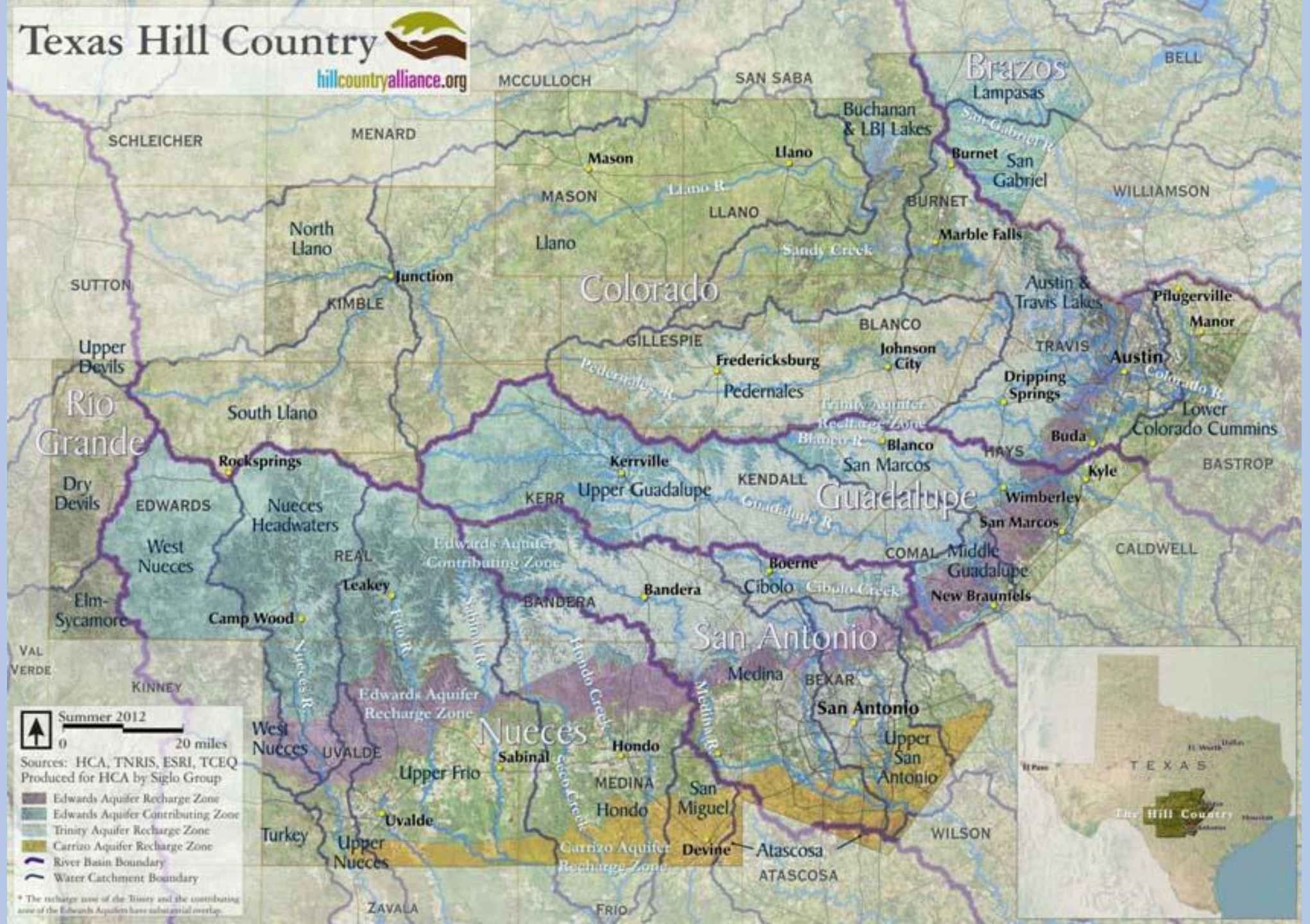

Texas Hill Country
hillcountryalliance.org
MCCULLOCH
SAN SABA
Brazos
Lampasas
BELL
Buchanan & LBJ Lakes
SCHLEICHER
MENARD
Mason
Llano
Burnet
San Gabriel
MASON
LLANO
BURNET
WILLIAMSON
Llano R.
Marble Falls
North Llano
Sandy Creek
Junction
SUTTON
KIMBLE
Colorado
Austin & Travis Lakes
Pilugerville
Manor
BLANCO
GILLESPIE
Johnson City
TRAVIS
Austin
Fredericksburg
Pedernales R.
Pedernales
Dripping Springs
Upper Devils
Rio Grande
South Llano
Trinity Aquifer Recharge Zone
Blanco R.
Blanco
Buda
Lower Colorado Cummins
HAYS
Rocksprings
Kerrville
San Marcos
Kyle
BASTROP
Dry Devils
EDWARDS
Nueces Headwaters
KERR
Upper Guadalupe
KENDALL
Guadalupe R.
Guadalupe
Wimberley
West Nueces
REAL
Edwards Aquifer Contributing Zone
San Marcos
CALDWELL
COMAL
Middle Guadalupe
Boerne
Leakey
Bandera
Cibolo
Cibolo Creek
New Braunfels
Elm-Sycamore
Camp Wood
Frio R.
Sabinal R.
BANDERA
San Antonio
VAL VERDE
Nueces R.
Medina
BEXAR
KINNEY
Edwards Aquifer Recharge Zone
Hondo Creek
Medina R.
San Antonio
Nueces
West Nueces
UVALDE
Sabinal
Hondo
Upper San Antonio
Upper Frio
MEDINA
San Miguel
Seco Creek
Hondo
Uvalde
WILSON
Turkey
Upper Nueces
Carrizo Aquifer Recharge Zone
Devine
Atascosa
ATASCOSA
ZAVALA
FRIO
Summer 2012
0
20 miles
Sources: HCA, TNRIS, ESRI, TCEQ
Produced for HCA by Siglo Group
Edwards Aquifer Recharge Zone
Edwards Aquifer Contributing Zone
Trinity Aquifer Recharge Zone
Carrizo Aquifer Recharge Zone
River Basin Boundary
Water Catchment Boundary
* The recharge zone of the Trinity and the contributing zone of the Edwards Aquifers have substantial overlap.
TEXAS
The Hill Country

Hill Country Alliance (HCA)

- 17 Counties
- 10,000 + Supporters
- Landowner Board of Directors
- Support Health of Surface and Goundwater Systems
  - Education
  - Policy Advocacy
  - Planning Participation
  - Agency Collaboration

Region K

Designation of Ecologically Unique Stream Segments

in the Colorado River System's Basin

8.2 SUMMARY OF UNIQUE STREAM SEGMENT RECOMMENDATIONS

- Page 8-23 of *2016 Region K Water Plan* --

8.2 SUMMARY OF UNIQUE STREAM SEGMENT RECOMMENDATIONS

In accordance with the Texas Administrative Code 31 §357.8, RWPGs:

…may include in adopted regional water plans recommendations for all or parts of river and stream segments of unique ecological value located within the regional water planning area …

What this Designation Does:

- Fulfills Senate Bill 1 (1997) recommendation to recognize stream segments qualified by Texas Parks and Wildlife (31 TAC 357.43 & 358.2)
- Recognizes the important contributions to water quality and quantity that these stream segments offer to the Region's water supplies
- Protects private property owners from the construction of state financed reservoirs on rivers passing through or adjacent to their property

Progress to Date

- The Legislature provided for this action in SB-1 (1997)
- TPWD has fulfilled its charge of studying and identifying stream segments eligible for designation (2000)
- In its first planning cycle, Region K held extensive public stakeholder meetings to specify which stream segments identified by TPWD had public support for Recommendation
- Four Regional Water Planning Groups in the State have already made designations for their stream segments including Region L
- The Regional Water Plan has a place-holder in Chapter 8 for this designation

Eligible Stream Segments

Portions of Region K's segments of the:

- Pedernales River
- Llano River
- Colorado River (from Pecan Creek in Mills Co through the Colorado Bend State Park including Gorman Creek)
- Colorado River (in Travis, Bastrop, and Fayette Counties)
- Colorado River (including Shaws Bend in Fayette, Colorado, Wharton, and Matagorda Counties)

Eligible Stream Segments

And Portions of :

- Bull Creek
- Edwards Aquifer recharge segments of Barton, Bear, Little Bear, Onion, Slaughter, and Williamson Creeks
- Gorman Creek (Colorado Bend State Park)
- Rocky and Hamilton Creeks (Burnet Co)
- Cummins Creek (Fayette Co)

TPWD Designation Criteria

- Biological Function
  - Water quality and quantity value added by Ecological Services
- Hydrologic Function
  - Water quantity, quality, flood attenuation, groundwater recharge
- Existing Riparian Conservation Areas
  - Public parks, preserves, conservation easements, wildlife refuges
- High Water Quality, High Aesthetic Value, Exceptional Aquatic Life
  - Springs, critical wildlife/aquatic habitat
- Threatened or Endangered Species/Unique Communities

Unique Stream Segments

- Region K stakeholders should utilize this Chapter 8 tool to recognize the valuable quality and quantity of the water that these stream segments bring to downstream water users.

- **Con Mims** – Executive Director of the Nueces River Authority and Former Region L Chair

- **Jim Barhoe** – Former Voting Member of Region K

Questions?

Thank You

Designation Criteria (31 TAC 357.43 & TAC 358.2)

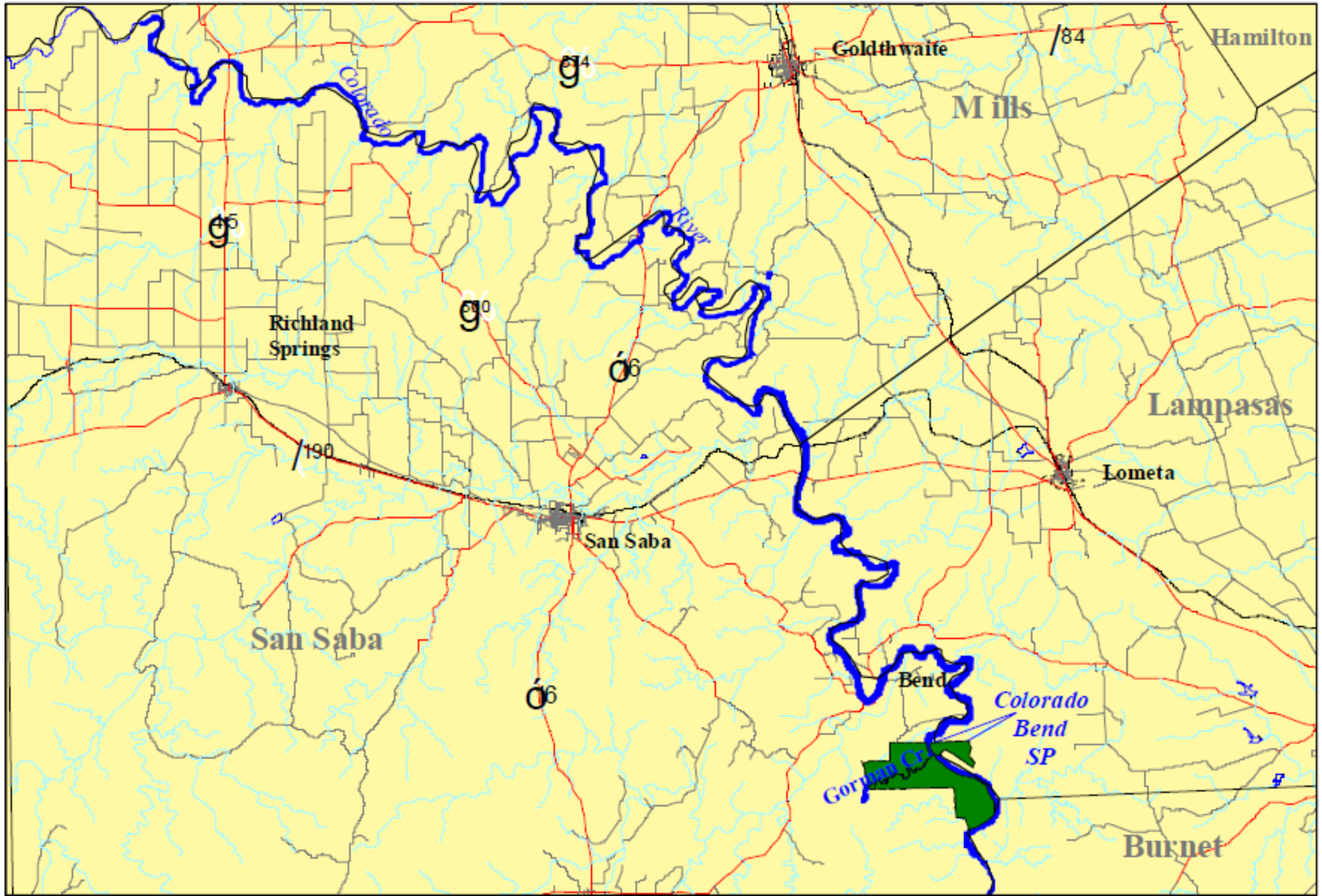
- **Biological Function**: Segments which display significant overall habitat value including both quantity and quality considering the degree of biodiversity, age, and uniqueness observed and including terrestrial, wetland, aquatic, or estuarine habitats.
- **Hydrologic Function**: Segments which are fringed by habitats that perform valuable hydrologic functions relating to water quality, flood attenuation, flow stabilization, or groundwater recharge and discharge
- **Riparian Conservation Areas**: Segments which are fringed by significant areas in public ownership including state and federal refuges, wildlife management areas, preserves, parks, mitigation areas, or other areas held by governmental organizations for conservation purposes under a governmentally approved conservation plan;
- **High Water Quality/Exceptional Aquatic Life/High Aesthetic Value**: Segments and spring resources that are significant due to unique or critical habitats and exceptional aquatic life uses dependent on or associated with high water quality; or
- **Threatened or Endangered Species/Unique Communities**: Sites along segments where water development projects would have significant detrimental effects on state or federally listed threatened and endangered species, and sites along segments that are significant due to the presence of unique, exemplary, or unusually extensive natural communities.

What this Designation Does *Not* Have to Do:

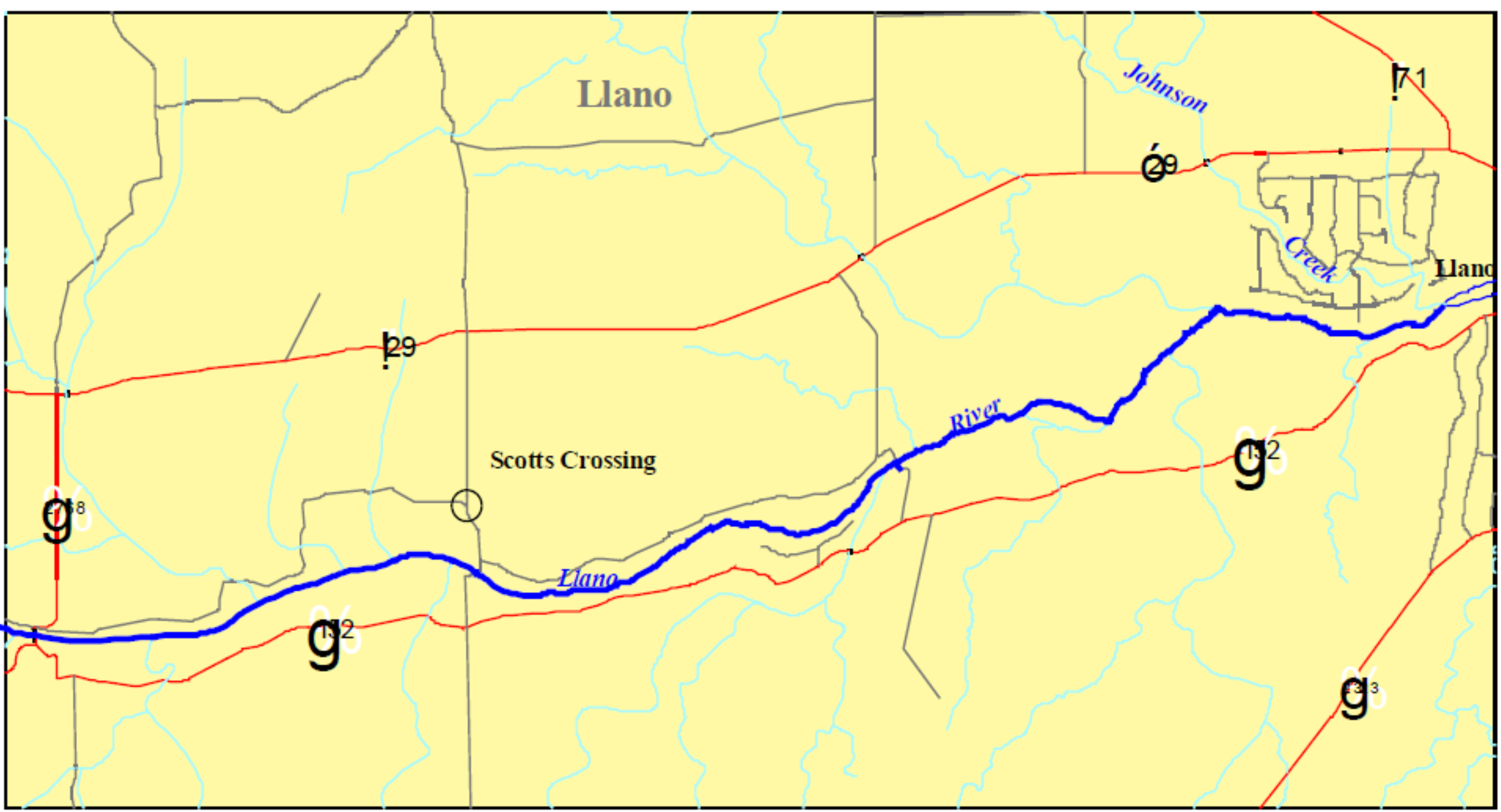
- **Does not** infringe on or alter the existing property rights of those land owners who enjoy ownership along the banks of these reaches.
- **Does not** affect the ability of a state agency or political subdivision of the state (such as Municipalities, or River Authorities) to construct, operate, maintain, or replace a weir, a water diversion, flood control, drainage, or water supply system, a low water crossing, or a recreational facility in the designated segment
- **Does not** prohibit the permitting, financing, construction, operation, maintenance, or replacement of any water management strategy to meet projected water supply needs recommended in, or designated as an alternative in, the 2017 or 2021 State Water Plan.

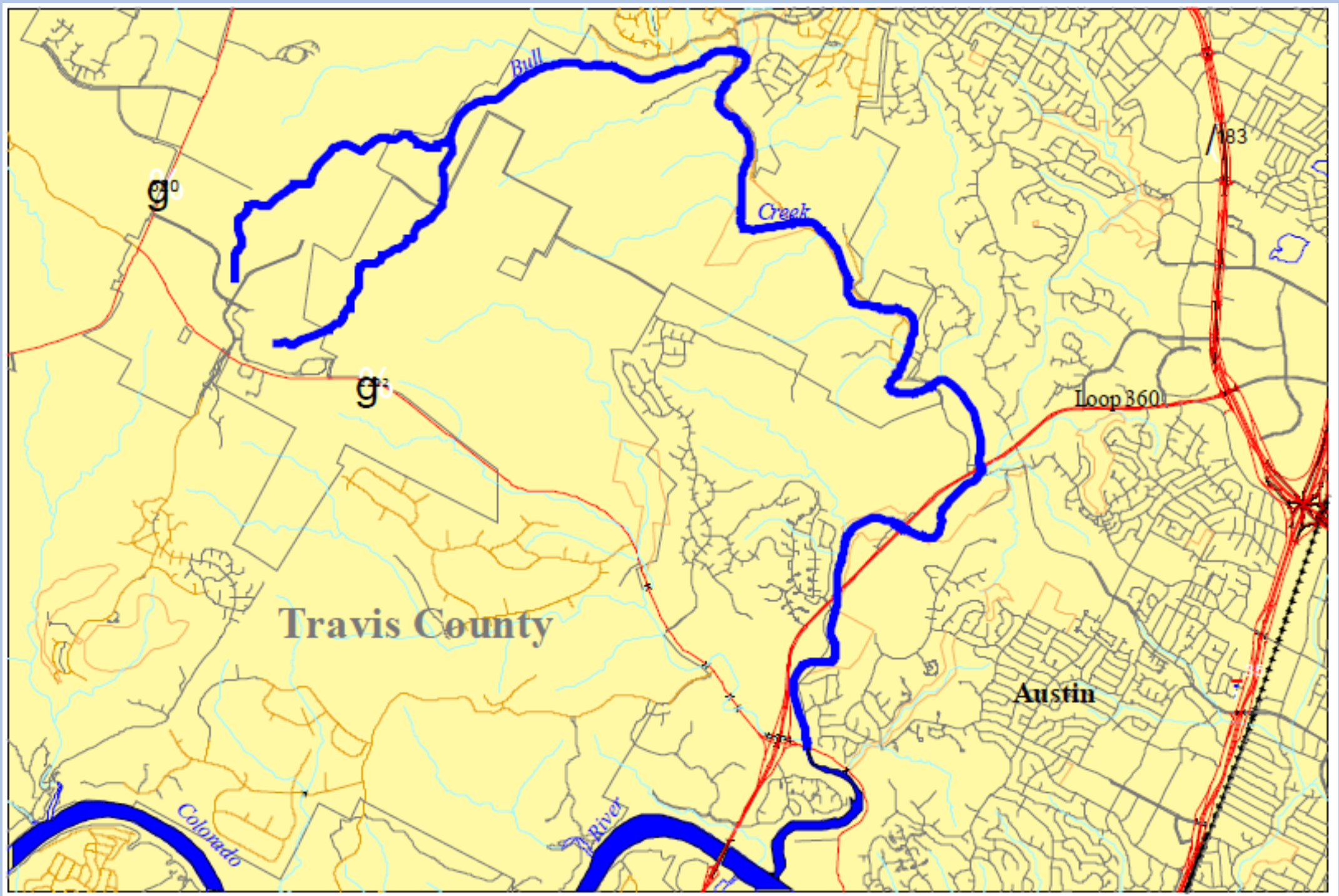
Table 8A.1 Stream Segments Identified for Further Study for Potential Designation as Ecologically Unique

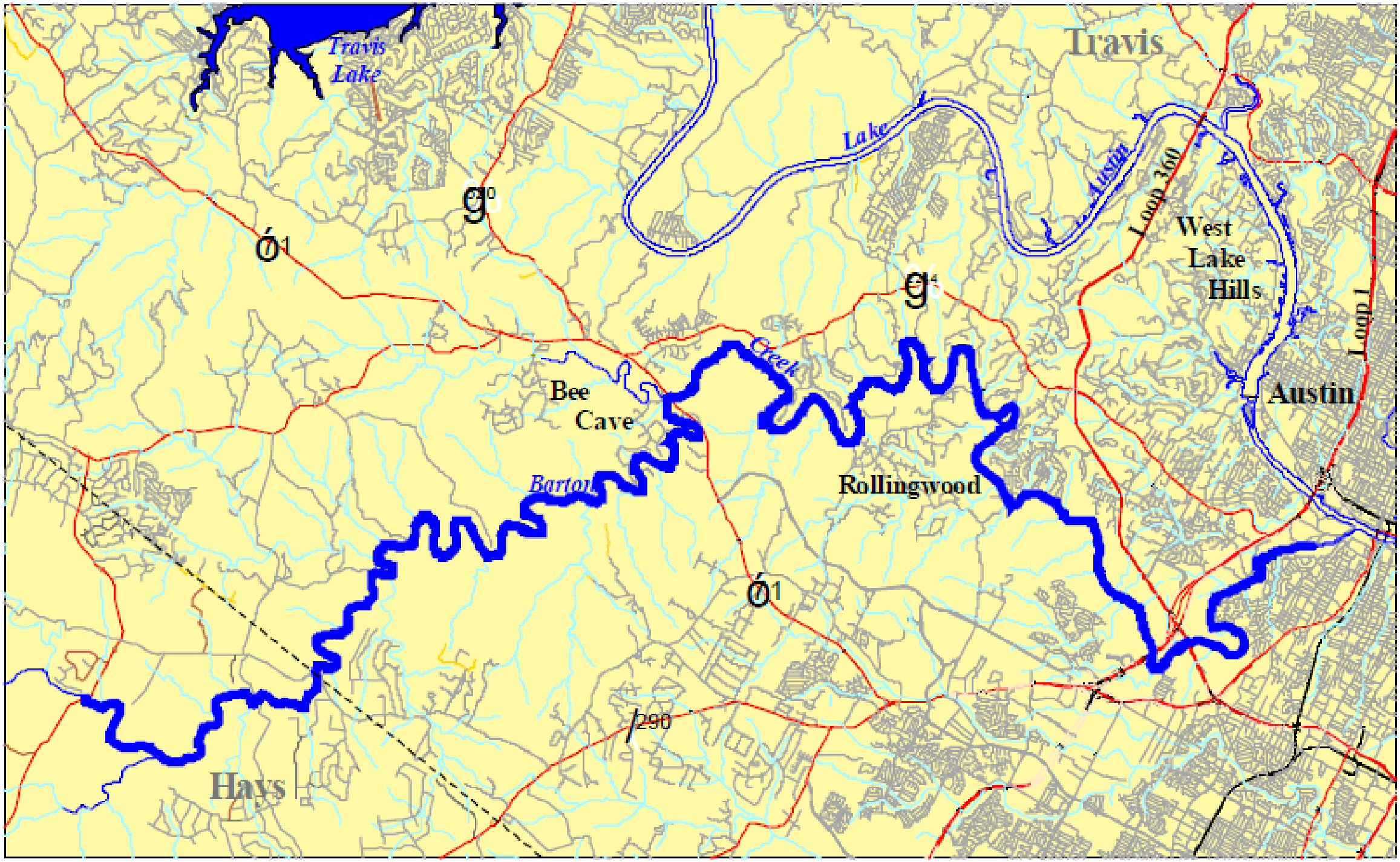
Stream Segment	Location
Barton Springs segment of the Edwards Aquifer	Recharge stretches of Barton, Bear, Little Bear, Onion, Slaughter, and Williamson Creeks in Travis and Hays Counties
Bull Creek	From the confluence with Lake Austin upstream to its headwaters in Travis County
Colorado River	Within TCEQ classified Segments 1409 and 1410 including Gorman Creek in Burnet, Lampasas, and Mills Counties
Colorado River	TCEQ classified Segments 1428 and 1434 in Travis, Bastrop, and Fayette Counties
Colorado River	TCEQ classified Segment 1402 including Shaws Bend in Fayette, Colorado, Wharton, and Matagorda Counties
Cummins Creek	From the confluence with the Colorado River upstream to FM 159 in Fayette County
Llano River	TCEQ classified Segment 1415 from the confluence with Johnson Creek to CR 2768 near Castell in Llano County
Pedernales River	TCEQ classified Segment 1414 in Kimball, Gillespie, Blanco, and Travis Counties
Rocky Creek	From the confluence with the Lampasas River upstream to the union of North Rocky Creek and South Rocky Creek in Burnet County.
Hamilton Creek	From the outflow of Hamilton Springs to the confluence with the Colorado River.

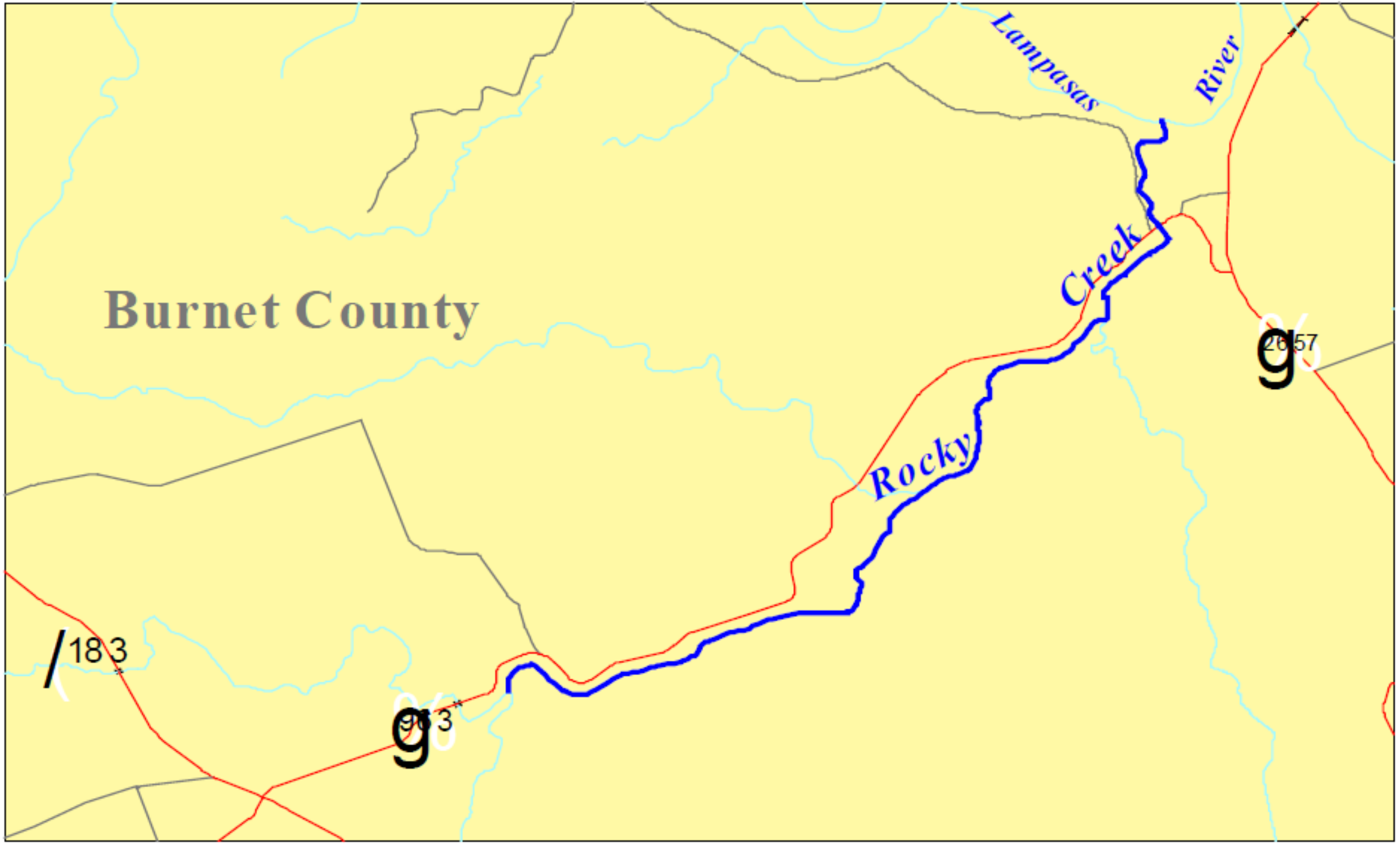

Goldthwaite
Hamilton
Mills
Colorado
River
Richland
Springs
San Saba
Lampasas
Lometa
San Saba
Bend
Colorado
Bend
SP
Gorman Cr
Burnet

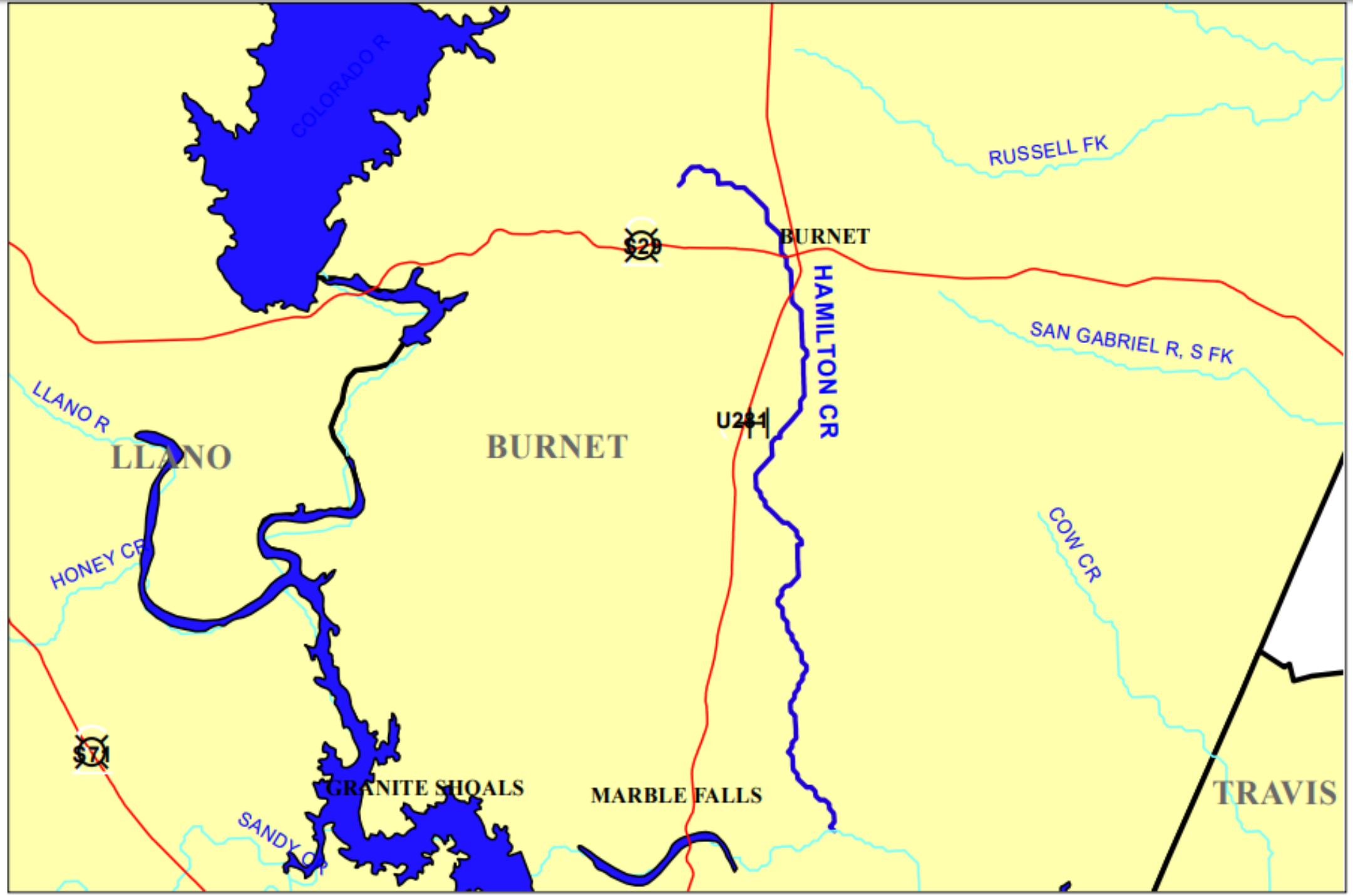

MASON
LLANO
BURNET
BLANCO
GILLESPIE
KERR
KENDALL
COMAL
HAYS
Pedernales
State Park
LBJ State
Park
Pedernales
River
Fredericksburg
Johnson
City
Blanco
281
290
87


Llano
Johnson
Creek
Llano
Scotts Crossing
River
Llano


Bull
Creek
183
Loop 360
Travis County
Austin
Colorado
River


Travis
Lake
Travis
Lake
Austin
Loop 360
West
Lake
Hills
Loop 1
Austin
Bee
Cave
Barton
Creek
Rollingwood
290
Hays


Burnet County
Lampasas
River
Creek
Rocky
2657
183


COLORADO R
RUSSELL FK
BURNET
HAMILTON CR
SAN GABRIEL R, S FK
LLANO R
LLANO
BURNET
HONEY CR
COW CR
GRANITE SHOALS
MARBLE FALLS
SANDY CR
TRAVIS