

E-Appendix: Plan Maps - Hays County

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Hays County Change in Population Density 2010 to 2040 Date: 3/2/2015 360 **TRAVIS** BLANCO HAYS 32 35 COMAL CALDWELL (123)(80) 20 (130)GUADALUPE **Change in Population Density Bodies of Water** This map was developed by CAMPO for the purpose of aiding (Persons per acre) 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 =>0 and <2 receive the GIS layers found on this map send your request to: =>2 and <5 campo@campotexas.org. =>5 and <10

=>10 and <20

=>20

Data Source: CAMPO

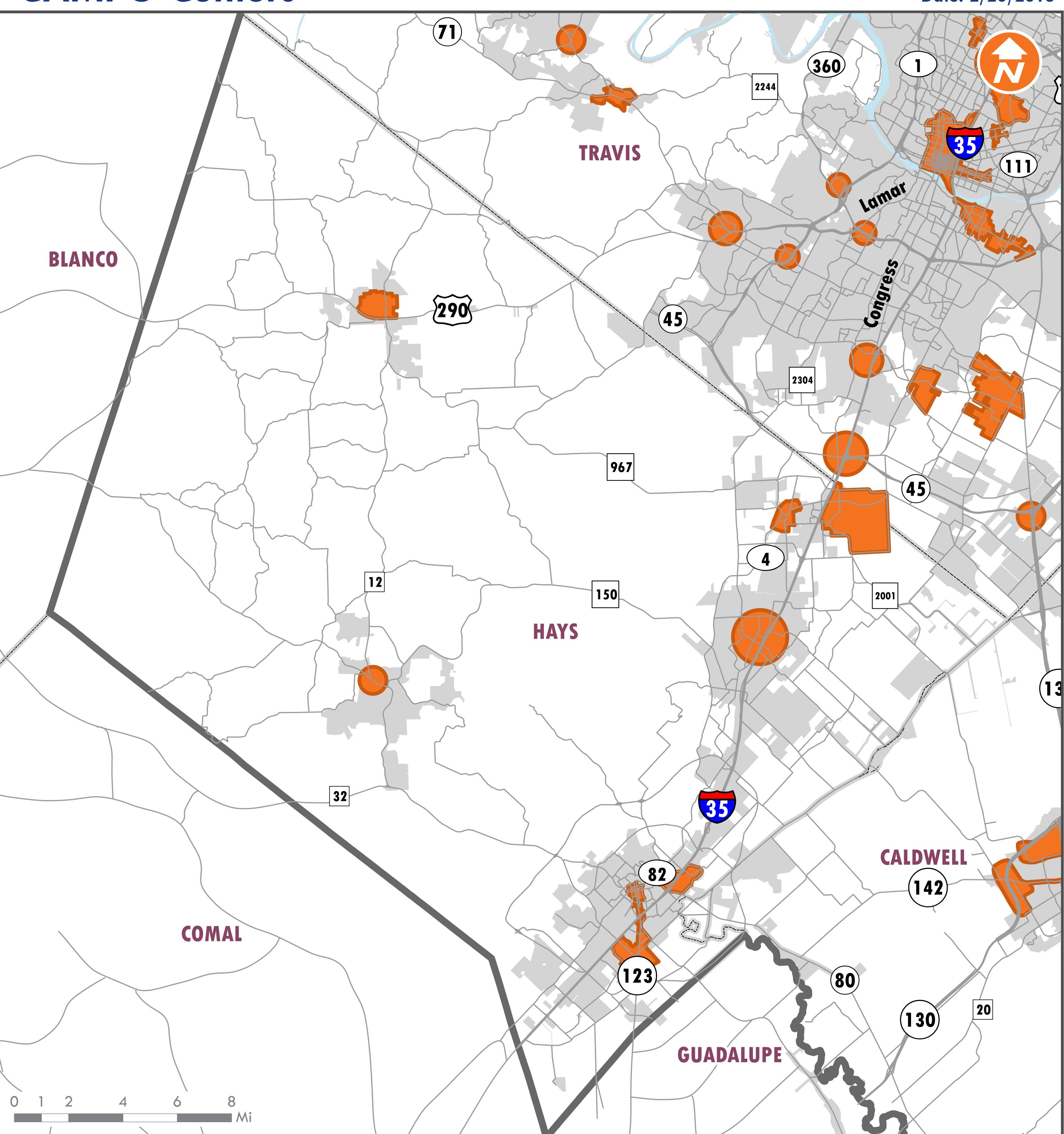
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Change in Population Density 2010 to 2040.mxd

Author: GSG

Hays County Change in Employment Density 2010 to 2040 Date: 3/10/2015 360 TRAVIS BLANCO Lamar HAYS 32 35 82 COMAL CALDWELL **123**) (80) 20 (130)GUADALUPE **Change in Employment Bodies of Water** This map was developed by CAMPO for the purpose of aiding Density (Employees per acre) 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 >0 and <2 receive the GIS layers found on this map send your request to: >2 and <5 campo@campotexas.org. >5 and <10 Data Source: CAMPO >10 and <20 Author: GSG >20 Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Change in Employment Density 2010 to 2040.mxd

CAMPO Centers

Hays County Date: 2/20/2015



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Data Source: CAMPO

Author: GSG

Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\CAMPO Centers.mxd

2040 Plan Centers

City Limits

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Road Type

Interstate

— Freeway/Expressway

Tolled

Principal Arterial

Minor Arterial

Collector Local

Ramp/Frontage/Direct Connector

City Limits

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Road Type

Tolled

Interstate

Principal Arterial

— Freeway/Expressway

Local

Ramp/Frontage/Direct Connector

City Limits

Minor Arterial

Collector

Author: GSG Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Road Types 2010 2040.mxd

Hays County Congestion Management Process System Date: 2/20/2015 360 BLANCO HAYS 32 COMAL CALDWELL **123**) **(80)** (130) GUADALUPE

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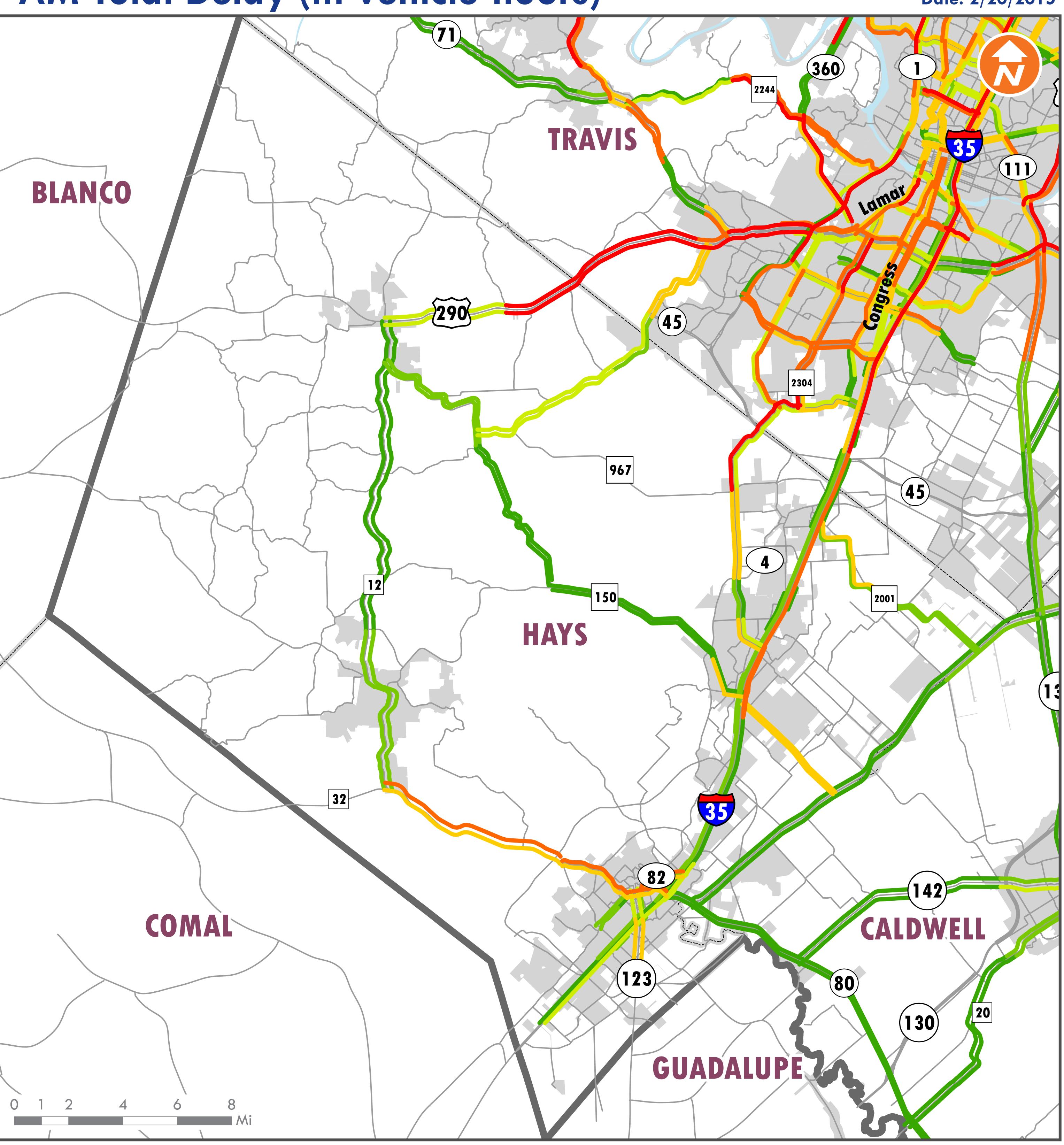
Data Source: TTI

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)

Hays County Date: 2/20/2015



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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
 => 20 and < 40</td>

 --- --- +> 40 and < 80</td>

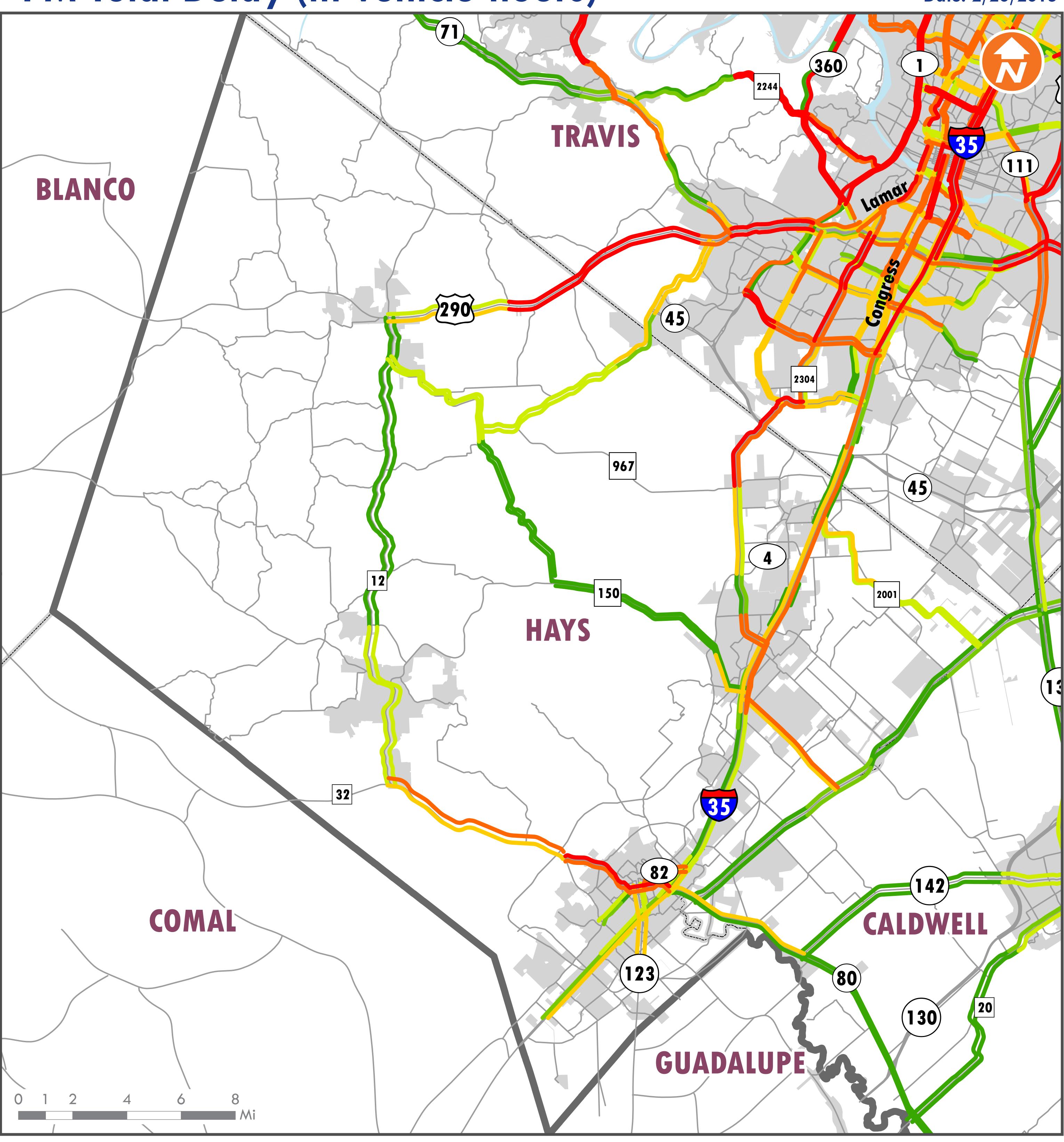
 --- --- +> 80

 --- --- ---

 --- 10 and < 20</td>
 City Limits

PM Total Delay (in vehicle-hours)

Hays County Date: 2/20/2015



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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
 => 20 and < 40</td>

 --- --- +> 40 and < 80</td>

 --- --- +> 80

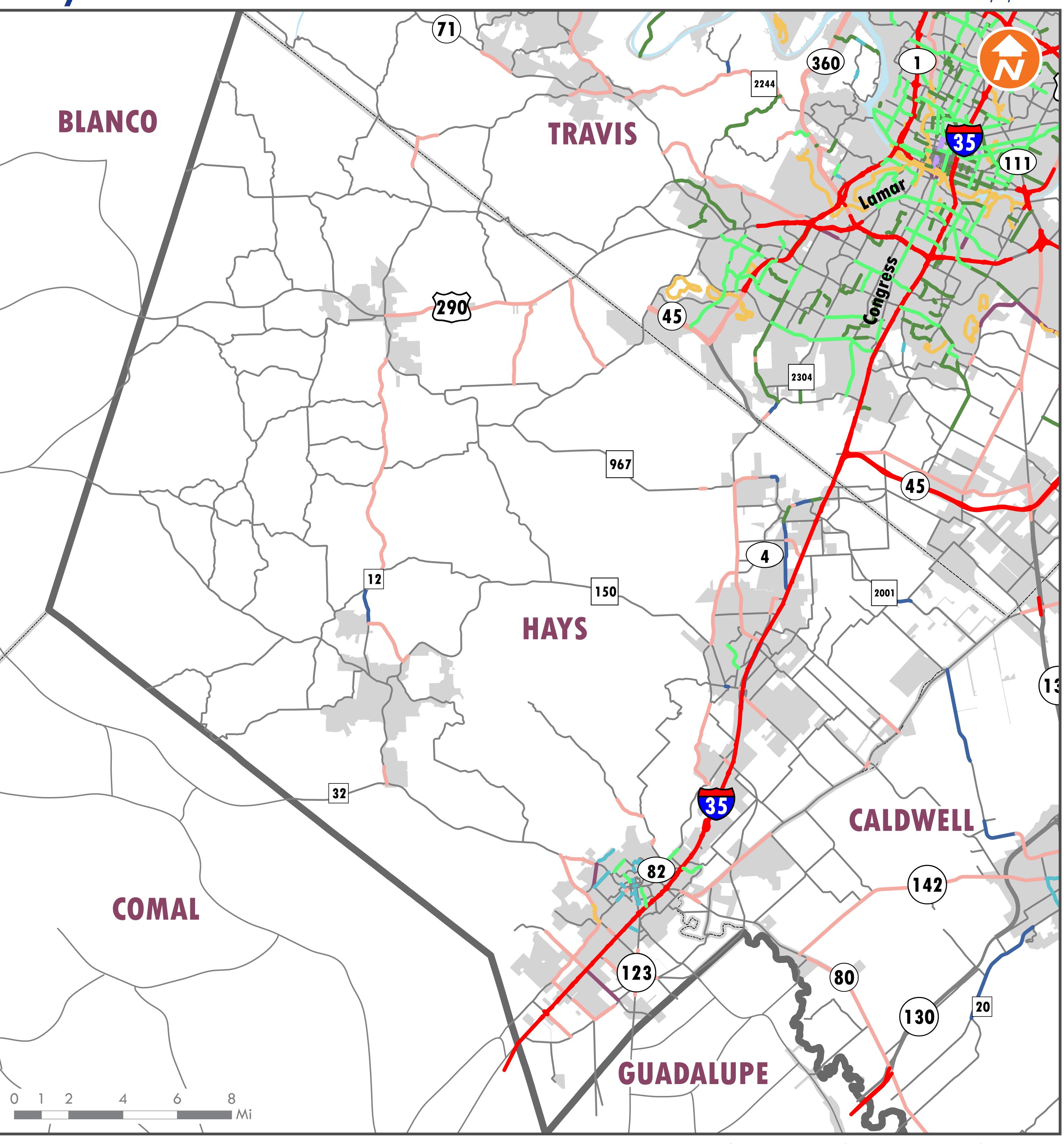
 --- --- ---

 --- 10 and < 20</td>
 City Limits

Hays County Public Transportation Providers Date: 5/5/2015 360 2244 TRAVIS Lamar **BLANCO** 290 2304 HAYS 32 82 142 CALDWELL COMAL 123) (80) 20 (130)GUADALUPE Urban: Round Rock Demand Response **CAMPO** Boundary This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not Rural: CARTS Area Small Urban: San Marcos Transit (CARTS) warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to Service Gap receive the GIS layers found on this map send your request to: campo@campotexas.org. Urban: Capital Metro - Contract for CARTS Service Data Source: Captial Metro, TTI Author: GSG Del Valle Flex Route Document Path: Z:\2-Data_Development_and_Maintenance\200-GIS\Maps\2040 Plan Maps(MXDs)\Public Review Maps\Public Transportation Prov

Bicycle Facilities 2012

Hays County Date: 4/8/2015



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Data Source: CAMPO

Author: GSG

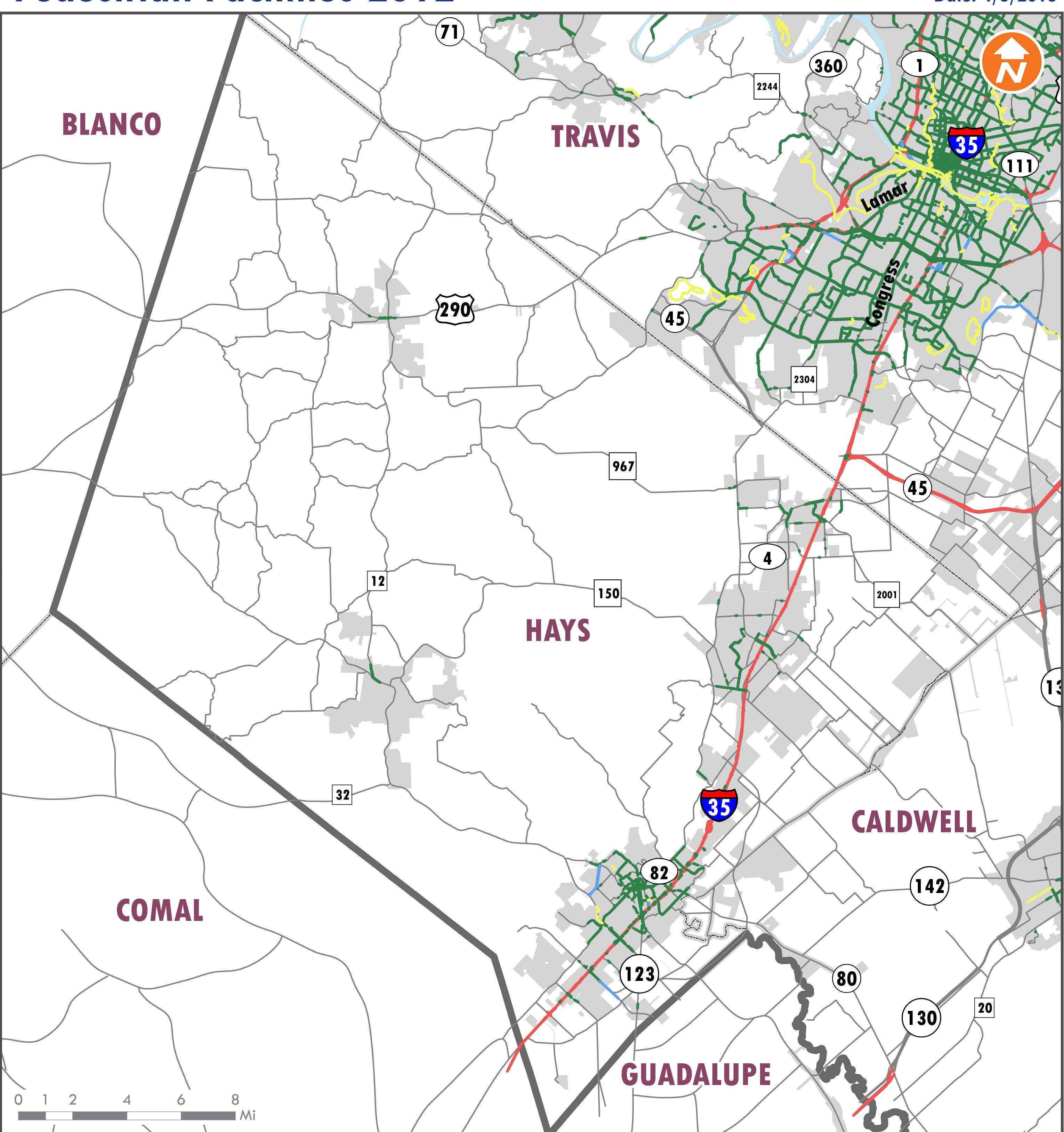
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Bicycle Facilities.mxd

Bicycle Facility

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

 - City Limits

Pedestrian Facilities 2012



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Data Source: CAMPO

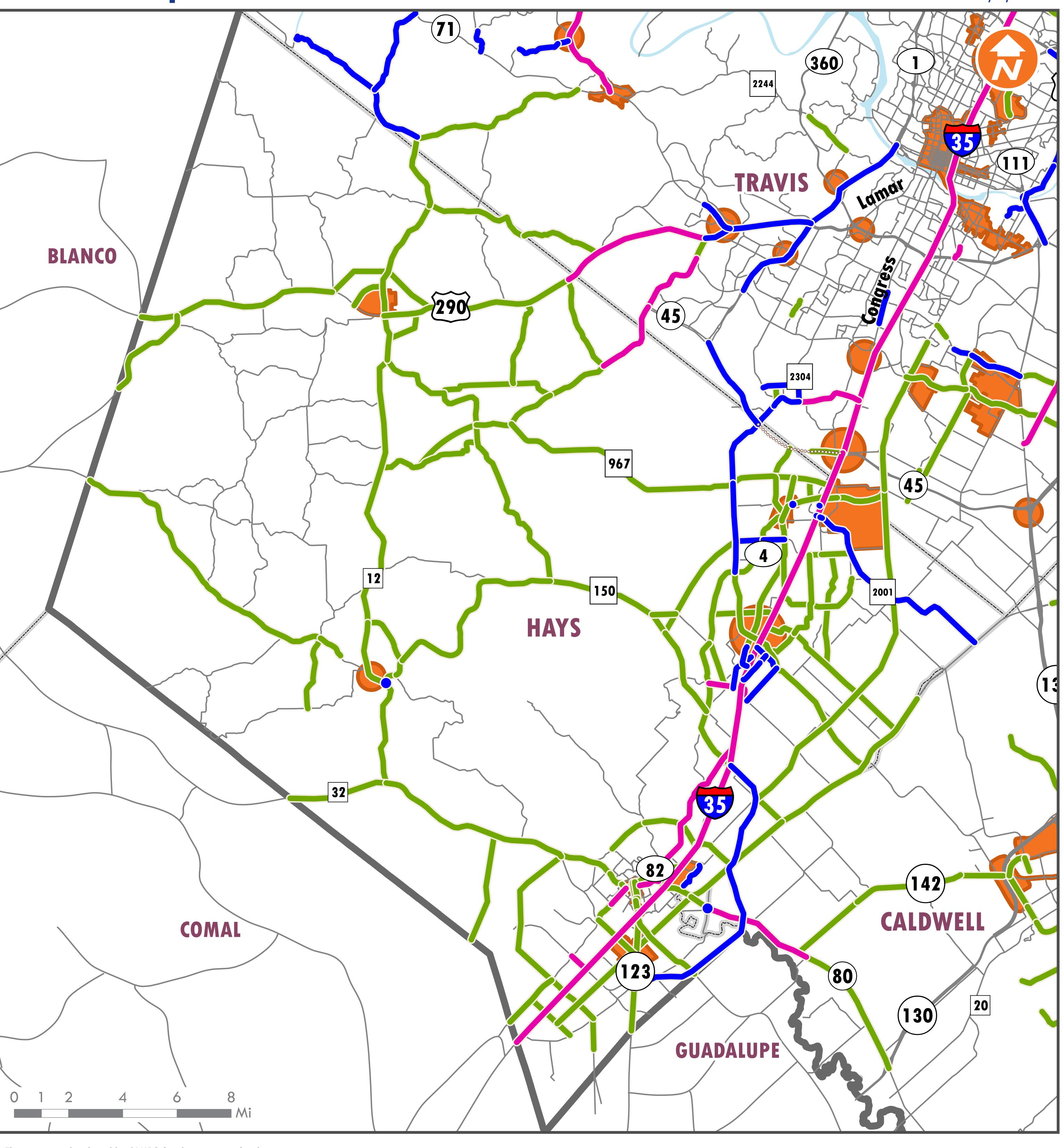
Author: GSG Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Pedestrian Facilities.mxd

Pedestrian Facility

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

Road Projects 2040 with Centers

Hays County Date: 9/8/2015



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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

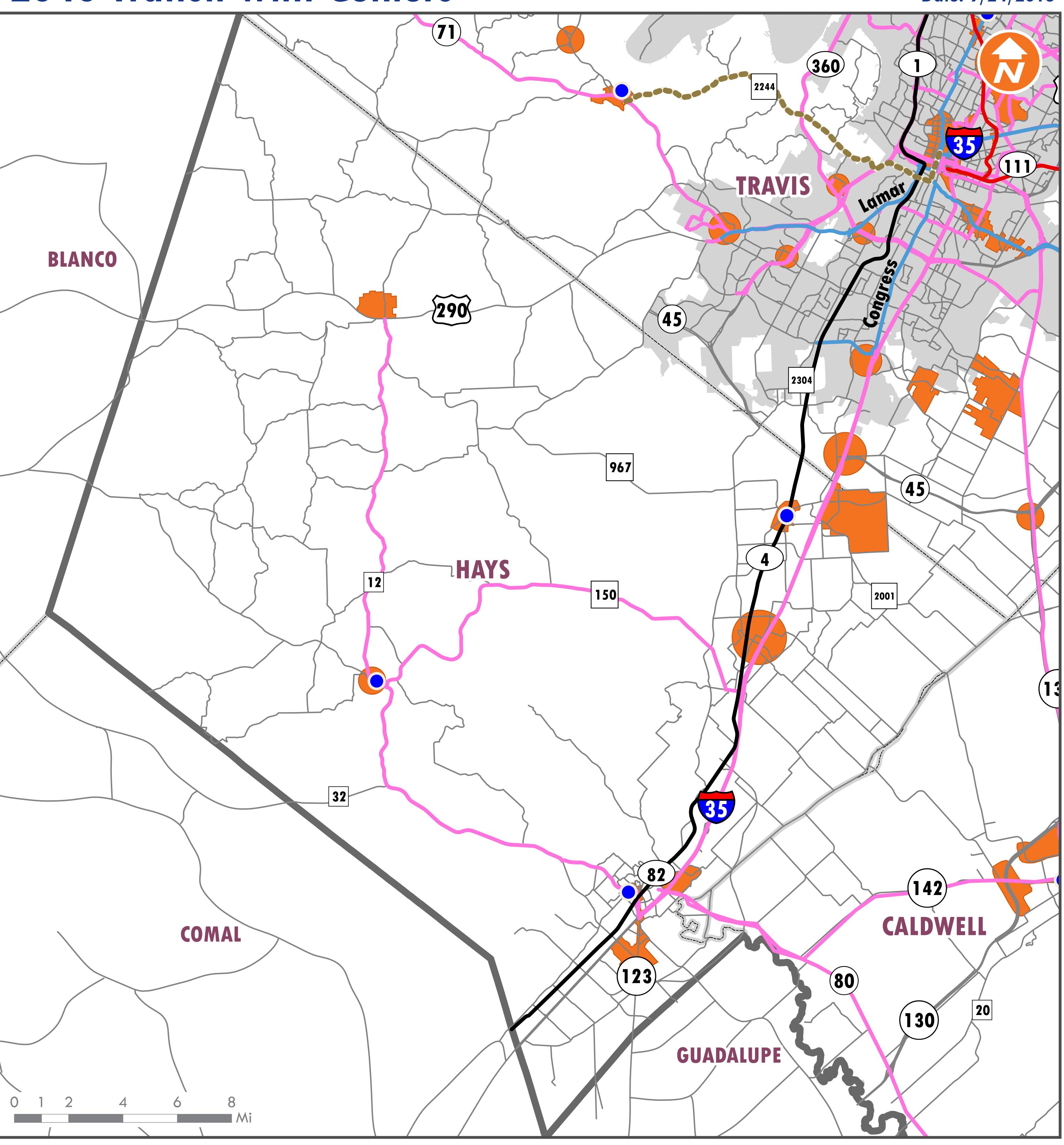
Preferred

2040 Plan Centers



2040 Transit with Centers

Hays County Date: 9/24/2015



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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

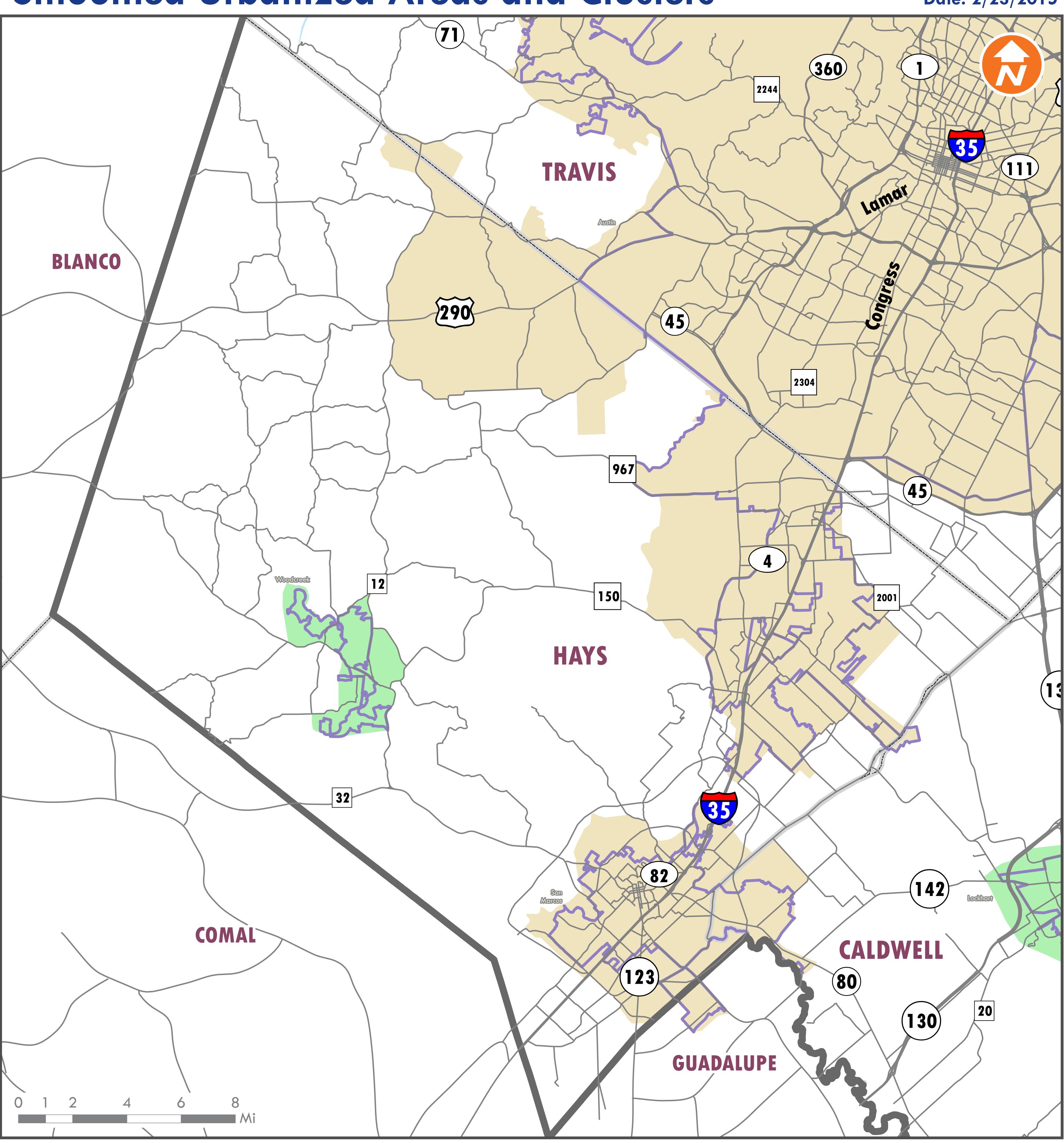
Future Concept • Transit Center/Park & Ride

Intercity Rail Express Bus 2040 Plan Centers **CMTA Service Area**



Smoothed Urbanized Areas and Clusters

Hays County Date: 2/23/2015



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Data Source: CAMPO, Census Bureau

Author: GSG

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Census Urbanized Areas and Clusters

Smoothed Version by Type

Urbanized Area

Urbanized Cluster

Hays County Toll Roads, Managed Lanes, and ITS System Date: 2/25/2015 360 TRAVIS BLANCO Lamar HAYS 35 82 COMAL CALDWELL **(80)** (130) GUADALUPE This map was developed by CAMPO for the purpose of aiding ITS System in regional transportation planning decisions and is not

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

Tolled Express Lanes
Tolled Highways
City Limits

Hays County Date: 2/23/2015 Deficient Bridges (360) TRAVIS BLANCO 35 (142)COMAL (80) 20 (130)GUADALUPE

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Data Source: TxDOT

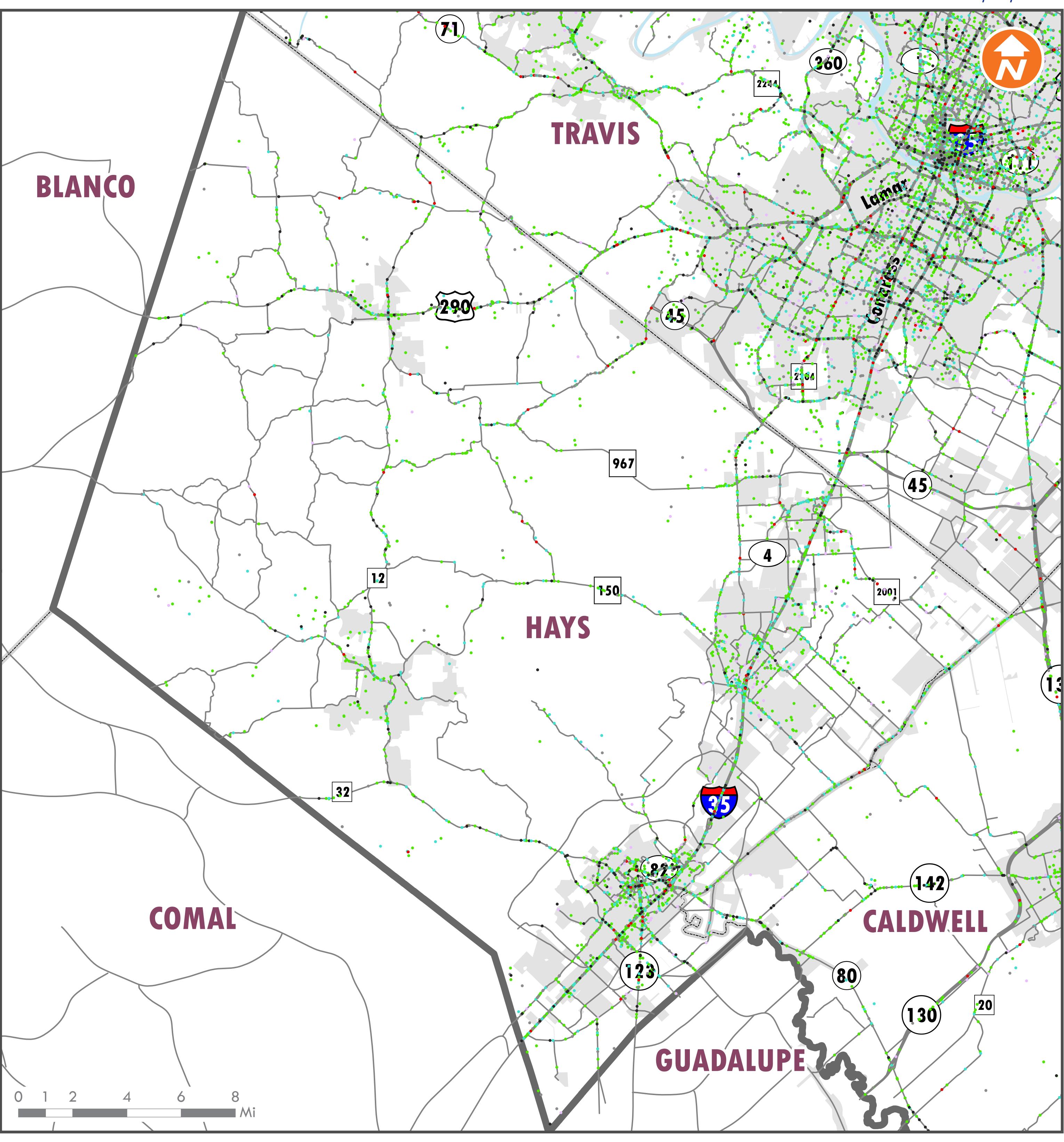
Author: GSG Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Deficient Bridges.mxd

Bridge Category

- Fuctionally Obsolete
- Structurally Deficient
- City Limits

Motor Vehicle Crashes 2011 to 2013

Hays County Date: 2/23/2015



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Data Source: TxDOT

Author: GSG

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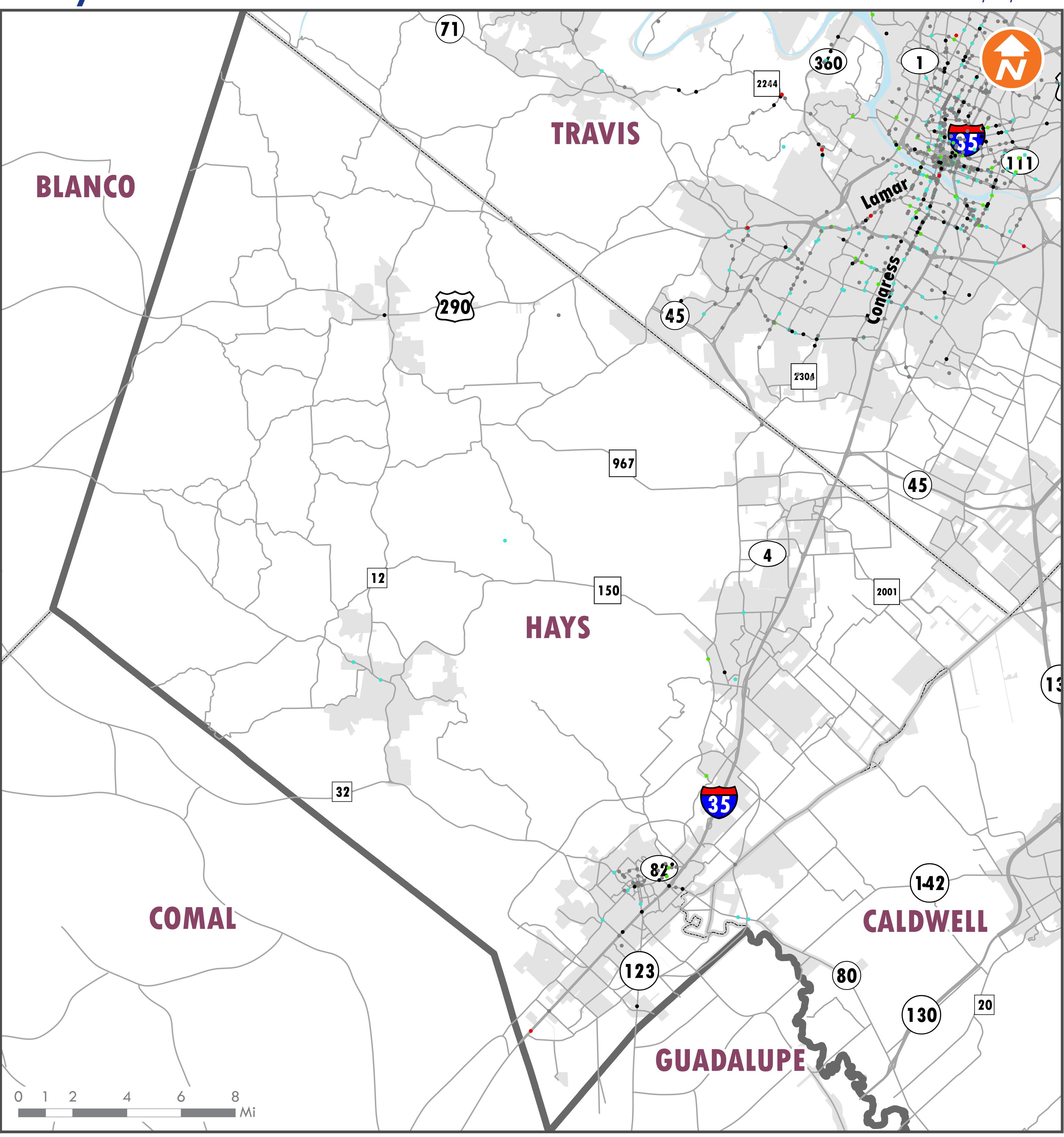
Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Motor Vehicle Crashes 2011 to 2013.mxd

Crash Severity

- Killed
- Incapacitating
- Non-Incapacitating
- Possible Injury
- Unknown
- Not Injured
- City Limits

Bicycle Crashes 2011 to 2013

Hays County Date: 2/23/2015



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Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Bicycle Crashes 2011 to 2013.mxd

Data Source: TxDOT

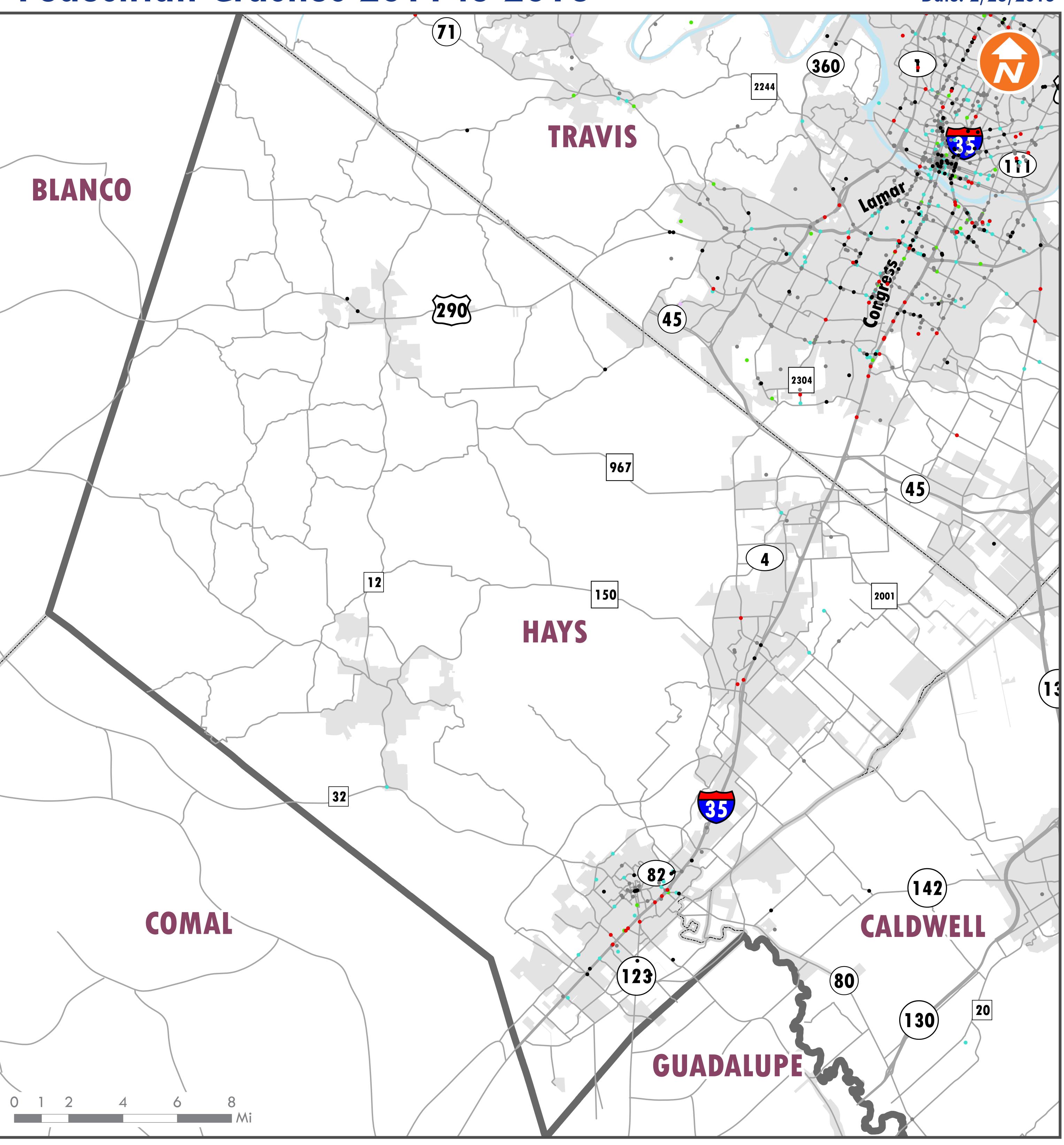
Author: GSG

Crash Severity

- Fatal (1 ct.)
- Incapacitating Injury (11 ct.)
- Non-Incapacitating Injury (29 ct.)
- Possible Injury (12 ct.)
- Unknown (0 ct.)
- Not Injured (6 ct.)
- City Limits

Pedestrian Crashes 2011 to 2013

Hays County Date: 2/23/2015



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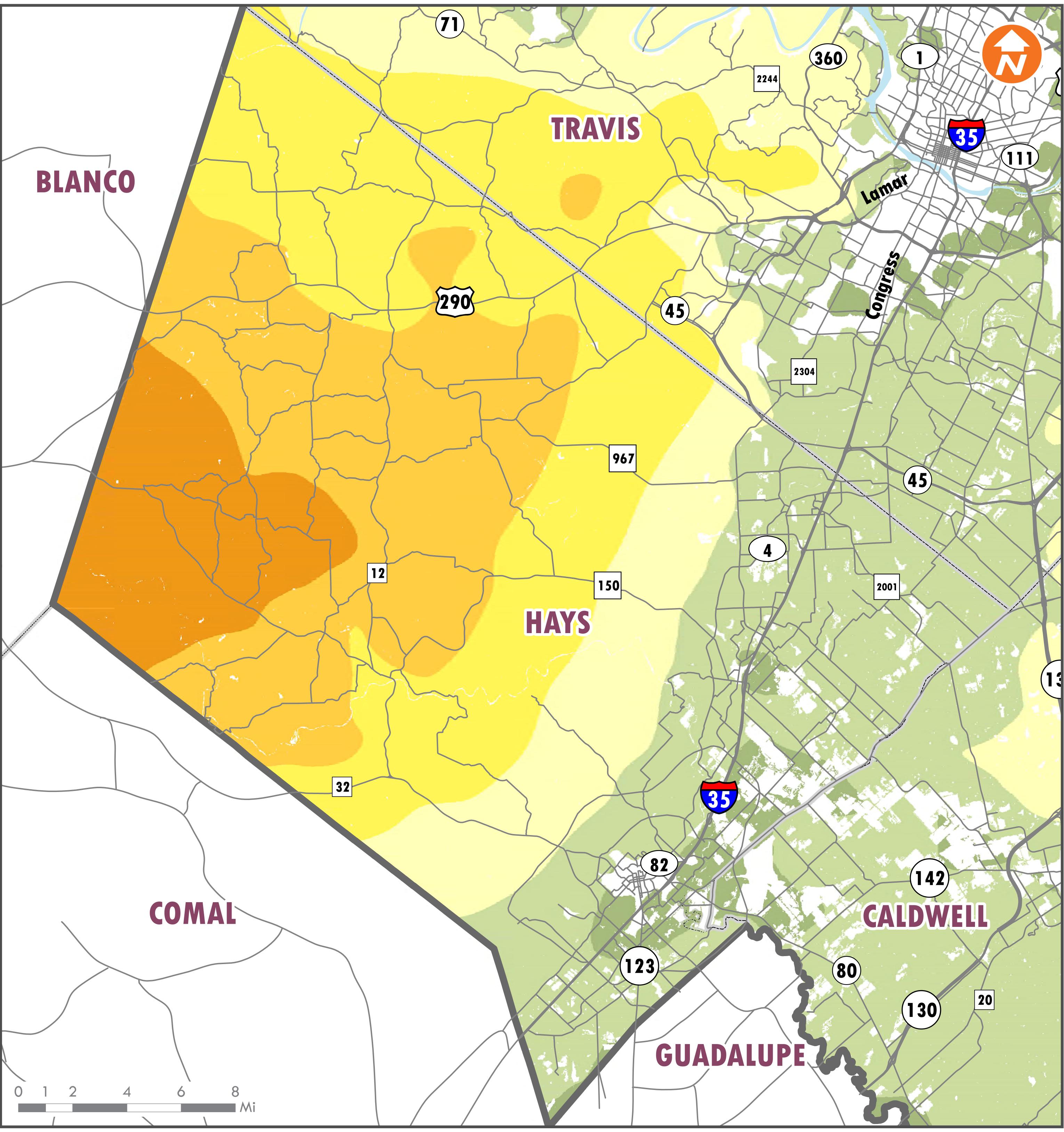
Data Source: TxDOT

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

Crash Severity

- Fatal (11 ct.)
- Incapacitating Injury (26 ct.)
- Non-Incapacitating Injury (35 ct.)
- Possible Injury (24 ct.)
- Unknown (0 ct.)
- Not Injured (3 ct.)
- City Limits

Hays County Date: 2/24/2015 Wildfire Threat 360



1 (Low)

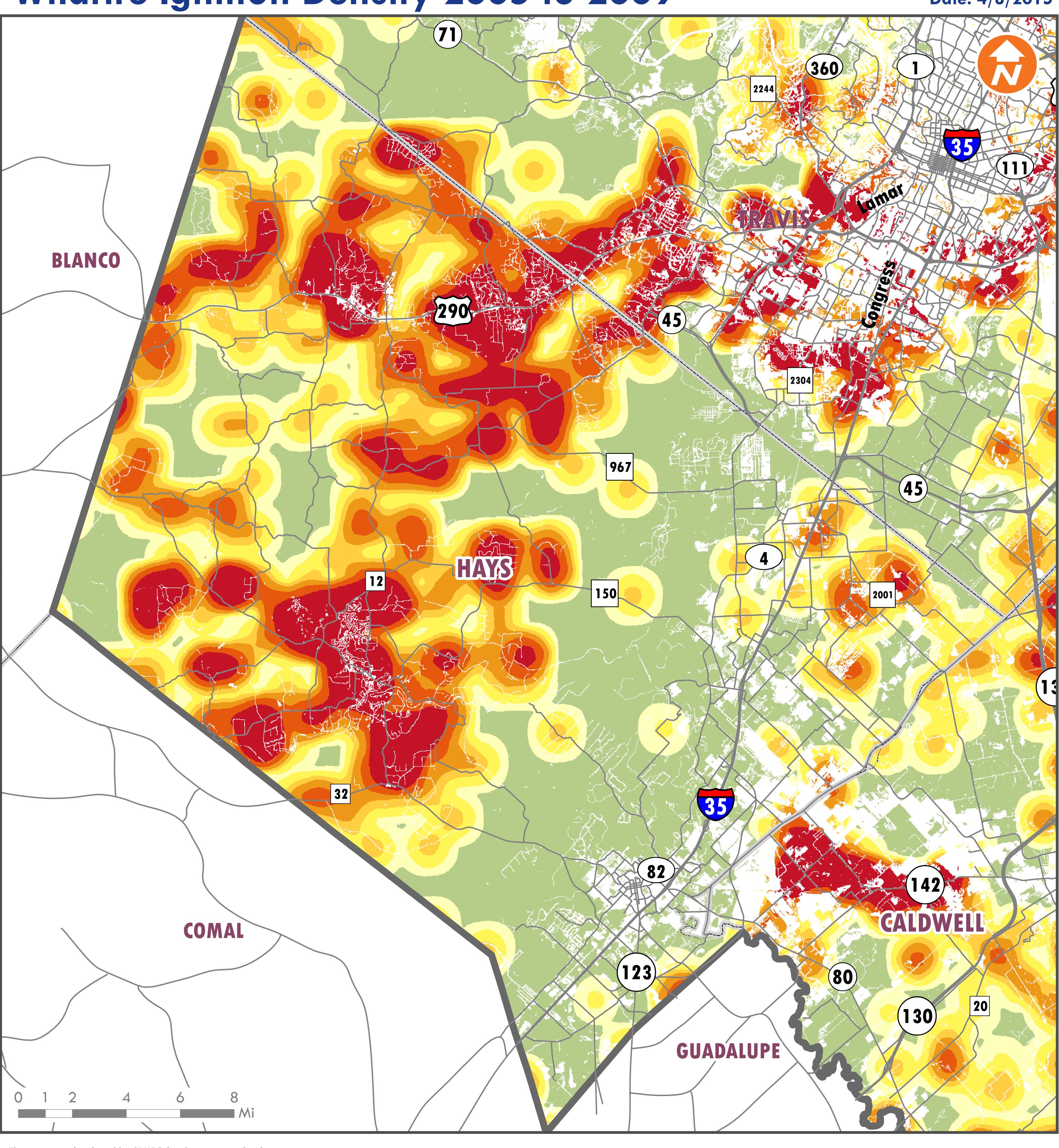
4

5 (High)

3 (Moderate) 7 (Very High)

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Wildfire Ignition Density 2005 to 2009



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

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

Hays County Freight Corridors Date: 2/24/2015 360 2244 TRAVIS Lamar **BLANCO** Congress **290 (45)** 2304 HAYS 150 32 82 **CALDWELL** COMAL **123**) **(80)**

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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

GUADALUPE

20

Intermodal Facilities

Cities

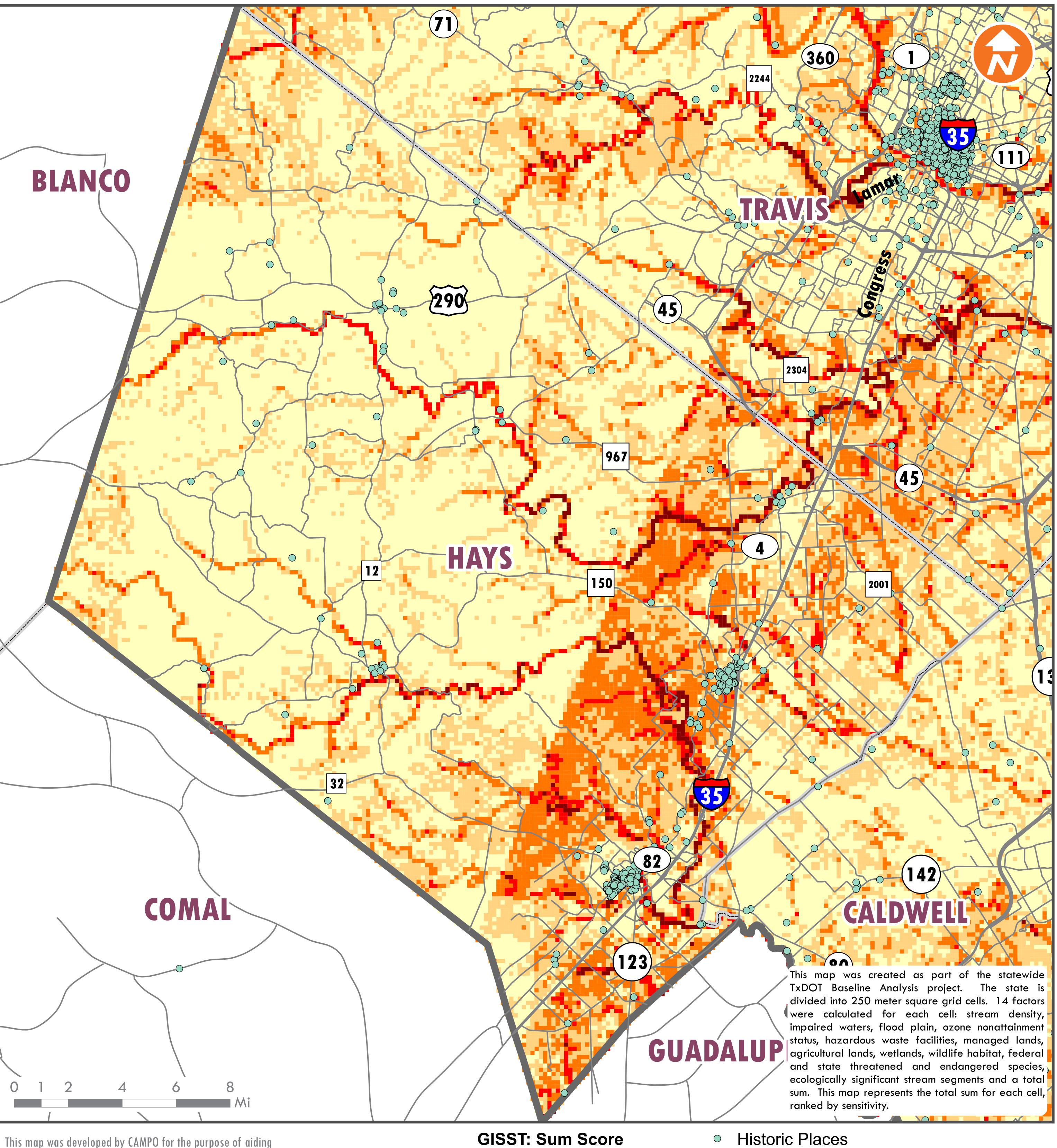
Lakes/Rivers

(130)



Environmental Sensitivity Analysis with Historic Sites

Hays County Date: 4/8/2015



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Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Environmental Sensitivity Analysis with Historic Sites.mxd

Data Source: TxDOT, Texas Historical Commission

Author: GSG

13 - 23: low concern

24 - 28

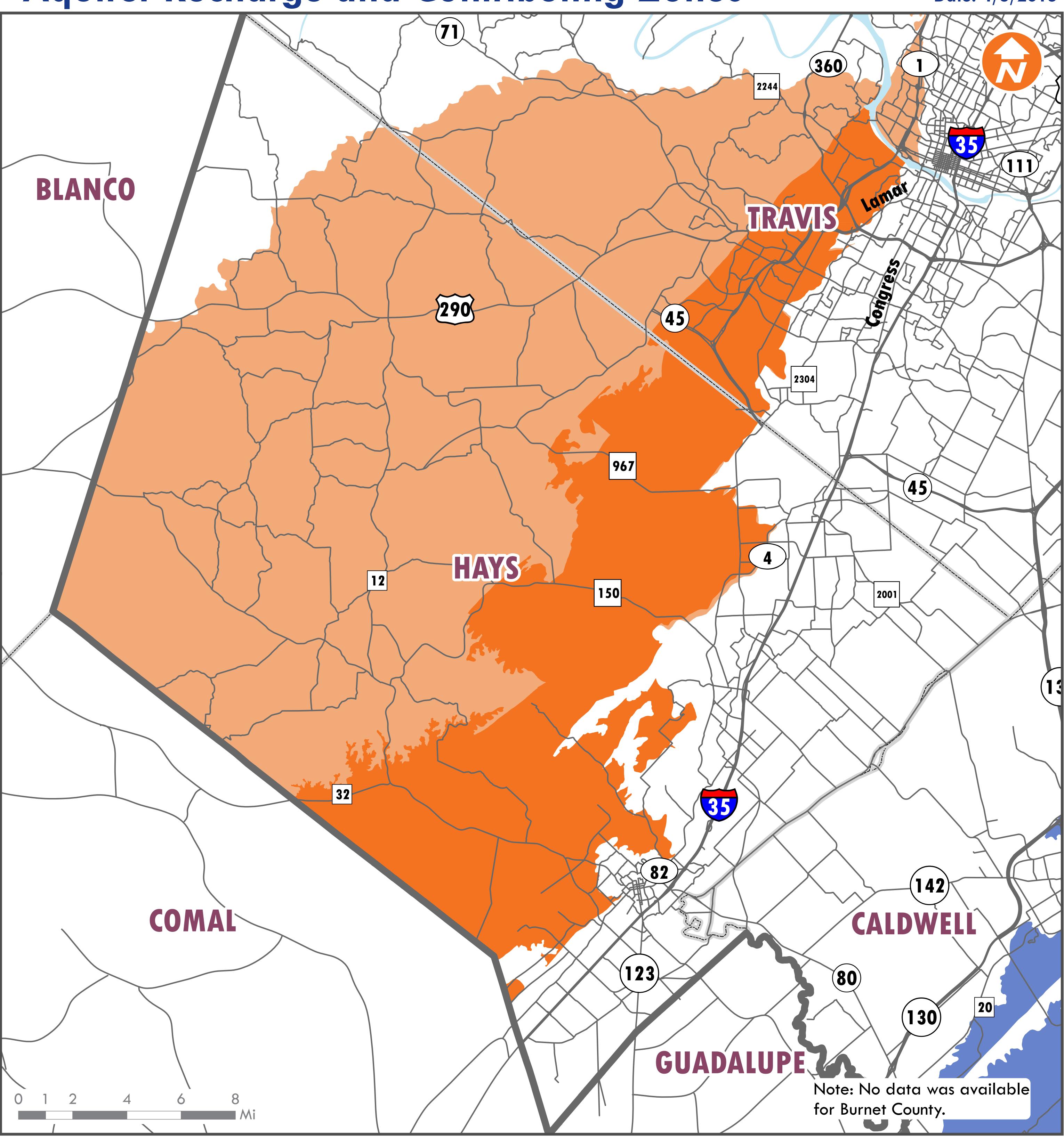
29 - 33: medium concern

34 - 37

38 - 50: high concern

Hays County Date: 4/8/2015

Aquifer Recharge and Contributing Zones



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Data Source: TWDB, City of Austin

Author: GSG

receive the GIS layers found on this map send your request to:

Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Aquifer Recharge and Contributing Zones.mxd

Edwards Aquifer Contributing Zone



Edwards Aquifer Recharge Zone



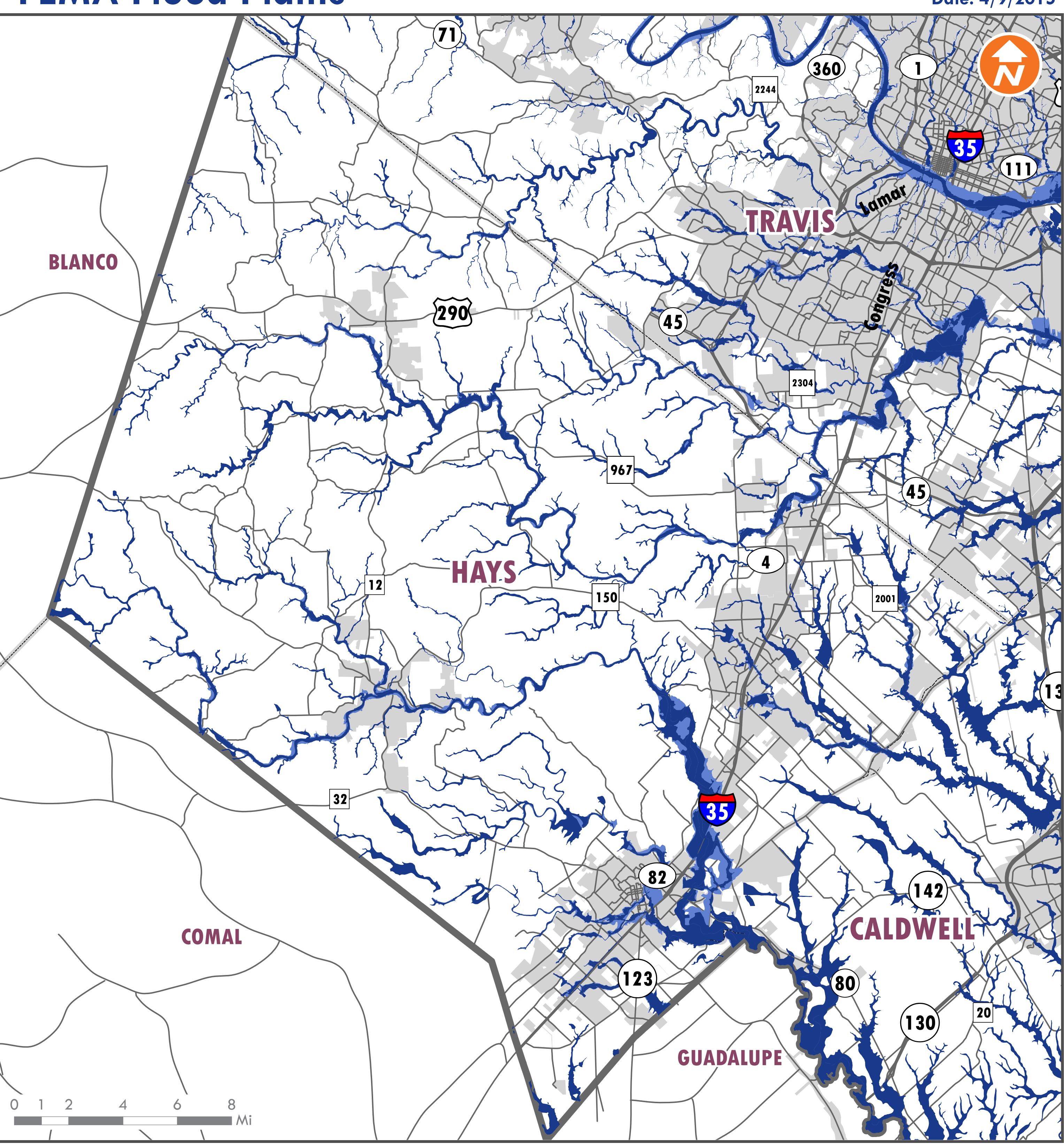
Carrizo-Wilcox Contributing Zone



Carrizo-Wilcox Recharge Zone

FEMA Flood Plains

Hays County Date: 4/9/2015



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Data Source: FEMA

Author: GSG

Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\FEMA Flood Plains.mxd

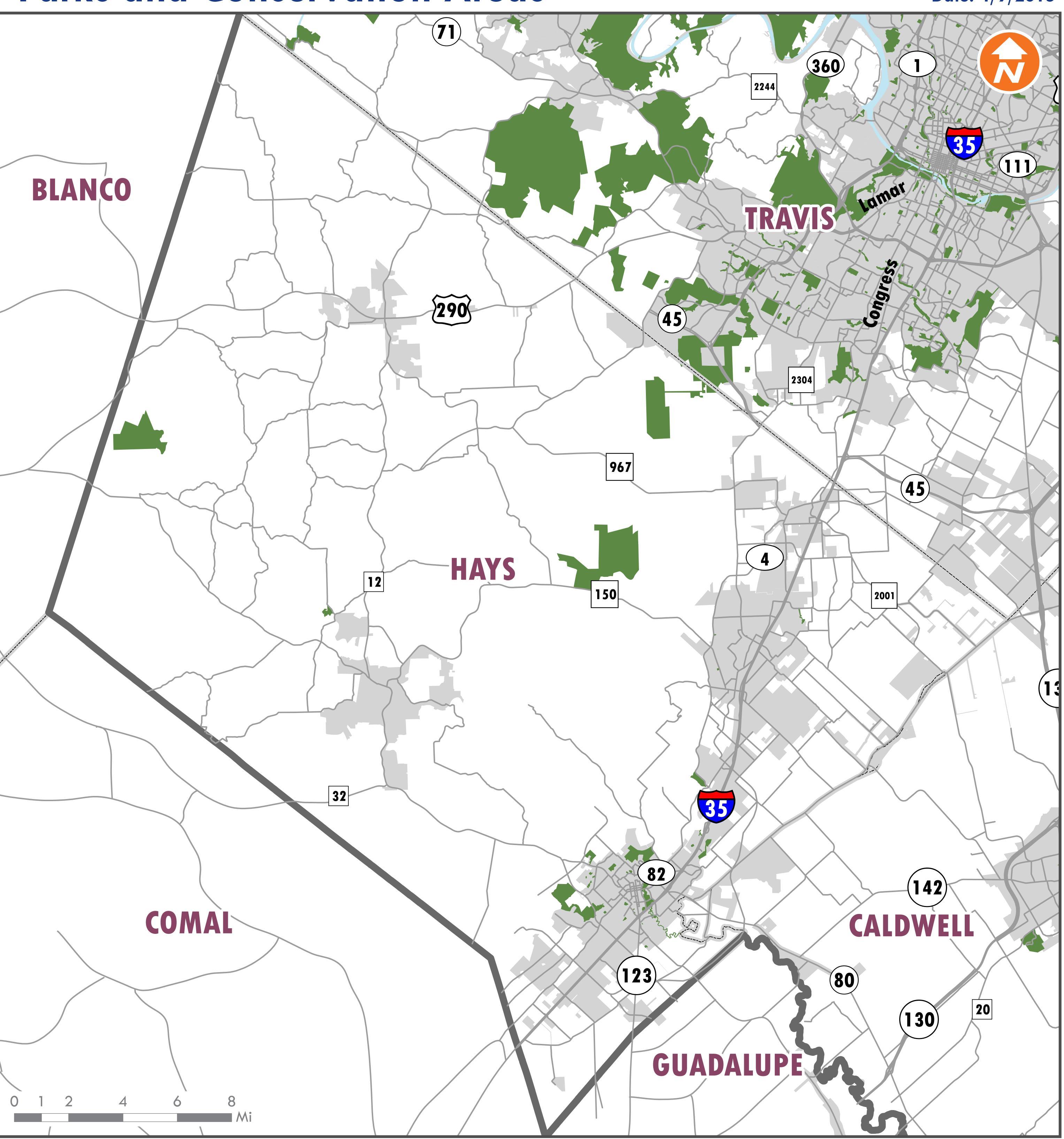
100 Year Flood Plain

500 Year Flood Plain

City Limits

Parks and Conservation Areas

Hays County Date: 4/9/2015



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Data Sources: TPWD, Bastrop County, Travis County

Author: GSG

Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Parks and Conservation Areas.mxd

Lost Pines Habitat Conservation Plan Area

Parks and Conservation Areas

City Limits

Hays County Date: 2/24/2015 Soil Plasticity 360 2244 TRAVIS (111)lamar **BLANCO** Congress 290 **(45)** 2304 150 2001 HAYS 32 35 CALDWELL 82 (142)COMAL 123) (80) 20 (130) GUADALUPE Soil Plasticity Index (PI) 31 - 35 This map was developed by CAMPO for the purpose of aiding 0 - 1 36 - 40 2 - 10 warranted for any other use. CAMPO makes no guarantee 41 - 45 46 - 50 11 - 15

in regional transportation planning decisions and is not regarding its accuracy or completeness. If you would like to receive the GIS layers found on this map send your request to: **16 - 20** 51 - 55 campo@campotexas.org. Data Sources: CAPCOG, TxDOT, CMTA, USDA 56 - 60 21 - 25 Author: GSG 26 - 30 Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Soil Plasticity.mxd

Hays County Critical Assets Date: 2/24/2015 **360** TRAVIS 2244 amar BLANCO 2001 32 82 COMAL (123)**(80)** (130)GUADALUPE Interstates MetroRail Route 100 Year Floodplain This map was developed by CAMPO for the purpose of aiding Airports in regional transportation planning decisions and is not Major Highways Freight Rail Lines Airport Parcels Critical Assets warranted for any other use. CAMPO makes no guarantee regarding its accuracy or completeness. If you would like to Bridges MetroRail Stations Amtrak Route Lakes/Rivers

Other Principal

Roadways

Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Critical Assets.mxd

campo@campotexas.org.

Data Sources: CAPCOG, TxDOT, CMTA

receive the GIS layers found on this map send your request to:

Hays County Environmental Justice Areas Date: 2/23/2015 360 **TRAVIS** BLANCO 2001 HAYS 35 82 142 COMAL CALDWELL

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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

123)

(80)

GUADALUPE

20

(130)

EJ Area

Non-EJ Area

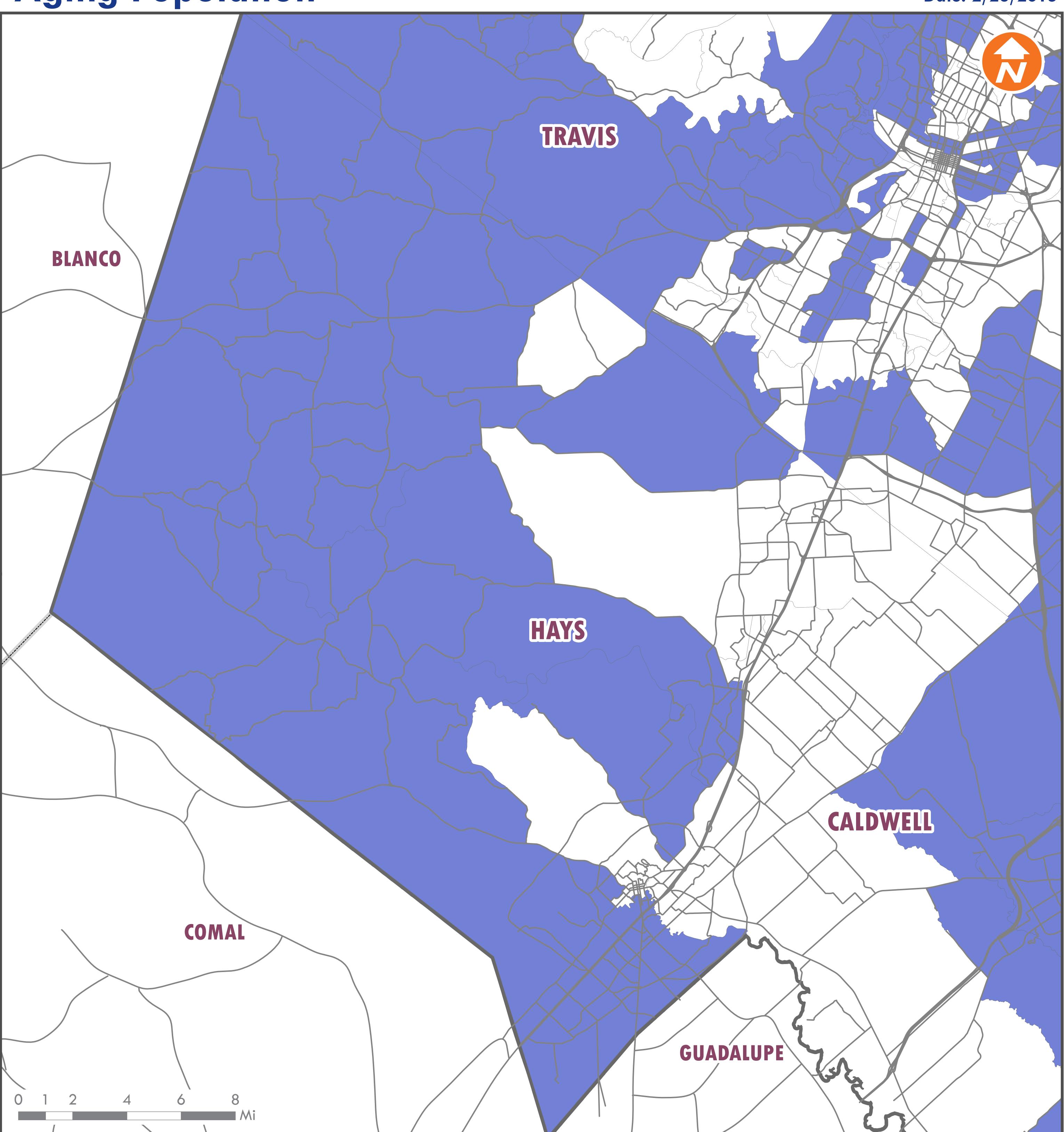
Hays County Environmental Justice Areas with 2040 Roads Date: 2/23/2015 (360) **TRAVIS BLANCO** 967 2001 32 35 CALDWELL 82 142, COMAL (123)(80) 20 130 GUADALUPE Non-EJ Area EJ Area This map was developed by CAMPO for the purpose of aiding in regional transportation planning decisions and is not warranted Road Type for any other use. CAMPO makes no guarantee regarding its Interstate accuracy or completeness. If you would like to receive the GIS Minor Arterial layers found on this map send your request to: Freeway/Expressway Collector campo@campotexas.org. Tolled Local Data Source: Census Bureau Principal Arterial Ramp/Frontage Author: GSG Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Environmental Justice Areas with Roads.mxd /Direct Connector

Rapid Bus

Document Path: H:\Maps\2040 Plan Maps\Revised Plan Maps\Transit Projects 2040 with EJ_09282015.mxd

Aging Population

Hays County Date: 2/23/2015



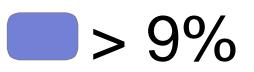
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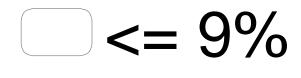
Data Source: Census

Author: GSG

Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Aging Population.mxd

Aging Population as Percent of Total Population





Hays County Disability Population Date: 2/23/2015 TRAVIS **BLANCO** CALDWELL COMAL

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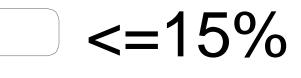
Data Source: Census

Author: GSG Document Path: H:\Maps\2040 Plan Maps\Public Review Maps\Disability Population.mxd **Disability Population as Percent of Total Population**

GUADALUPE

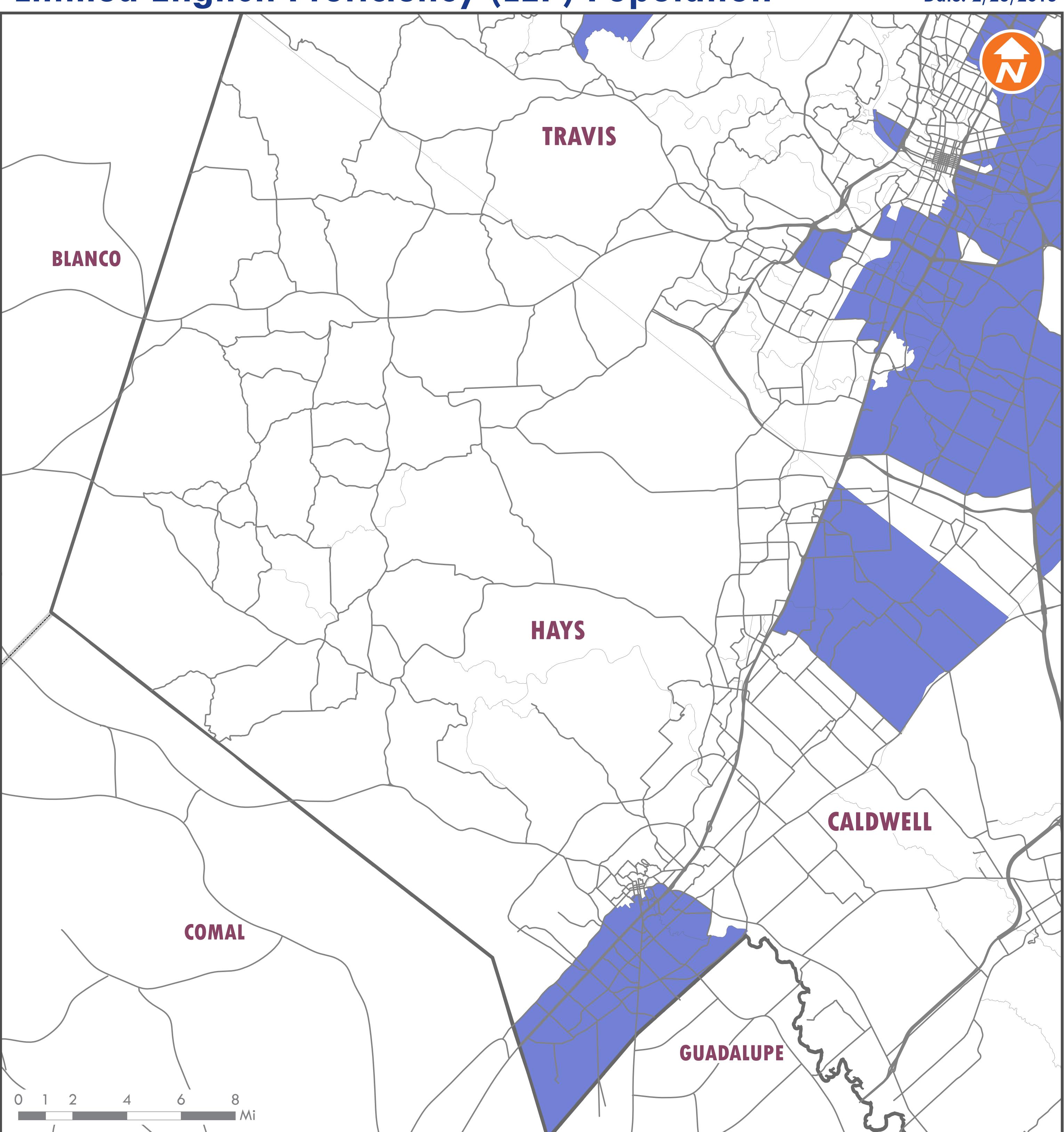


>15%



Limited English Proficiency (LEP) Population

Hays County Date: 2/23/2015



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

Data Source: Census

Author: GSG

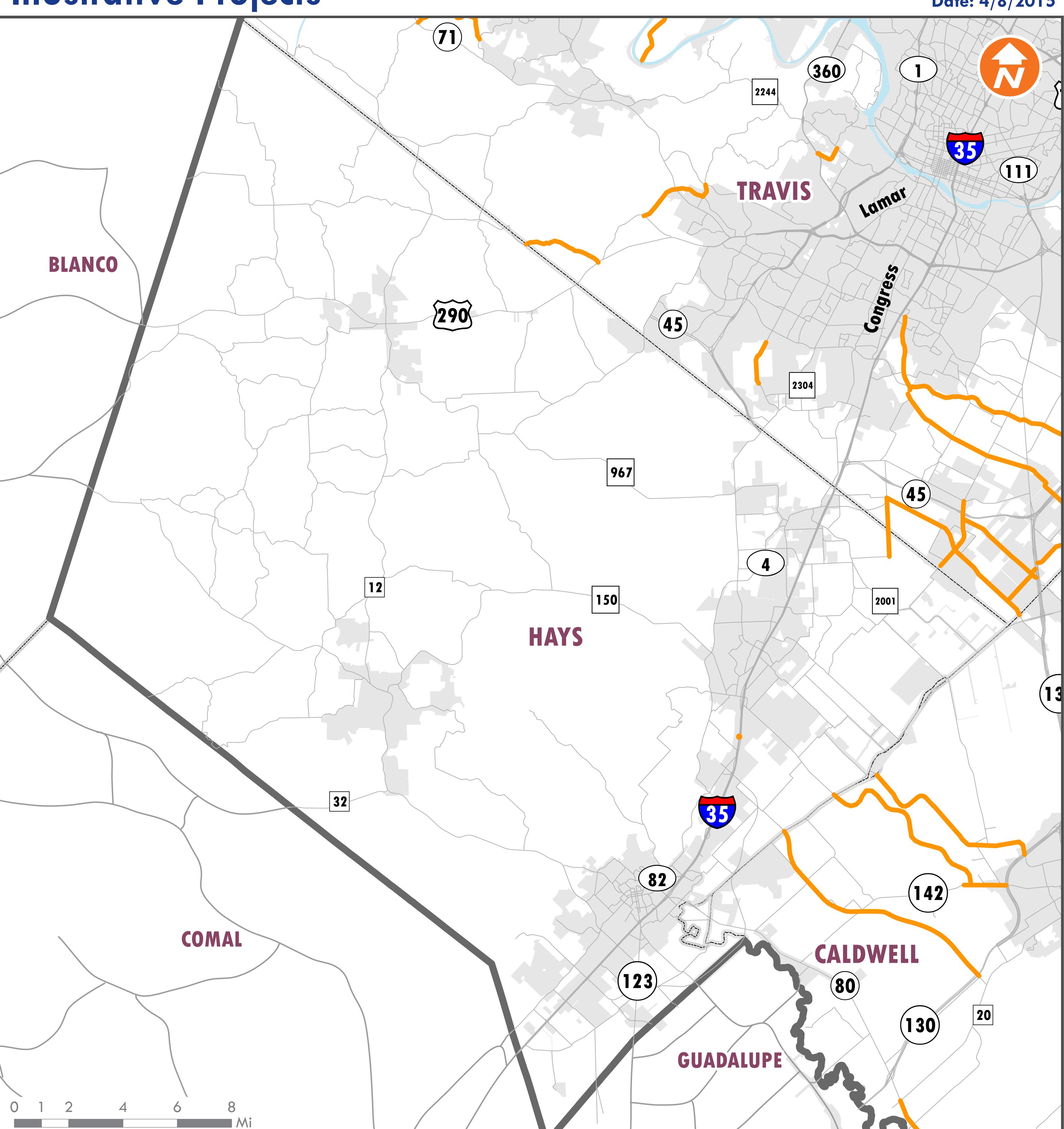
Limited English Proficiency Percent

> 10.8%

<= 10.8%

Hays County Date: 4/8/2015

Illustrative Projects



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Category

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