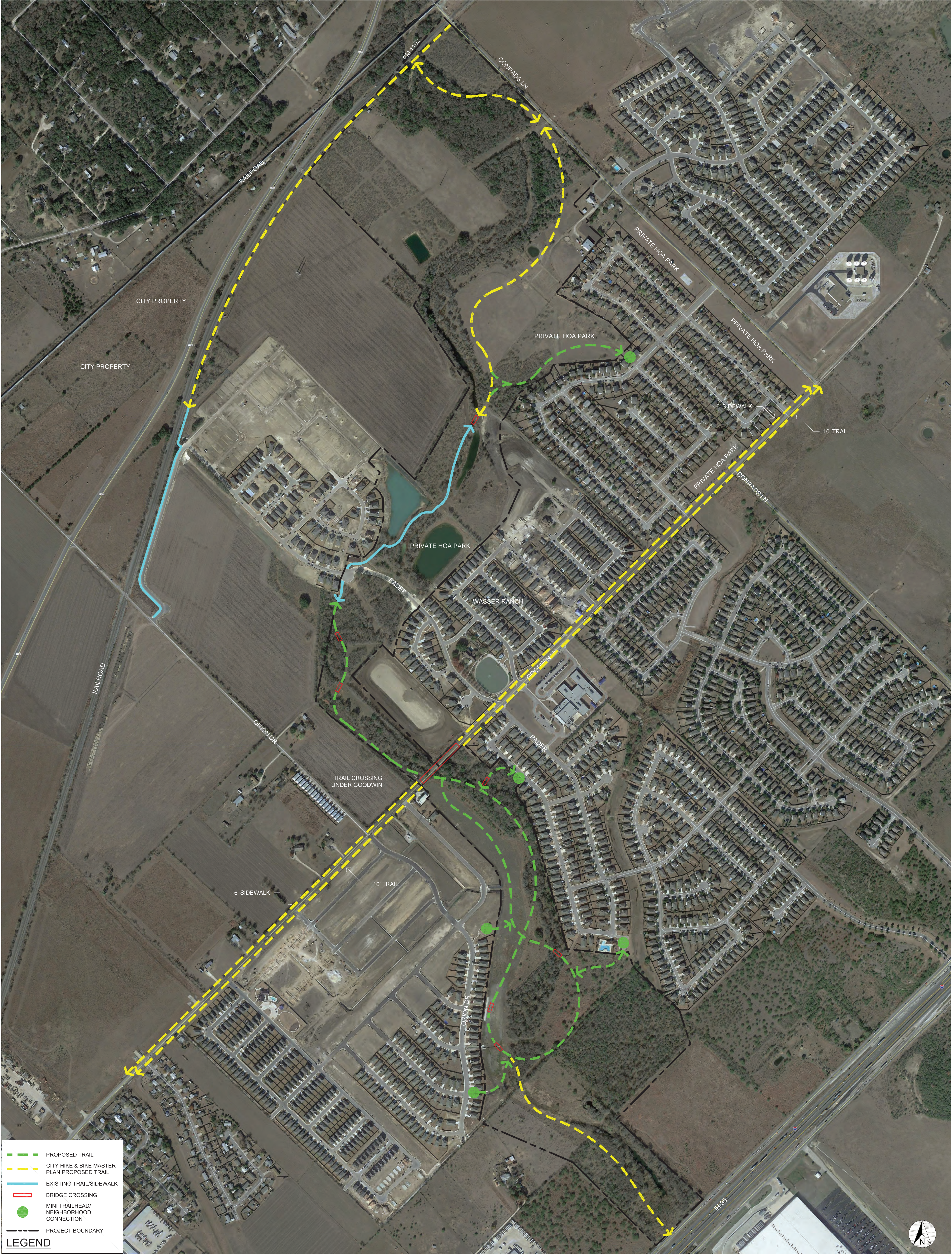


West Alligator Creek Trail Alignment



West Alligator Creek Existing Conditions

The study area is within the upper watershed of Alligator Creek spanning east and west of IH-35. The west segment starts roughly at the intersection of the Union Pacific Railroad and Conrads Lane, proceeds south along Alligator Creek through a 15-acre area behind Arroyo Verde subdivision and a 46-acre greenbelt through the Oak Creek Estate subdivision, and terminates at a proposed pedestrian connection at IH-35 or other feasible location. West segment land use is primarily residential. The creekbed has water in pond areas providing habitat for flora, fauna, and aquatic life, and greenbelts can be described as lush with trees and prairie grasses.

The site analysis consisted of four major factors: property ownership, floodplain areas, existing tree cover, and slopes. The property ownership map indicates public and privately-owned land in the proposed trail area. The floodplain map shows the differing flood risk associated with the proposed trail areas.

PROPERTY OWNERSHIP



PUBLIC

PRIVATE

RIGHT-OF-WAY

UNKNOWN

PROJECT BOUNDARY

LEGEND

FLOODPLAIN



FLOOD FRINGE: the portion of this floodplain that could be developed without increasing the water surface elevation of a 100 year flood event more than 1 foot at any point. 0.2% annual chance Flood Hazard

FLOOD FRINGE: the portion of this floodplain that could be developed without increasing the water surface elevation of a 100 year flood event more than 1 foot at any point. 1% annual chance Flood Hazard

FLOODWAY: the channel and adjacent overbank areas necessary to effectively convey floodwater and must remain open in order to allow flood waters to pass.

PROJECT BOUNDARY

LEGEND

West Alligator Creek Existing Conditions

The tree cover map indicates areas that have existing tree cover. These areas are beneficial for locating portions of the trail. The slope map shows the varying degree of slope severity through the proposed trail area. Existing slopes play an important factor in trail location, both for construction and for ease of access and use for trail users.

TREE COVER



SLOPE MAP

