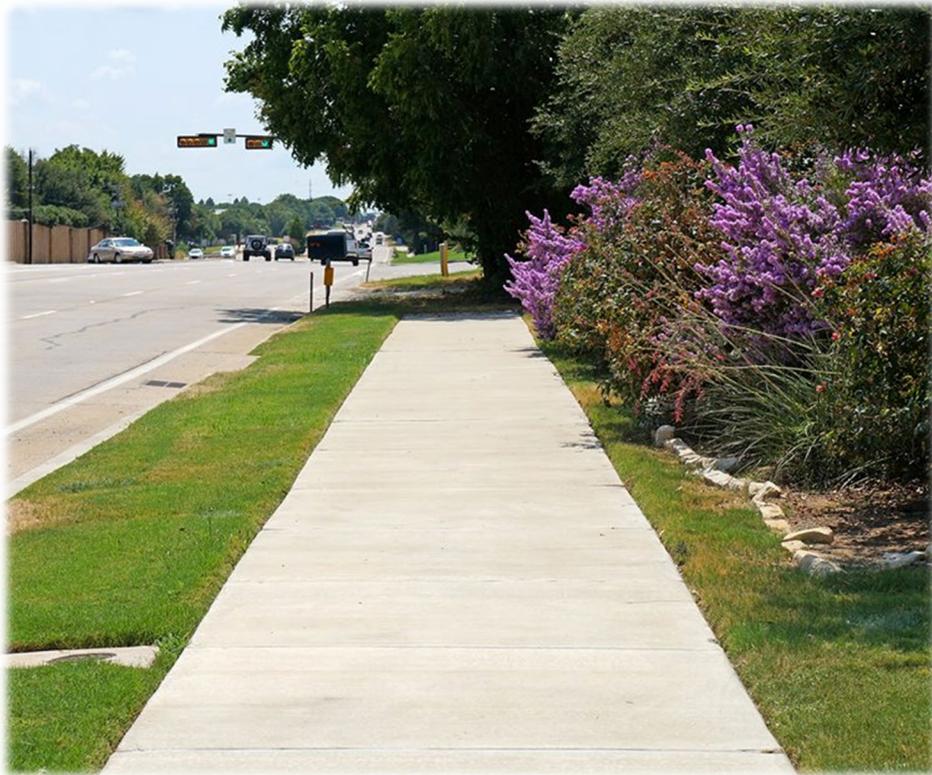




# SIDEWALK MASTER PLAN

## 2019



## Executive Summary

Over the years the City has identified a need to improve the pedestrian network in the community. One of the strategic goals developed from the City Councils' 2019 strategic workshop was for development of a Sidewalk Master Plan. This goal embodied in the Action Objectives of the City's adopted 2016 Comprehensive Plan as Mid-Term Actions 15 and 16 which are:

- Compile a detailed inventory of the existing sidewalk system throughout the City
- Develop a Sidewalk Master Plan separately, or in conjunction with a City-wide Trails Plan.

Due to the City needing so many linear feet of sidewalks throughout the entire community, this Sidewalk Master Plan is a separate plan from a Trails Plan. However, future planned trails within the community are taken into account in the development of this plan.

Sidewalks throughout a community provide the residents and visitors an enhanced quality of life by providing a safe and walkable means of travel. While providing benefits for exercise and less vehicle travel, pedestrians in and about in the community provide context for improving community relationships and mitigating nuisances throughout the City. The community's youth is highly in need of a safe and accessible sidewalk network to traverse throughout the City.

With many miles of sidewalk needed across the entire City, where do we start? For this plan, the primary focus will be establishing a network of Major Sidewalks throughout the community. These sidewalks will become the skeleton of the City's sidewalk system. Major Sidewalks are proposed along higher traffic streets, where more pedestrians travel occurs, or to provide connectivity through neighborhoods. Over time, with Major Sidewalks established, Neighborhood Sidewalks can be planned and constructed to connect individual streets and/or neighborhoods.

Due to the amount of sidewalk needed in the City, this plan proposes a Major Sidewalk on one side of the street mapped or described. That being said, this plan provides for planning of 10.0 miles (52,625 feet) of Major sidewalks in the City. The Major Sidewalk projects prioritized herein include 6.2 miles (32,900 feet) of sidewalk projects.

## Introduction

The City of Marble Falls has a goal of building pedestrian infrastructure throughout the City to support quality of life, safety, and an active community. To accomplish this goal, the City has developed this Sidewalk Master Plan. Sidewalk infrastructure has a number of benefits seen throughout the community, including enhancing bicycle and pedestrian safety, improving air pollution and vehicle congestion by providing an alternative means of travel, and encouraging an active lifestyle.

The purpose of this plan is to identify existing infrastructure, develop a plan for major sidewalks, and set standards for future growth that agree with our Comprehensive Plan and Downtown Master Plan.

The goals of City's Sidewalk Master Plan are:

- Enhance sidewalk network including but not limited to: adding new sidewalks, connect existing disjointed sidewalks, and upgrade undersized sidewalks
- Plan and establish a network of Major Sidewalks throughout the City to facilitate planning of future sidewalks in and among neighborhoods
- Improve walkability and safety for pedestrians walking throughout the City students traveling to/from school
- Expand connectivity to community facilities (trails, parks, schools, etc.) for residents
- Encourage outdoor activity, park usage, and
- Improve community walkability and disabled persons' accessibility to sidewalk network
- Create a framework for implementing sidewalk construction and project prioritization
- Sidewalk planning and coordination with the Comprehensive Plan, Downtown Master Plan, and Capital Improvement Plan

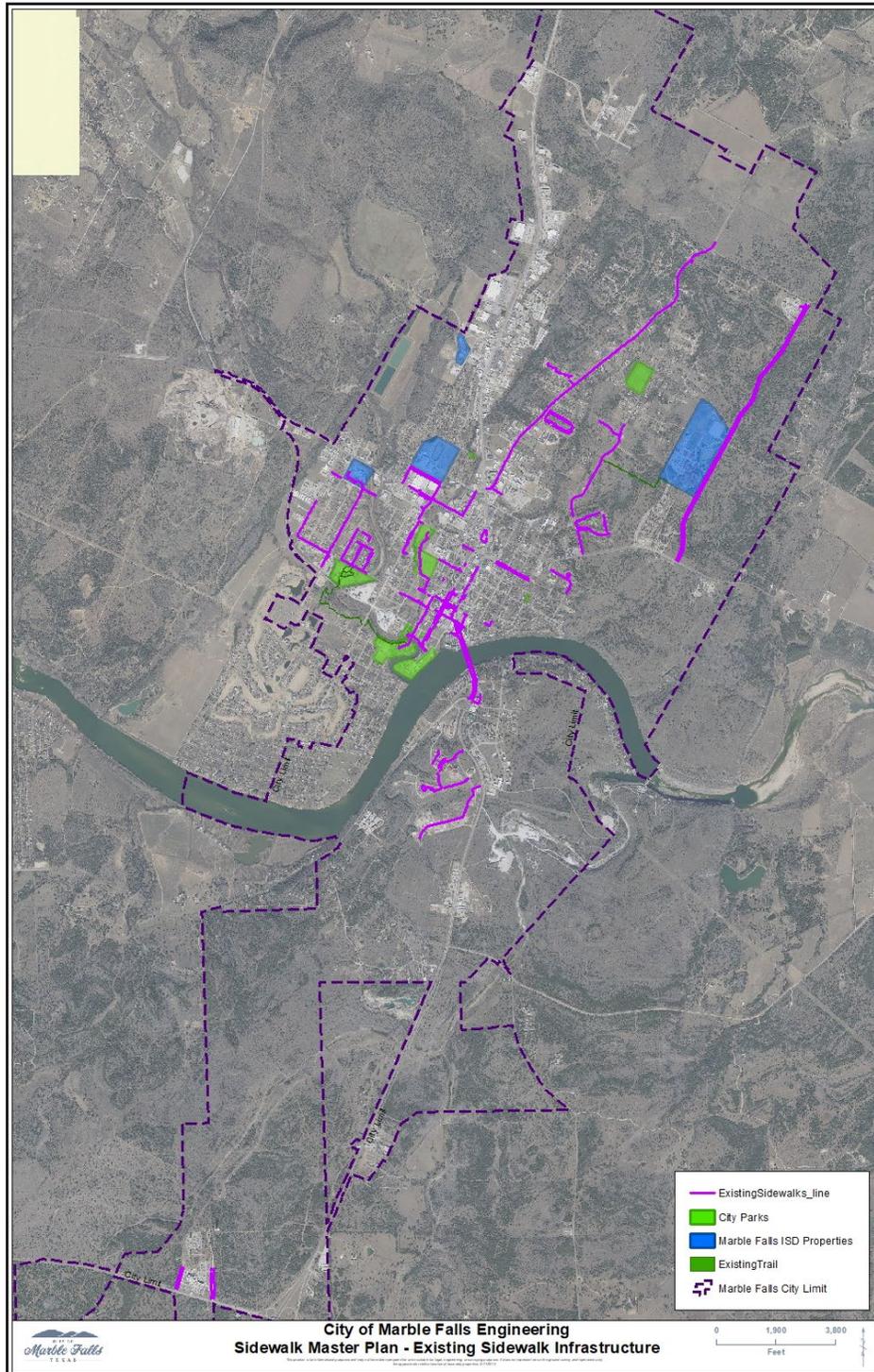
The Sidewalk Master Plan identifies 4 different types of sidewalks:

- Major Sidewalks – generally, 6 to 8-foot or wider concrete sidewalk
- Neighborhood Sidewalks – 5 to 6-foot wide concrete sidewalks connecting to major sidewalks or the trail system
- Multi-use Paths (Hike and Bike Trails) – these are minimum 10-foot wide paths, either crushed granite or concrete, that are found around the City, primarily in our park areas.
- TxDOT Sidewalks – sidewalks within the TxDOT ROW

This plan focuses on developing a series of the major sidewalks throughout the City, which includes a combined total of almost 30 miles of new sidewalks and multi-use paths. The proposed plan is shown below.

## Existing Conditions

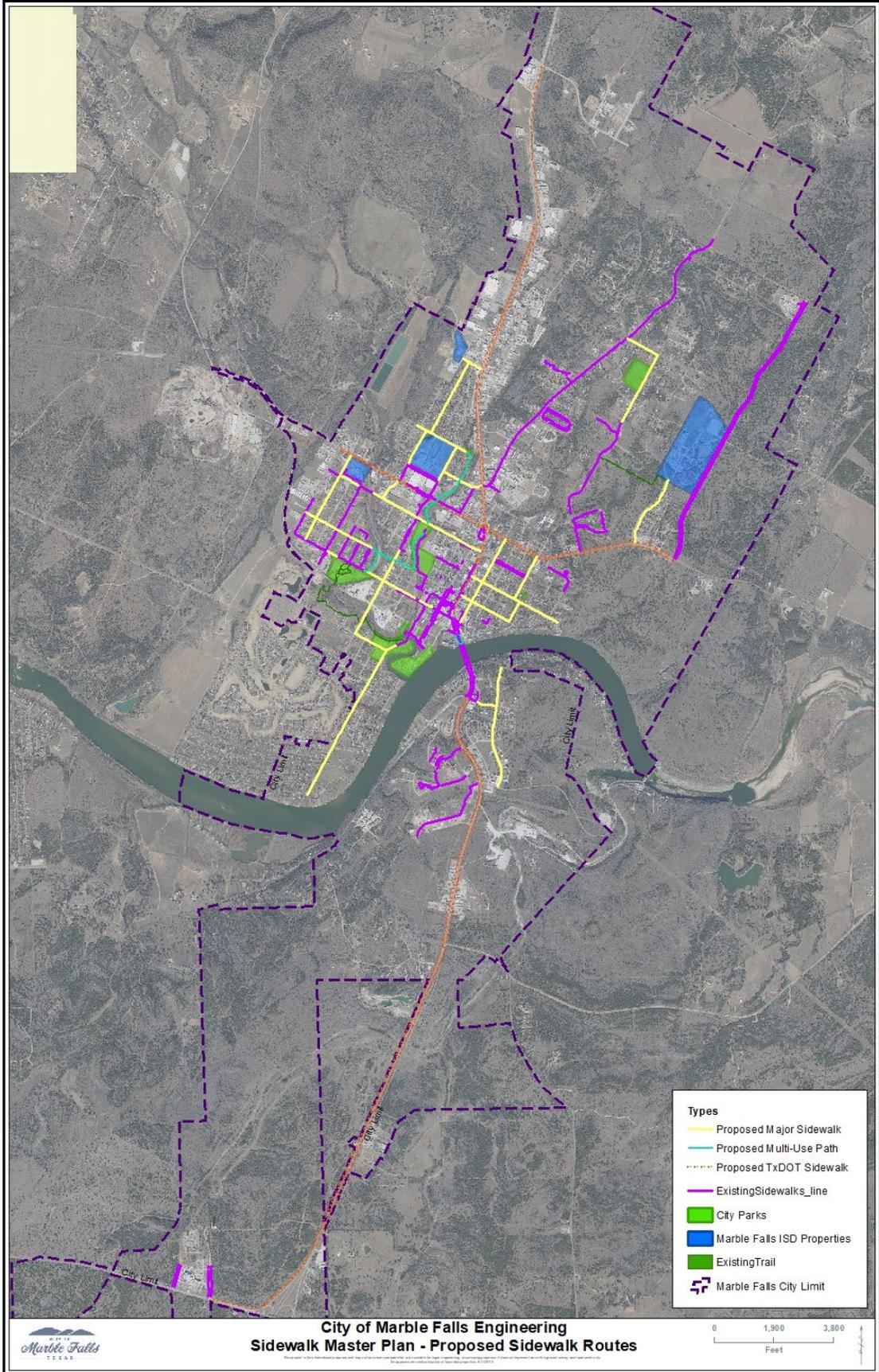
Today the City has roughly 20.0 miles (105,475 ft) of existing sidewalk. These sidewalks range in width from 4-foot to 10-foot. The sidewalks were installed by a variety of sources, including the City, new developments, and TxDOT, and they vary in age and condition. The figure below shows all of the existing sidewalks throughout the City.



## Sidewalks and Paths

All proposed sidewalks, with the exception of Mixed-Use Path trail will be concrete. Typically, concrete sidewalks last anywhere from 50 to 100 years. These sidewalks shall be raised above street level and separated from street by curb and landscape area wherever possible. All new construction shall comply with City Standards and Specifications. The sidewalks proposed in this plan should also comply with the City Codes and Ordinances and are meant to complement the guidelines outlined in the Downtown Master Plan. When sidewalk projects begin, the design will include evaluation of lighting and other features like water fountains and dog stations, and implementation wherever feasible.

This plan is meant to be a working document that will be updated periodically, as maintenance issues arise, additional major routes that were not as pronounced at the creation of this document, and to include minor routes once major routes have been completed. This plan should be completely updated roughly every 5-10 years. Proposed sidewalks for this plan are shown in the below figure.



## Major Sidewalks

The major sidewalks proposed throughout the City are typically 6 to 8-foot wide sidewalks. These sidewalks are meant to be common walking routes having connectivity to substantial destinations or amenities. In areas where 8-foot sidewalks cannot be used or are not appropriate, 6-foot sidewalks may be used.



## Minor Sidewalks

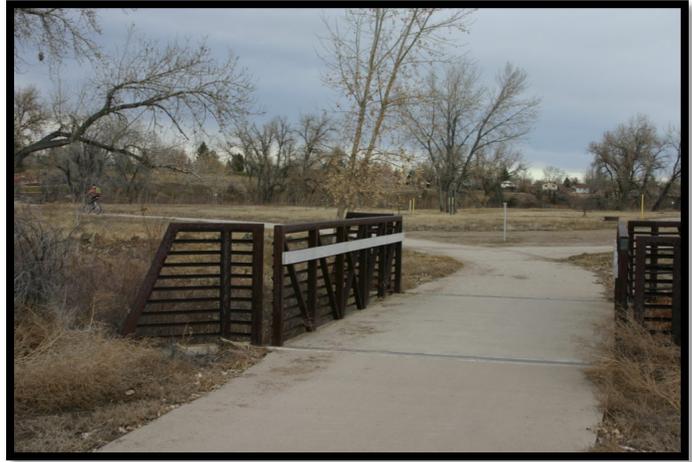
The minor sidewalks will extend from the major sidewalks into neighborhoods and along less populated areas. These sidewalks are typically 5 to 6 feet wide.



### Multi-Use Paths

Multi-Use paths are usually a more diverse application of trail type, due to their location, utilization, and contributing environmental factors that influence the design and construction. These paths are typically a minimum of 8 to 10-foot wide, and are more commonly referred to as Hike and Bike Trails or Nature Trails. There are 2 types of multi-use path surfaces – the crushed granite path with the concrete border and the concrete multi-use path. Crushed granite gravel paths are typically utilized to connect city parks and meander through open and/or greenspace. Typically, path(s) are

adjacent to roadway(s) may or sections of trail with substantial grade or drainage challenges may employ the concrete multi-use path.

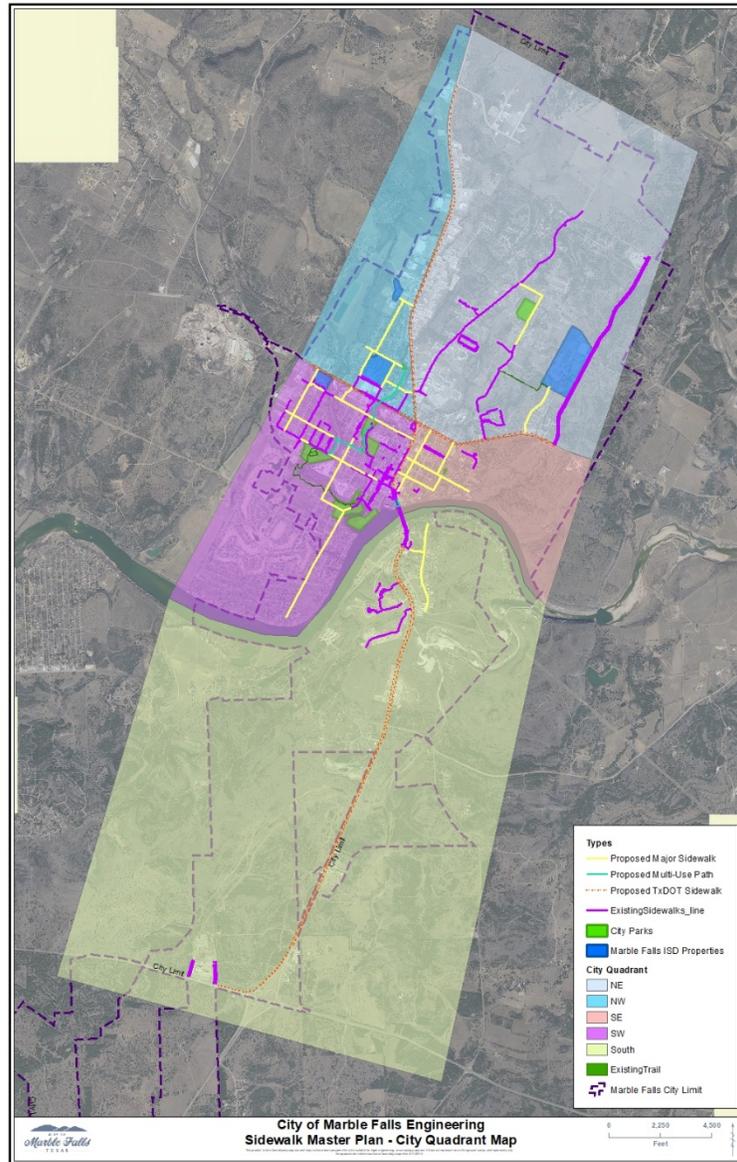


## Project Costs and Funding Sources

In an effort to maximize effectiveness of this plan, the City will establish a sidewalk budget in the annual budget and when appropriate proposed the project to be integrated in the Capital Improvements Plan. In addition, the City will continue to pursue grant opportunities, as well as look for opportunities to partner with the Economic Development Corporation, developers, and other organizations wherever possible.

## Project Prioritization

The sidewalk projects identified in this plan were prioritized based on a number of factors, including number of pedestrians/residents served, proximity to existing infrastructure, connectivity to public facilities (parks, schools, etc) and proximity to other existing planned or future City projects. In addition to the prioritization factors, the plan strives to rotate the Major Sidewalk projects throughout the City. This is accomplished by dividing the City into 5 areas, as shown below.



## Major Sidewalk Project List

Prioritization based on project facts and rotating projects through the City quadrants. At this time, ten (10) projects are listed below. Projects may be constructed in their entirety or phased.

**Project No. 1**

**Name:** Pecan Valley Drive – Major Sidewalk

**Project Length:** 5,650 Feet

**Project Facts:**

- Provides Major sidewalk connection along Pecan Valley Drive to Johnson Park which will provide pedestrian route for the area’s 386 households (population of 930 people) to have a sidewalk route that connects to a City park.
- This area of southwest Marble Falls is one of the only with no existing sidewalks.
- Addresses comments from citizens that there is no safe pedestrian route to walk to Johnson Park other than to walk in Pecan Valley Drive.
- This major sidewalk enables future Neighborhood sidewalk projects within the interior streets abutting Pecan Valley Drive to connect to a Major Sidewalk.



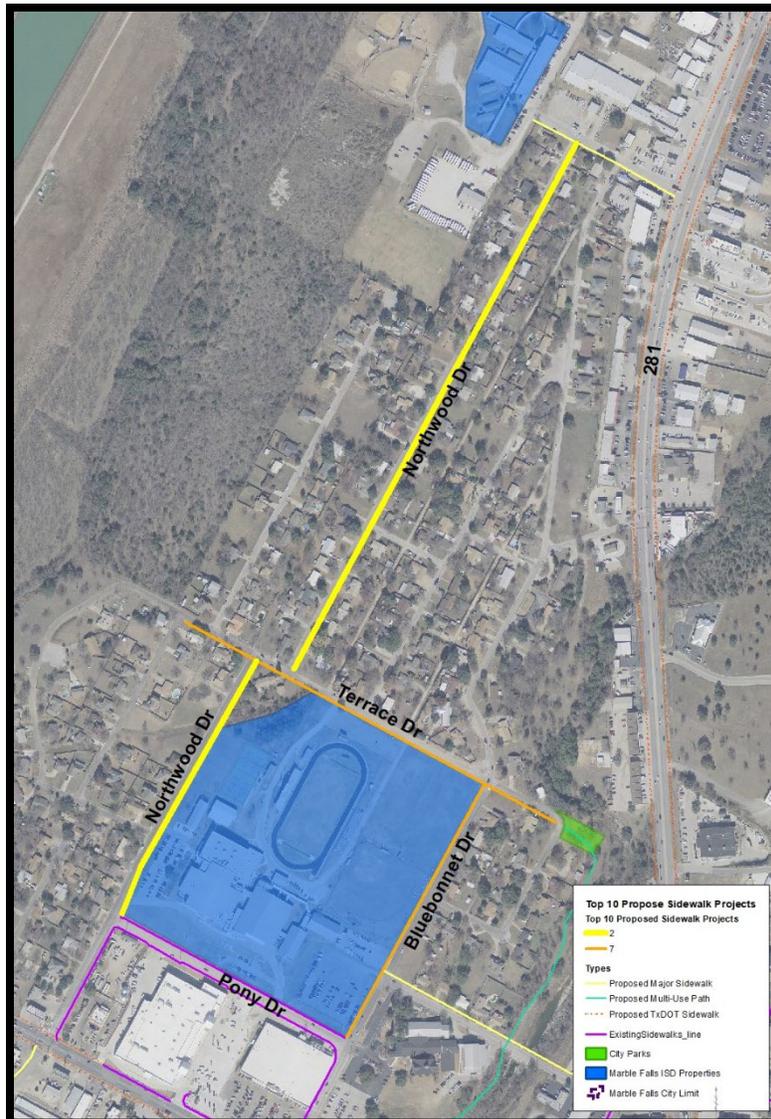
## Project No. 2

**Name:** Northwood Drive – Major Sidewalk

**Project Length:** 3,750 Feet

### Project Facts:

- Provides Major sidewalk connection along Northwood Drive from Colt Circle to Pony Drive which will provide pedestrian route for the area's 72 households (population of 174 people) to have a sidewalk route that connects to a City park.
- Provide a major sidewalk to the Northwood Acres area (Lacy Dr., Sunset, Bluebonnet, Ocotilla, Northwood) where there are no existing sidewalks.
- Addresses comments from citizens that there is no safe pedestrian route, particularly for school kids to walk to school.
- This major sidewalk enables future Neighborhood sidewalk projects within the interior streets abutting Northwood Drive to connect to a Major Sidewalk.



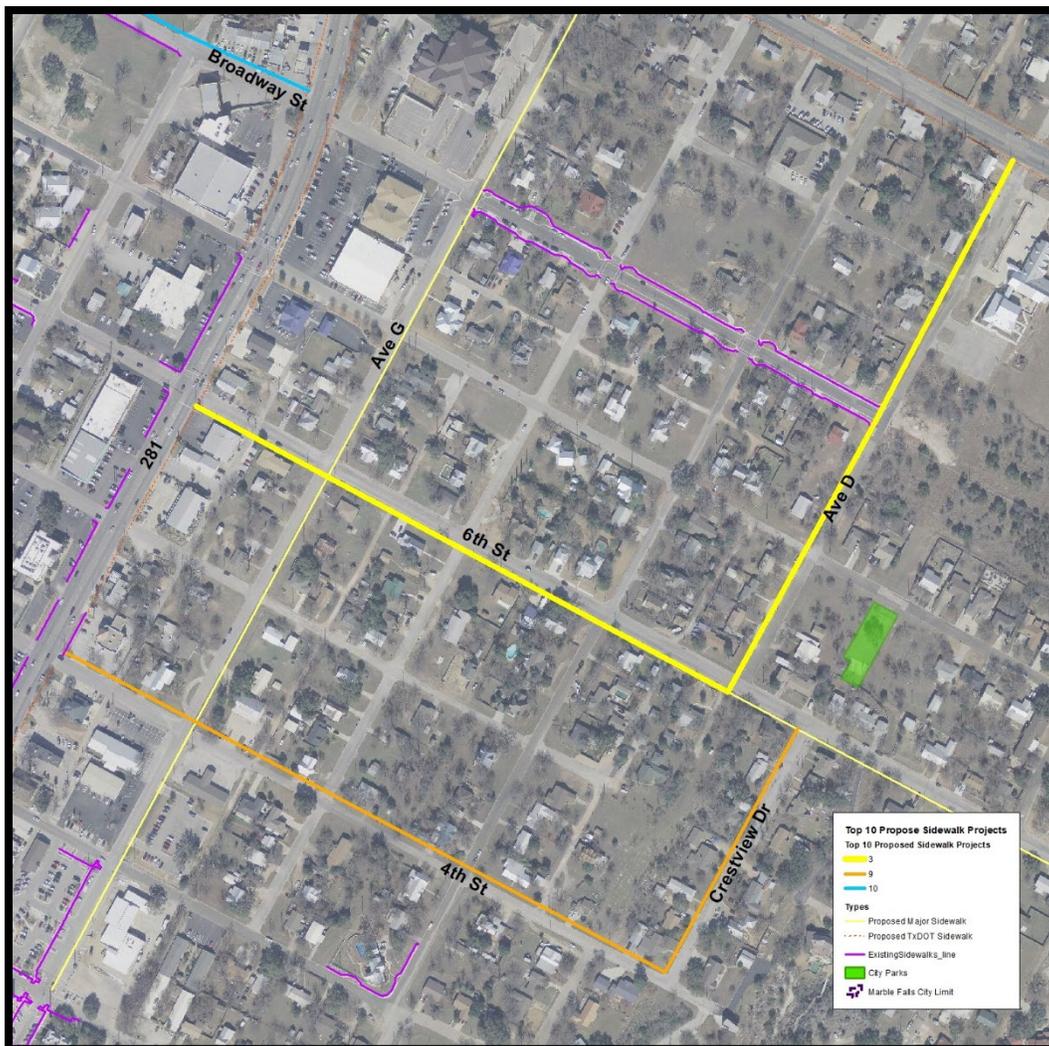
### Project No. 3

**Name:** Sixth Street & Avenue D – Major Sidewalk

**Project Length:** 3,075 Feet

#### Project Facts:

- Provides Major sidewalk connection along Sixth Street from US 281 to Avenue D; and on Avenue D from Sixth Street to FM 1431, which will provide pedestrian route for the area's businesses and 76 households (population of 183 people) to have a sidewalk route that connects to a City park (Villa Vista Park).
- Provide a major sidewalk to the Southeast Original Township area where there is a very limited number of existing sidewalks.
- This major sidewalk enables future Neighborhood sidewalk projects within the interior streets abutting Sixth Street and Avenue D to connect to a Major Sidewalk.
- In the future will create a loop between future US 281 and 1431 sidewalks.



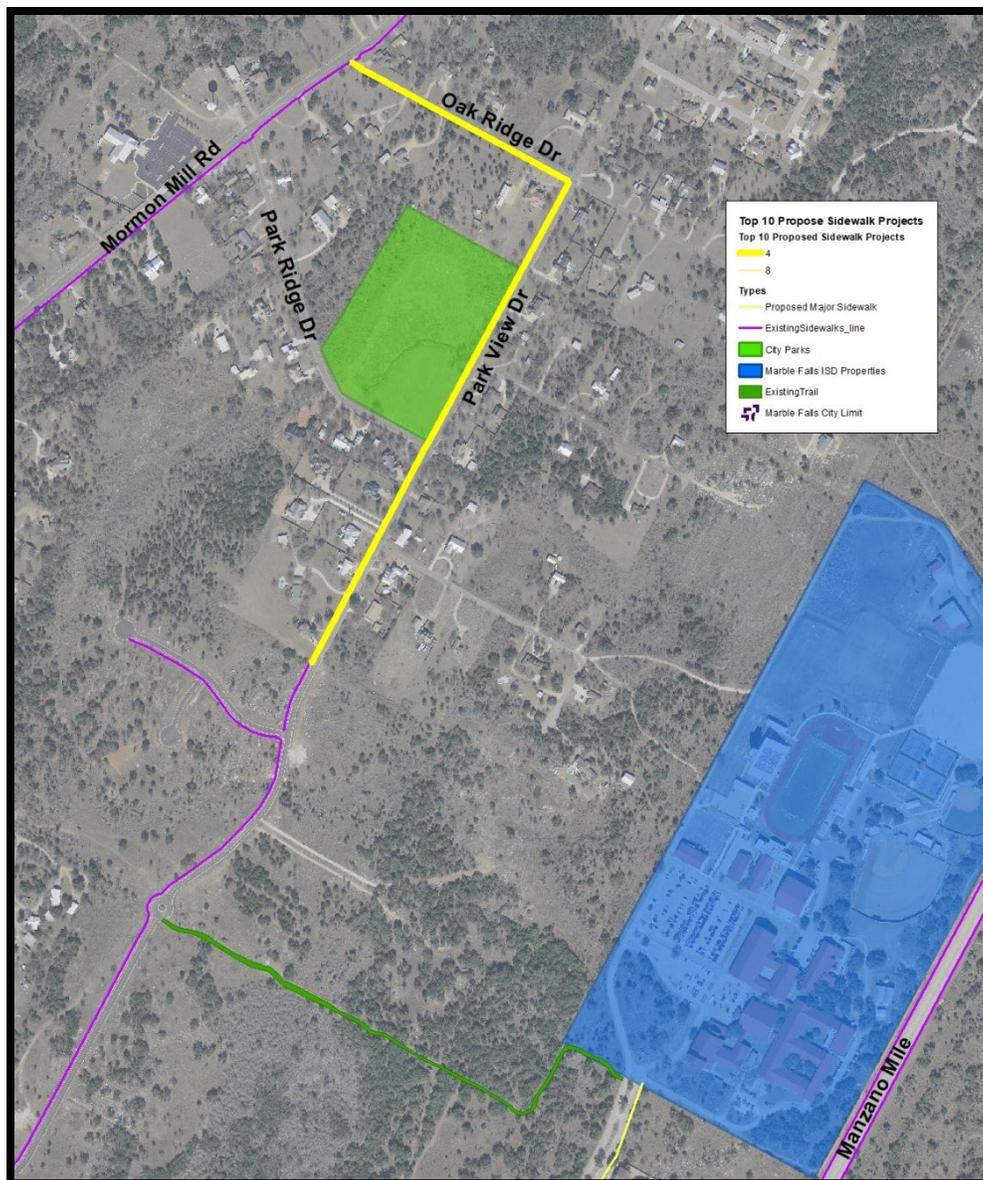
## Project No. 4

**Name:** Park View Drive & East Oak Ridge– Major Sidewalk

**Project Length:** 3,550 Feet

### Project Facts:

- Provides Major sidewalk connection along East Oak Ridge Drive from Mormon Mill to Park View; and on Park View from East Oak Ridge to the existing sidewalk on Park View constructed with the Mustang Ridge Estates subdivision and the Multi-use path to the High School.
- Connects existing Major sidewalk on Mormon Mill through Park View neighborhood and connecting to Park View Park.
- This major sidewalk enables future Neighborhood sidewalk projects within the interior streets abutting East Oak Ridge and Park View.



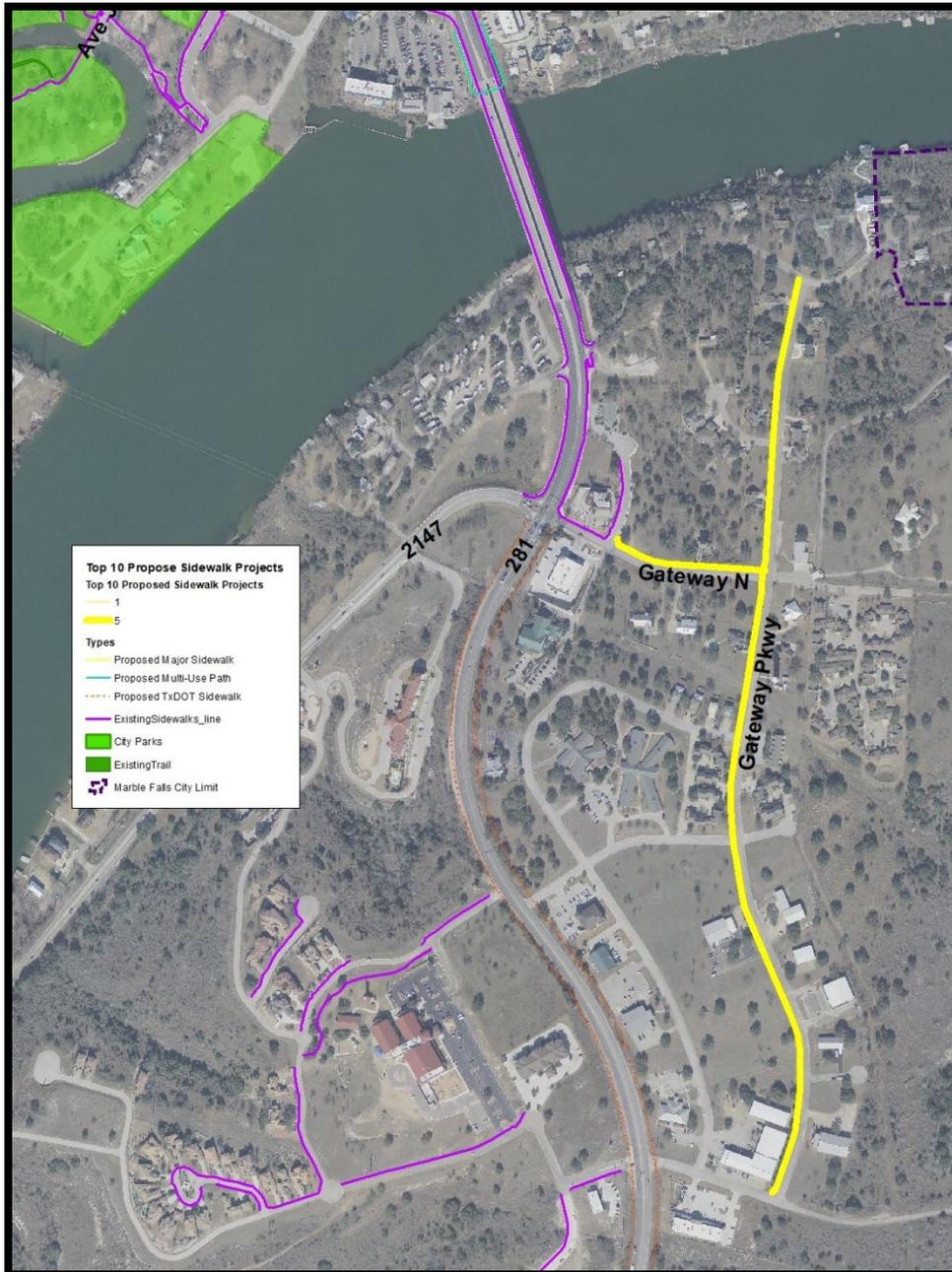
**Project No. 5**

**Name:** Gateway North & Gateway Parkway – Major Sidewalk

**Project Length:** 4,550 Feet

**Project Facts:**

- Provides Major sidewalk connection along Gateway North and Gateway Parkway.
- Provide a major sidewalk to the Gateway subdivision where there are no existing sidewalks.
- This major sidewalk enables future Neighborhood sidewalk projects within the interior streets abutting East Oak Ridge and Park View.



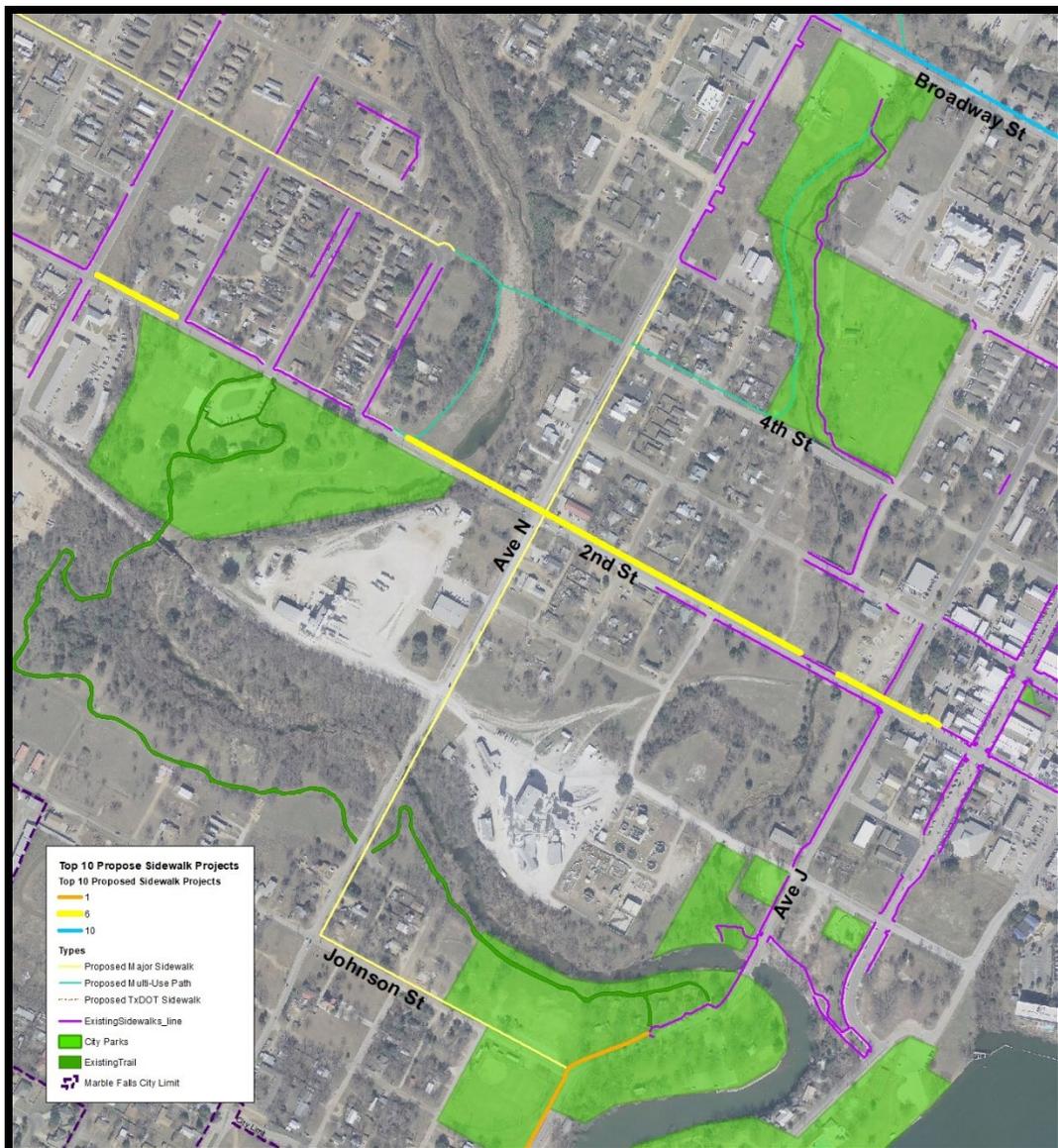
## Project No. 6

**Name:** Second Street – Major Sidewalk

**Project Length:** 2,650 Feet

### Project Facts:

- Provides Major sidewalk connection along 2nd Street from Downtown Marble Falls to Avenue S
- Provide a major sidewalk to the Downtown District, which includes a sidewalk network and a number of locations of interest.
- This major sidewalk enables future Neighborhood sidewalk projects within the interior streets abutting Ave J thru Industrial Blvd.



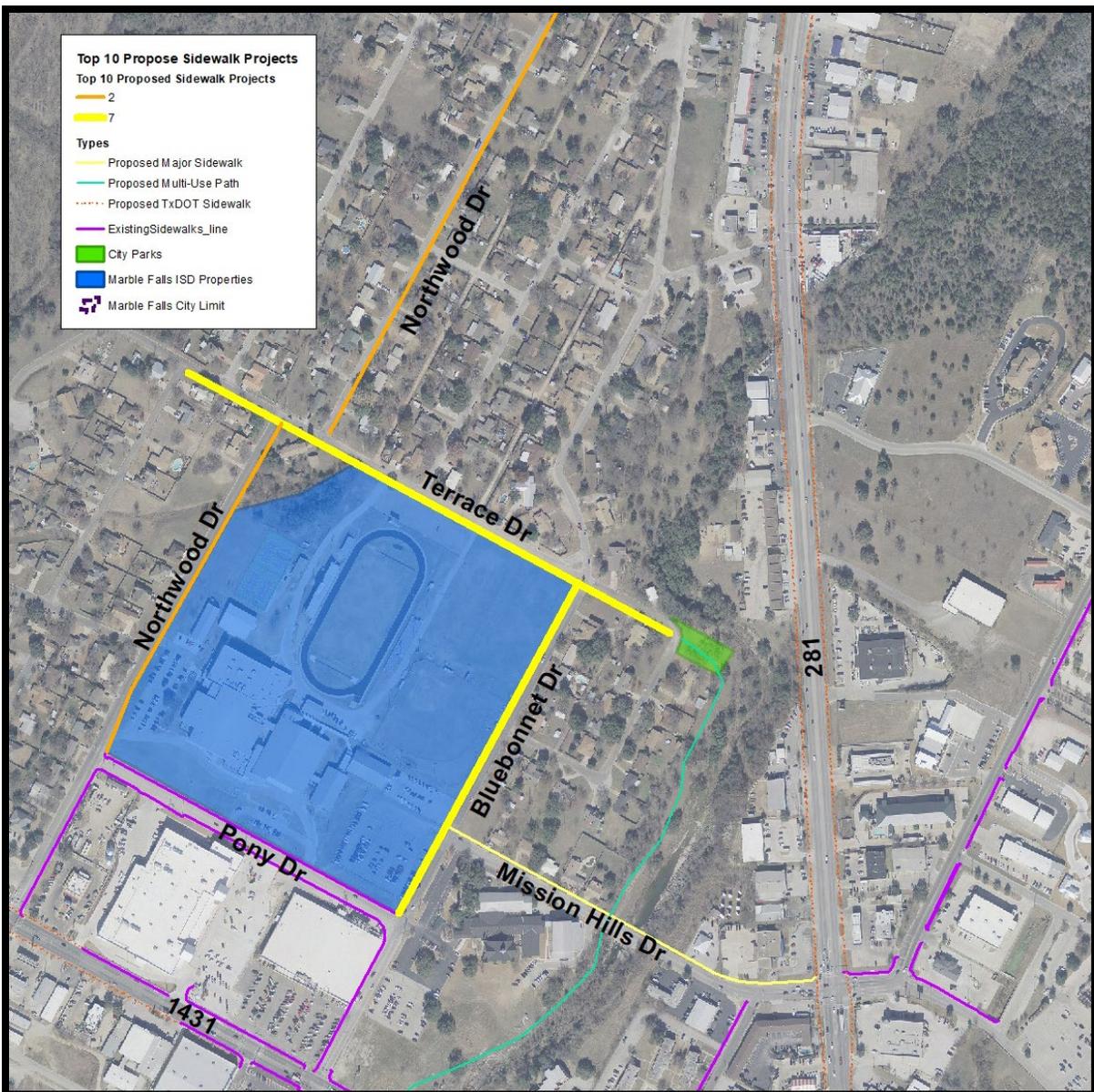
**Project No. 7**

**Name:** Terrace Drive and Bluebonnet Drive – Major Sidewalk

**Project Length:** 3,025 Feet

**Project Facts:**

- Provides Major sidewalk connection along Terrace Dr and Bluebonnet Dr.
- Provide a major sidewalk around Marble Falls Middle School.
- This major sidewalk increases student safety for students walking to school, as well as patrons traveling to the grocery store. This sidewalk would also connect residents to sidewalks along 1431.



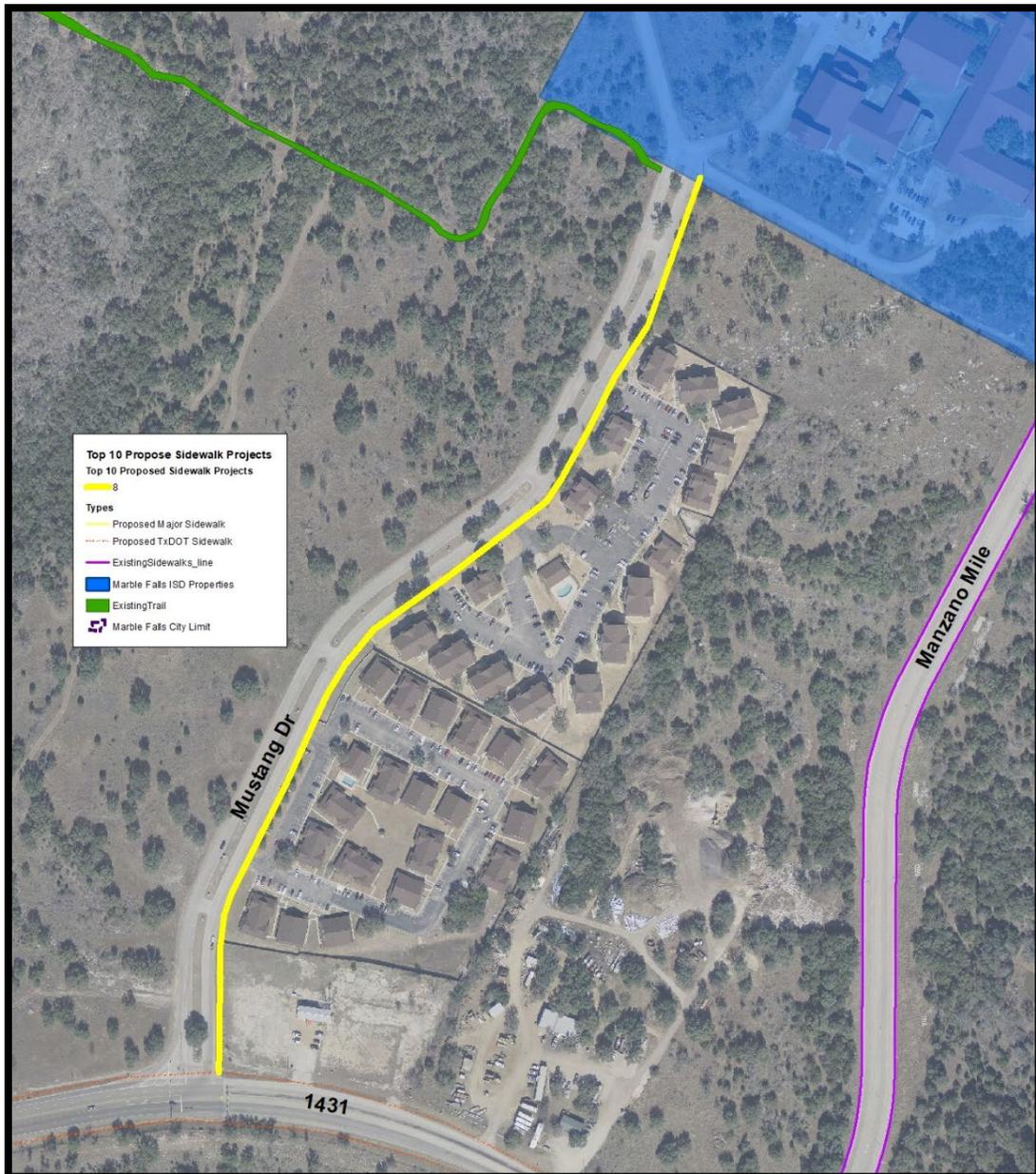
**Project No. 8**

**Name:** Mustang Drive – Major Sidewalk

**Project Length:** 2,350 Feet

**Project Facts:**

- Provides Major sidewalk connection along Mustang Drive from FM 1431 to Marble Falls High School.
- This major sidewalk increases student safety for students walking to school, as well as access to the existing multi-use path.
- This sidewalk would also connect residents to future TxDOT sidewalks on FM 1431.



## Project No. 9

**Name:** Fourth Street and Crestview Drive – Major Sidewalk

**Project Length:** 2,450 Feet

### Project Facts:

- Provides Major sidewalk connection along 4th St and Crestview Drive.
- Provide a major sidewalk from 281 at 4th St to 6th St at Crestview.
- This would connect to the 6th St project, which is priority 3.
- This major sidewalk connects patrons to the Downtown District. This also connects to both 281 and 1431, thru project 3.



## Project No. 10

Name: Broadway St – Major Sidewalk

Project Length: 3,925 Feet

### Project Facts:

- Provides Major sidewalk connection along Broadway St from Marble Falls Elementary to 281.
- This major sidewalk increases student safety for students walking to school, as well as access to the existing multi-use path.
- Project will provide a safe route to the Boys & Girls club and connect residents to 281.

