside Rd and added a roundabout at the junction of Sneena and Westside Rds, Central Okanagan.
  - TC-1 improved signage at 192nd St interchange, Greater Vancouver, Langley.
- Project completed on 495 km of road to update attributes.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Yoho National Park of Canada.
  - Glacier National Park of Canada.

### ***Manitoba***

- Added 347 street names to 150 km of roads.
- Highway construction updates:
  - At, MB-101 (Perimeter Hwy) & MB-15 (Dugald Rd), a new interchange was added, Division 11.
  - Realigned 2 km of MB-10, Division 19.
  - Realigned portion of Hwy-101, Perimeter Hwy and the closure of intersection with Saskatchewan Ave, Division 11, Winnipeg.
  - Realigned ramp at TC-1 & TC-100, Division 11, Winnipeg.
- Project completed on 358 km of road to update attributes.
- Updated the cartography of water elements, lakes and rivers.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Wapusk National Park of Canada.



### ***New Brunswick***

- Added 647 street names to 426 km of roads.
- Highway construction updates:
  - New exit was added on Hwy-2, Edmundston.
- Project completed on 6408 km of road to update attributes.
- Updated the cartography of water elements, lakes and rivers.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Fundy National Park of Canada.
  - Kouchibouguac National Park of Canada.

### ***Newfoundland and Labrador***

- Added 800 street names to 255 km of roads.
- Added 4932 km of new named geometry without addresses and 15 km of new addressable geometry.
- Highway construction updates:
  - Aligned slip roads and made other improvements in and around NL-70/NL-75 intersection, Carbonear.
  - Extended Torbay Bypass, Torbay, Division No. 1.
- Updated the cartography of water elements, lakes and rivers.

### ***Northwest Territories***

- Project completed on 12 km of road to update attributes.
- Updated the cartography of water elements, lakes and rivers.

### ***Nova Scotia***

- Added 94 street names to 60 km of roads.
- Added 883 km of new geometry without addresses and 724 km of new addressable geometry.
- Highway construction updates:
  - Hwy-125, realignment of a roundabout at Exit 7/Alexandra St, Sydney.
  - Realigned A-104 bridge, 1km east of Antigonish.
- Updated the cartography of water elements, lakes and rivers.

### ***Nunavut***

- Updated the cartography of water elements, lakes and rivers.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Sirmilik National Park of Canada.

### ***Ontario***

- Added 1574 street names to 814 km of roads.
- Added 18076 km of new named geometry without addresses and 267 km of new addressable geometry.

- Highway construction updates:
  - Added on-ramp eastbound to Hwy-402 at Nauvoo Rd, Watford.
  - A-401 & Hurontario St, all ramps of interchange were realigned, Mississauga.
  - Continuation of Hwy-11 Extension/South River Bypass. Converted from a single-lane road to a multi-lane road, Parry Sound District (South River).
  - Converted from a single-lane road to a multi-lane road at TC/Hwy-11/Hwy-17 between Hodder Ave and ON-527, Thunder Bay.
  - Hwy-11 was converted to a multi-lane road & realigned from just north of the Ontario St/Ferguson St interchange to ON-124, Parry Sound District.
  - Hwy-403/QEW added new geometry related to HOV lanes, Oakville.
  - Hwy-17, a new interchange was added at White Lake Rd. Hwy-417 & 29 westbound until Campbell Dr, Renfrew County was converted from a single-lane road to a multi-lane road.
  - Interchange reconfigurations along the QEW and Martindale, Ontario, Lake, and Niagara streets. St. Catharines.
  - New interchange was added and converted from a single-lane to a multi-lane road along 3 km of Hwy-7, Carleton Place.
  - ON-3 was converted from a single-lane road to a multi-lane road from Talbot Rd to CR-8/Maidstone Ave W, Maidstone.
  - ON-417 added Standard Name "The Queensway" to 33 km, Ottawa.
  - ON-69 & Oastler Park Dr downgraded Oastler Park Dr road class (offshoot of Hwy-69), Parry Sound.
  - ON-69 new alignment between Estaire and ON-637, Sudbury/Estaire.
  - ON-400 and Simcoe Road 88 interchange, deleted small slip roads, Bradford West Gwillimbury.
  - QEW/Hwy-403 alignment improved at Fairview St/Plains Rd E, Burlington
  - Queen Elizabeth Way & Peace Bridge FRCA was upgraded and other modifications were made, Fort Erie.
  - Realignment of geometry at the intersection of TC-11/17, Vibert Rd & Arthur St, Thunder Bay.
  - Refined underwater geometry of Detroit-Windsor tunnel
  - TC/Hwy-11 realigned & improved International Bridge, Fort Frances.
- Project completed on 87 km of road to update attributes.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Bruce Peninsula National Park
  - Point Pelee National Park of Canada
  - St. Lawrence Islands National Park

### ***Prince Edward Island***

- 218 km of new addressable geometry and addressing information to 373 km of existing geometry.
- Added 6 street names to 1 km of roads.
- Highway construction updates:
  - PE-2 realigned at Brackley Point Rd near Charlottetown Airport, Charlottetown.

- Updated cartography of water elements, lakes and rivers.

### **Quebec**

- Added 180 street names to 133 km of roads.
- Highway construction updates:
  - A-10 & Boul Taschereau interchange reconfigured, Longueuil.
  - A-10/15 Champlain Bridge, completed the reconstruction of ramps between Champlain Bridge & Montreal Sts, Montreal.
  - A-15/40/Rte-117, Échangeur Décarie restructured, Montreal.
  - A-15/I-87 border crossing was reconfigured, Napierville.
  - A-20 & A-520 (at Dorval Airport) was reconstructed, Montreal.
  - A-20 Cacouna à L'Isle-Verte (9,8 km), Cacouna.
  - A-20 renumbered Exits, Montreal.
  - A-30 at Boul St-Jean-Baptiste including Exit # changes, Chateauguay.
  - A-30/20 interchange reconfigured, A-540 becomes A-30, Vaudreuil-Dorion.
  - A-40 improved signage, Montreal.
  - A-50 was extended from Fassett–Grenville-sur-la-Rouge (17 km), Argenteuil Co.
  - A-440/740 interchange was reconfigured, Québec.
  - A-720 (Tunnel Ville-Marie) was aligned, Montreal.
  - A-973/Rte-138 interchange was reconfigured at Wilfrid-Hamel, Québec.
  - Eastern Extension of Hwy-30 Jean-Leman Eastern part (3,4 Km), Roussillon County.
  - Extension of A-410 - relocated Rte-108/143 part 2, Sherbrooke.
  - Hwy-15 & Hwy 640 reconfigured interchange , Therese De Blainville.
  - Hwy-30/20 (540) interchange was reconfigured, two new exits were added as the first step to this project, Vaudreuil-Dorion.
  - Hwy-30 eastern extension Jean-Leman Eastern part (3,4 km), Roussillon Co.
  - Hwy-148, new exit ramp was added from Hwy-148 onto Boul des Grives N, Gatineau, Ouatouais.
  - Lac Megantic Bypass was added, Route 161, Lac Mégantic.
  - New Bypass on Rte-155 was added, La Tuque.
  - QC1 - Extension of A-50 was added from Montebello-Fassett (12 KM), Papineau County.
  - QC-134 reversible lanes were added on Jacques Cartier Bridge, Montreal.
  - QC-173 & US-6 border crossing was updated, Saint-Théophile.
  - Realignment of ramps on A-20/25/132, Boucherville.
  - Realignment of ramps on A-20/25/132, Oka.
  - Reconfigured A-15/20/720 Échangeur Turcot, Montreal.
  - Reconfigured the interchange at A-15 & A-640, Therese De Blainville.
  - Reconstructed A-440 Exit 24, Rue D'Estimauville, Québec.
  - Restructured a connecting ramp from A-15 to A-40, Montreal.
  - Restructured A-40 between Rte-341 and Rte-343, L'Assomption.
  - Roundabout construction at the intersection of A-640 and Rte-148 (Boul Arthur Sauvé), Saint-Eustache.

- Rte-138 was converted from a single-lane road to a multi-lane road between Av Royale and Rue des Montagnards, Beaufré.
- Rte-176 / US-6 border crossing was updated, Saint-Théophile.
- TC A-85/QC-85 was converted to a multi-lane road & upgraded from Saint-Louis du Ha Ha to Cabano, Temiscouata.
- Widened & realigned A-40, Vaudreuil-Dorion.
- Project completed on 1359 km of road to update attributes.
- Updated the cartography of water elements, lakes and rivers.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Pacific Rim National Park

### **Saskatchewan**

- Added 3087 street names to 674 km of roads.
- Highway construction updates:
  - Hwy-11 was converted to a multi-lane road from just south of Hague to north of Rosthern, Division 15, Hague.
  - Interchange re-developed at Circle Dr, Lorne Ave & Jasper Ave, Division 11, Saskatoon.
  - Interchange re-developed at Hwy-1 & Lewvan Drive, Division No. 6, Regina.
  - Realigned Hwy-21 south of Maidstone, Division No. 13.
  - SK-11 minor realignment between Hauge and Rostern.
  - SK-45 interchange was upgraded, Division 12, Delisle.
  - TC-1 minor realignment near Fleming.
  - TC-1 new slip road was aligned on the north side of the interchange at SK-4, Division 8, Swift Current.
  - TC-16 minor realignment near Bresaylor.
- Project completed on 106,755 km of road to update attributes.
- Updated the cartography of water elements, lakes and rivers.
- Updated the boundaries, connecting road network, entry points, and POIs of these National Parks:
  - Grasslands National Park of Canada

### **Yukon**

- Project completed on 12 km of road to update attributes.
- Updated the cartography of water elements, lakes and rivers.

## **Detailed City Listing (City, County, Province)**

<b>New Detailed Cities</b>
***All cities in Canada are fully detailed***