The Burleson Fire Department has had nine chiefs since 1925. They include A.W. Haskew (1925), Ben Hill (1946), Charles E. Newby (1952), Chester Smith (1979), Charles E. Newby (1980), Bob Green (1981), John Crocker (1985), Kerry Kinney (1993) and Gary A. Wisdom (1998 to present). Chief Wisdom is the department's first full-time paid fire chief.

The Burleson Police Department has had at least eight chiefs of police since the 1960s. They include William Altizer (February 1962-August 1964), William Howe (August 1964-January 1966), Homer Barns (March 1966-December 1982), Don Maxon (February 1983-August 1984), Keith Rippy (April 1985-February 1988), Roger Rountree (June 1988-April 1993), Harvey Hightower (November 1993-June 2001) and Tom Cowan (November 2001 to present).

The Burleson Public Library has been led by five directors since the 1970s. Sandy Babb was part-time (volunteer) in 1971, part-time paid as of October 1975, then full-time director of library services in June 1980 until she retired in January 2001. She is still employed by the library as a part-time librarian. L.G. Swift took over as director in February 2001 and served until September 2003. Beth Perry was the director, February 2004-March 2007, and Gayla Tennison served in that role, July 2007-April 2009. Rod Bland is the current director (October 2009 to present).

The City Manager post has been under the leadership of 11 city managers since the citizens approved the Home Rule Charter in 1969. Those city managers include D.R. Ward, 1970; Frank A. Proctor Jr., 1971-1973; Homer Barns, 1974; Ronald W. Harmon, 1974-1976; James R. England, 1976-1979; Mark P. Sowa, 1979-1983; Ron Crabtree, 1984-1988; Jack Eades, 1988-1992; Kay Godbey, 1993-2001; Bill Davison, 2001-2006; and, Curtis Hawk, 2006-present. There have also been deputy city managers and executive directors who have served with city managers. They include Jean Crawley (September 1993-September 2001, executive director and October 2001-January 2002, deputy city manager); Bill Davison (September 1993-October 2001, executive director); Curtis Hawk, March 2002-January 2006; Paul Cain, April 2002 to the present; and David Wynn, October 2007-June 2010.

The City Secretary's office has had 16 city secretaries since 1912. The daily operations had been the responsibility of the city secretary until 1969 when the Home Rule Charter was adopted by the citizens. The city secretaries include G.W. Dobson, 1912; W.R. Taylor, 1913-1914; C.C. Taylor, 1915-1919; T.A. Jenkins, 1920; A.H. Loyless, 1921-1933, 1935; R.W. Levey, 1934, 1936, 1938; J.T. Scott, 1937; N.L. Clark, 1939-1948; Boyd Scott, 1949-1954; Ray Bentley, 1954-1967; Homer Barns, 1969; Sandra Barabas, 1970-1971; Barbara Martin, 1972; Jean Walker Phillips, 1972-1999; Mary Kayser, 1999 -2006; and, Amanda McCrory, 2007-present.

Communications was part of the city manager's office in the early 2000s, then became part of the Neighborhood Services Department in fiscal year 2004-2005. Sheri Campbell-Husband served as a part-time public information officer until June 2007 when the Communications Division was created and Sally Ellertson became the City's first (and current) full-time public information officer.

Community Development has had three leaders at the helm since 1997. Mark Lewis served October 1997-November 2004; Clayton Husband served November 2005-April 2007; and Shai Roos served May 2008-January 2012.

Economic Development has had three directors since 1996. They include Jack Thompson (December 1996-July 2002), Allison Thompson (August 2003-April 2007) and Bradley Ford (November 2009 to present). Between 2007 and 2009 economic development was under the city manager's office.

The Engineering Department has been served by five directors since 1985. They include Rex Williams (June 1985-June 1987), James Caswell (November 1992-May 2001), David Wynn (April 2002-October 2007), Aaron Russell (May 2008-September 2010) and Laura Melton (October 2010 to present).

The Finance Department has been under the leadership of eight. They include Don Young (April 1973-December 1973), Larry Ferguson, James England (1975-1976), Joe Barrett (1976-1982), Frank Trando (October 1982-November 1985), Joe Barrett (January 1986-January 1988), Charlie Harris (April 1988-September 1990), Monte Mercer (October 1990-May 1992), Charlie Harris (August 1992-October 1995 and April 1996-August 2006) and Rhett Clark (February 2007 to present).

Fire Marshal/Fire Prevention has had four leaders since 1982. They include Chester Smith (1982-1986), Richard Devoe (July 1986-November 1987), Richard Russell (February 1988-May 1991) and Stacy Singleton (June 1991 to present).

Hidden Creek Golf Course opened in 1997 and was operated by a management company for the first five years. The golf course became a City department in April of 2002 and Dave White was hired as the first (and current) director.

Human Resources has had seven directors/managers (personnel was included under the finance department until 1986). They include Jack Cummings (Oct. 1986-June 1992), Kimberly Hobscheid (April 1993-November 1993), Janet Melancon (March 1994-May 1997), Lynn Thornton (November 1997-July 2000), Analeslie Muncy (October 2000-December 2005), Mark Bryza (December 2005-May 2006) and Maria Reed (October 2006 to present).

Information Technology became a City department in August 2004. Mark Eder was hired as the first (and current) IT director.

Municipal Court has had one director, Constance White, since June 2008.

Neighborhood Services (animal services, code enforcement, and environmental services) has had two directors. Sheri Campbell-Husband served June 2004-November 2008 and Lisa Duello has served since January 2009.

Parks and Recreation has had four directors since March 1980. They include Dave Petika (March 1980-January 1984), Doug Evans (November 1984-February 1993), David Fain (July 1993-May 1994) and Peter Krause (October 1994 to present).

Public Works has had six directors since 1975. Those directors include Barney Ballard (August 1975-June 1976), Carroll Lilly (October 1977-February 1979), John Wilkes (December 1979-September 1981), Bill Davison (October 1981-September 1997), Dave Stringer (October 1997-March 2008) and Aaron Russell, May 2008 to the present.