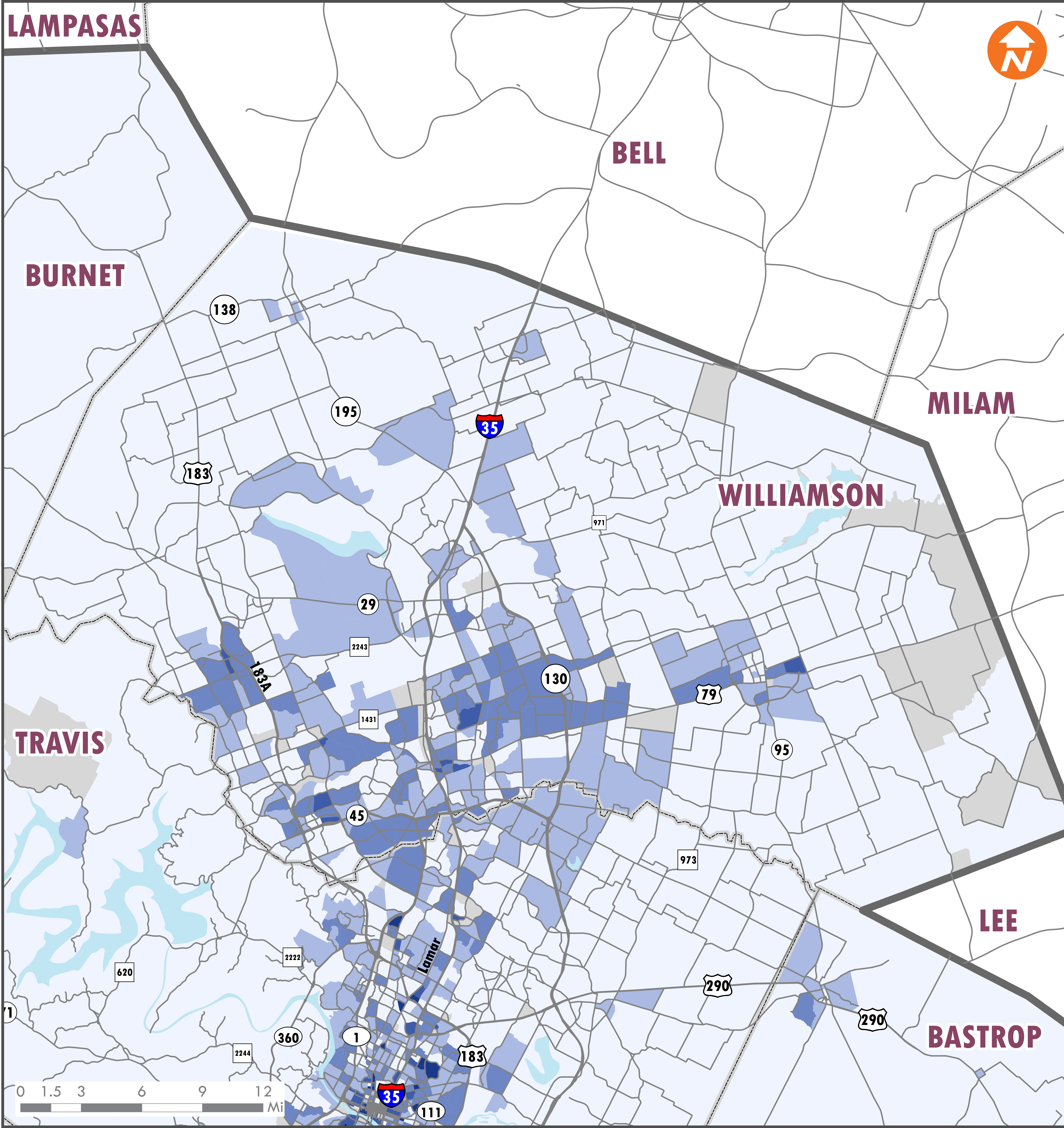


E-Appendix: Plan Maps - Williamson County

List of Maps

1. Change in Population Density 2010 to 2040
2. Change in Employment Density 2010 to 2040
3. CAMPO Centers
4. Road Types 2010
5. Road Types 2040
6. Congestion Management Process System
7. AM Total Delay (in vehicle-hours)
8. PM Total Delay (in vehicle-hours)
9. Public Transportation Providers
10. Bicycle Facilities
11. Pedestrian Facilities
12. Road Projects
13. Transit Projects
14. Smoothed Urbanized Areas and Clusters
15. Toll Roads, Managed Lanes, and ITS System
16. Deficient Bridges
17. Motor Vehicle Crashes 2011 to 2013
18. Bicycle Crashes 2011 to 2013
19. Pedestrian Crashes 2011 to 2013
20. Wildfire Threat
21. Wildfire Ignition Density
22. Freight Corridors
23. Environmental Sensitivity Analysis with Historic Sites
24. Aquifer Recharge and Contributing Zones
25. FEMA Flood Plains
26. Parks and Conservation Areas
27. Soil Plasticity
28. Critical Assets
29. Environmental Justice Areas
30. Environmental Justice Areas with 2040 Roads
31. Environmental Justice Areas with 2040 Transit
32. Aging Population
33. Disability Population
34. Limited English Proficiency (LEP) Population
35. Illustrative Projects

Change in Population Density 2010 to 2040



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO

Change in Population Density
(Persons per acre)

0

=>0 and <2

=>2 and <5

=>5 and <10

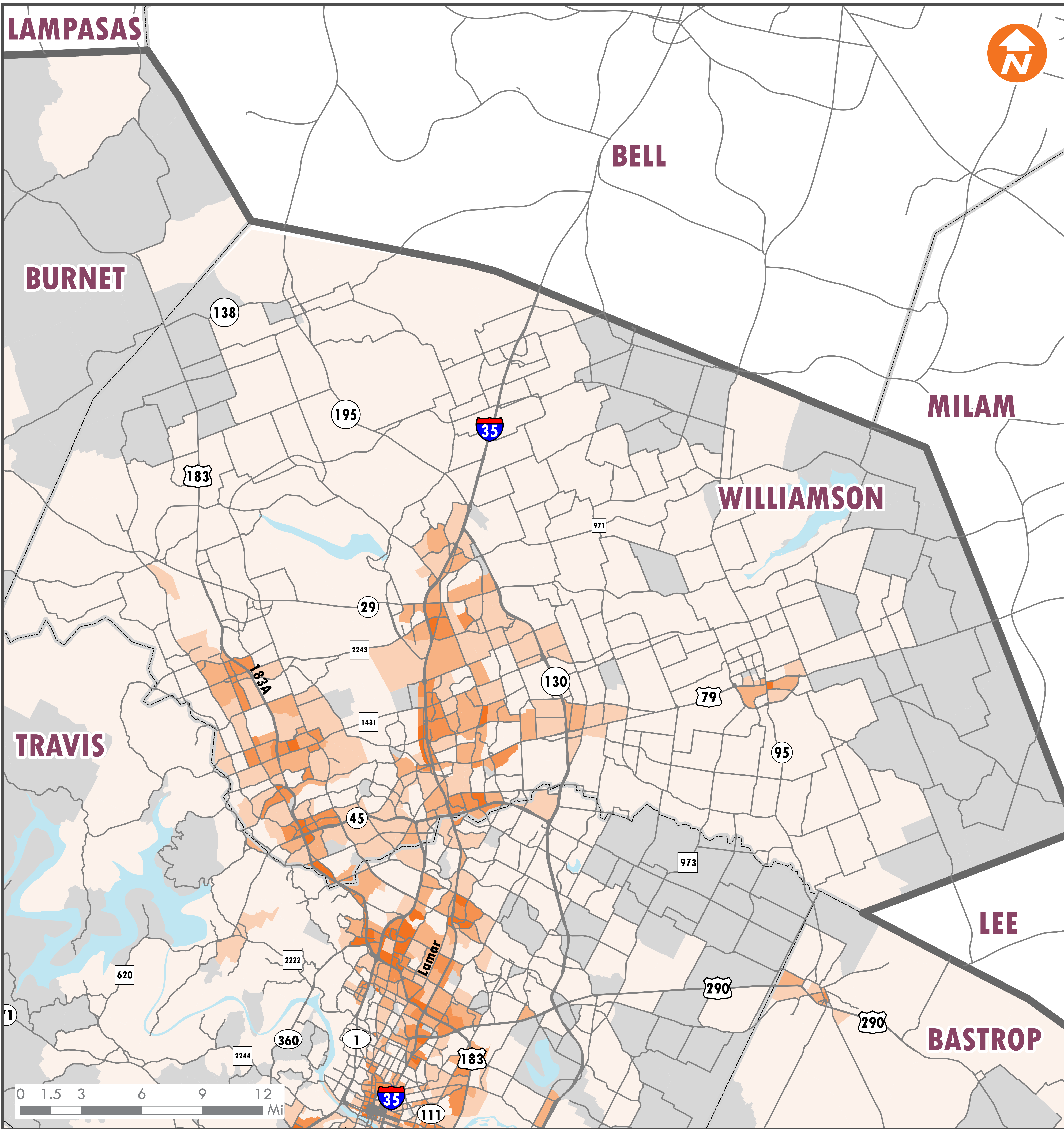
=>10 and <20

=>20

Bodies of Water

Change in Employment Density 2010 to 2040

Williamson County
Date: 3/10/2015



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO

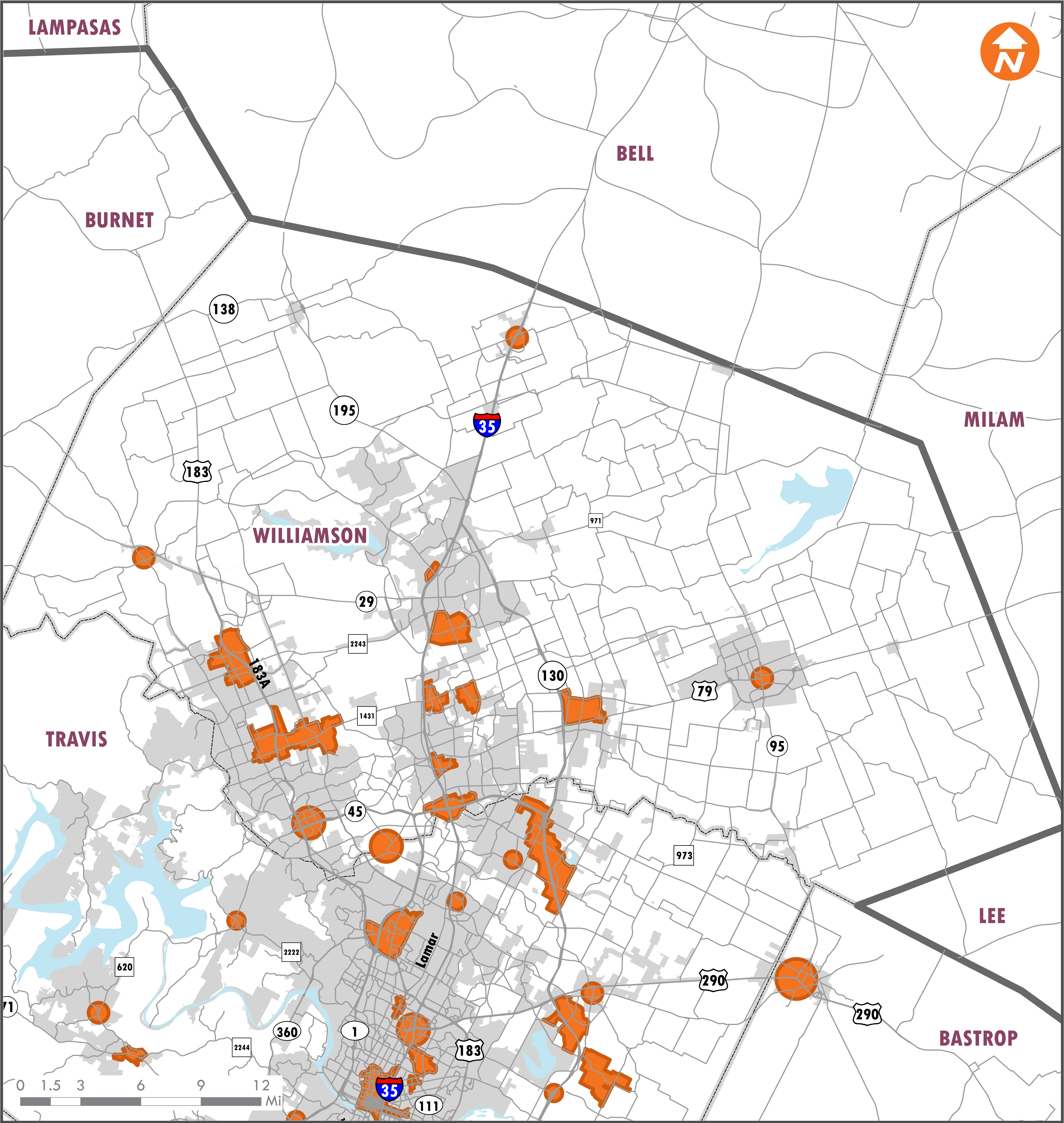
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Change in Employment Density 2010 to 2040.mxd

Change in Employment Density (Employees per acre)

- 0
- >0 and <2
- >2 and <5
- >5 and <10
- >10 and <20
- >20

Bodies of Water

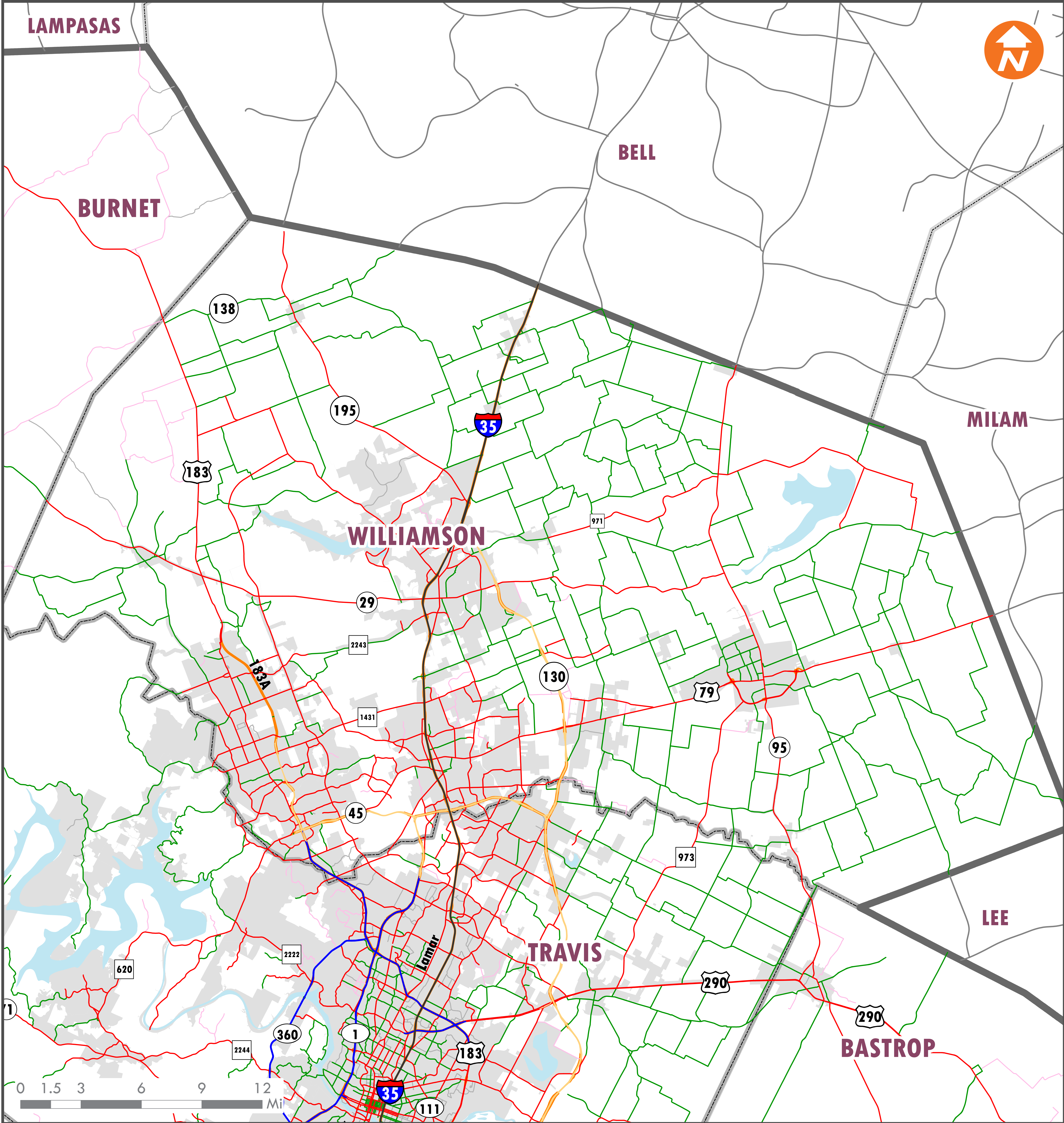
CAMPO Centers



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\CAMPO Centers.mxd

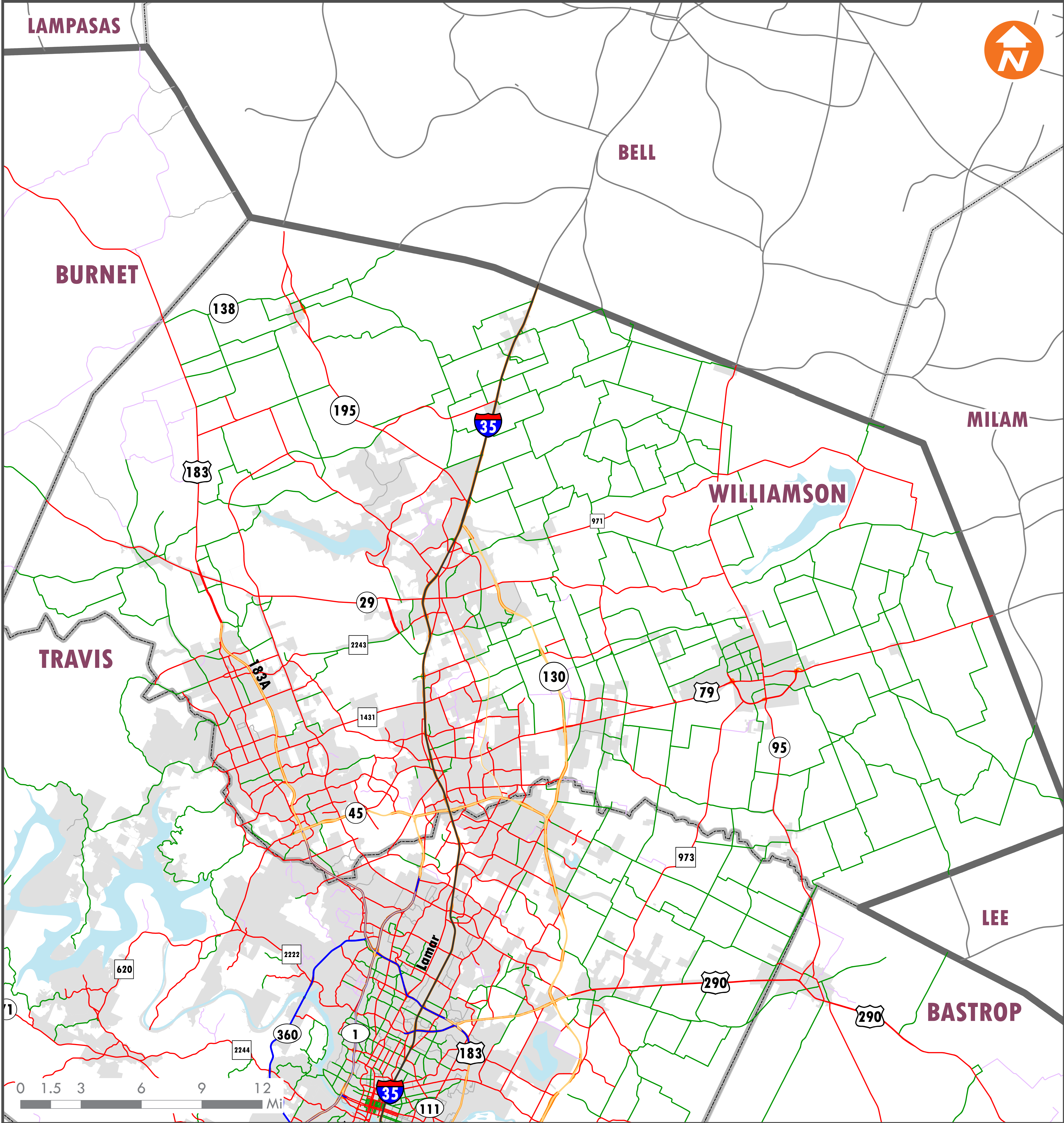
- 2040 Plan Centers
- City Limits

Road Types 2010



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Data Source: CAMPO

Road Types 2040

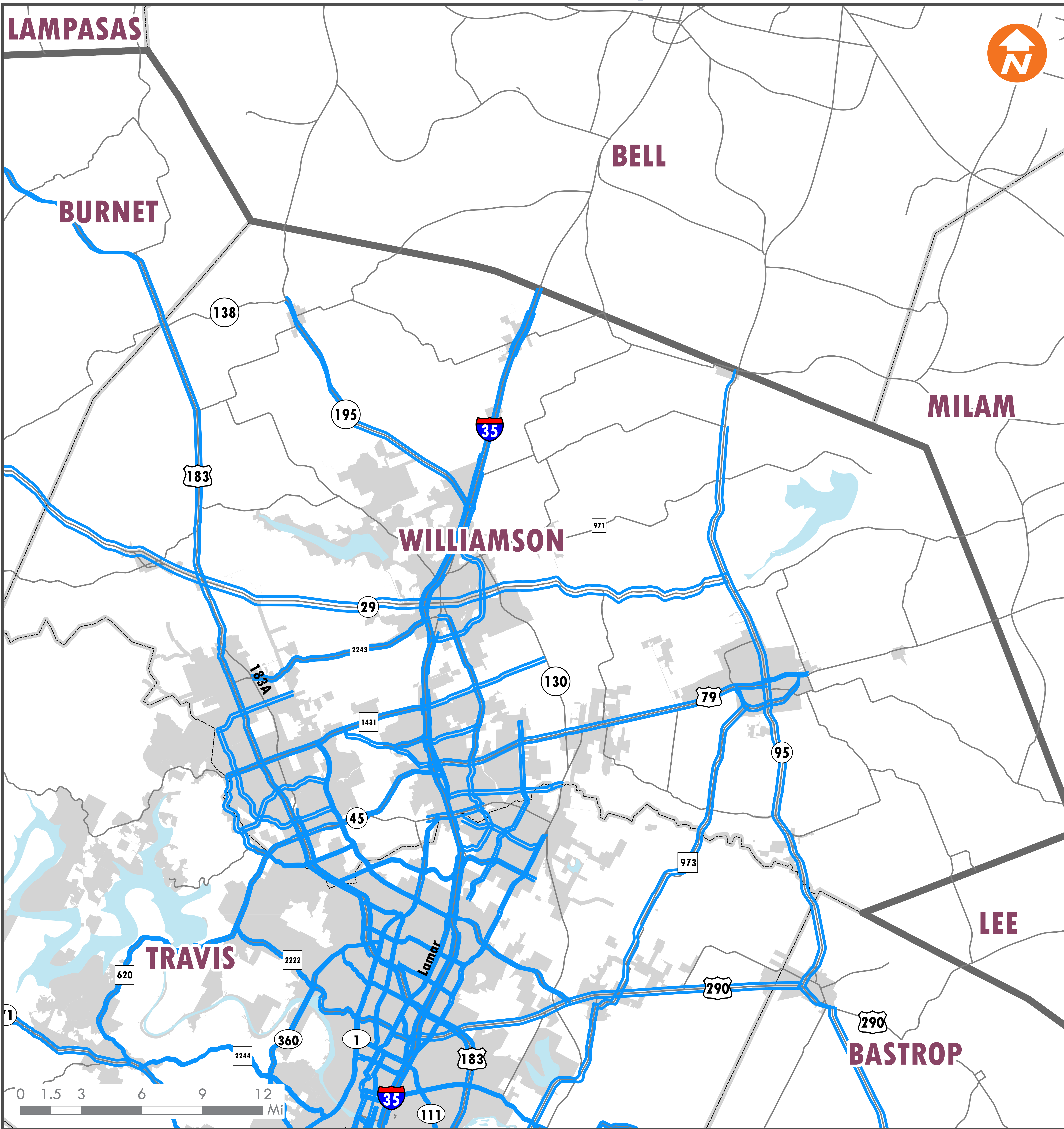


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO

Road Type

- | | |
|--------------------|--------------------------------|
| Interstate | Minor Arterial |
| Freeway/Expressway | Collector |
| Tolled | Local |
| Principal Arterial | Ramp/Frontage/Direct Connector |
| | City Limits |

Congestion Management Process System

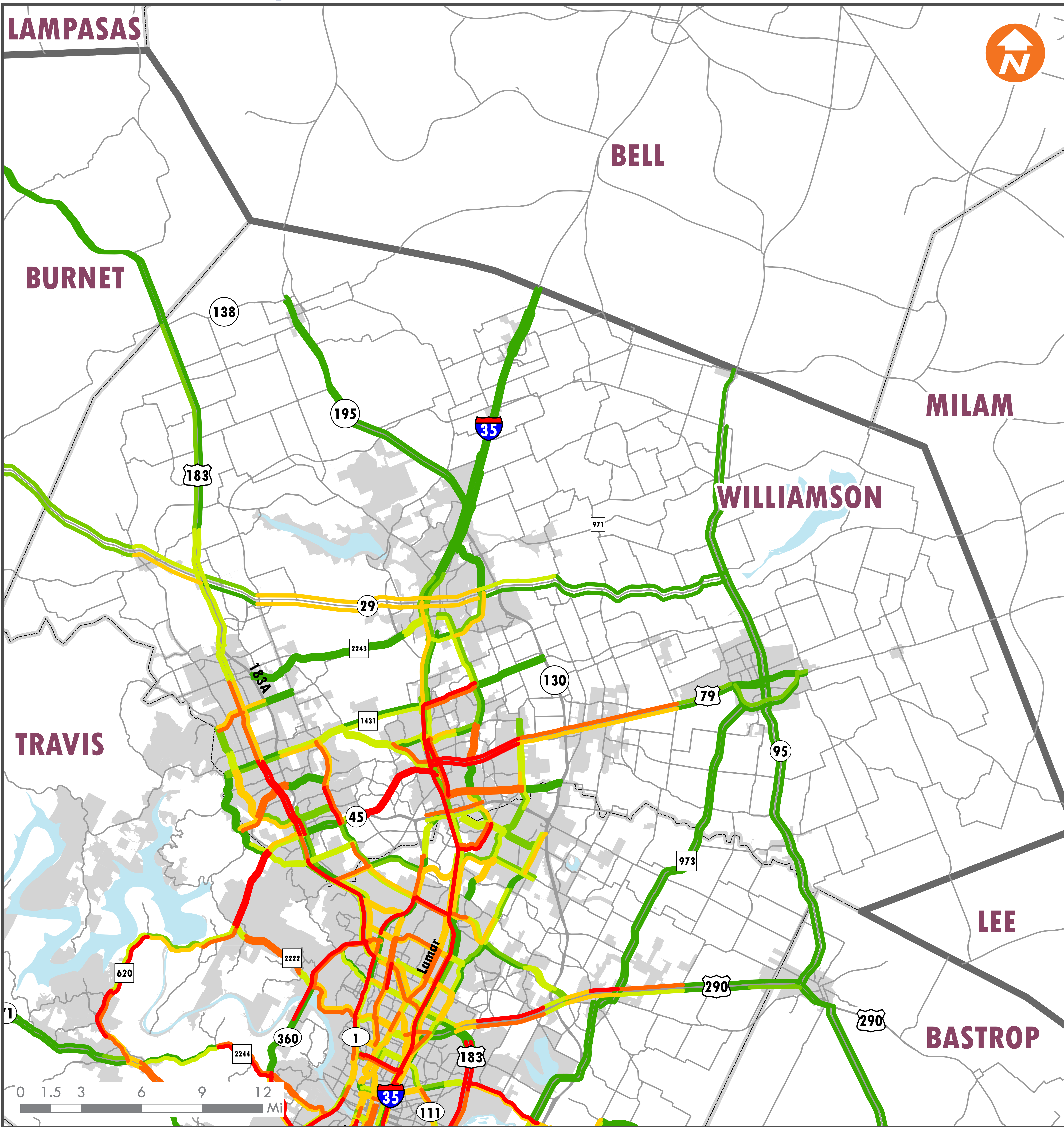


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Data Source: TTI

Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Congestion Management Process System.mxd

-  CMP (Congestion Management Process) Roads
-  City Limits

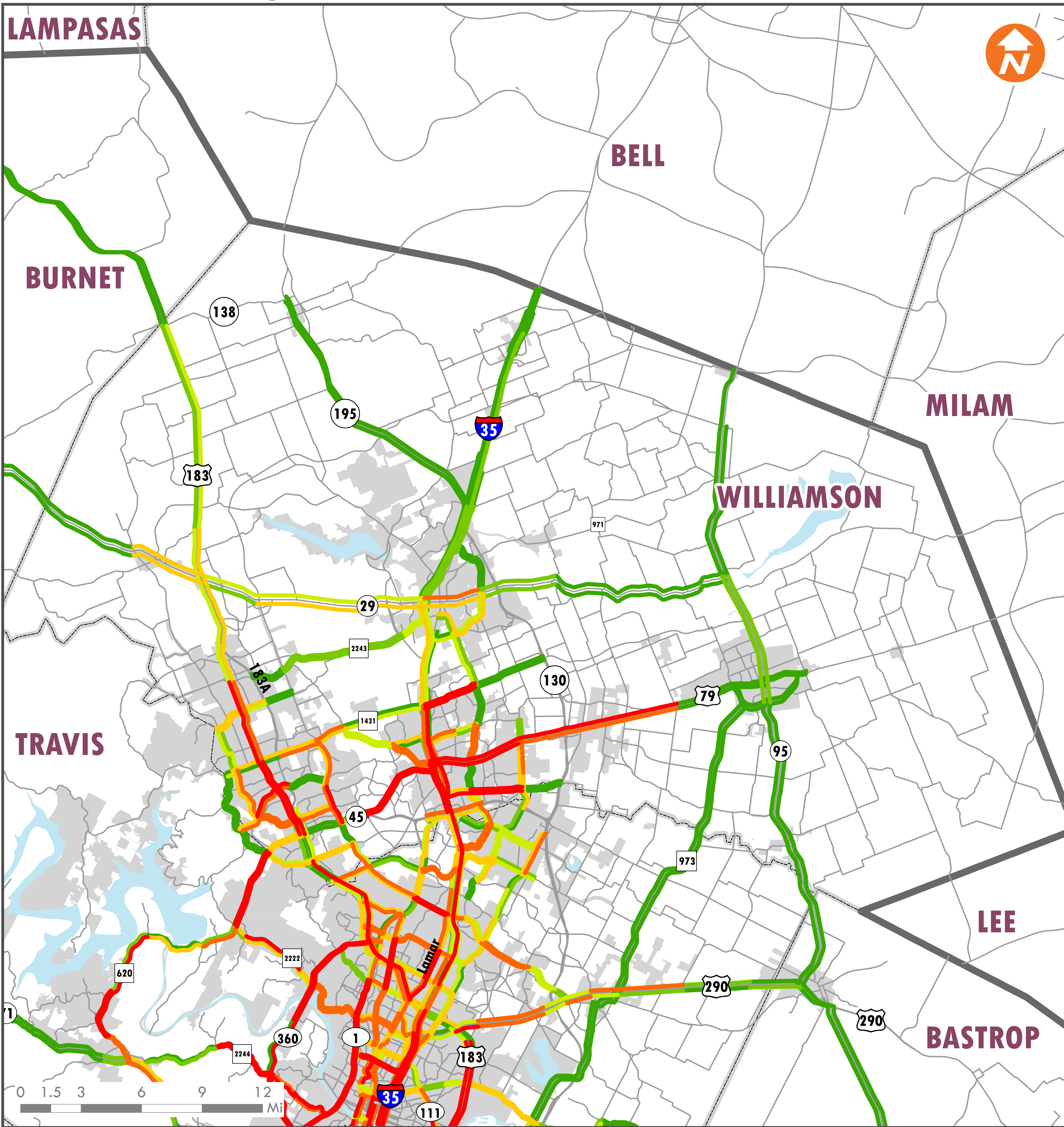
AM Total Delay (in vehicle-hours)



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: TTI
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\AM PM Total Delay Per Mile.mxd

Vehicle-Hours	=> 20 and < 40
< 5	=> 40 and < 80
=> 5 and < 10	=> 80
=> 10 and < 20	City Limits

PM Total Delay (in vehicle-hours)



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Data Source: TTI
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\AM PM Total Delay Per Mile.mxd

Vehicle-Hours

< 5

=> 5 and < 10

=> 10 and < 20

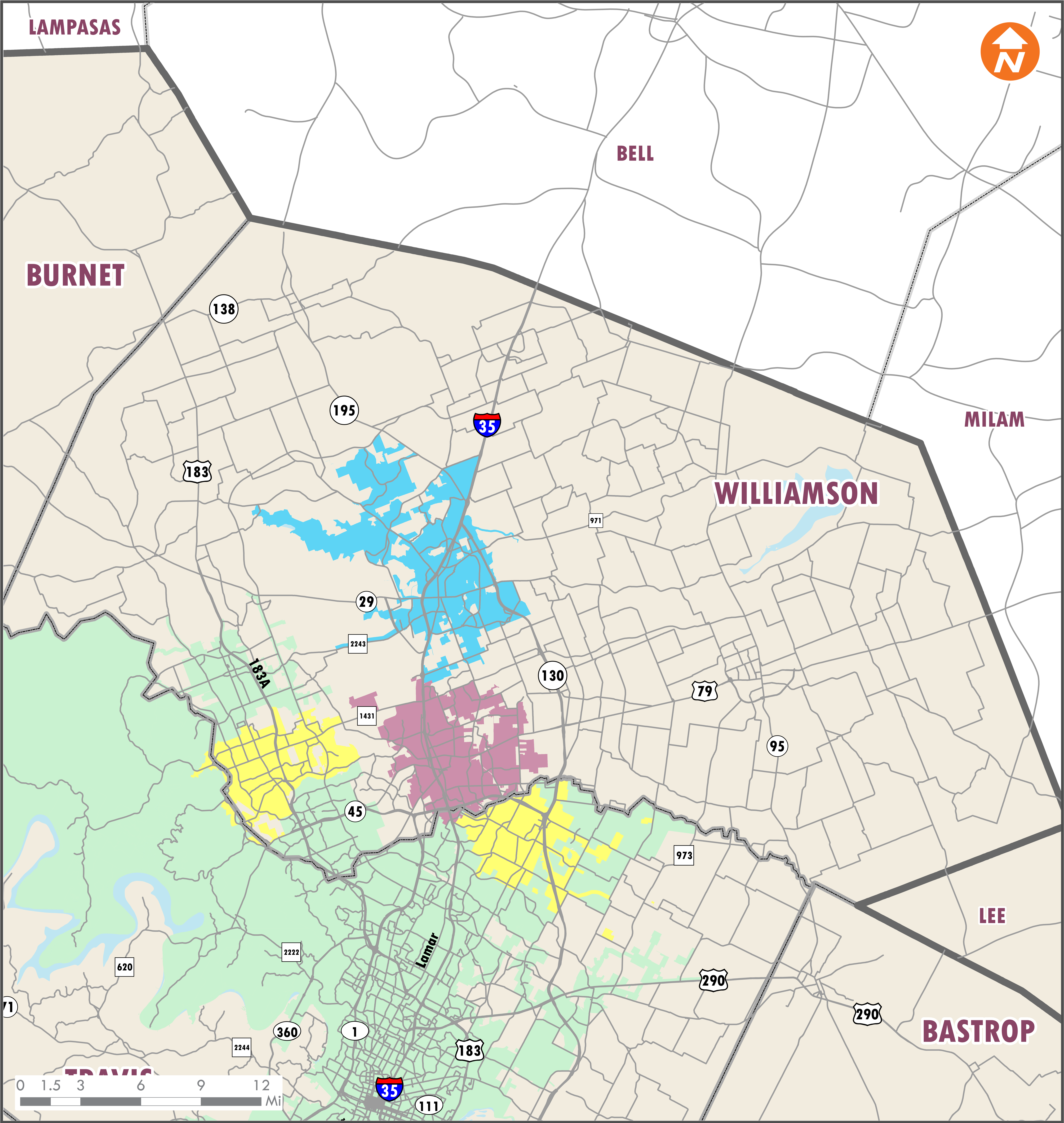
=> 20 and < 40

=> 40 and < 80

=> 80

City Limits

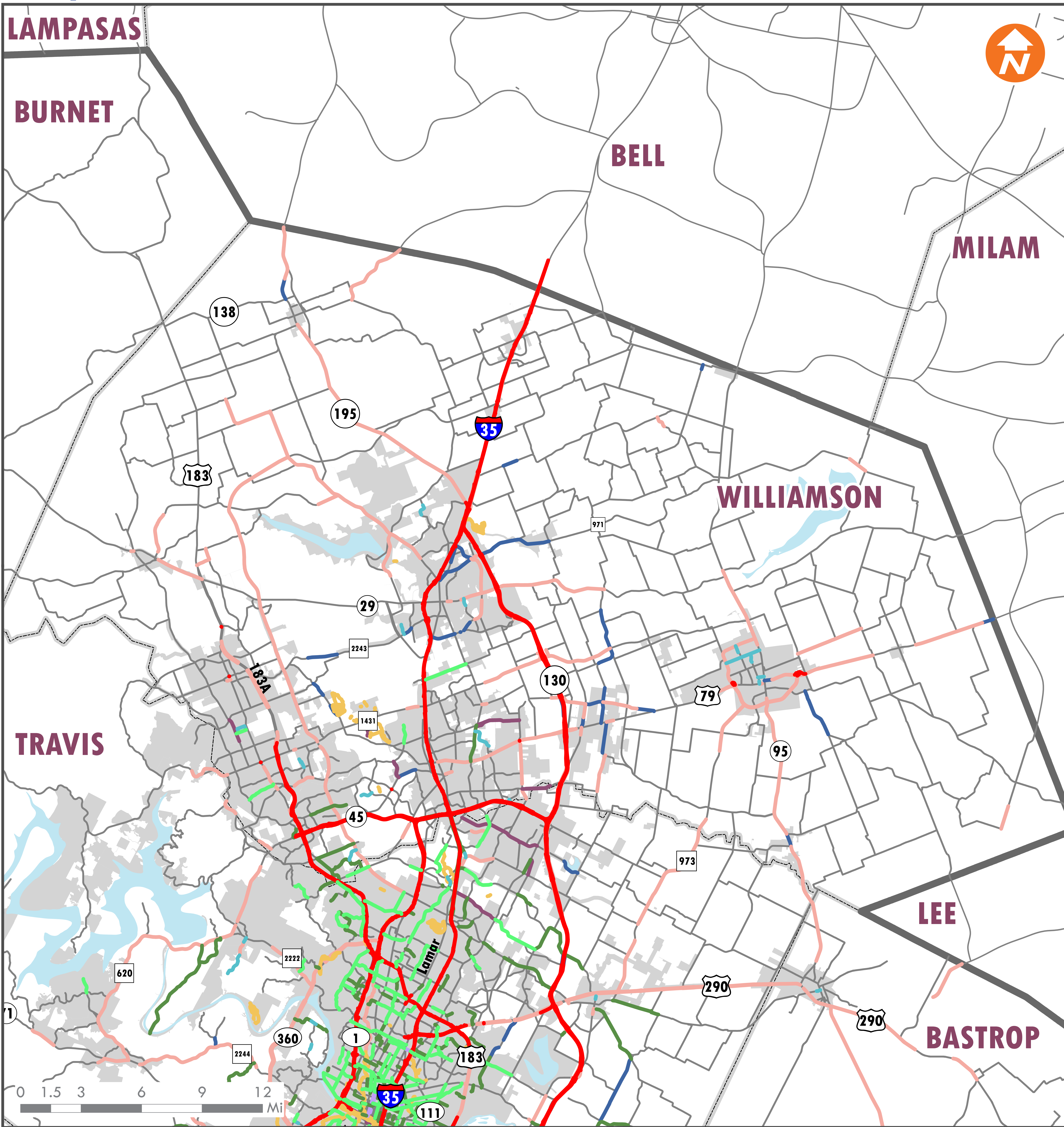
Public Transportation Providers



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: Capital Metro, TTI
Author: GSG
Document Path: Z:\2-Data_Development_and_Maintenance\200-GIS\Maps\2040 Plan Maps(MXD)\Public Review Maps\Public Transportation Prov

- Urban: Round Rock Demand Response
- Small Urban: San Marcos Transit (CARTS)
- Service Gap
- Urban: Capital Metro - Contract for CARTS Service
- Del Valle Flex Route
- CAMPO Boundary
- Rural: CARTS Area

Bicycle Facilities 2012

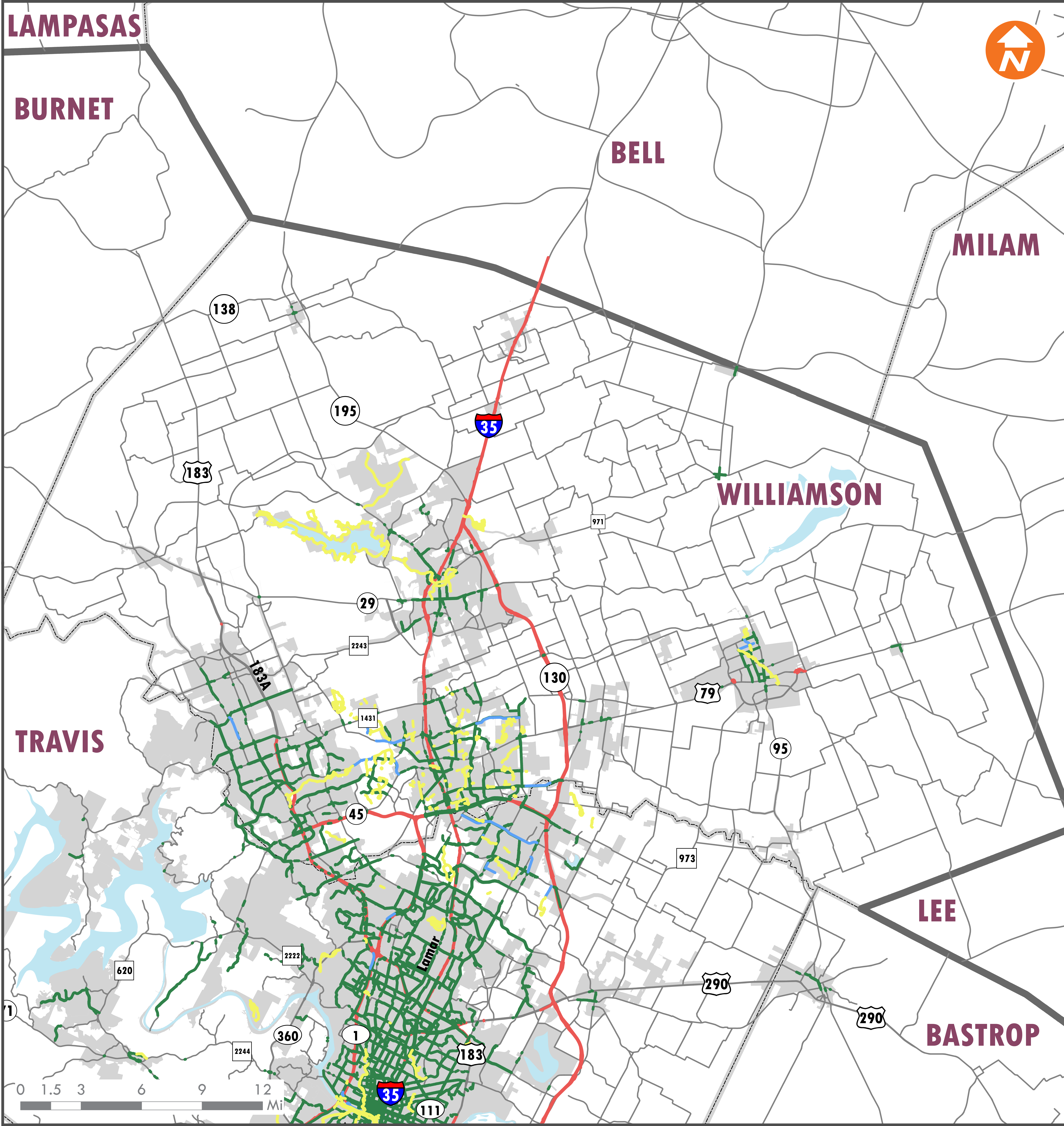


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Bicycle Facilities.mxd

Bicycle Facility

- Bike Lane
- Bike/Ped Prohibited
- Shared Lane (No Provisions)
- Shared Lane (Wide Outer Lane)
- Shared Lane (With Provisions)
- Shared Use Path (Independent ROW)
- Shared Use Path (Sidepath)
- Shoulder
- Shoulder (Non-Compliant)
- City Limits

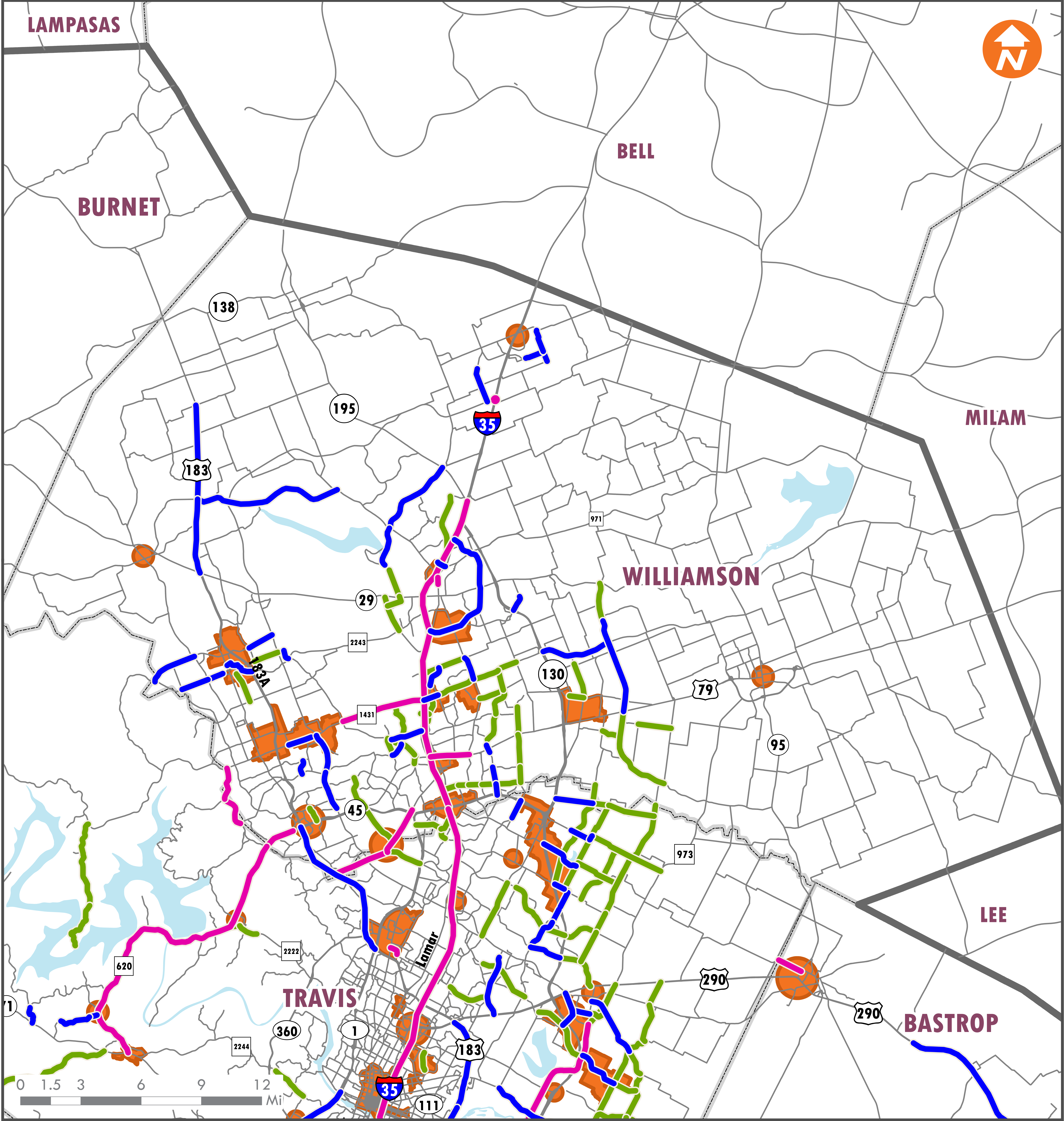
Pedestrian Facilities 2012



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Pedestrian Facilities.mxd

- Pedestrian Facility**
- Bike/Ped Prohibited
 - Shared Use Path (Independent ROW)
 - Shared Use Path (Sidepath)
 - Sidewalk
 - City Limits

Road Projects 2040 with Centers

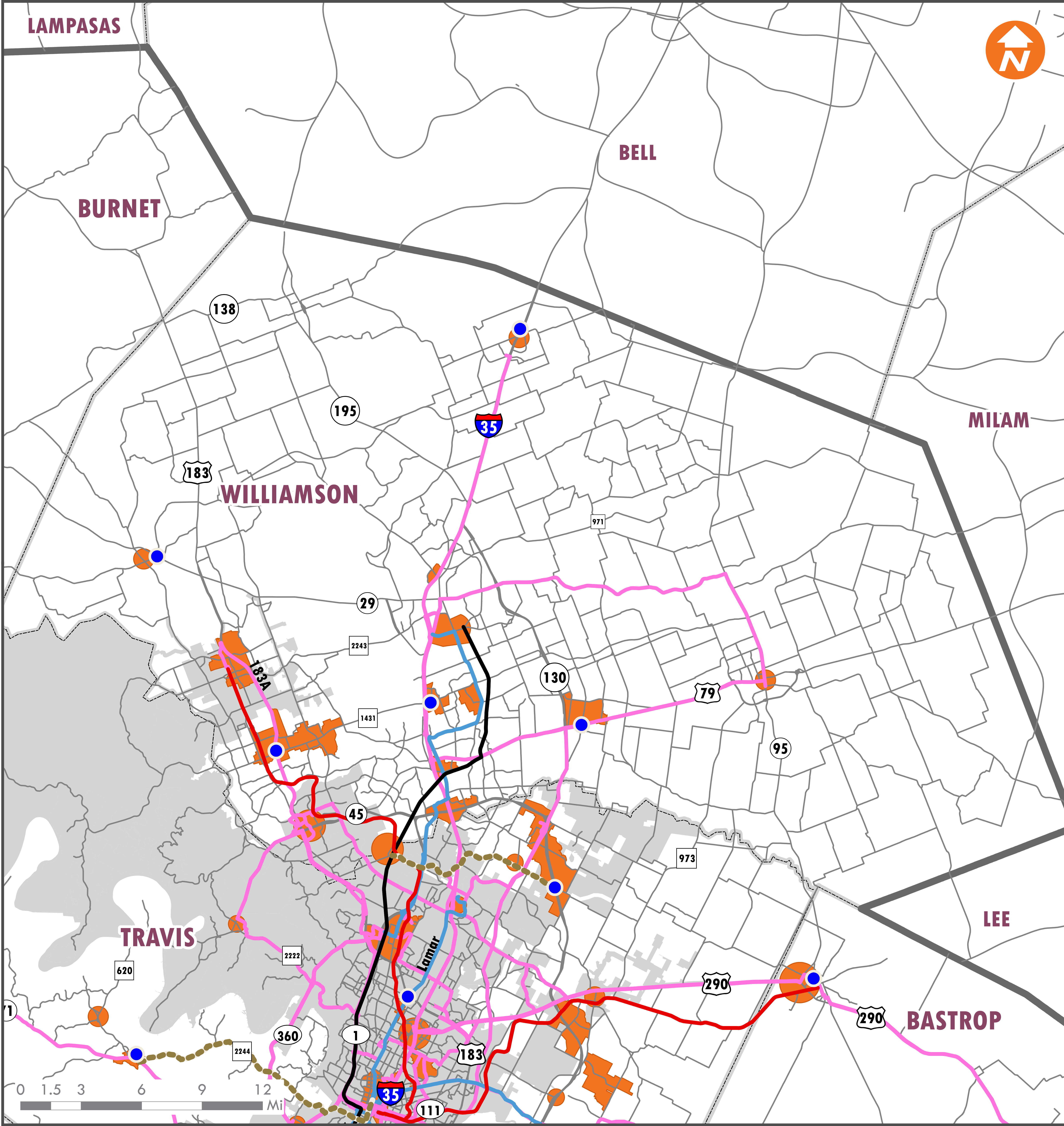


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Revised Plan Maps\CAMPO 2040 Plan Road Projects with Centers.mxd

- Committed
- Design
- Local
- Preferred
- 2040 Plan Centers



2040 Transit with Centers

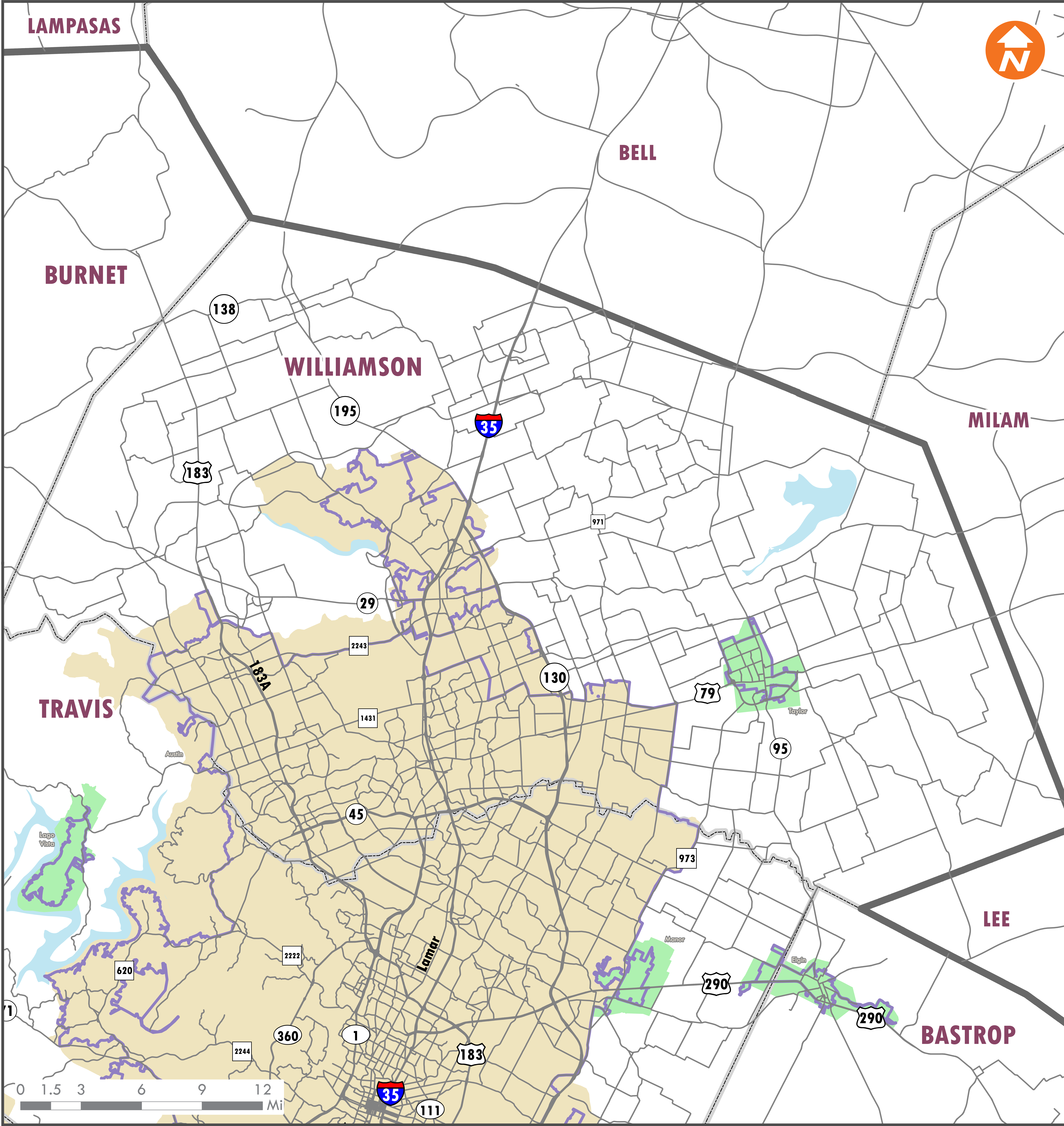


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Transit Projects 2040 with Centers_09242015.mxd

- | | |
|----------------|----------------------------|
| Commuter Rail | Rapid Bus |
| Future Concept | Transit Center/Park & Ride |
| Intercity Rail | 2040 Plan Centers |
| Express Bus | CMTA Service Area |



Smoothed Urbanized Areas and Clusters

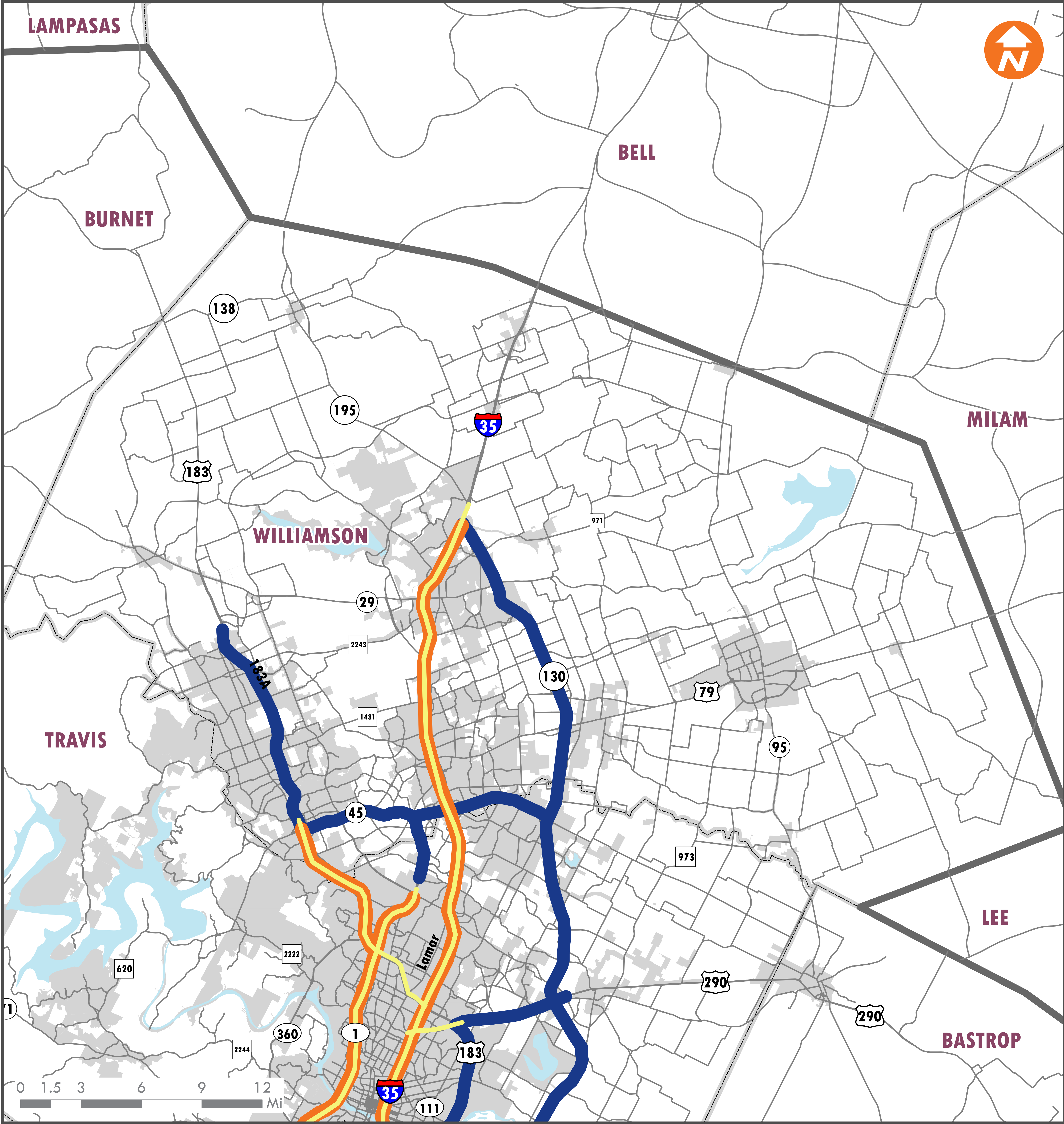


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO, Census Bureau
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Smoothed Urbanized Areas and Clusters.mxd

- Census Urbanized Areas and Clusters
- Smoothed Version by Type**
- Urbanized Area
- Urbanized Cluster

Toll Roads, Managed Lanes, and ITS System

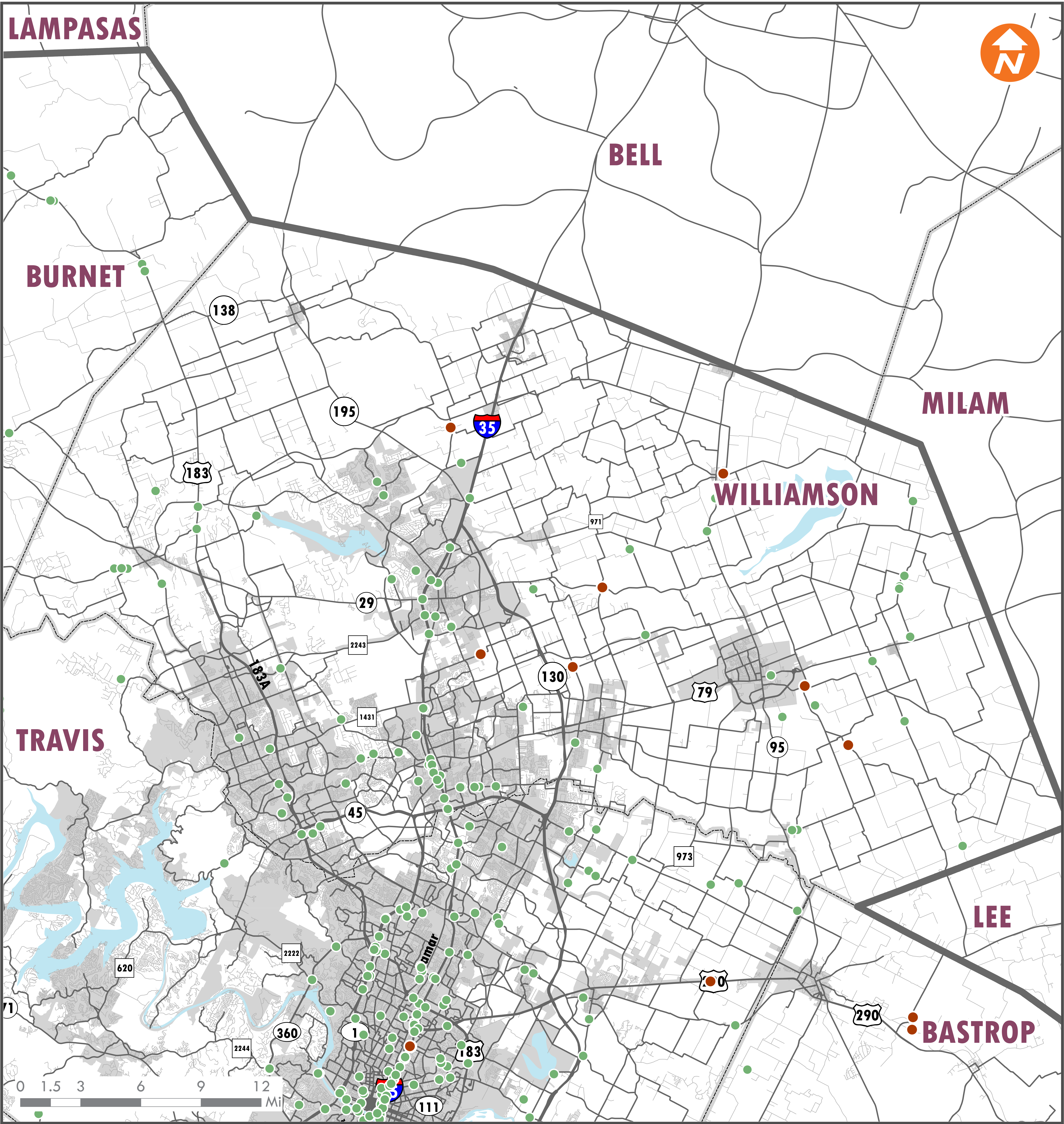
Williamson County
Date: 2/25/2015



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Toll Roads, Managed Lanes, and ITS System.mxd

- ITS System
- Tolled Express Lanes
- Tolled Highways
- City Limits

Deficient Bridges

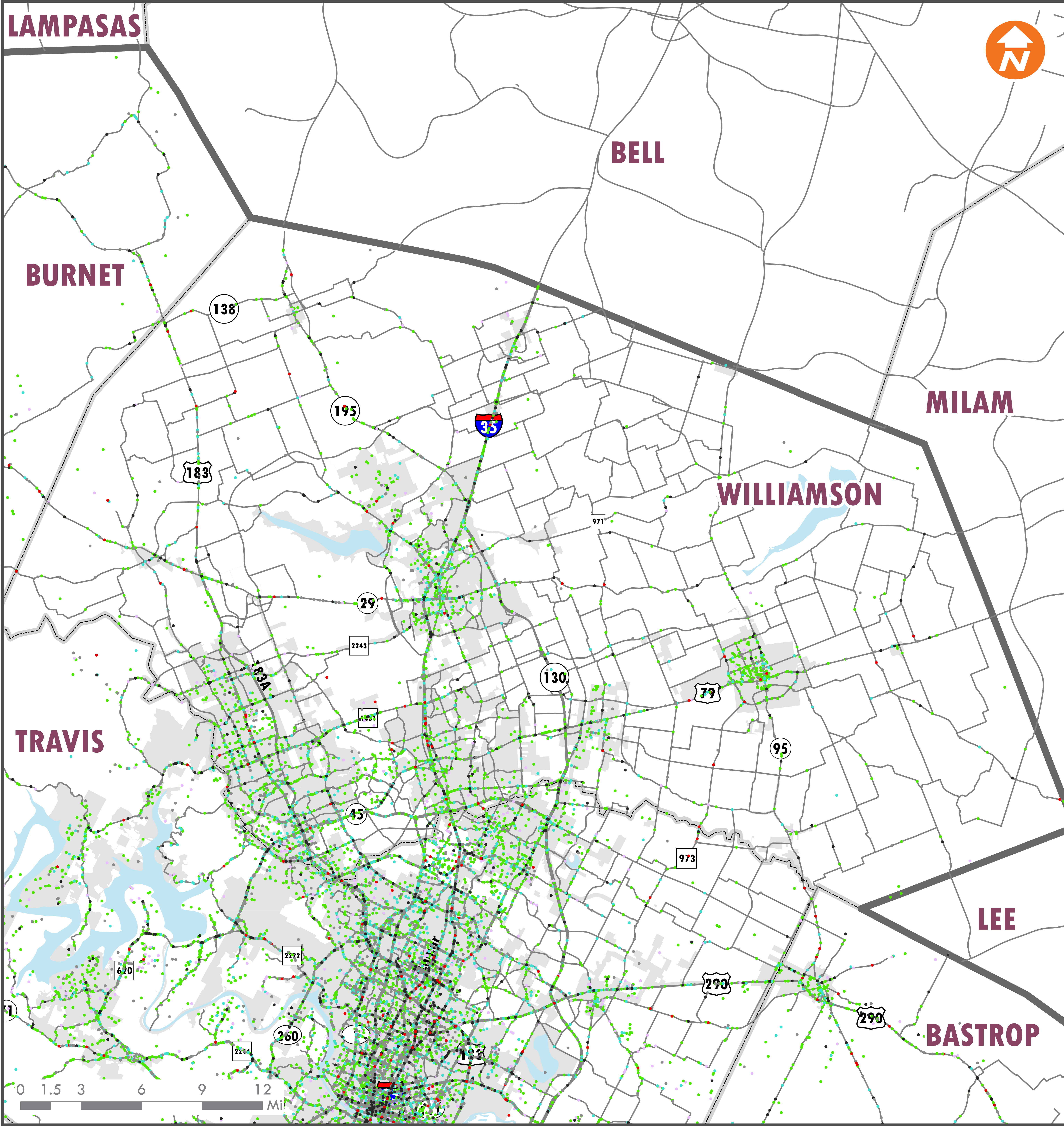


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: TxDOT
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Deficient Bridges.mxd

Bridge Category

- Functionally Obsolete
- Structurally Deficient
- City Limits

Motor Vehicle Crashes 2011 to 2013



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Data Source: TxDOT

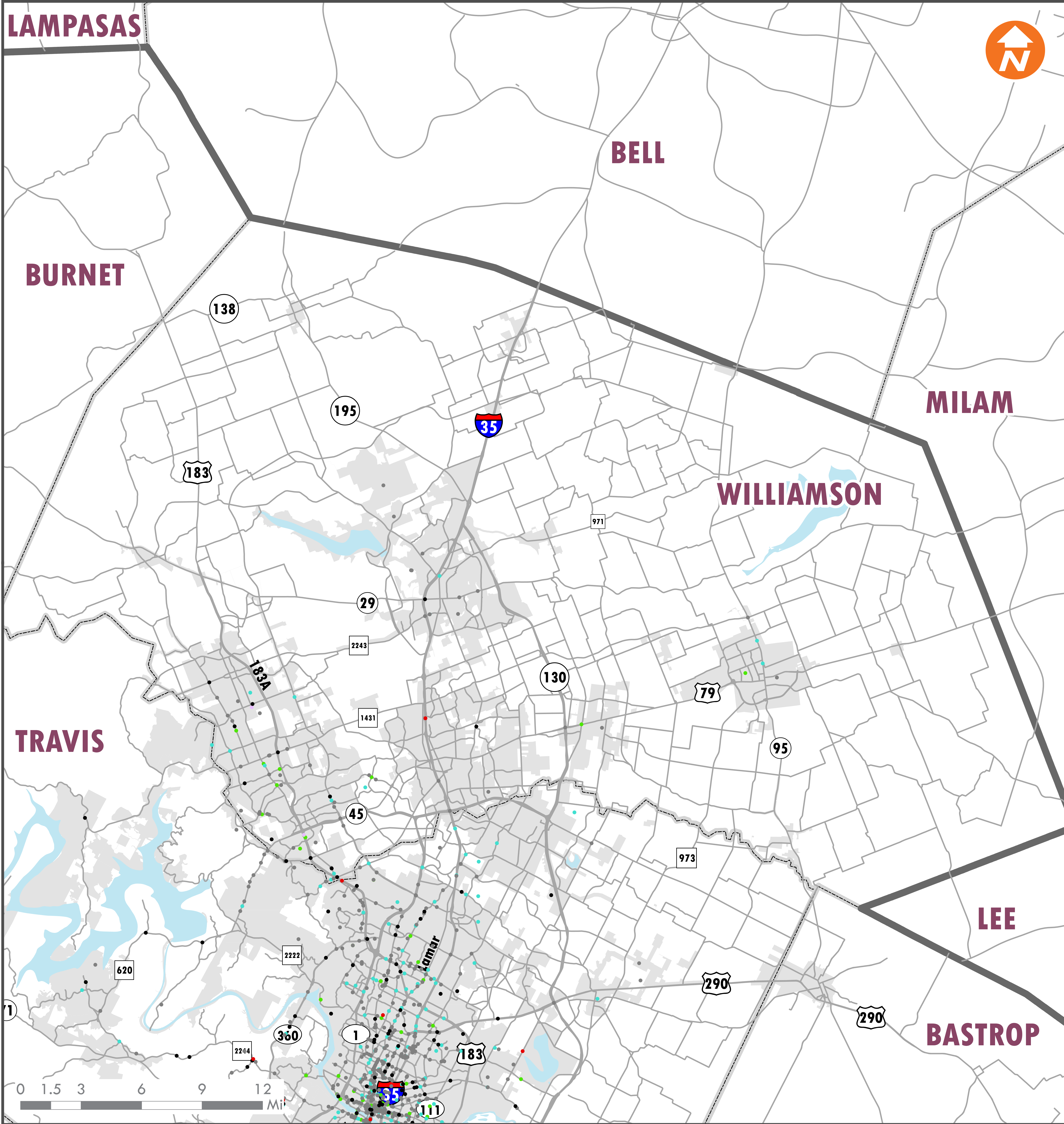
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Motor Vehicle Crashes 2011 to 2013.mxd

Crash Severity

- Killed
- Incapacitating
- Non-Incapacitating

- Possible Injury
- Unknown
- Not Injured
- City Limits

Bicycle Crashes 2011 to 2013



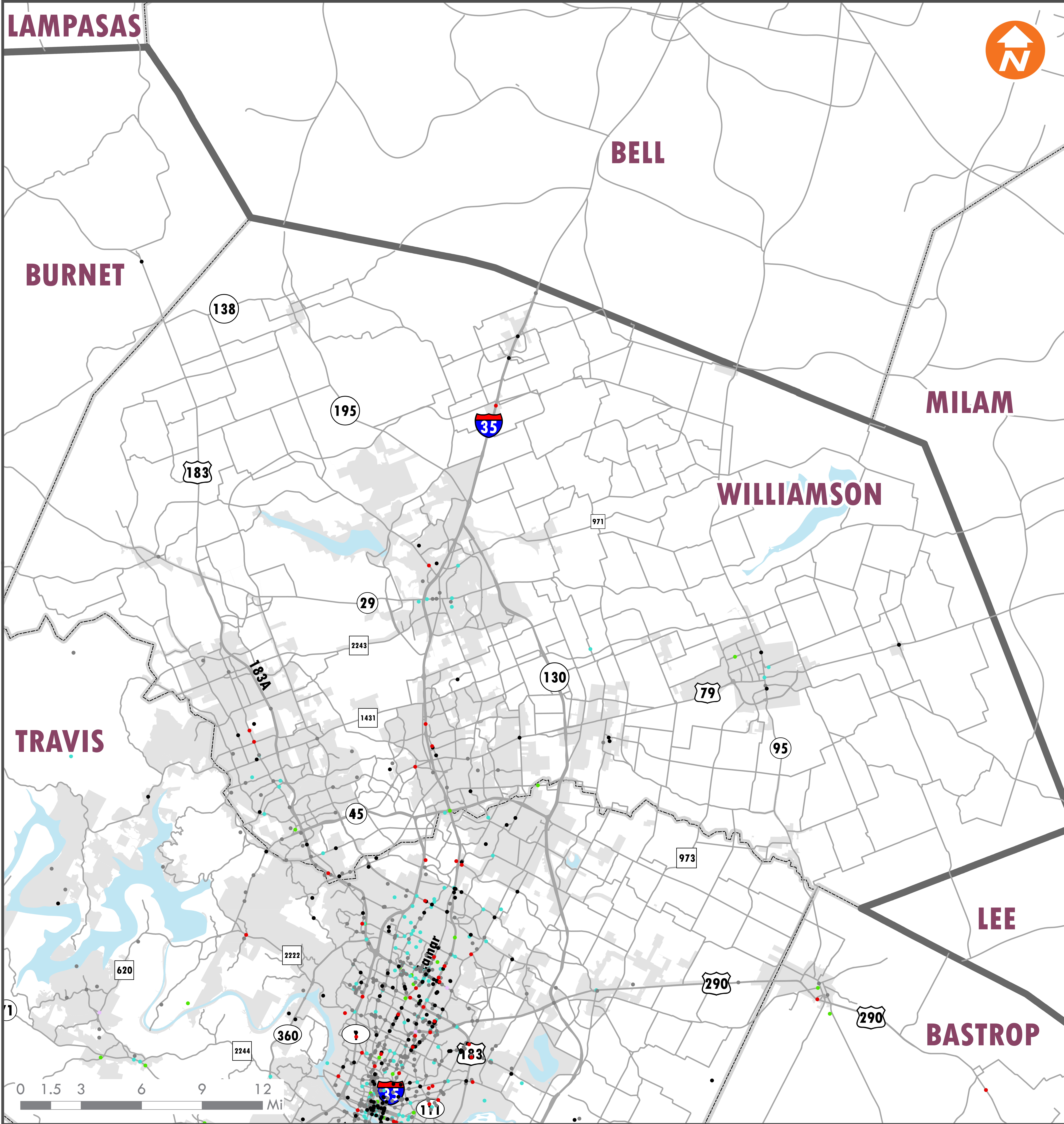
This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: TxDOT
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Bicycle Crashes 2011 to 2013.mxd

Crash Severity

- Fatal (1 ct.)
- Incapacitating Injury (13 ct.)
- Non-Incapacitating Injury (47 ct.)

- Possible Injury (12 ct.)
- Unknown (2 ct.)
- Not Injured (11 ct.)
- City Limits

Pedestrian Crashes 2011 to 2013



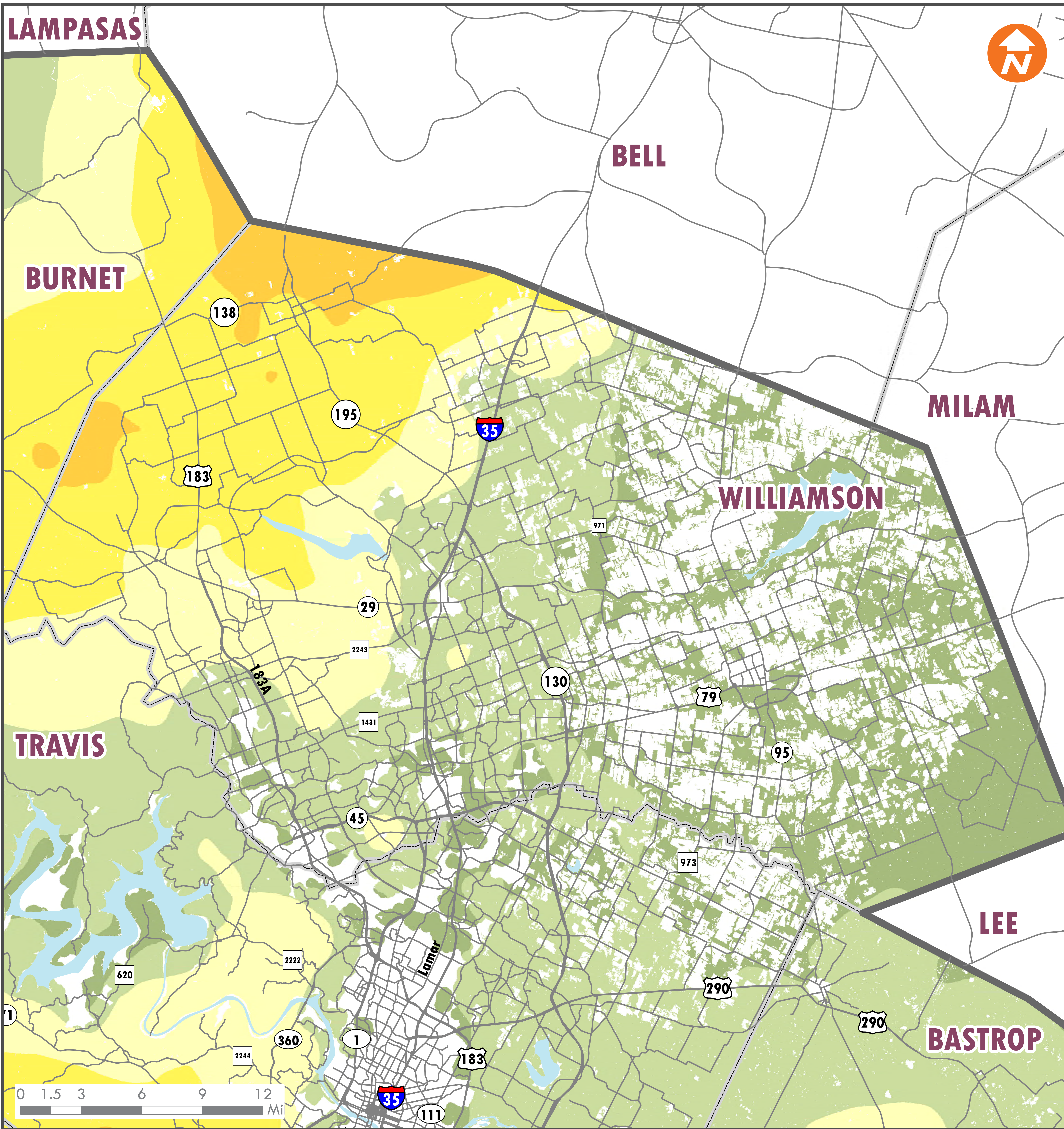
This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: TxDOT
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Pedestrian Crashes 2011 to 2013.mxd

Crash Severity

- Fatal (8 ct.)
- Incapacitating Injury (28 ct.)
- Non-Incapacitating Injury (43 ct.)

- Possible Injury (16 ct.)
- Unknown (0 ct.)
- Not Injured (3 ct.)
- City Limits

Wildfire Threat

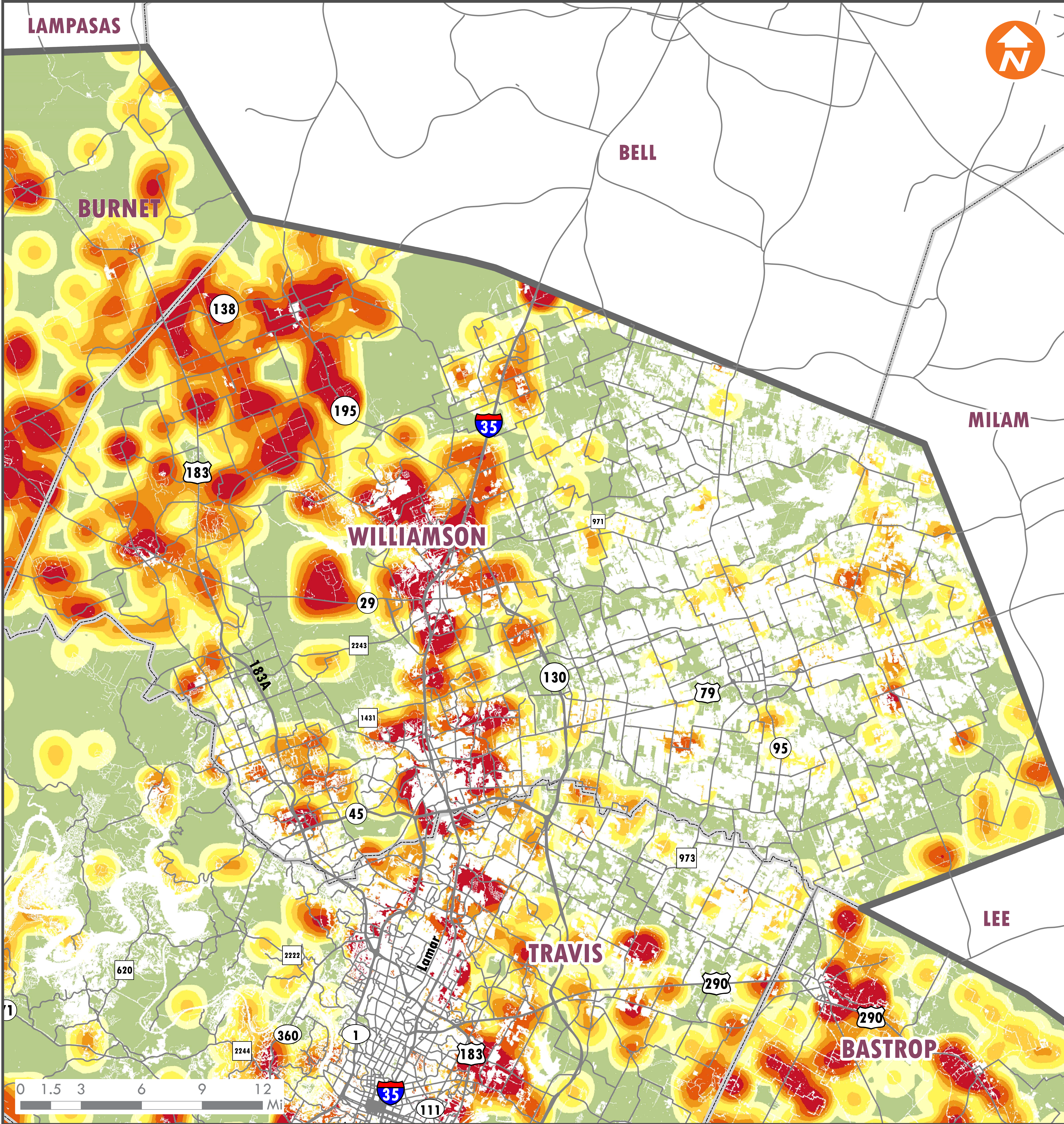


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: Texas A&M Forest Service
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Wildfire_Threat.mxd

- | | |
|--------------|---------------|
| 1 (Low) | 5 (High) |
| 2 | 6 |
| 3 (Moderate) | 7 (Very High) |
| 4 | |

Wildfire Ignition Density 2005 to 2009

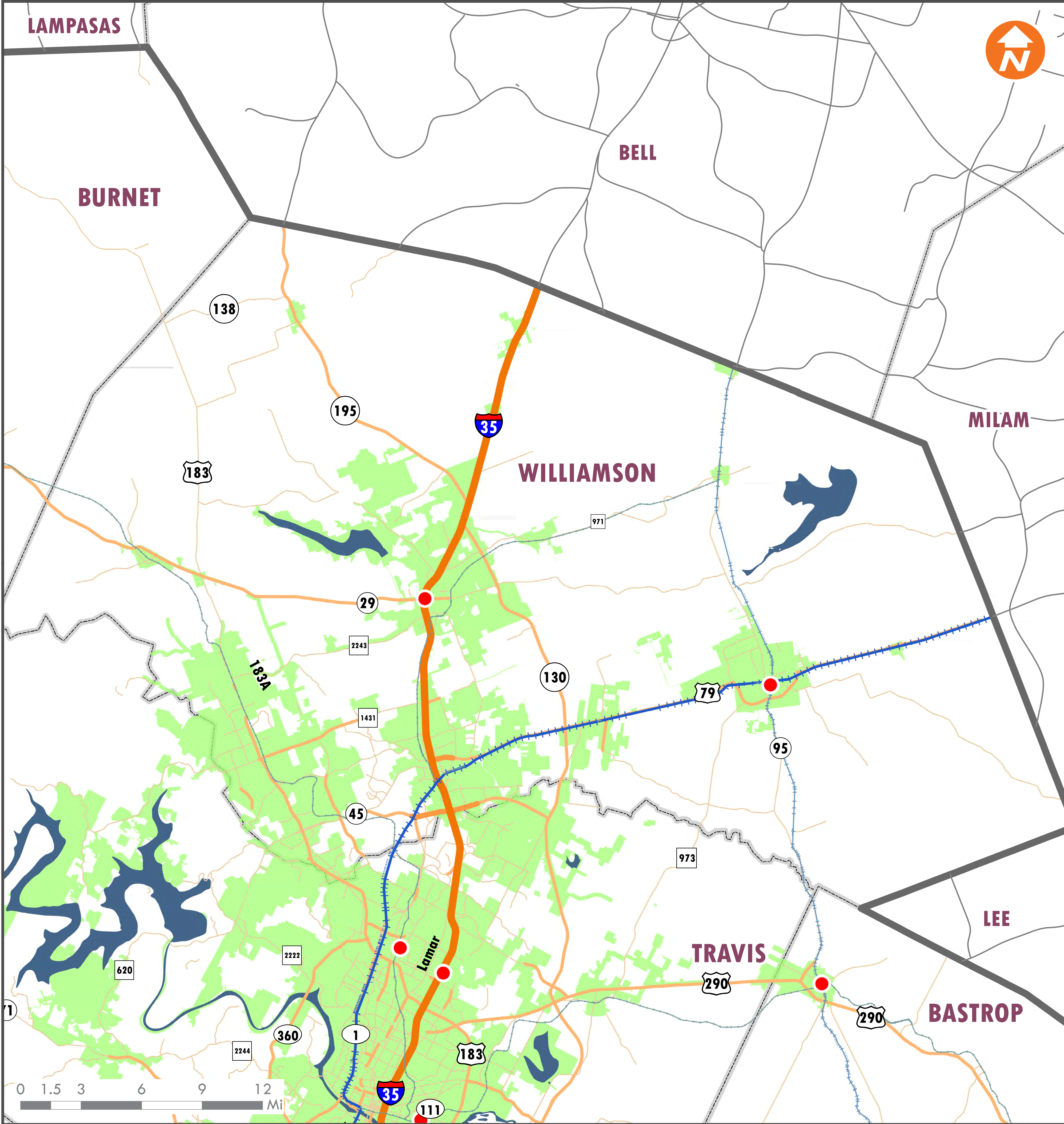
Williamson County
Date: 4/8/2015



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Data Source: Texas A&M Forest Service, Wildfire Risk Assessment



Freight Corridors



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Data Sources: CAPCOG, TxDOT, CMTA, NTAD

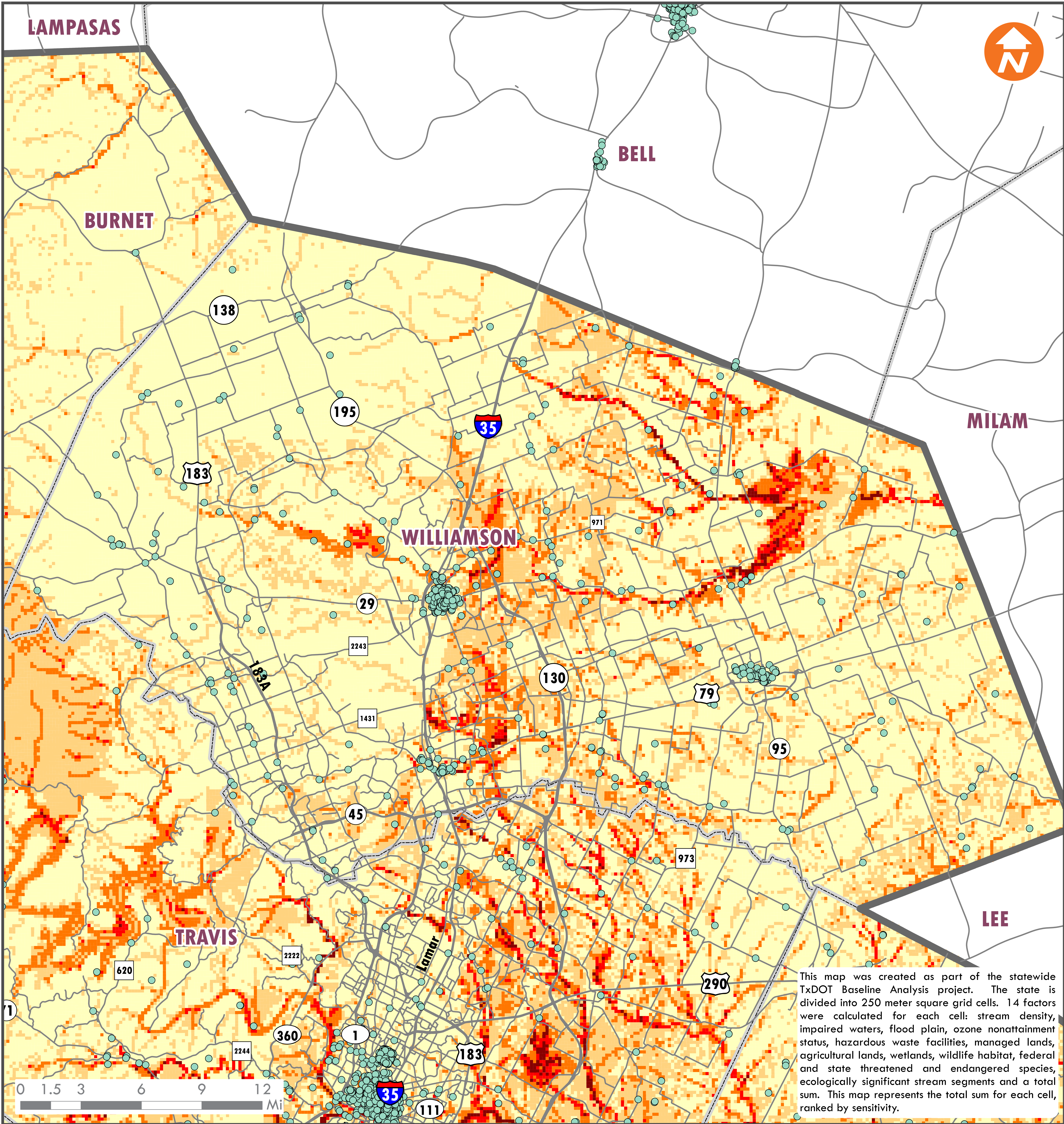
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Freight Corridors.mxd

(Million Gross Ton-Miles per Mile (MGT/M)) Truck_Volumes

- < 5 MGT/M
- 5 - 10 MGT/M
- 10.1 - 20 MGT/M
- 20.1 - 40 MGT/M

- 100 - 1,000
- 1,001 - 5,000
- 5,001 - 10,000
- > 10,000

- Intermodal Facilities
- Cities
- Lakes/Rivers



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Data Source: TxDOT, Texas Historical Commission
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Environmental Sensitivity Analysis with Historic Sites.mxd

GISST: Sum Score

13 - 23: low concern

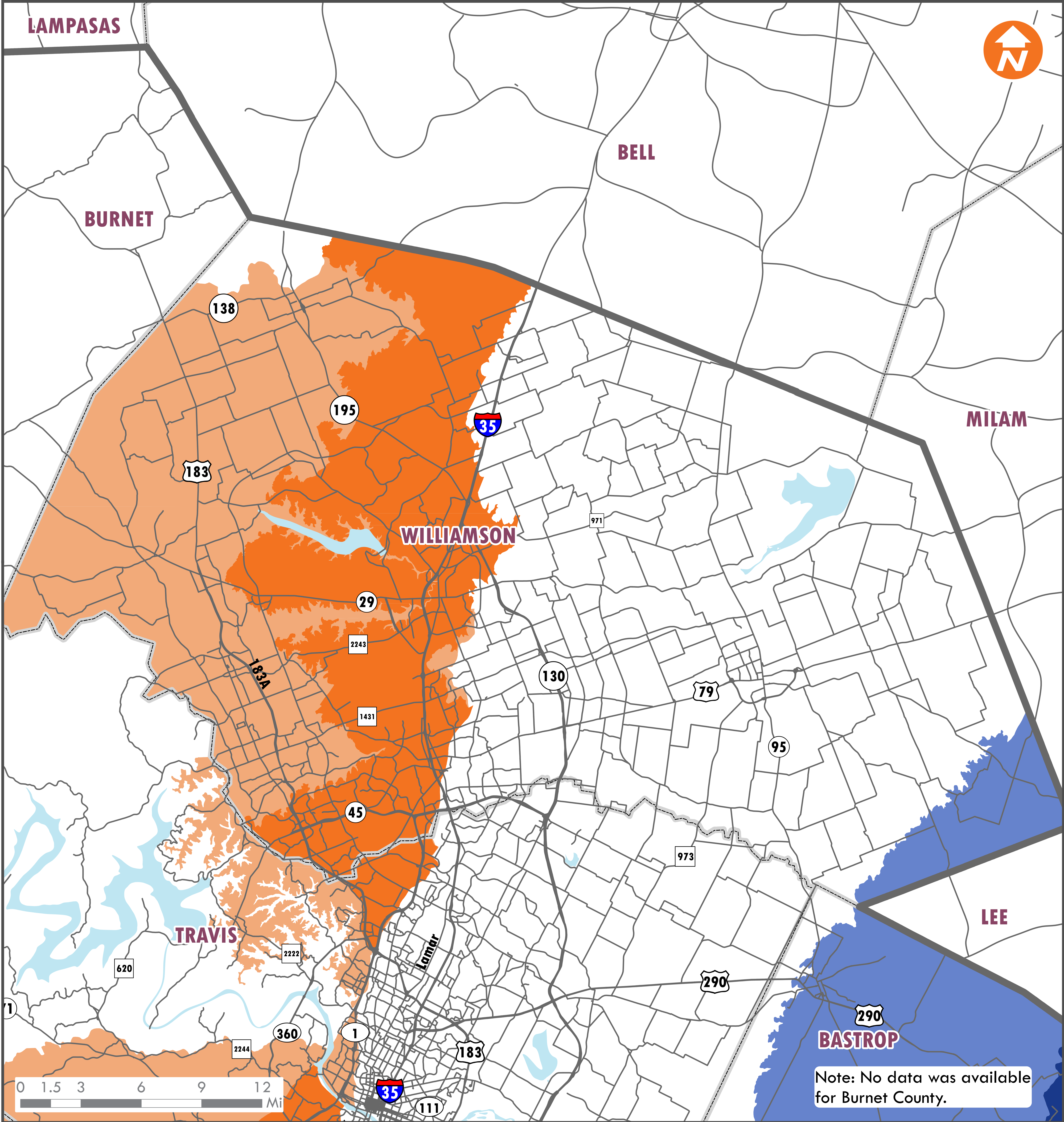
24 - 28

29 - 33: medium concern

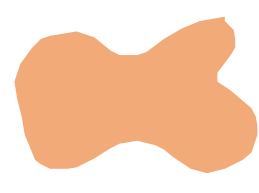



34 - 37

38 - 50: high concern

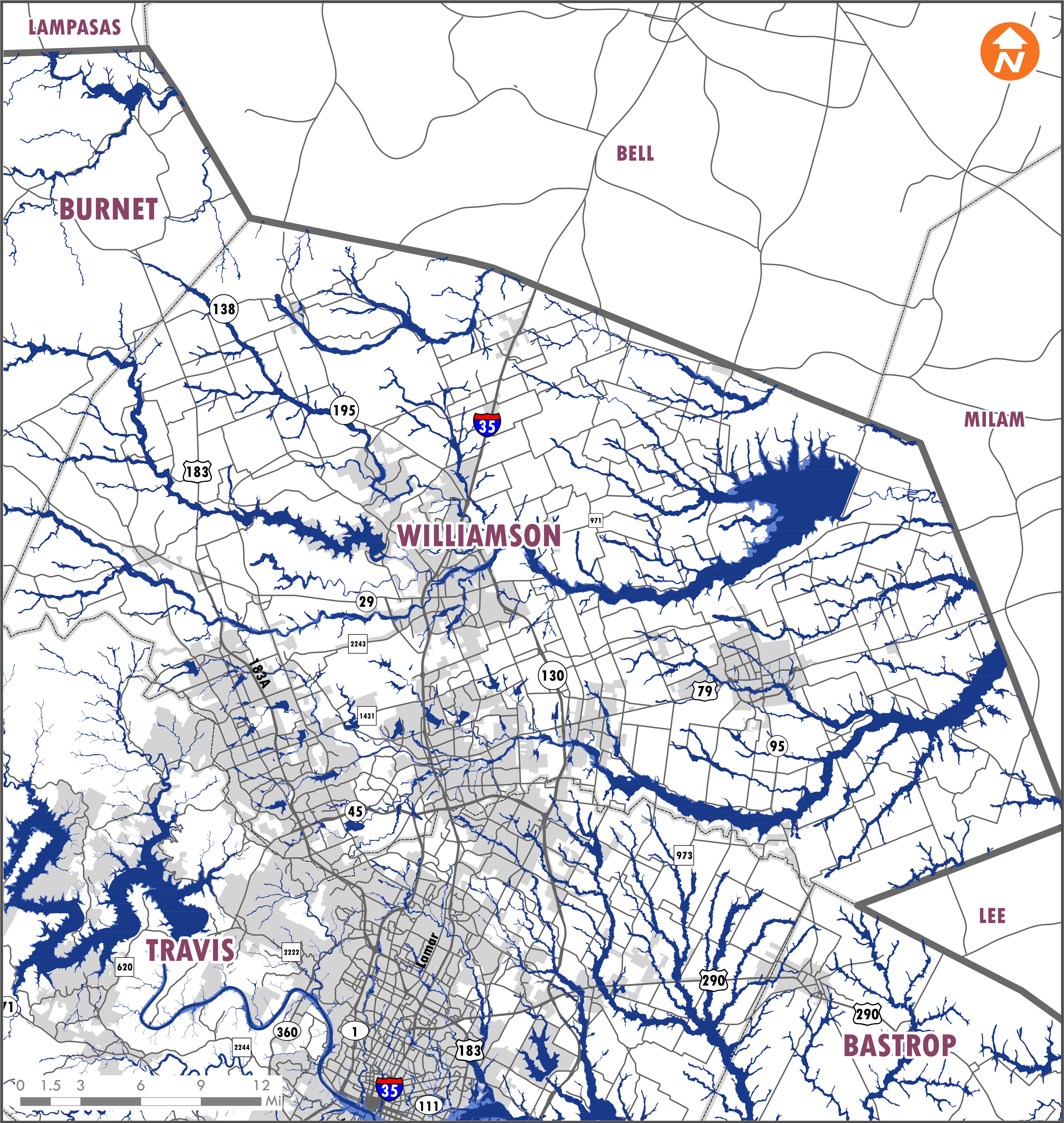
Historic Places



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: TWDB, City of Austin
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Aquifer Recharge and Contributing Zones.mxd

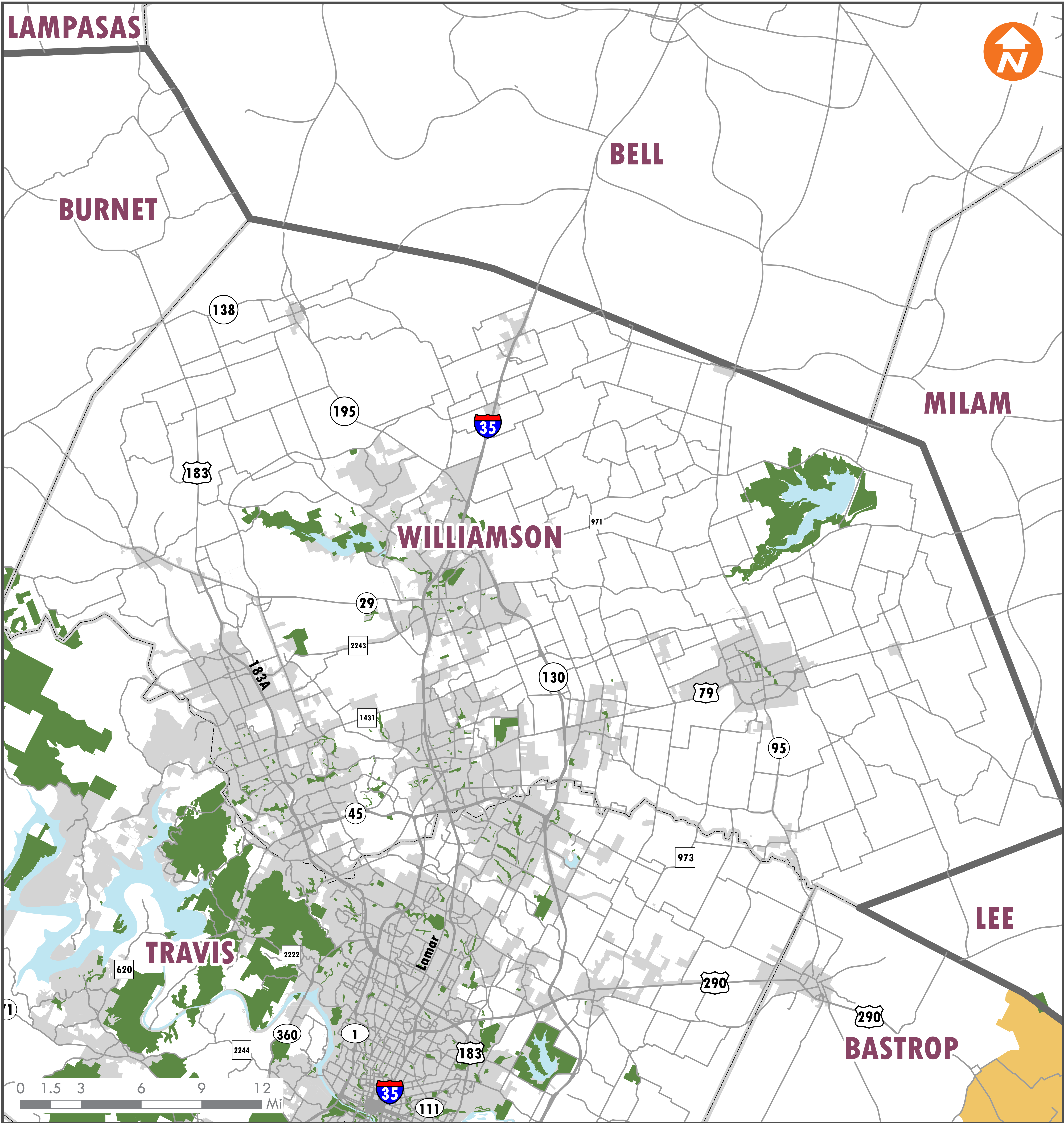
-  Edwards Aquifer Contributing Zone
-  Edwards Aquifer Recharge Zone
-  Carrizo-Wilcox Contributing Zone
-  Carrizo-Wilcox Recharge Zone

FEMA Flood Plains

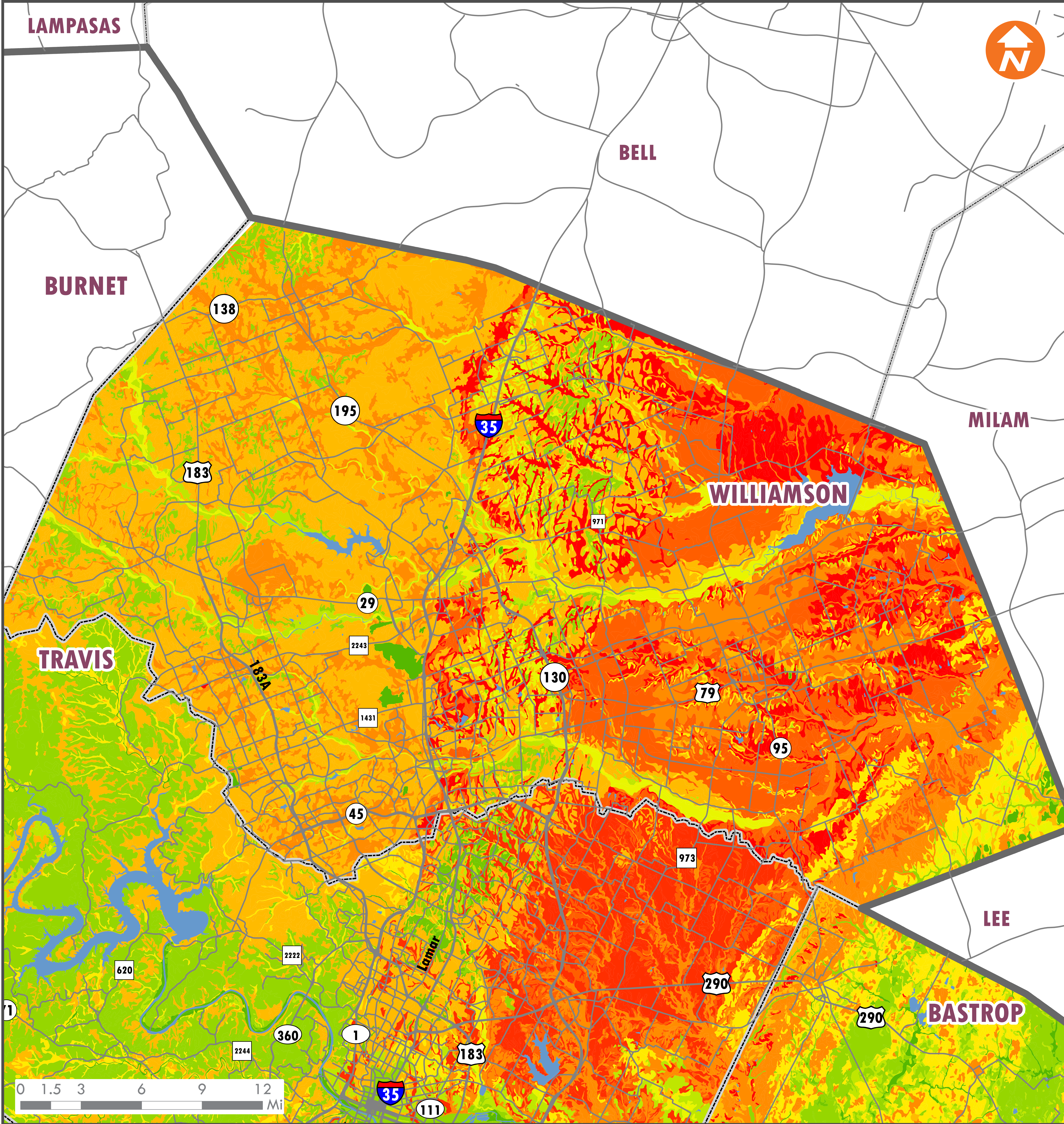


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: FEMA
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\FEMA Flood Plains.mxd

- 100 Year Flood Plain
- 500 Year Flood Plain
- City Limits



Soil Plasticity

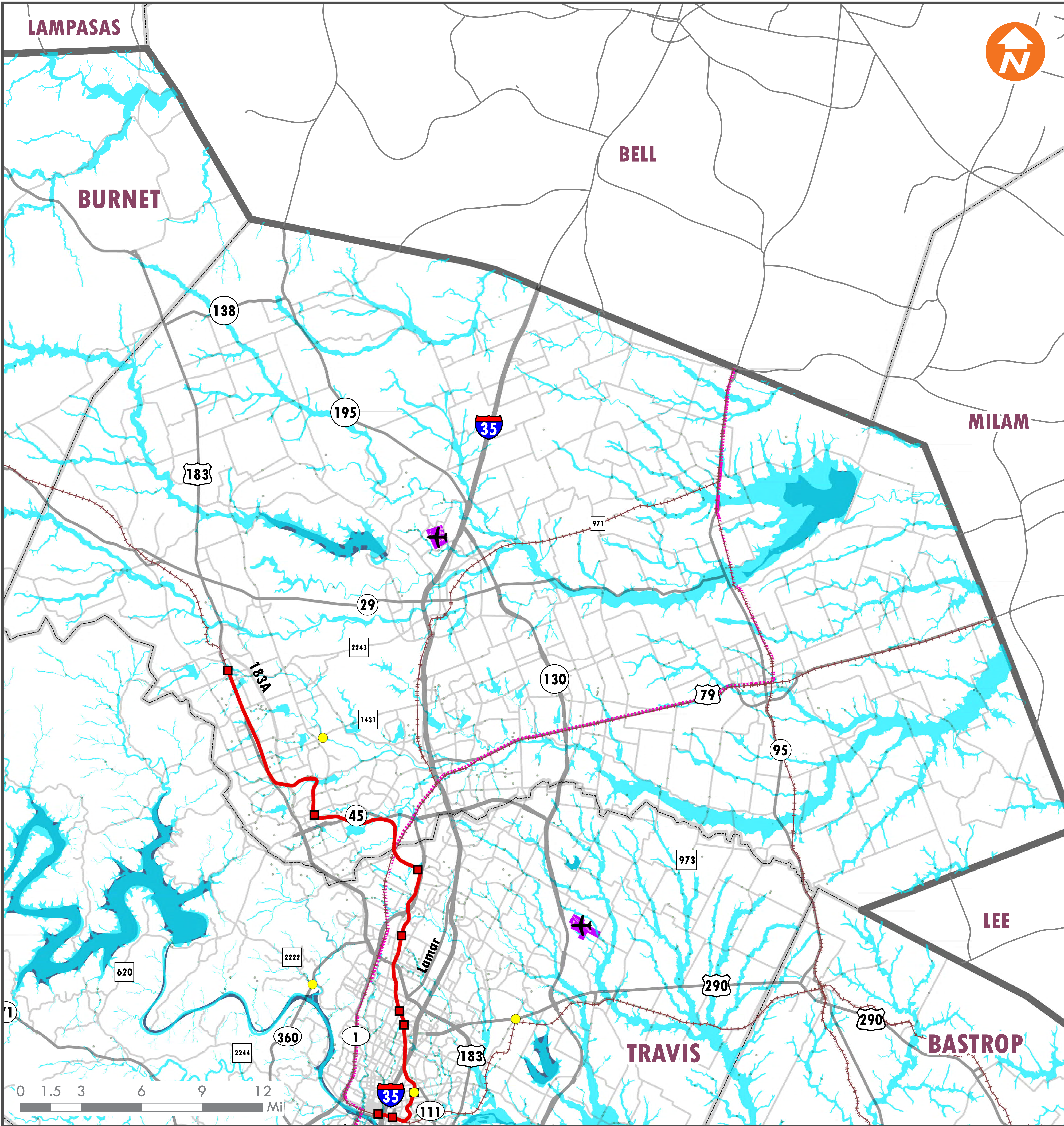


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Sources: CAPCOG, TxDOT, CMTA, USDA

Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Soil Plasticity.mxd

Soil Plasticity Index (PI)	
0 - 1	31 - 35
2 - 10	36 - 40
11 - 15	41 - 45
16 - 20	46 - 50
21 - 25	51 - 55
26 - 30	56 - 60

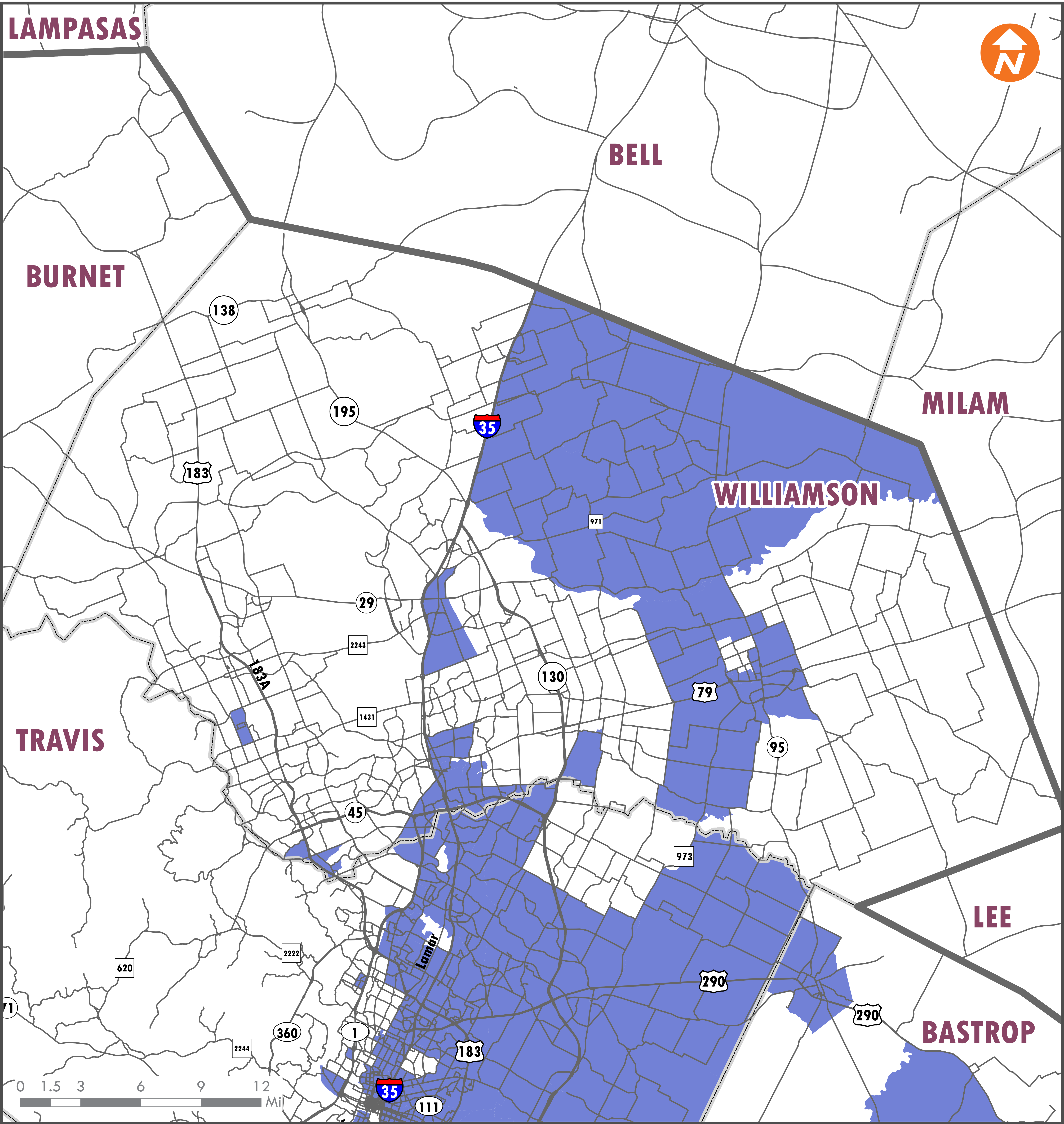
Critical Assets



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Sources: CAPCOG, TxDOT, CMTA

- | | | | |
|--------------------|--------------------|--------------------------|---------------------|
| Airports | MetroRail Route | Interstates | 100 Year Floodplain |
| Critical Assets | Freight Rail Lines | Major Highways | Airport Parcels |
| MetroRail Stations | Amtrak Route | Bridges | Lakes/Rivers |
| | | Other Principal Roadways | |

Environmental Justice Areas

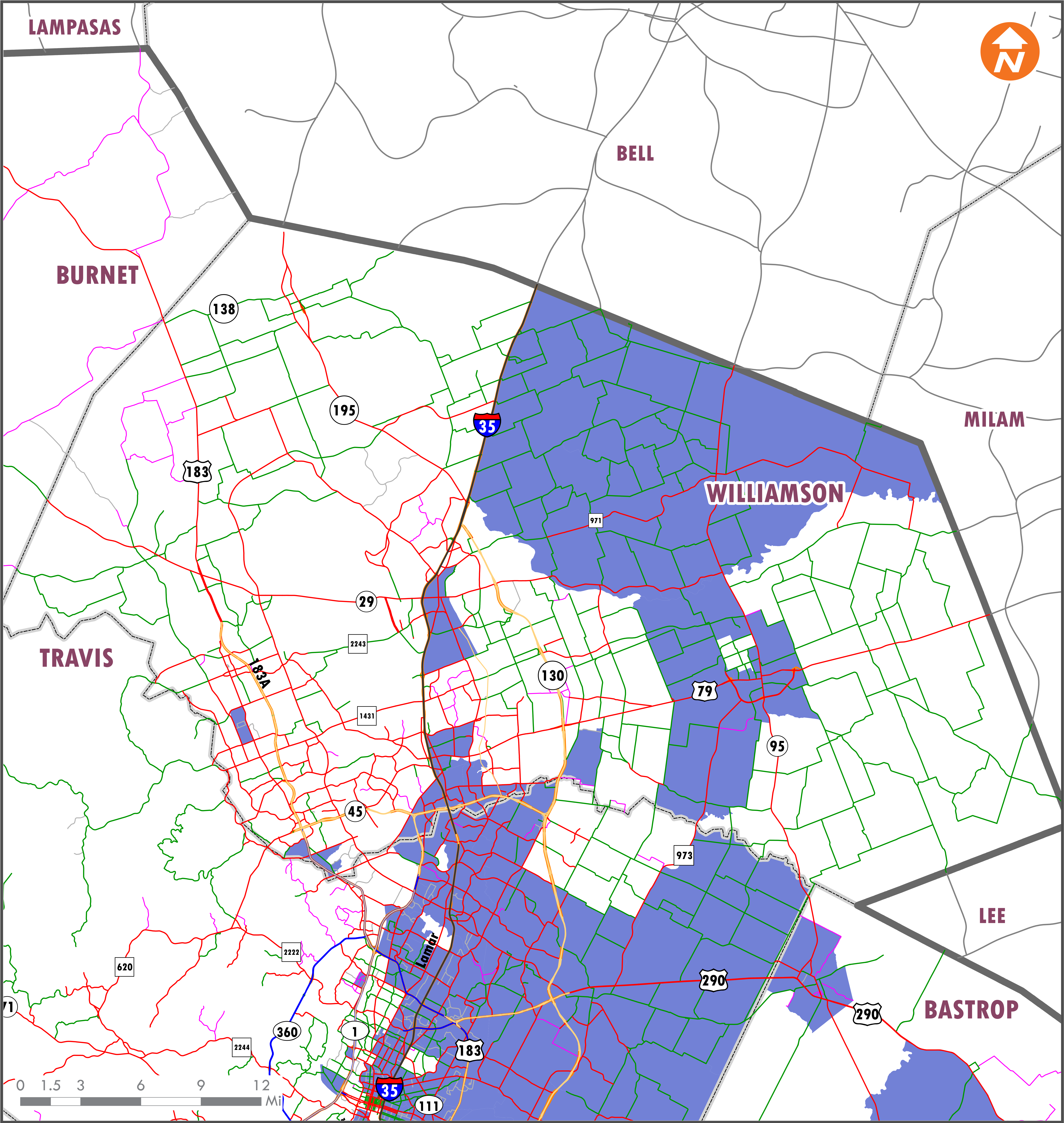


This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: Census Bureau
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Environmental Justice Areas.mxd

Environmental Justice Category

- EJ Area
- Non-EJ Area

Environmental Justice Areas with 2040 Roads



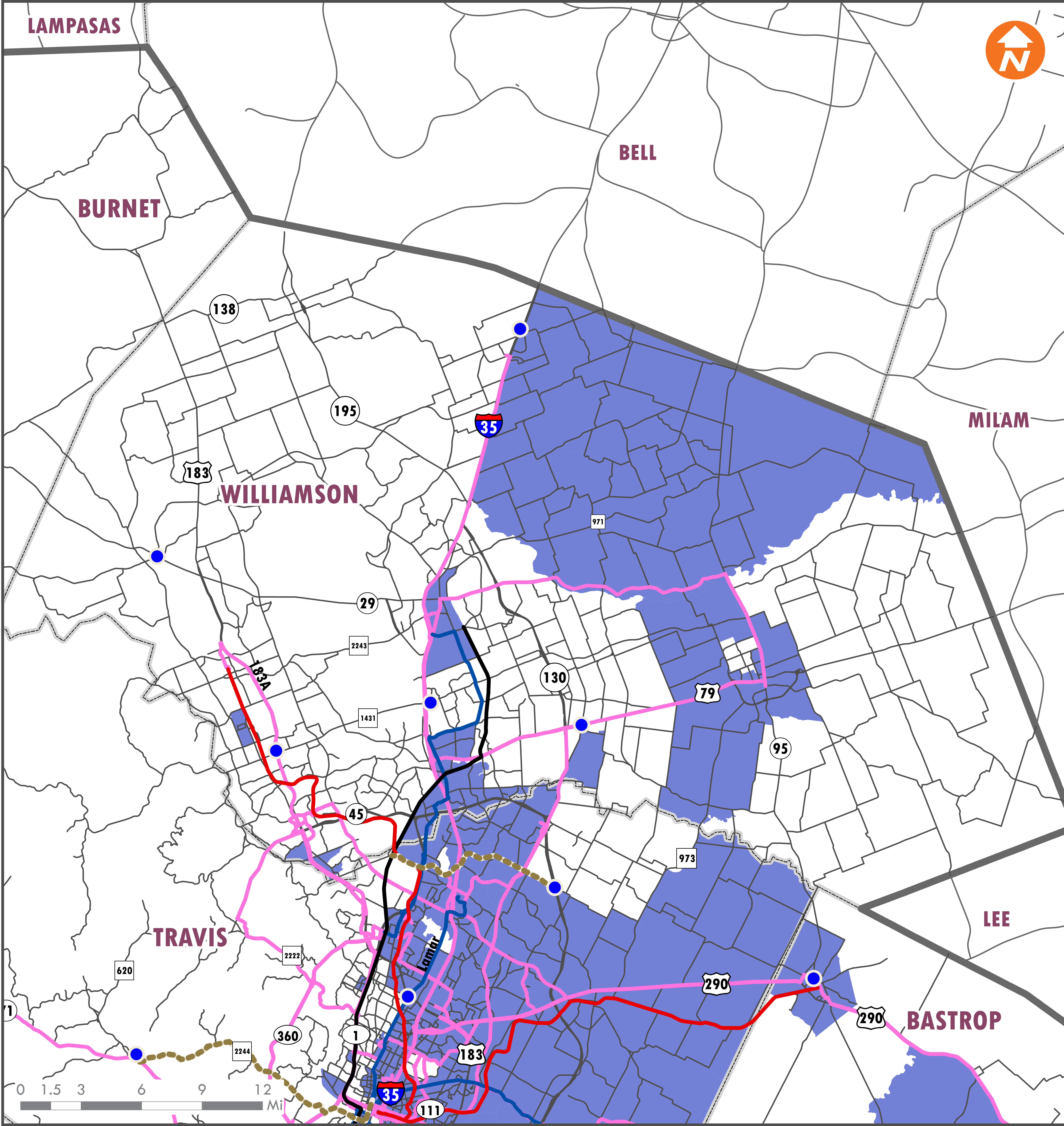
This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: Census Bureau
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Environmental Justice Areas with Roads.mxd

EJ Area Non-EJ Area

Road Type

- | | |
|--|---|
| Interstate | Minor Arterial |
| Freeway/Expressway | Collector |
| Tolloed | Local |
| Principal Arterial | Ramp/Frontage /Direct Connector |

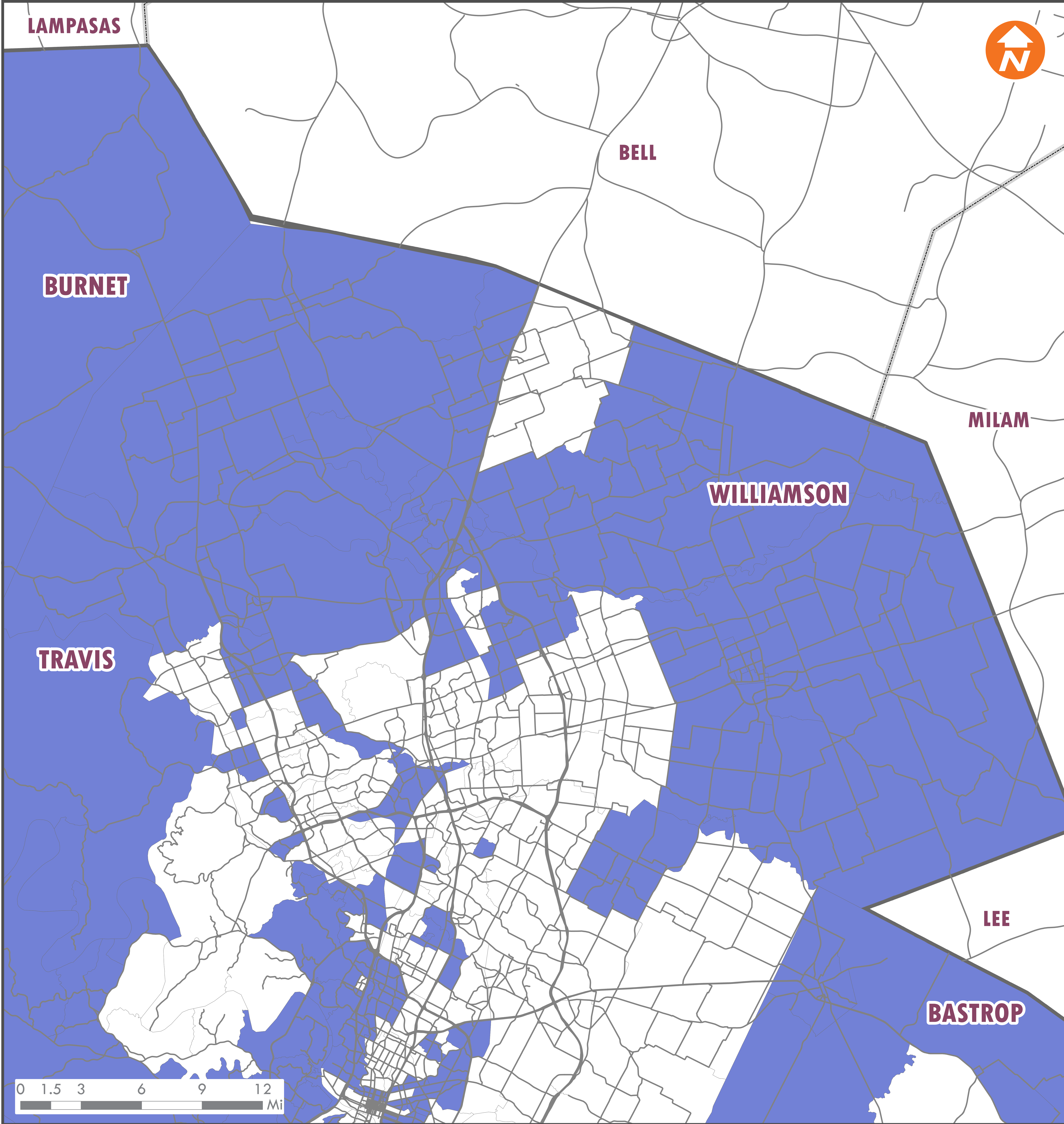
2040 Transit with Environmental Justice



This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: campo@campotexas.org.
Data Source: CAMPO, CapMetro, Census
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Revised Plan Maps\Transit Projects 2040 with EJ_09282015.mxd

- Commuter Rail
- Future Concept
- Intercity Rail
- Express Bus
- Rapid Bus
- Transit Center/
Park and Ride Facility
- Environmental Justice Area

Aging Population



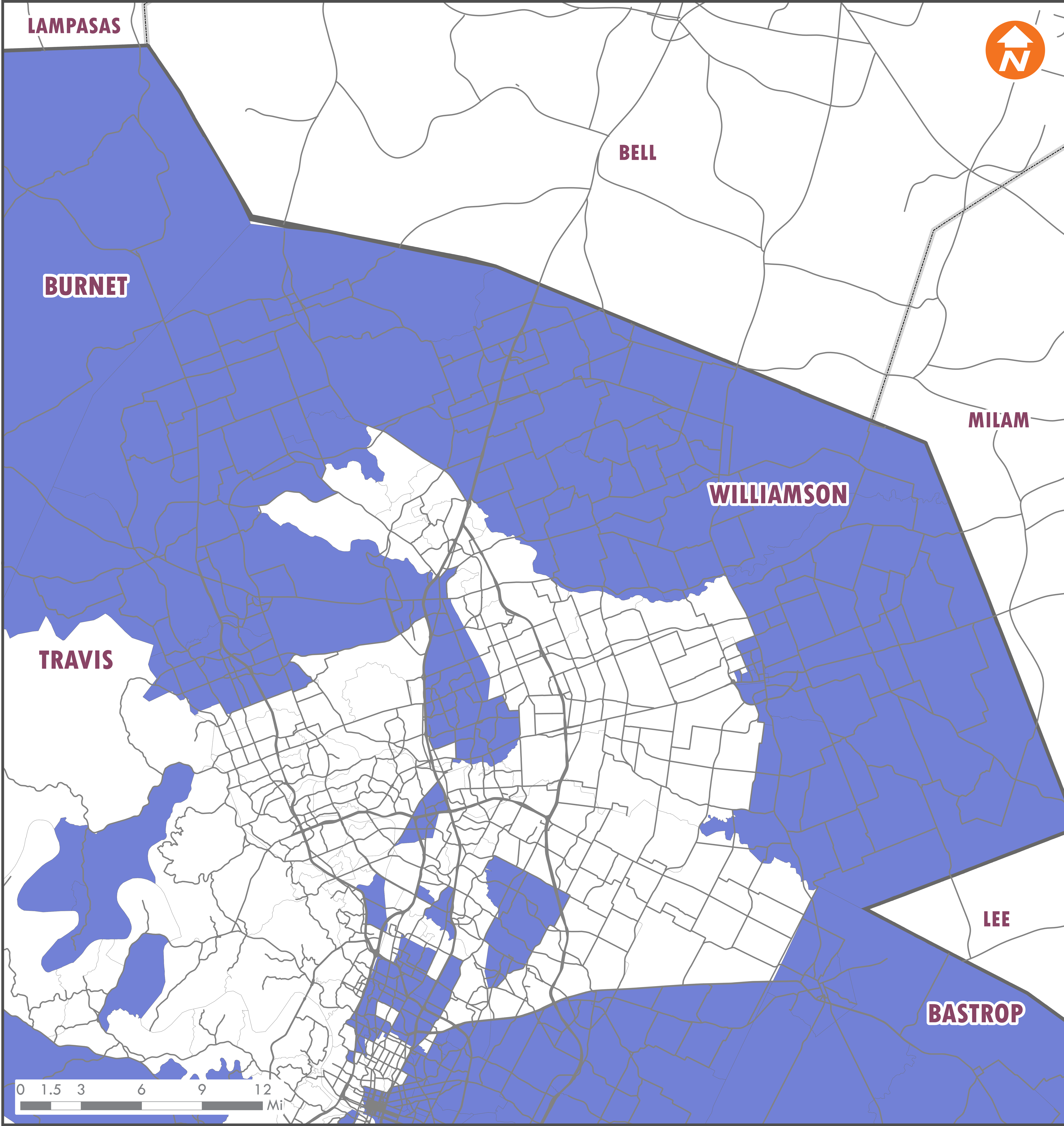
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Data Source: Census
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Aging Population.mxd

**Aging Population as
Percent of Total Population**

> 9%

<= 9%

Disability Population



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Data Source: Census

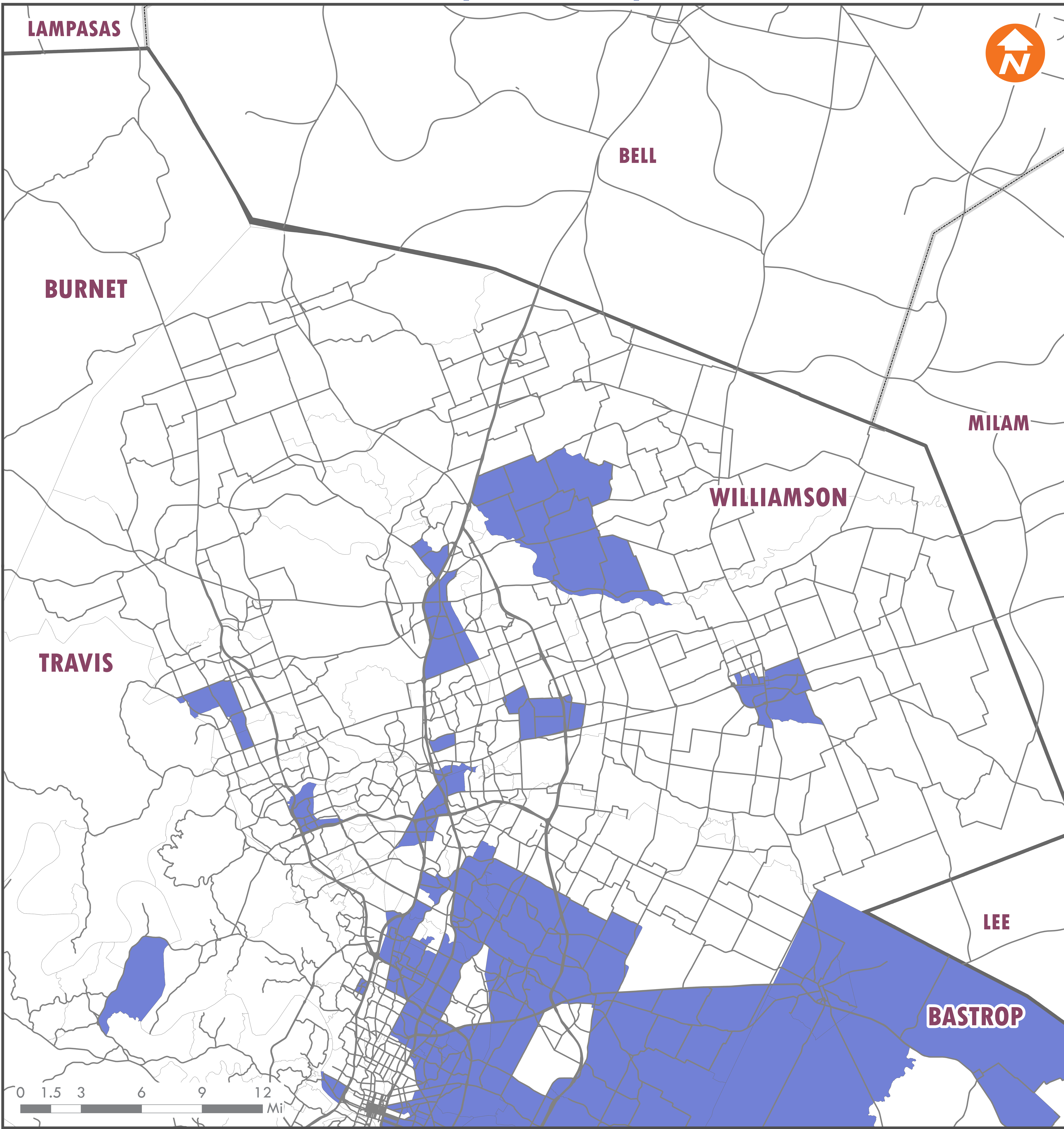
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Disability Population.mxd

Disability Population as Percent of Total Population

- >15%
- <=15%

Limited English Proficiency (LEP) Population

Williamson County
Date: 2/23/2015




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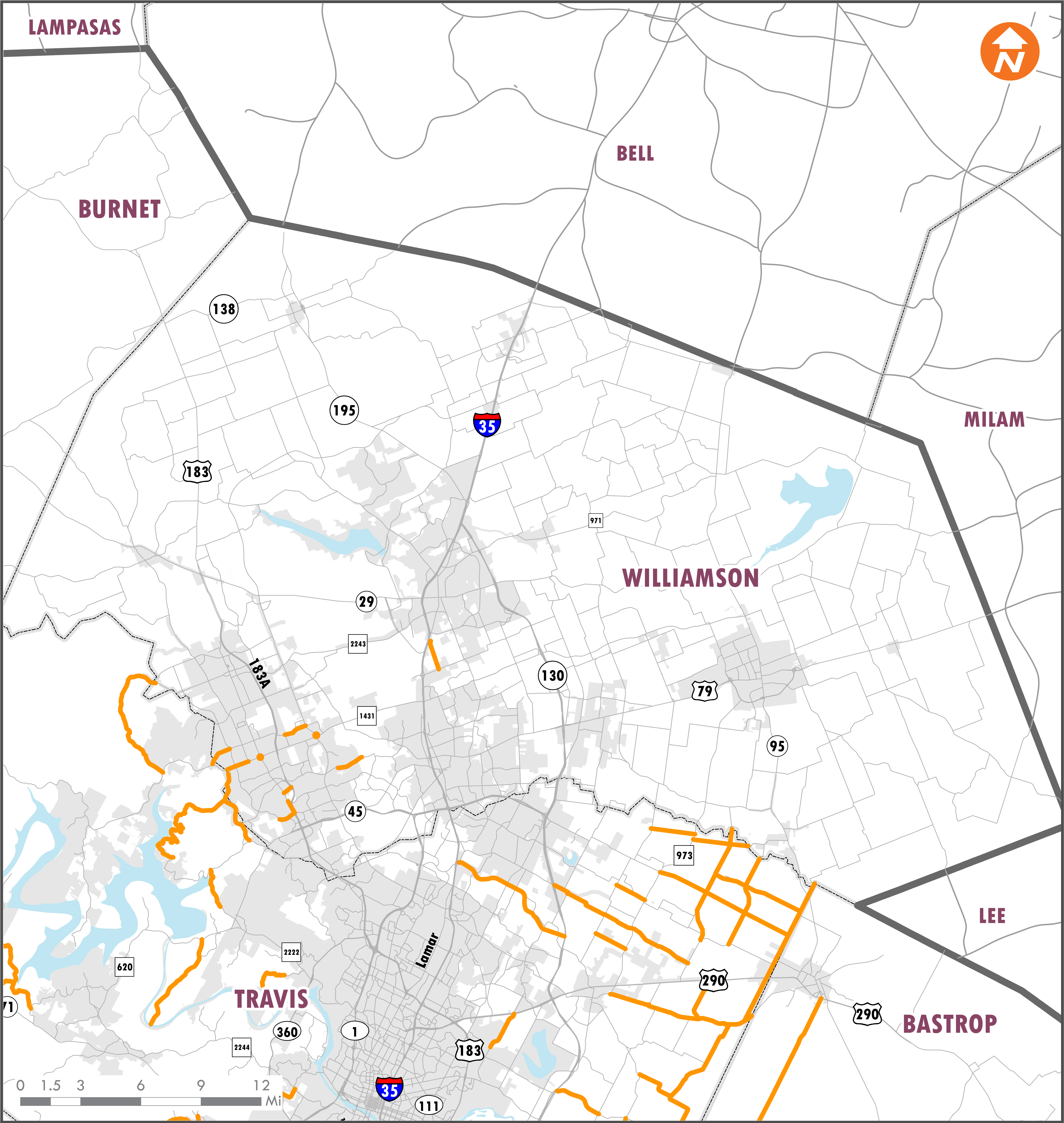
Author: GSG
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\LEP Population.mxd

Limited English Proficiency Percent

 > 10.8%

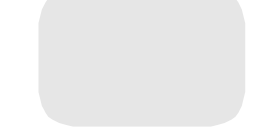
 <= 10.8%

Illustrative Projects



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Category

-  Illustrative
-  City Limits

