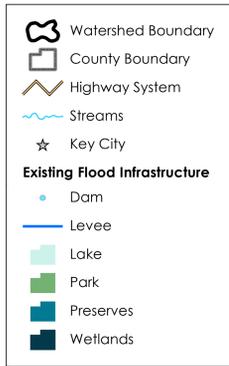
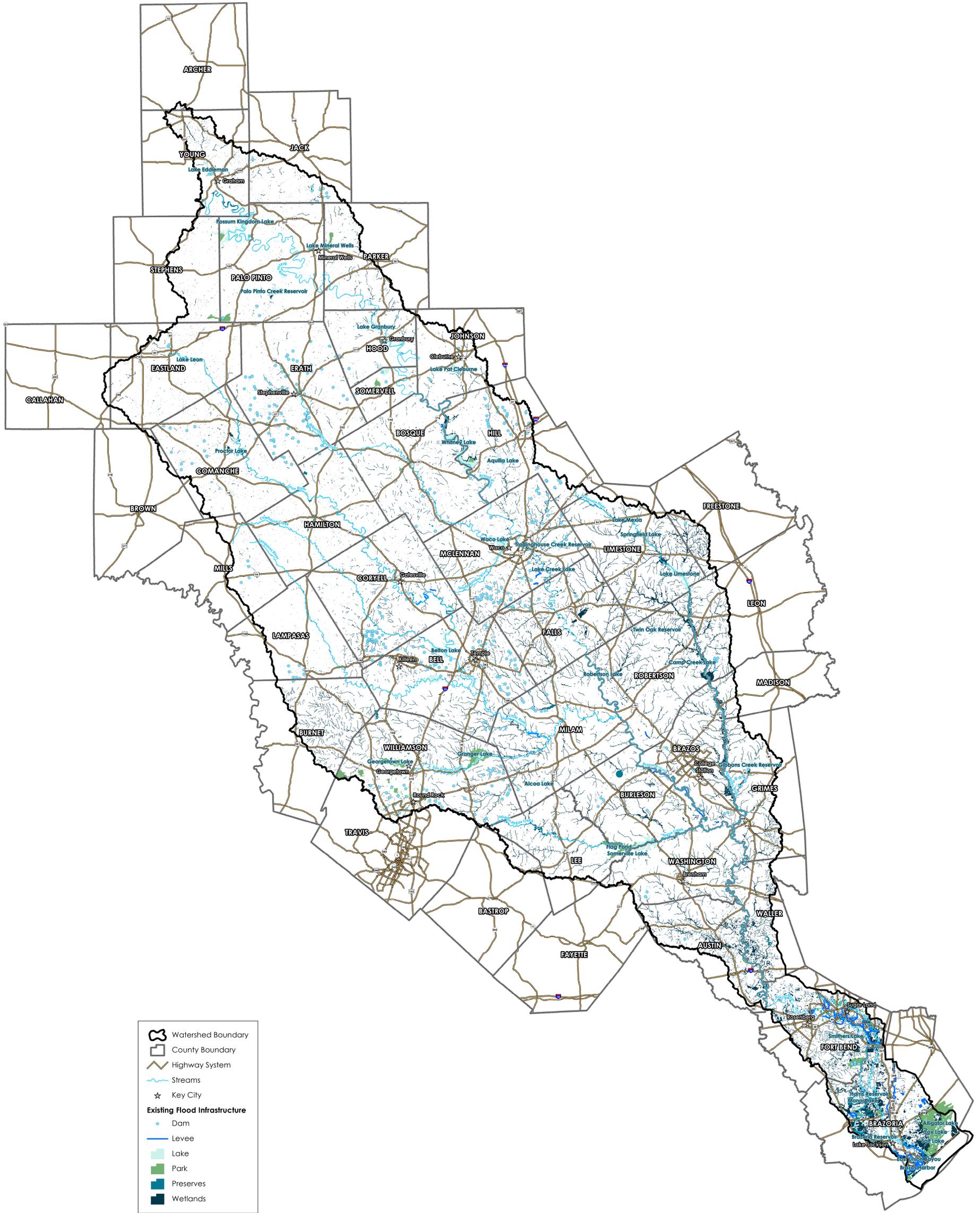
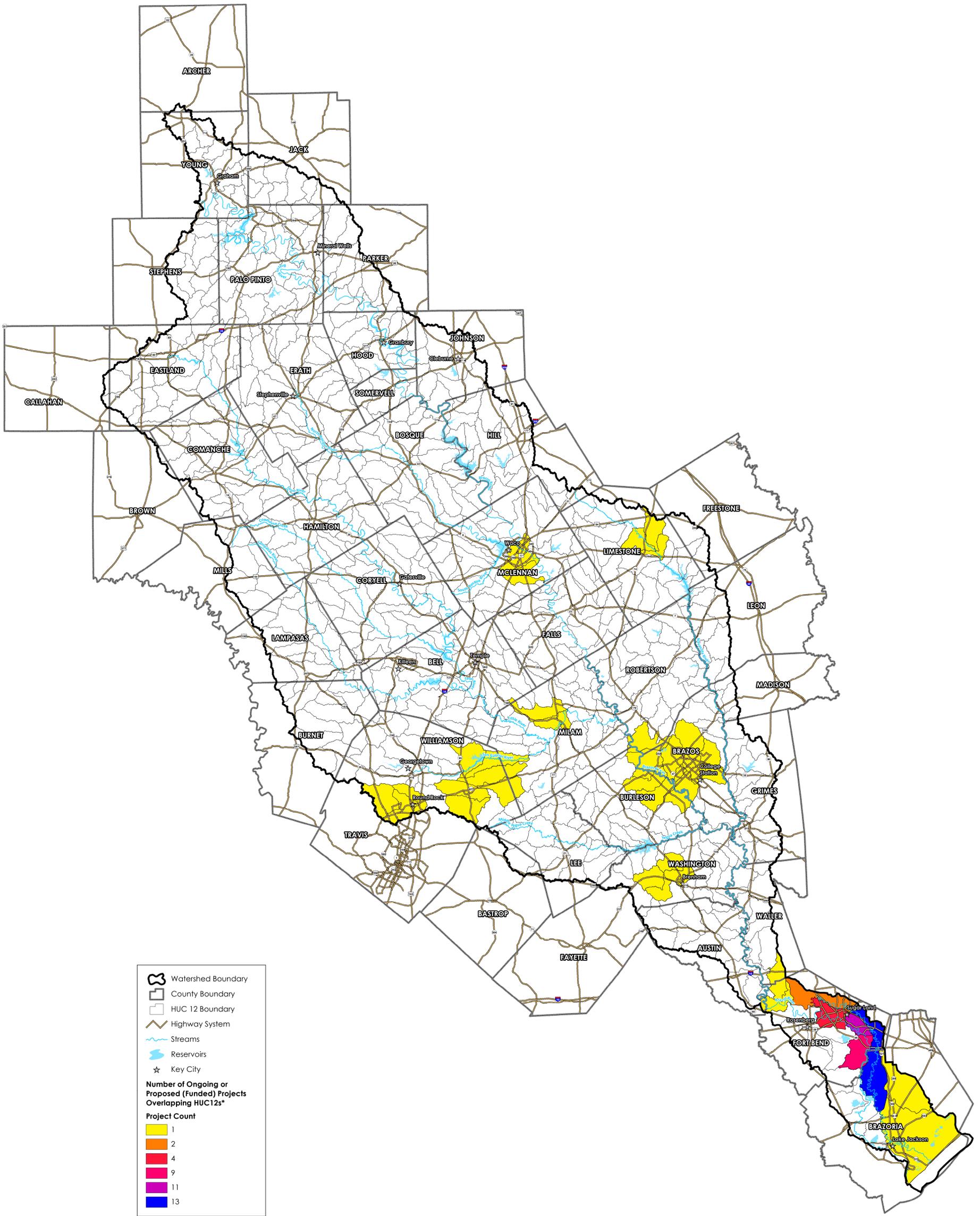


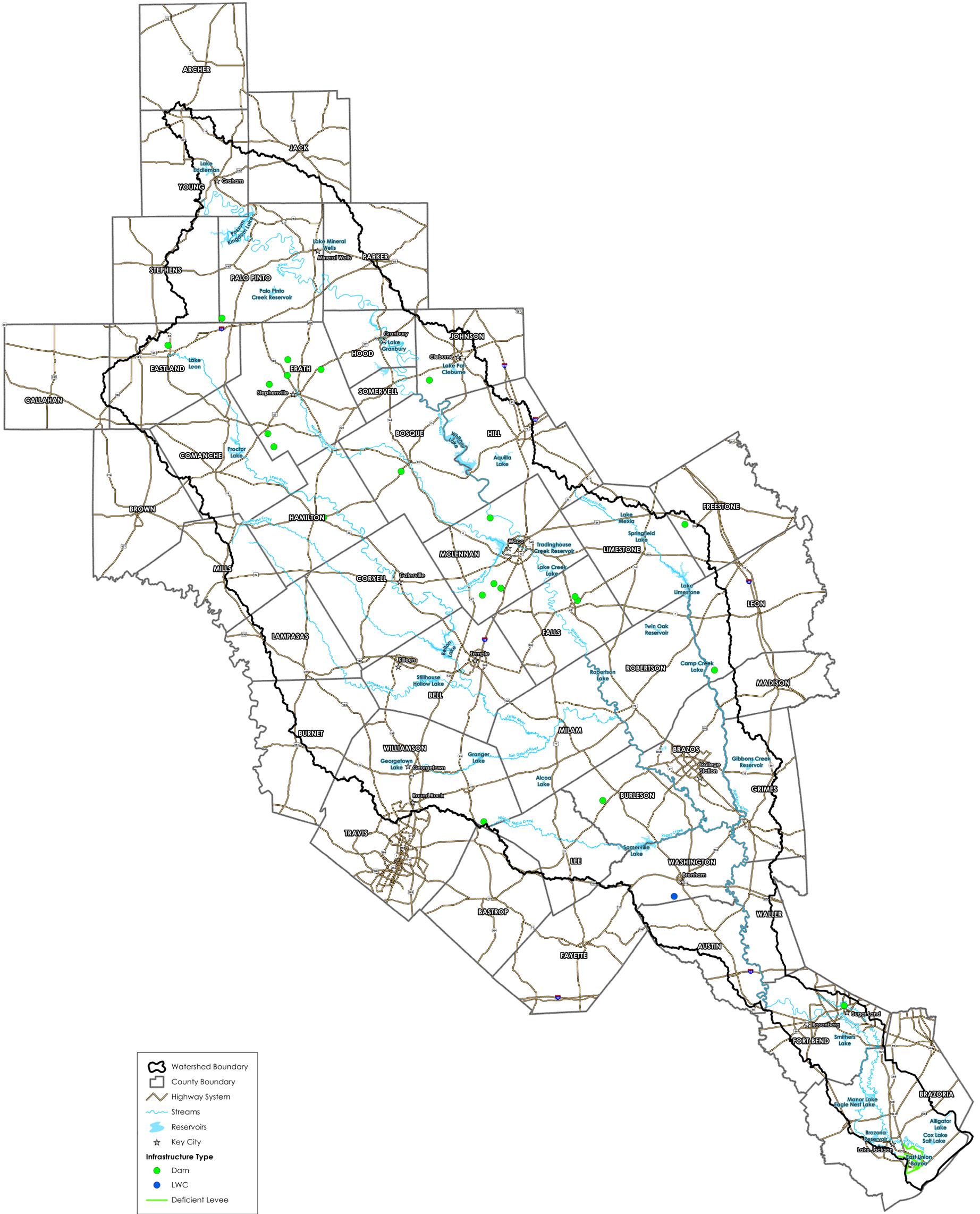
Appendix 0 – TWDB Maps



The FMP extents are represented by a heat map for clarity due to the overlap in extents. More details on these FMPs can be found in Appendix 1.2.

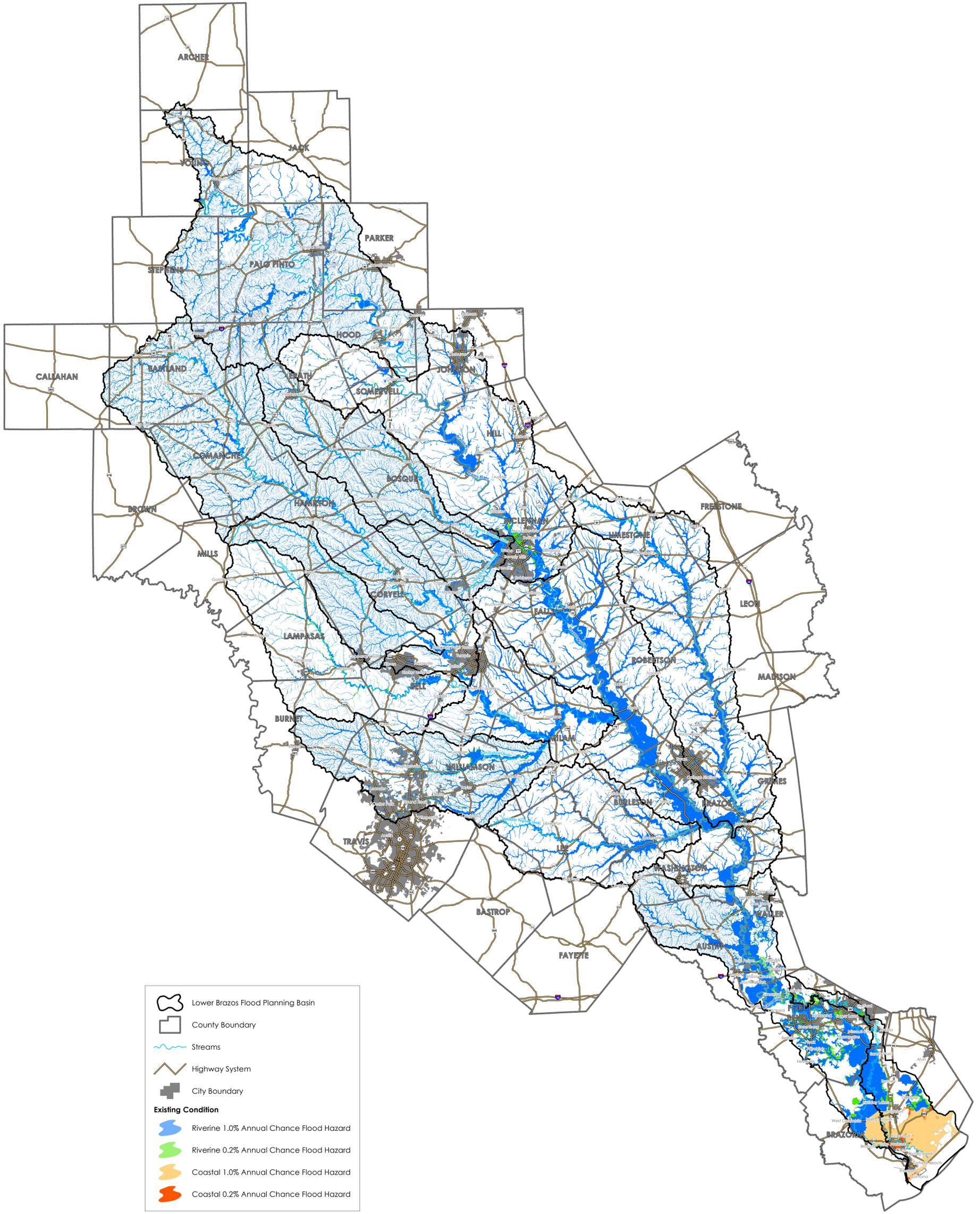


*Projects affecting multiple HUCs were included in the count for each HUC.



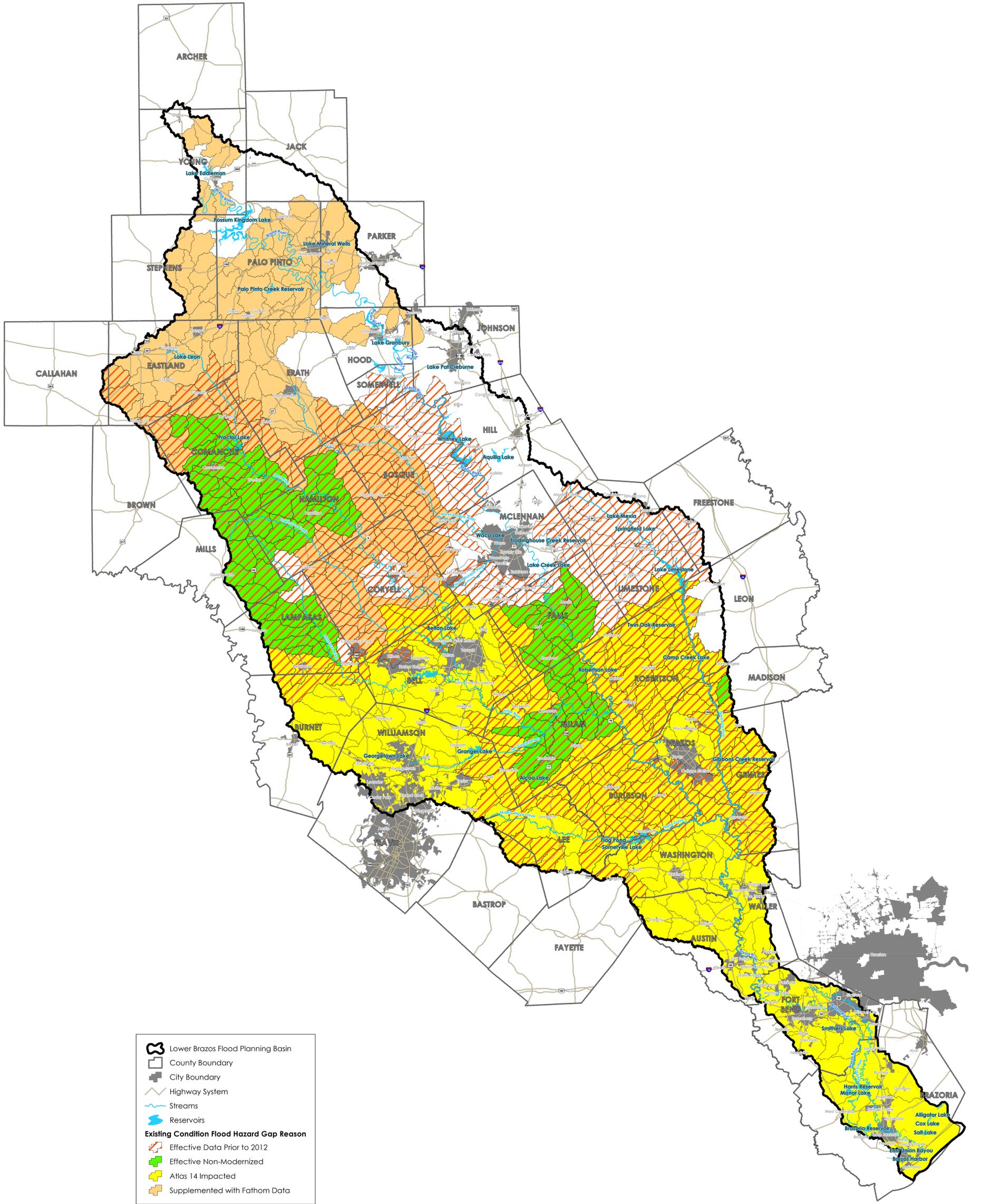
	Watershed Boundary
	County Boundary
	Highway System
	Streams
	Reservoirs
	Key City
Infrastructure Type	
	Dam
	LWC
	Deficient Levee

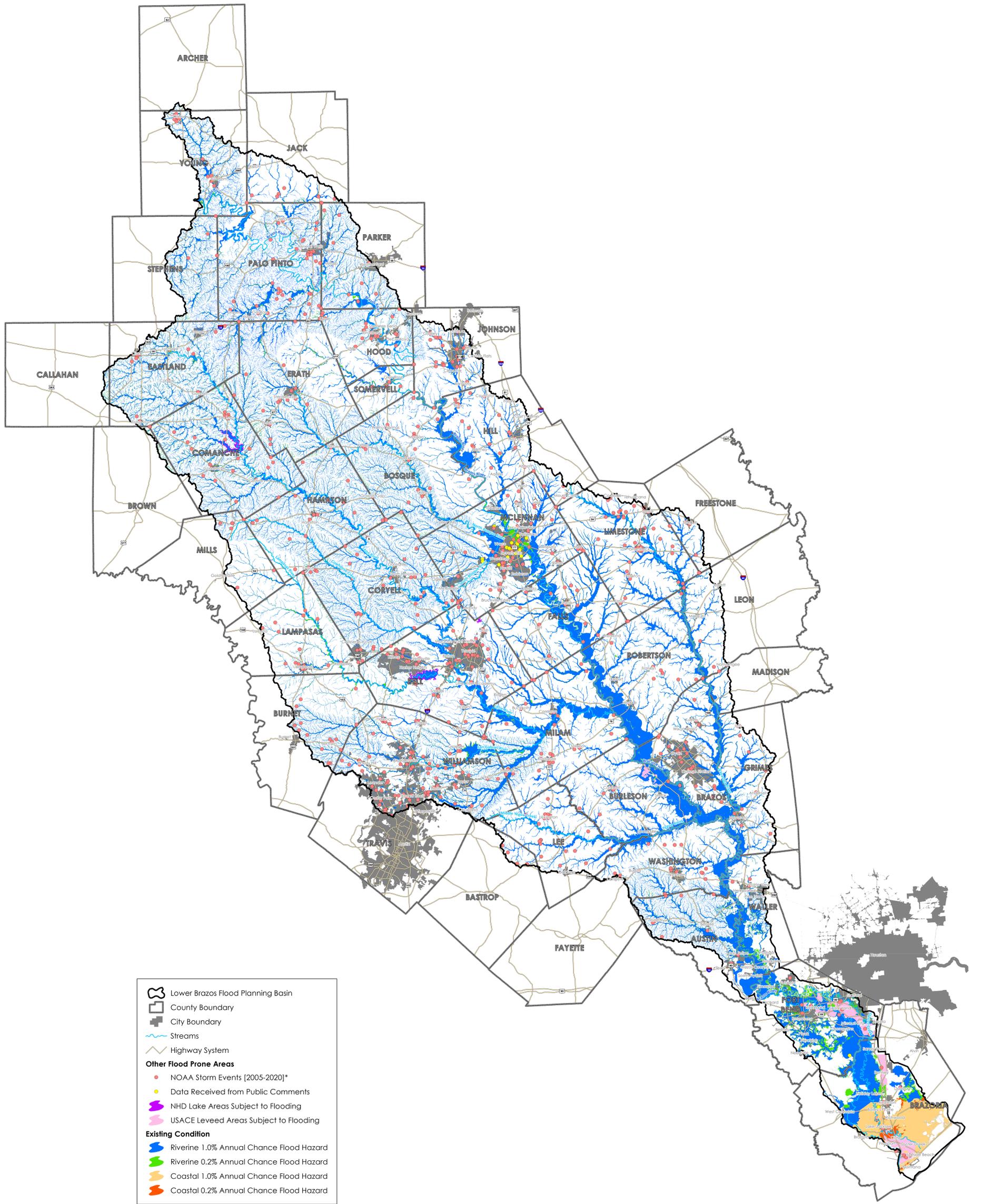




	Lower Brazos Flood Planning Basin
	County Boundary
	Streams
	Highway System
	City Boundary
Existing Condition	
	Riverine 1.0% Annual Chance Flood Hazard
	Riverine 0.2% Annual Chance Flood Hazard
	Coastal 1.0% Annual Chance Flood Hazard
	Coastal 0.2% Annual Chance Flood Hazard

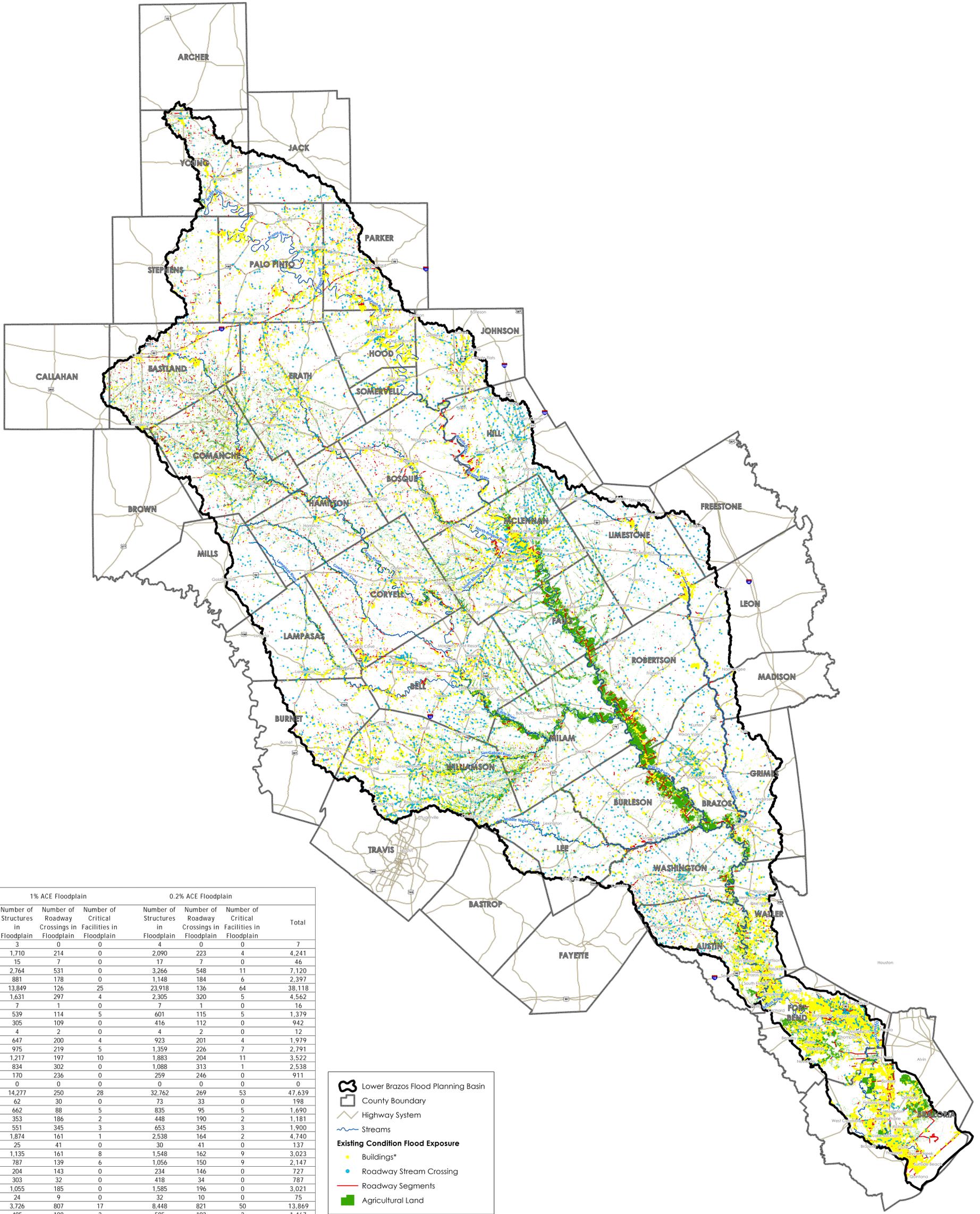






Lower Brazos Flood Planning Basin
 County Boundary
 City Boundary
 Streams
 Highway System
Other Flood Prone Areas
 NOAA Storm Events [2005-2020]*
 Data Received from Public Comments
 NHD Lake Areas Subject to Flooding
 USACE Leveed Areas Subject to Flooding
Existing Condition
 Riverine 1.0% Annual Chance Flood Hazard
 Riverine 0.2% Annual Chance Flood Hazard
 Coastal 1.0% Annual Chance Flood Hazard
 Coastal 0.2% Annual Chance Flood Hazard

*Reported flash flooding, heavy rains, dam or levee breaks, some of which resulted in substantial damages, injuries, or loss of life



County	1% ACE Floodplain			0.2% ACE Floodplain			Total
	Number of Structures in Floodplain	Number of Roadway Crossings in Floodplain	Number of Critical Facilities in Floodplain	Number of Structures in Floodplain	Number of Roadway Crossings in Floodplain	Number of Critical Facilities in Floodplain	
Archer	3	0	0	4	0	0	7
Austin	1,710	214	0	2,090	223	4	4,241
Bastrop	15	7	0	17	7	0	46
Bell	2,764	531	0	3,266	548	11	7,120
Bosque	881	178	0	1,148	184	6	2,397
Brazoria	13,849	126	25	23,918	136	64	38,118
Brazos	1,631	297	4	2,305	320	5	4,562
Brown	7	1	0	7	1	0	16
Burleson	539	114	5	601	115	5	1,379
Burnet	305	109	0	416	112	0	942
Callahan	4	2	0	4	2	0	12
Comanche	647	200	4	923	201	4	1,979
Coryell	975	219	5	1,359	226	7	2,791
Eastland	1,217	197	10	1,883	204	11	3,522
Erath	834	302	0	1,088	313	1	2,538
Falls	170	236	0	259	246	0	911
Fayette	0	0	0	0	0	0	0
Fort Bend	14,277	250	28	32,762	269	53	47,639
Freestone	62	30	0	73	33	0	198
Grimes	662	88	5	835	95	5	1,690
Hamilton	353	186	2	448	190	2	1,181
Hill	551	345	3	653	345	3	1,900
Hood	1,874	161	1	2,538	164	2	4,740
Jack	25	41	0	30	41	0	137
Johnson	1,135	161	8	1,548	162	9	3,023
Lampasas	787	139	6	1,056	150	9	2,147
Lee	204	143	0	234	146	0	727
Leon	303	32	0	418	34	0	787
Limestone	1,055	185	0	1,585	196	0	3,021
Madison	24	9	0	32	10	0	75
McLennan	3,726	807	17	8,448	821	50	13,869
Milam	495	188	3	585	193	3	1,467
Mills	28	50	0	34	52	0	164
Palo Pinto	1,961	277	11	2,487	280	12	5,028
Parker	1,493	166	1	1,747	174	1	3,582
Robertson	928	136	5	1,225	146	5	2,445
Somervell	395	77	10	572	80	11	1,145
Stephens	153	35	0	182	38	0	408
Travis	0	0	0	0	0	0	0
Waller	2,037	116	0	2,729	121	1	5,004
Washington	409	238	2	495	246	2	1,392
Williamson	3,517	834	5	6,186	897	11	11,450
Young	1,051	73	3	1,529	78	6	2,740

Lower Brazos Flood Planning Basin

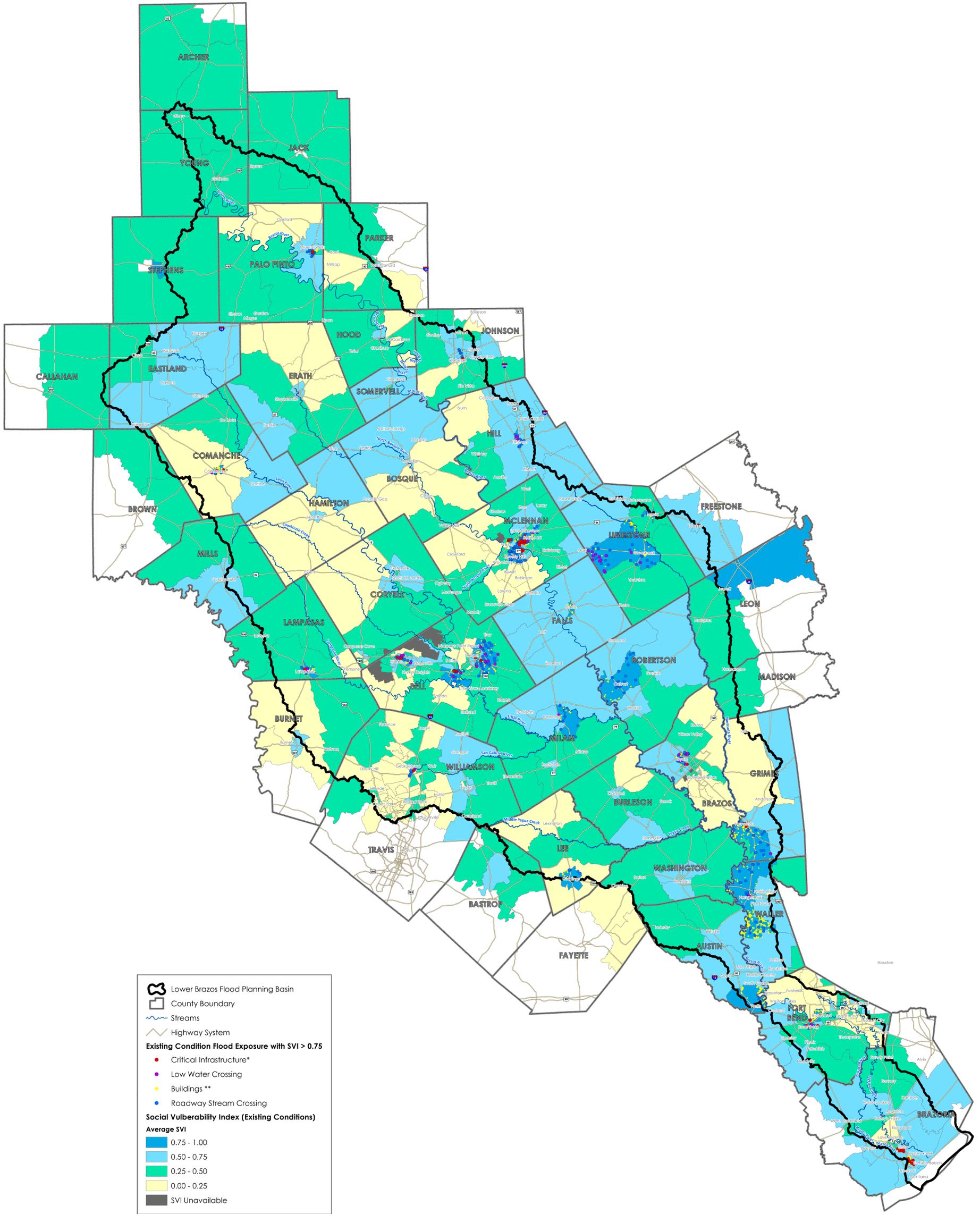
- County Boundary
- Highway System
- Streams

Existing Condition Flood Exposure

- Buildings*
- Roadway Stream Crossing
- Roadway Segments
- Agricultural Land

*Buildings = Agricultural, commercial, industrial, public, residential, and vacant or unknown.

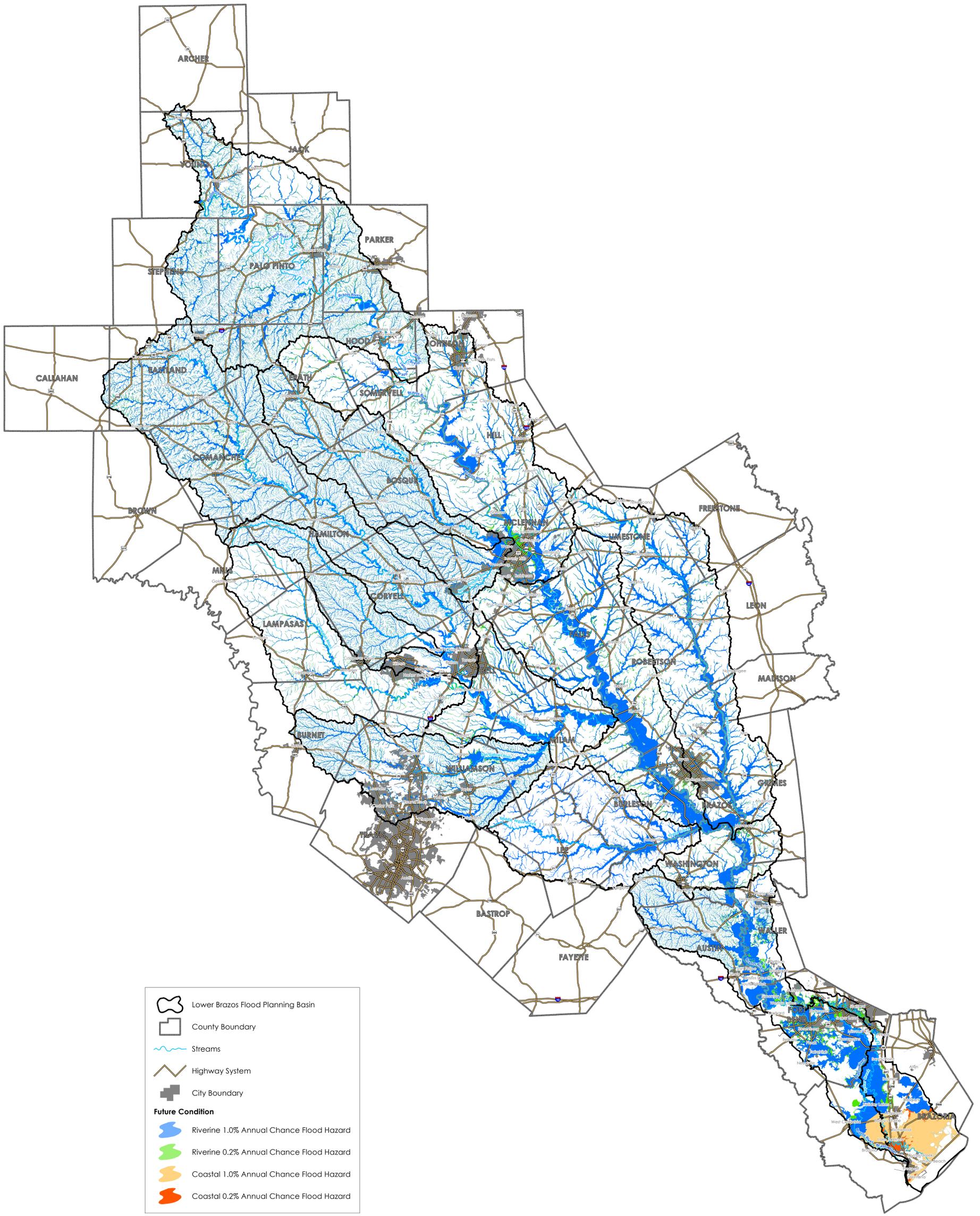




Lower Brazos Flood Planning Basin
 County Boundary
 Streams
 Highway System
Existing Condition Flood Exposure with SVI > 0.75
 Critical Infrastructure*
 Low Water Crossing
 Buildings**
 Roadway Stream Crossing
Social Vulnerability Index (Existing Conditions)
Average SVI
 0.75 - 1.00
 0.50 - 0.75
 0.25 - 0.50
 0.00 - 0.25
 SVI Unavailable

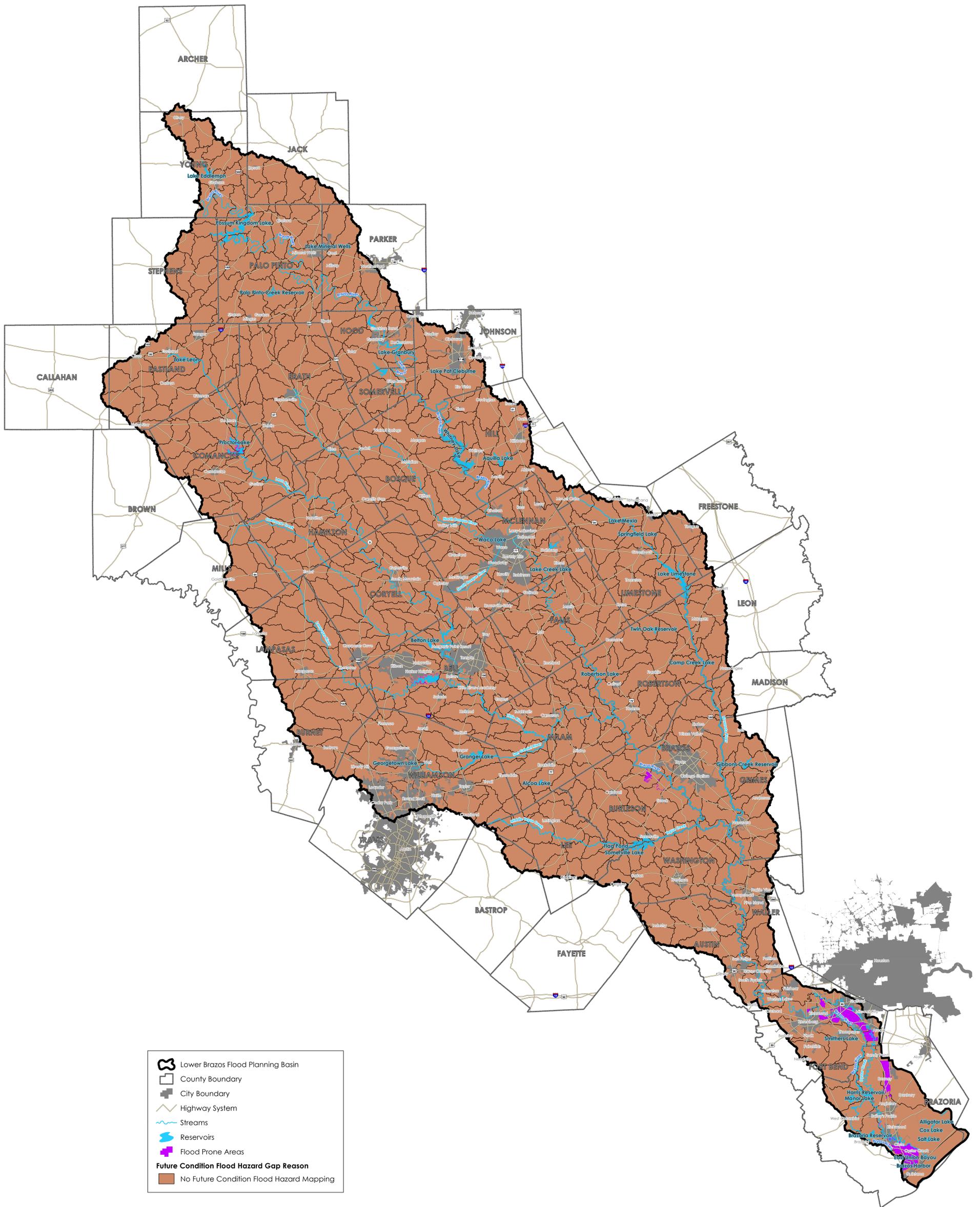
*Critical facilities = Fire, Infrastructure, Medical, Police, Power Generation, School, Shelter, and Water Treatment
 **Buildings = Agricultural, commercial, industrial, public, residential, and vacant or unknown

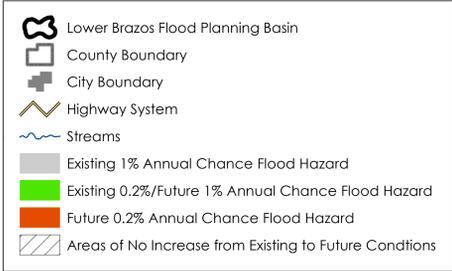
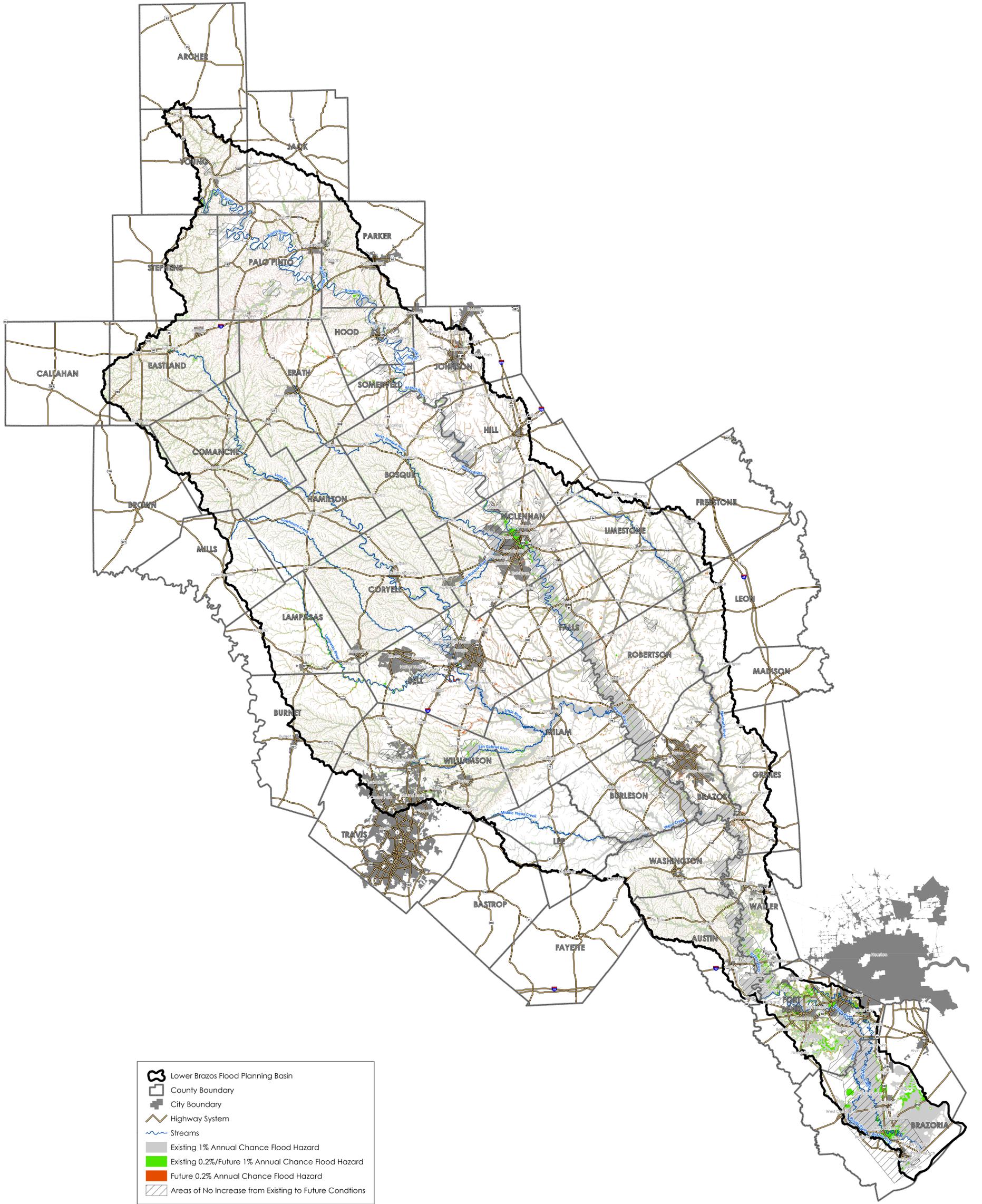


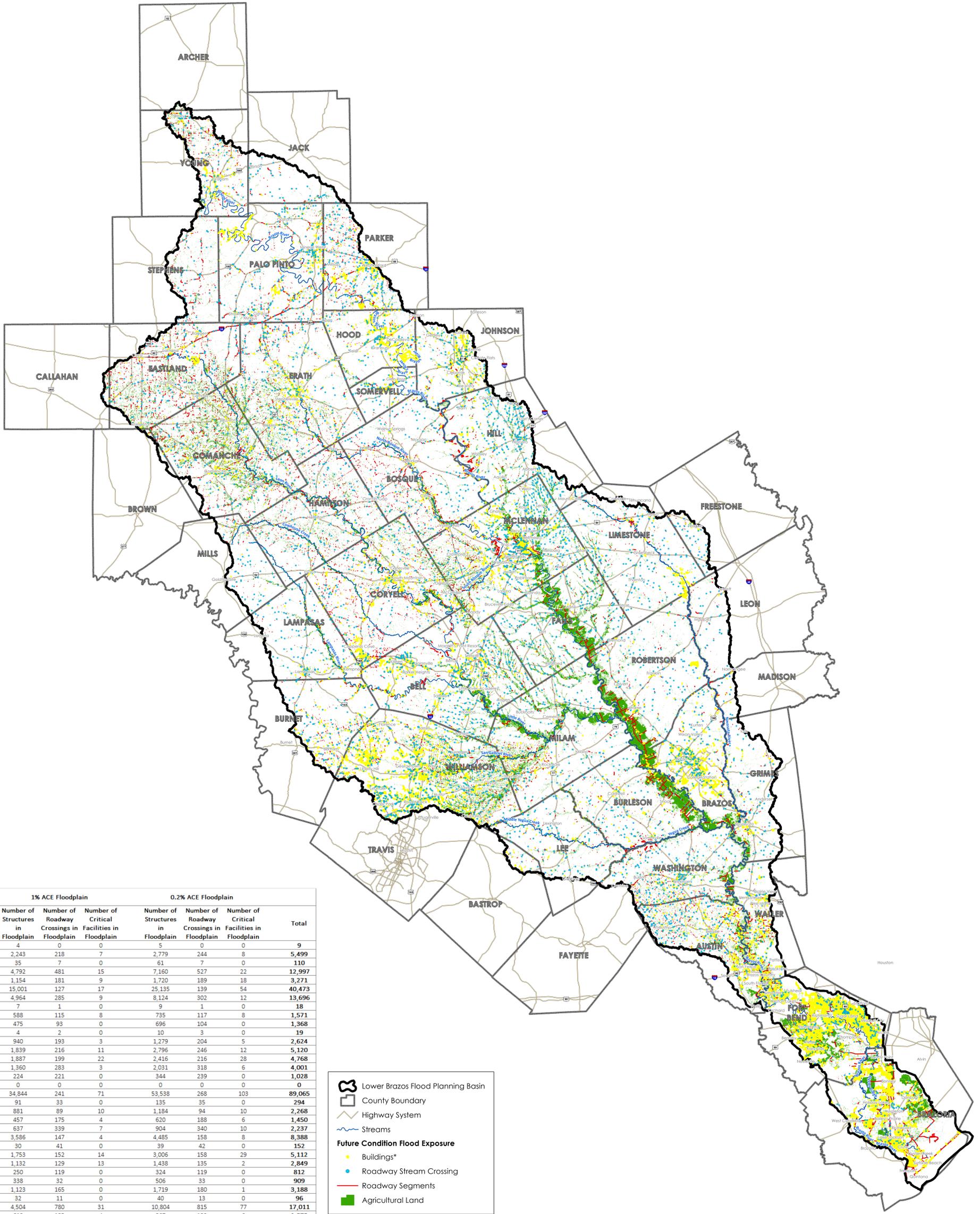


	Lower Brazos Flood Planning Basin
	County Boundary
	Streams
	Highway System
	City Boundary
Future Condition	
	Riverine 1.0% Annual Chance Flood Hazard
	Riverine 0.2% Annual Chance Flood Hazard
	Coastal 1.0% Annual Chance Flood Hazard
	Coastal 0.2% Annual Chance Flood Hazard









County	1% ACE Floodplain			0.2% ACE Floodplain			Total
	Number of Structures in Floodplain	Number of Roadway Crossings in Floodplain	Number of Critical Facilities in Floodplain	Number of Structures in Floodplain	Number of Roadway Crossings in Floodplain	Number of Critical Facilities in Floodplain	
Archer	4	0	0	5	0	0	9
Austin	2,243	218	7	2,779	244	8	5,499
Bastrop	35	7	0	61	7	0	110
Bell	4,792	481	15	7,160	527	22	12,997
Bosque	1,154	181	9	1,720	189	18	3,271
Brazoria	15,001	127	17	25,135	139	54	40,473
Brazos	4,964	285	9	8,124	302	12	13,696
Brown	7	1	0	9	1	0	18
Burleson	588	115	8	735	117	8	1,571
Burnet	475	93	0	696	104	0	1,368
Callahan	4	2	0	10	3	0	19
Comanche	940	193	3	1,279	204	5	2,624
Coryell	1,839	216	11	2,796	246	12	5,120
Eastland	1,887	199	22	2,416	216	28	4,768
Erath	1,360	283	3	2,031	318	6	4,001
Falls	224	221	0	344	239	0	1,028
Fayette	0	0	0	0	0	0	0
Fort Bend	34,844	241	71	53,538	268	103	89,065
Freestone	91	33	0	135	35	0	294
Grimes	881	89	10	1,184	94	10	2,268
Hamilton	457	175	4	620	188	6	1,450
Hill	637	339	7	904	340	10	2,237
Hood	3,586	147	4	4,485	158	8	8,388
Jack	30	41	0	39	42	0	152
Johnson	1,753	152	14	3,006	158	29	5,112
Lampasas	1,132	129	13	1,438	135	2	2,849
Lee	250	119	0	324	119	0	812
Leon	338	32	0	506	33	0	909
Limestone	1,123	165	0	1,719	180	1	3,188
Madison	32	11	0	40	13	0	96
McLennan	4,504	780	31	10,804	815	77	17,011
Milam	618	185	4	867	193	6	1,873
Mills	35	52	0	46	57	0	190
Palo Pinto	2,134	266	15	3,194	338	21	5,968
Parker	2,119	167	1	2,801	221	3	5,312
Robertson	1,171	141	1	1,647	153	6	3,119
Somervell	557	67	7	836	71	13	1,551
Stephens	175	38	0	247	50	0	510
Travis	0	0	0	1	0	0	1
Waller	2,525	111	0	3,197	119	1	5,953
Washington	505	225	2	744	241	20	1,737
Williamson	14,029	792	14	19,116	849	23	34,823
Young	1,488	74	9	1,796	93	10	3,470

Lower Brazos Flood Planning Basin

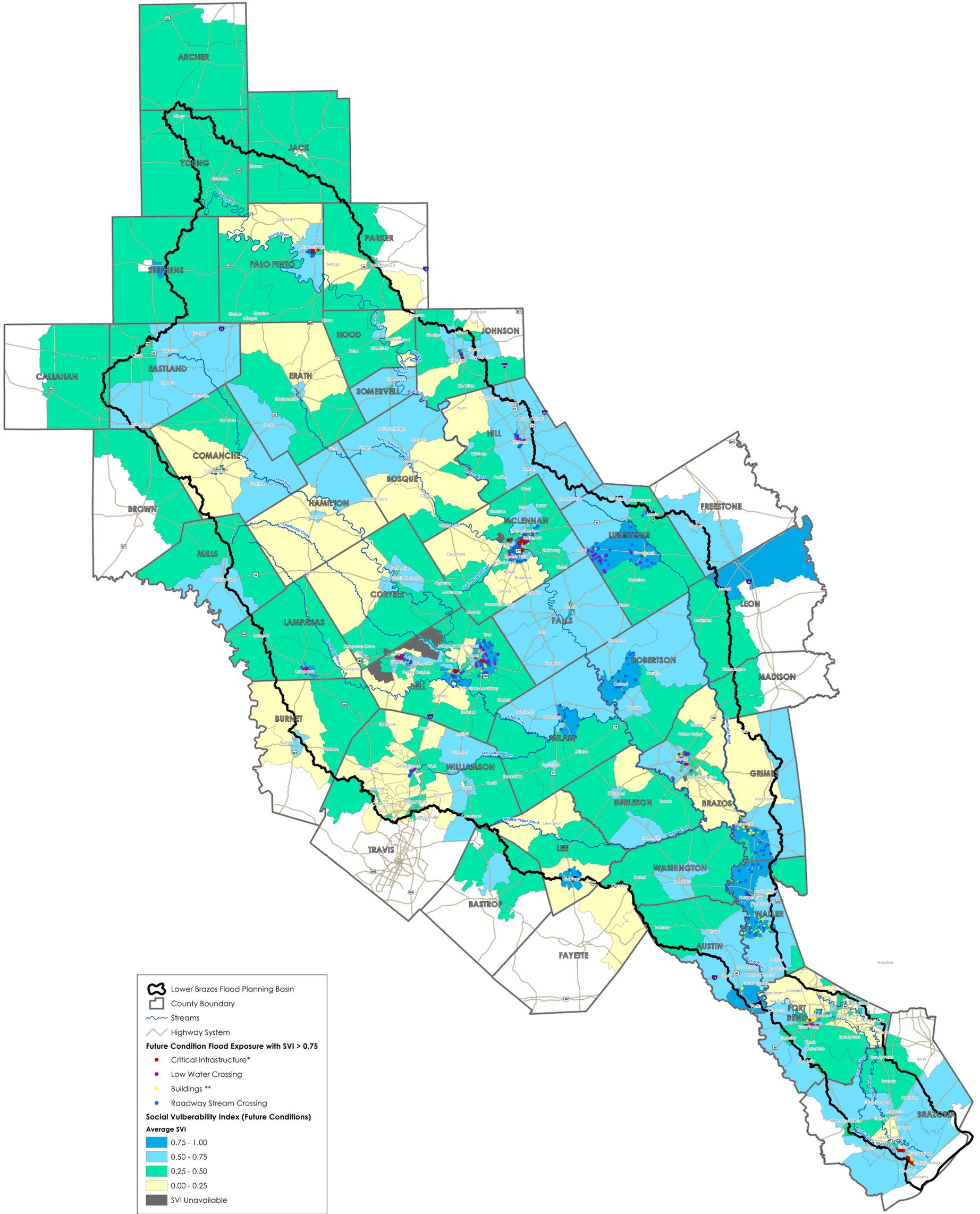
- County Boundary
- Highway System
- Streams

Future Condition Flood Exposure

- Buildings*
- Roadway Stream Crossing
- Roadway Segments
- Agricultural Land

*Buildings = Agricultural, commercial, industrial, public, residential, and vacant or unknown.

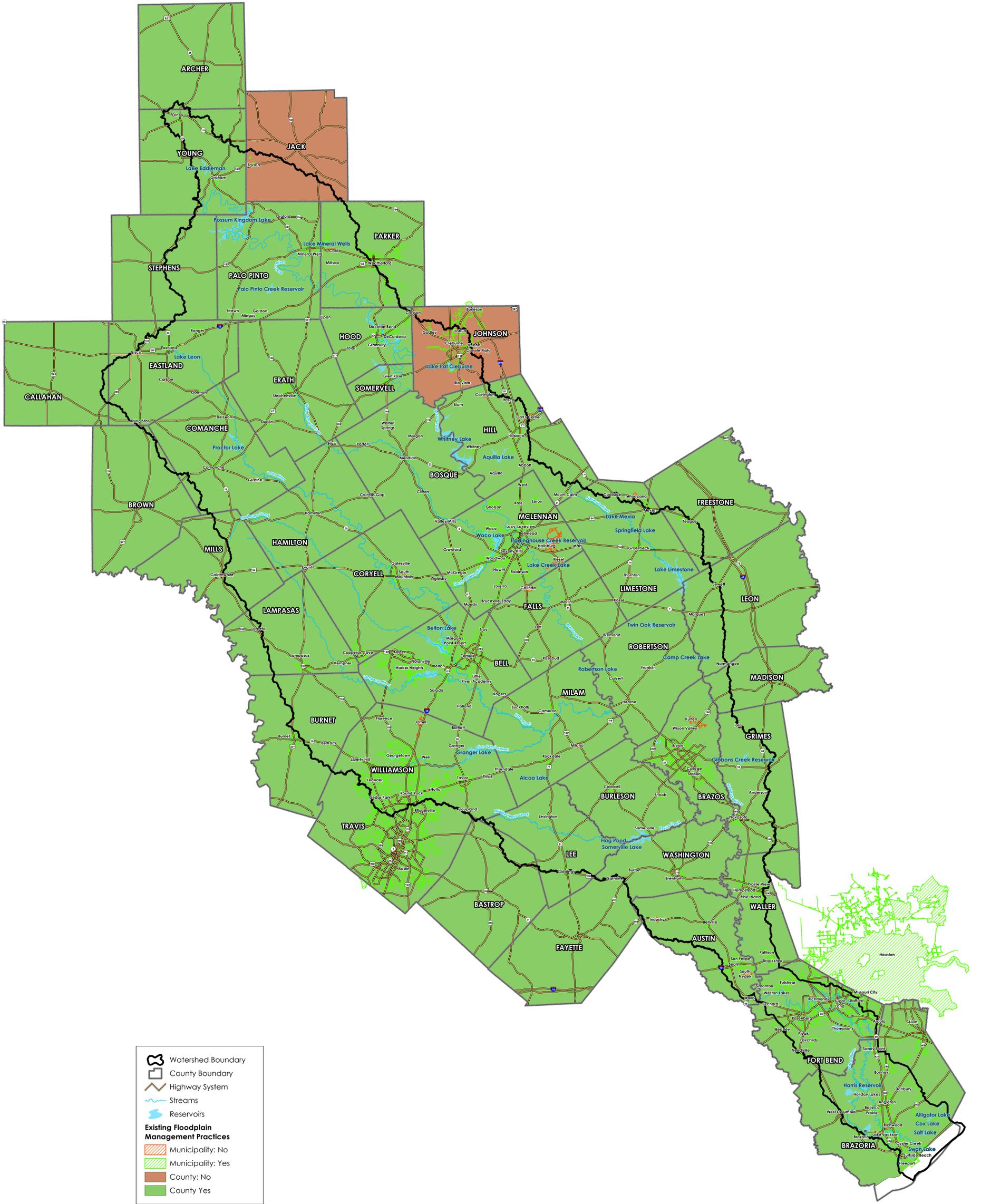


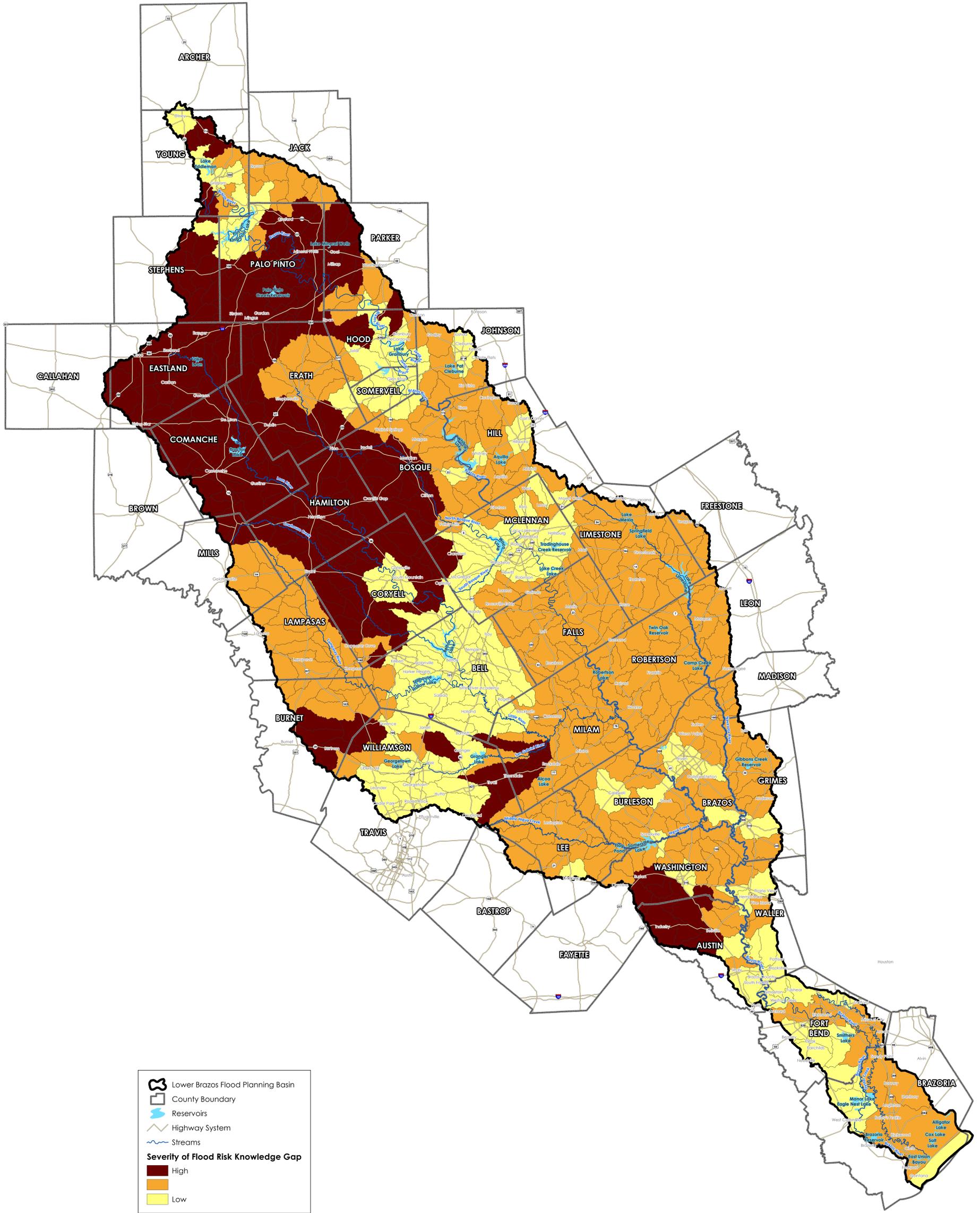


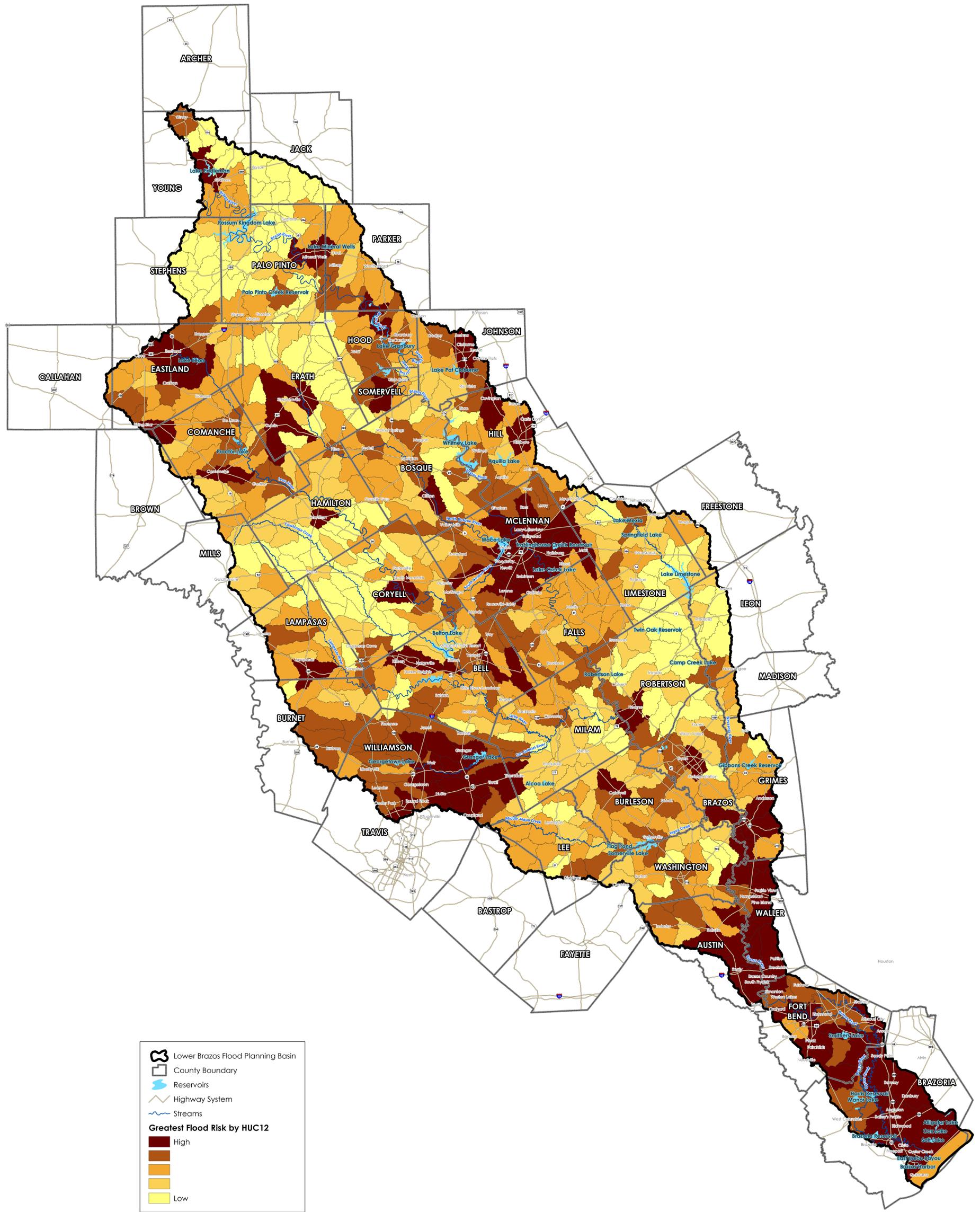
Lower Brazos Flood Planning Basin
 County Boundary
 Streams
 Highway System
Future Condition Flood Exposure with SVI > 0.75
 Critical Infrastructure*
 Low Water Crossing
 Buildings**
 Roadway Stream Crossing
Social Vulnerability Index (Future Conditions)
Average SVI
 0.75 - 1.00
 0.50 - 0.75
 0.25 - 0.50
 0.00 - 0.25
 SVI Unavailable

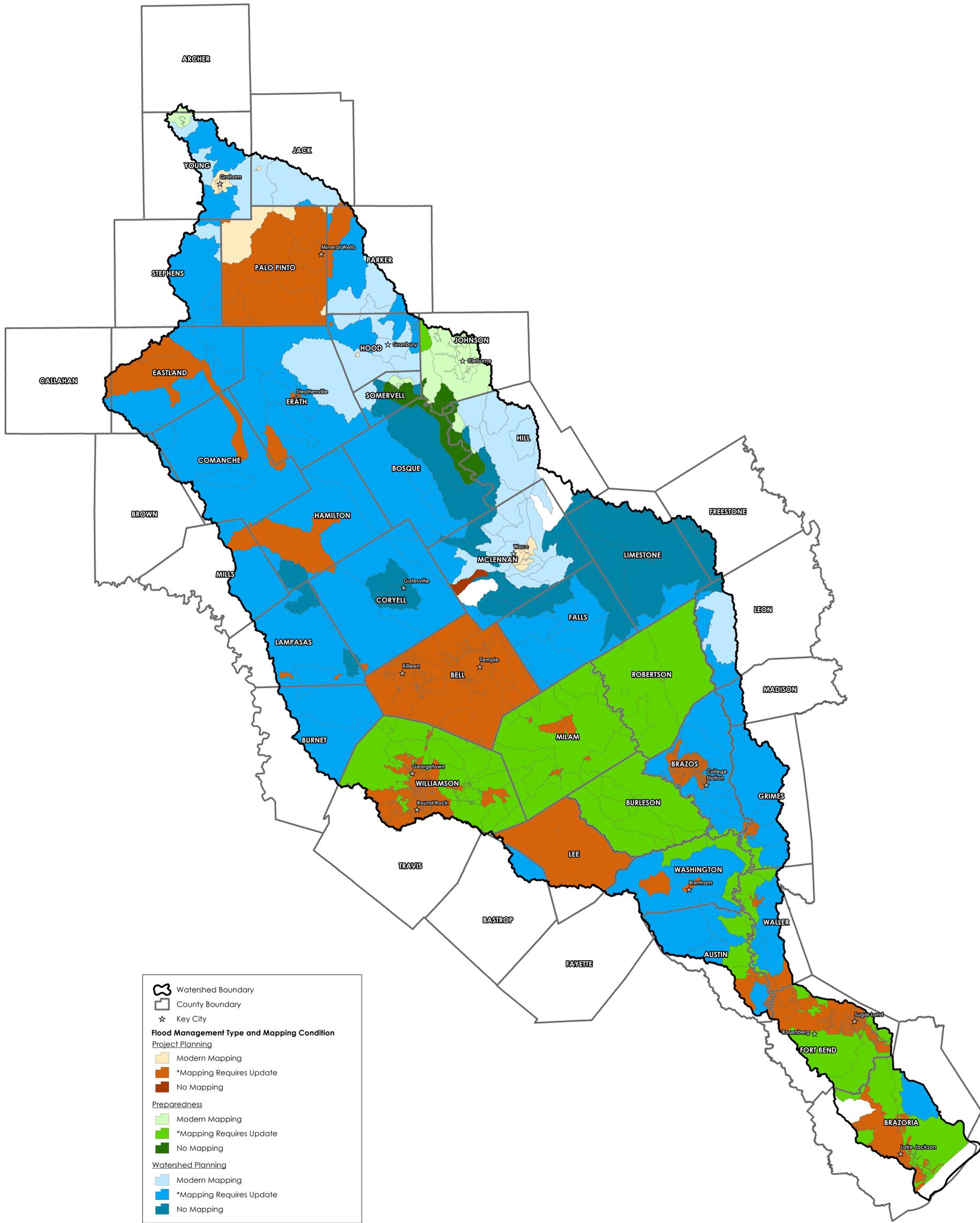
*Critical Facilities = Fire, Infrastructure, Medical, Police, Power Generation, School, Shelter, and Water Treatment
 **Buildings = Agricultural, commercial, industrial, public, residential, and vacant or unknown











Watershed Boundary
 County Boundary
 Key City

Flood Management Type and Mapping Condition

Project Planning

- Modern Mapping
- *Mapping Requires Update
- No Mapping

Preparedness

- Modern Mapping
- *Mapping Requires Update
- No Mapping

Watershed Planning

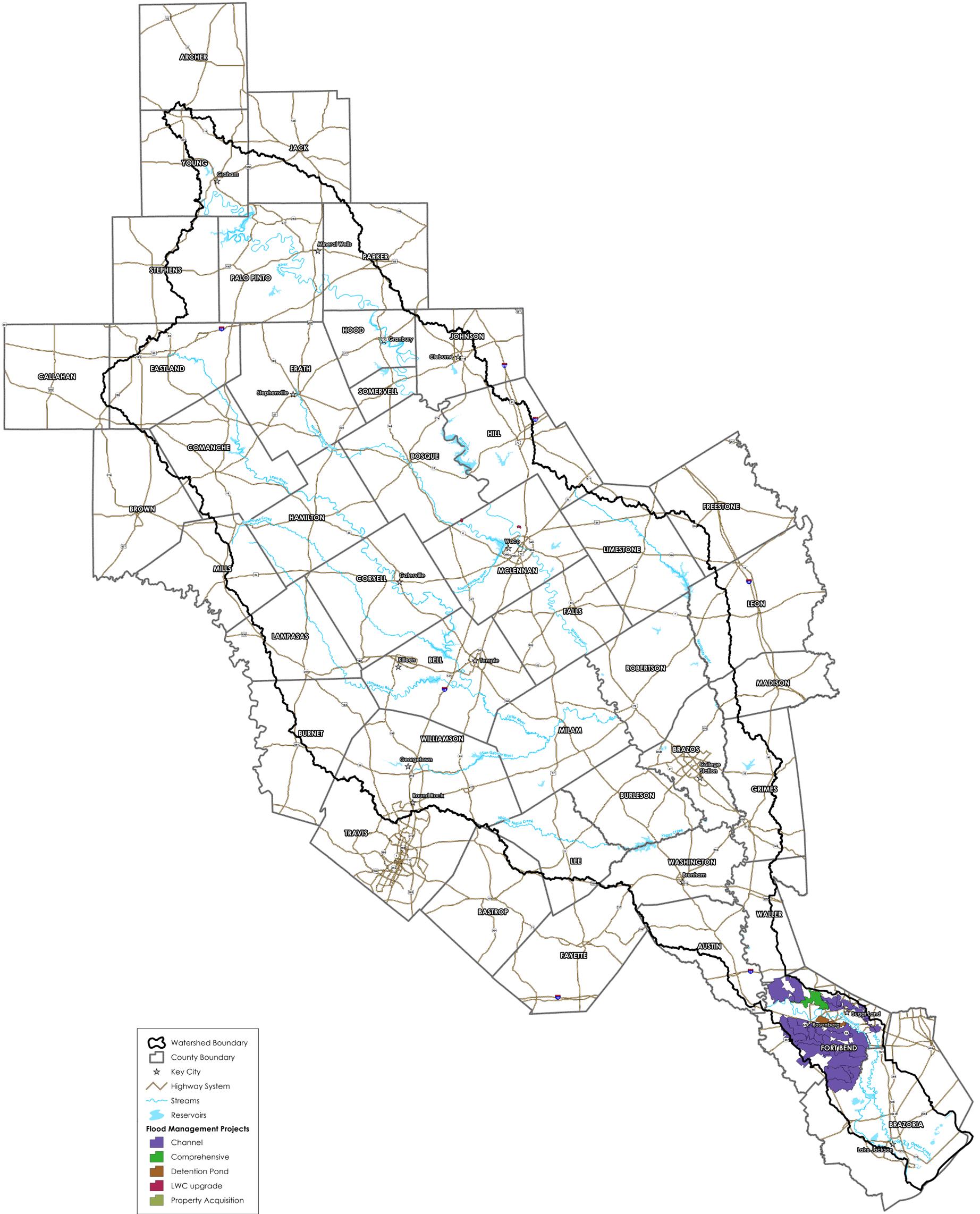
- Modern Mapping
- *Mapping Requires Update
- No Mapping

*Mapping requires updates when it is found to meet the following conditions

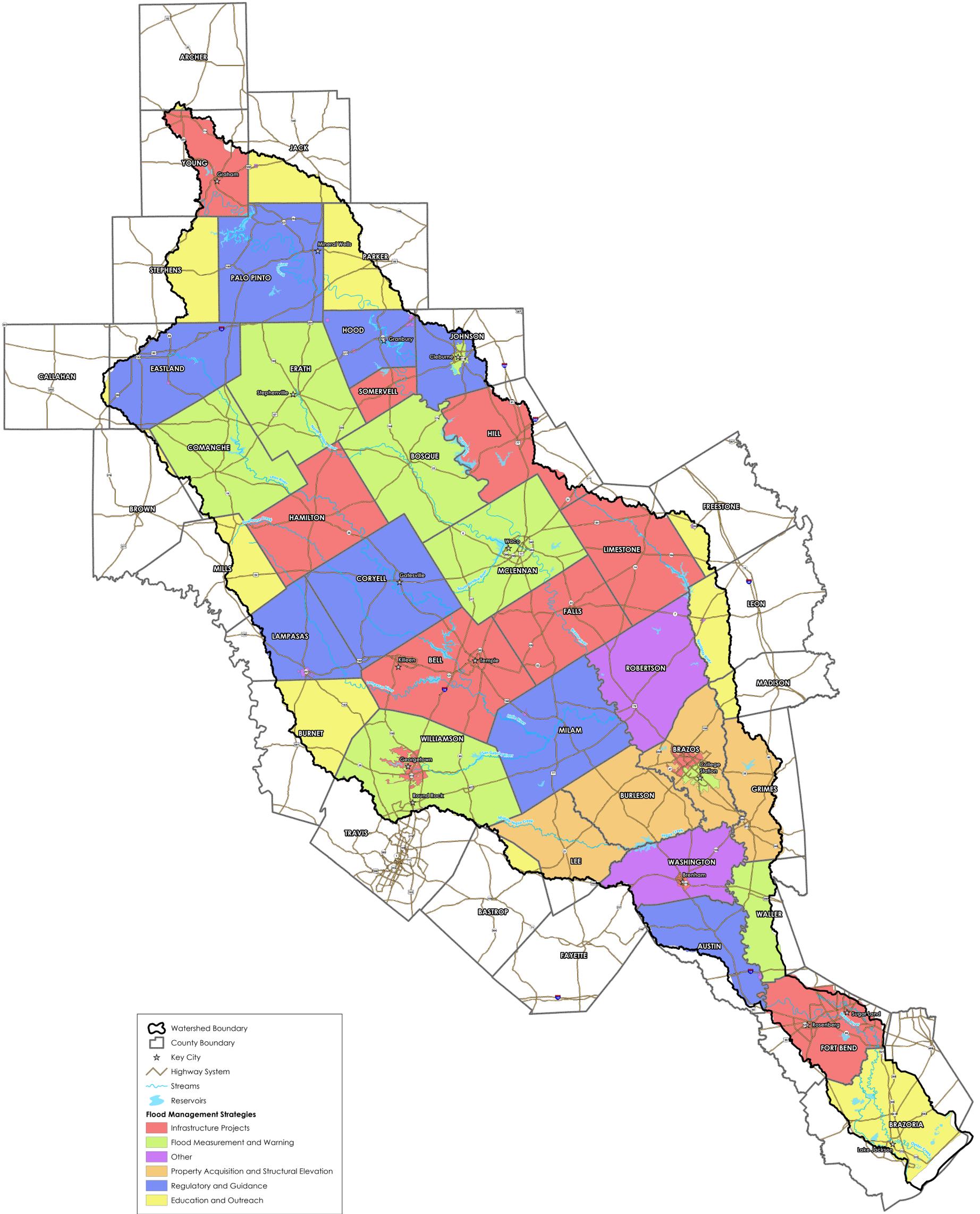
- Effective FEMA mapping is more than 10 years old
- Effective mapping is non-modernized
- Mapping is affected by Atlas 14 updates

See Map 5 for more information on existing flood map gaps

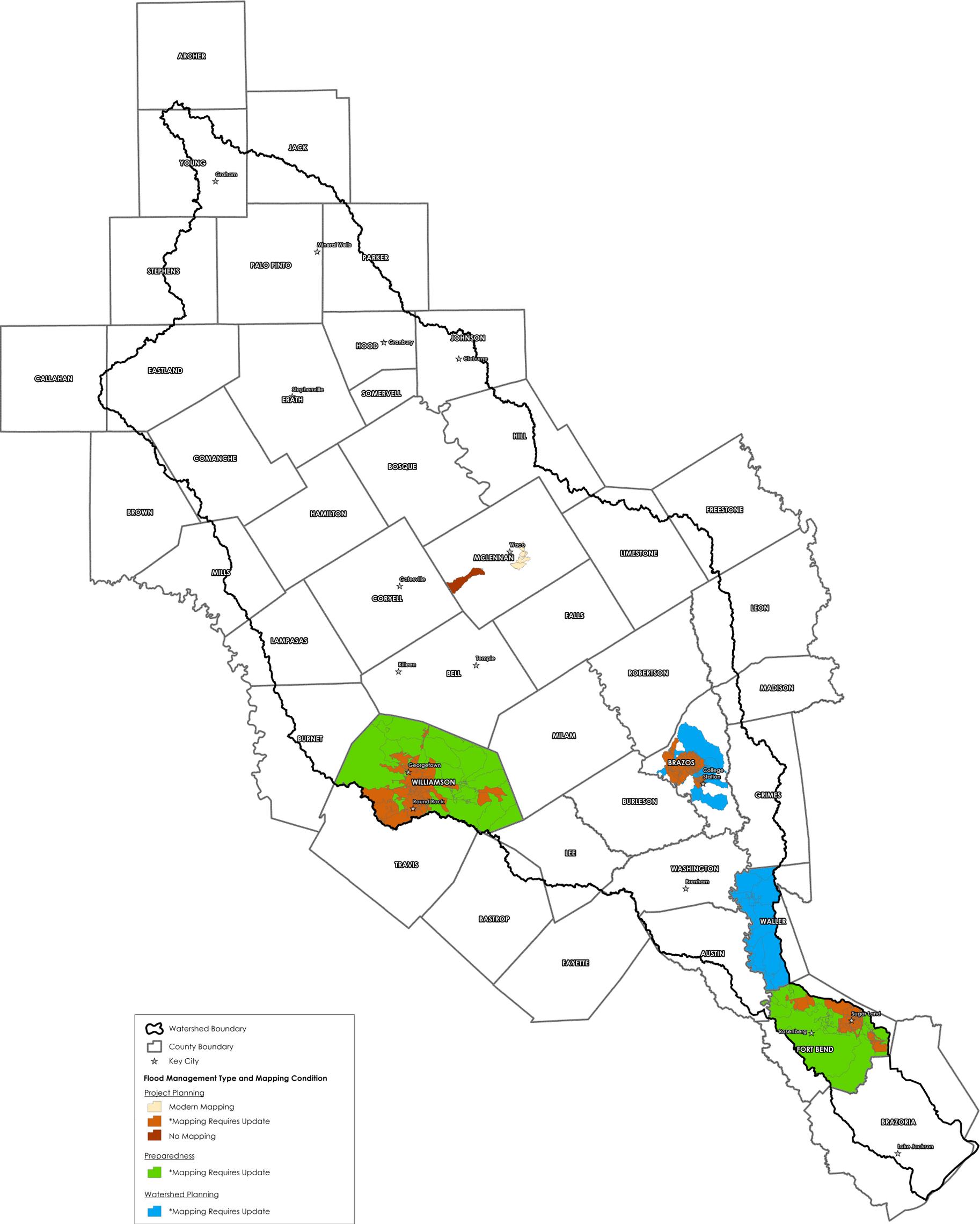




Due to overlaps the full extent of all FMSs are not visible. More details on all of the FMSs can be found in Appendix 4.1.



Due to overlaps the full extent of all FMEs are not visible. More details on all of the FMEs can be found in Appendix 4.1.



Legend

- Watershed Boundary
- County Boundary
- Key City

Flood Management Type and Mapping Condition

Project Planning

- Modern Mapping
- *Mapping Requires Update
- No Mapping

Preparedness

- *Mapping Requires Update

Watershed Planning

- *Mapping Requires Update

*Mapping requires updates when it is found to meet the following conditions

- Effective FEMA mapping is more than 10 years old
- Effective mapping is non-modernized
- Mapping is affected by Atlas 14 updates

See Map 5 for more information on existing flood map gaps



