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PROJECT SUMMARY

FM 517

PROJECT ID:

1002-01-006, 1002-02-016, 0978-01-039

COUNTY:

Brazoria, Galveston, TX

ACQUIRING AUTHORITY:

TXDOT

PARAMETERS:

Widen FM 517 between SH 35 and I-45 from a two-lane roadway to a four-lane divided roadway for a total distance of 9.8 miles. From SH 35 to FM 646 the improvements would include the addition of one 12-foot-wide travel lane in each direction, an 18-foot-wide raised median with turn lanes at intersections, 14-foot-wide shoulders, and 10-foot-wide shared use paths on both sides of the roadway for pedestrians and bicyclists. The total right-of-way width would be approximately 160 feet which would include approximately 30 feet of additional right of way on both sides of the roadway. The roadway would be converted to a curb and gutter drainage system with open vegetated ditches. Approximately 61 acres of additional right of way would be required for this section.

From east of FM 646 to I-45 the improvements would include the addition of a 16-foot-wide raised median with turn lanes at intersections and a 10-foot-wide shared use path for pedestrians and bicyclists on the north side of FM 517. This section currently has four 12-foot-wide travel lanes without shoulders. The existing right of way width would remain 100 feet in this section.

The project also would include improvements at Old Alvin Road, McFarland Road/Algoa-Friendswood Road and FM 646. Improvements at Old Alvin Road would extend approximately 440 feet to the north of FM 517 and include realignment of the intersection. Improvements at McFarland Road/Algoa-Friendswood Road extend approximately 900 feet to the north and south of FM 517 and include realignment of the intersection and construction of left and right turn lanes. Improvements at FM 646 would extend approximately 1,000 feet to



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the north and south of FM 517 and include construction of left and right turn lanes at the intersection.

ROW ACQUISITION BEGINS:

Late 2021

CONSTRUCTION BEGINS:

2023