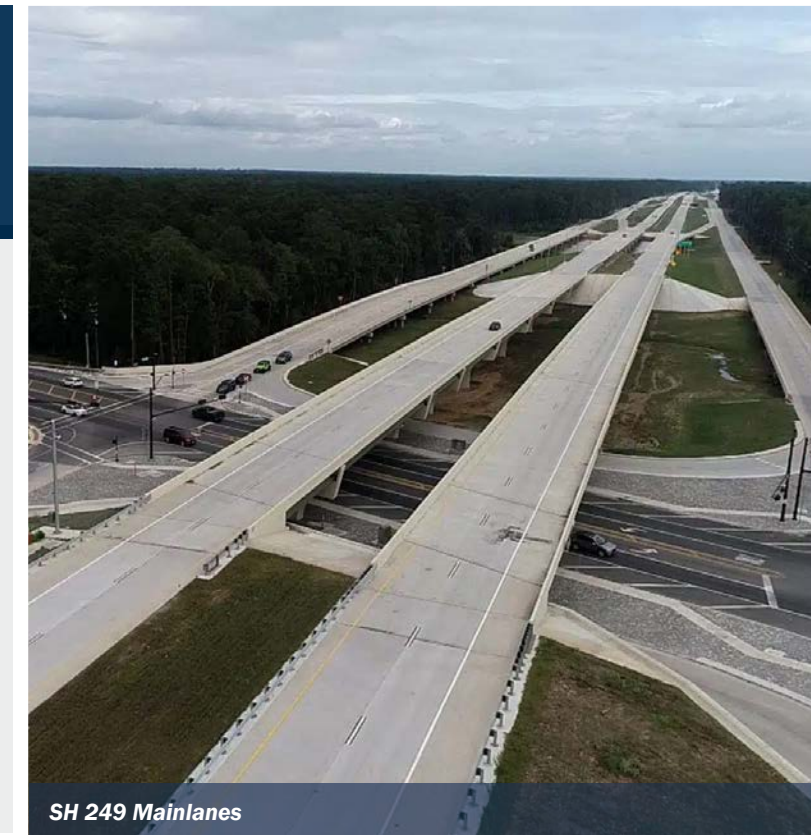




SH 249 EXTENSION PROJECT – SEGMENT 1

ALTERNATIVE DELIVERY PROGRAM

DEVELOPER: Williams Brothers Construction Co., Inc



SH 249 Mainlanes

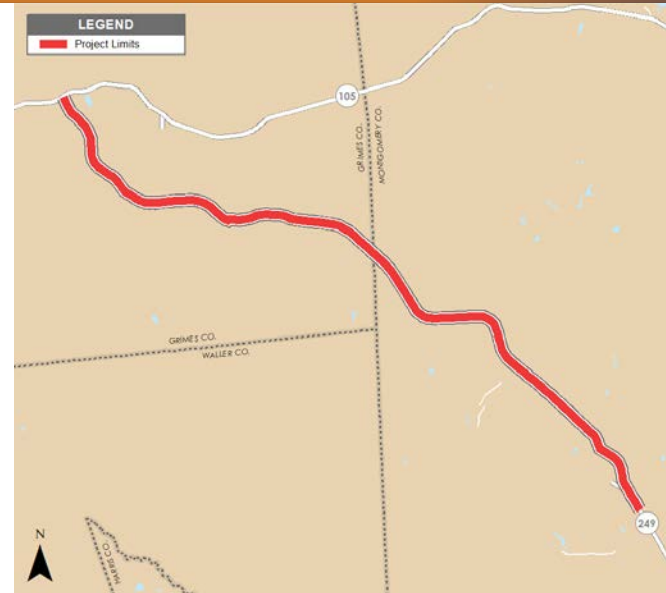
SUCCESS STORY

USE OF DESIGN-BUILD DELIVERY

- Enabled TxDOT to accelerate project delivery by overcoming environmental permitting and design challenges.
- Facilitated early TxDOT acquisition of the required Right of Way (ROW) prior to contract execution and a quicker transition to construction.

EARLY OPENING OF SECTION 1A

The early opening of Section 1A provided quick relief to the traveling public and allowed for early toll revenue collection to help start paying back project bonds.



PROJECT DESCRIPTION

FROM: Just South of FM 1774 (Pinehurst) and 149 Interchange

TO: FM 1774 (Todd Mission)

Segment 1 was divided into sub-sections 1A and 1B consisting of approximately 14.8 miles of four-lane controlled access tollway with intermittent frontage roads.

LANE MILES:	TOTAL CONTRACT VALUE
76	\$636 million

PROJECT DETAIL HIGHLIGHTS

Segment 1 included:

- Construction of 40 new bridges.
- Coordination with multiple adjacent developers and tie in to separate project.

PROJECT AWARDS & MEDIA HIGHLIGHTS

- 🏆 ASHE Project of the Year Award.
- 🏆 DBIA Project Presentation “The Aggie Expressway: A Design-Build Success Story”.
- 🏆 2023 National Design-Build Project/Team Award Merit Winners.

VALUE

The DB Contractor exceeded the Disadvantaged Business Enterprise (DBE) program goal of 9.0% at the completion of Segment 1 with additional DBE payments continuing during Segment 2 construction.

EXCEEDED DBE 9.0% GOAL



SUCCESSFUL IMPLEMENTATION STRATEGIES

- Early definition of common project goals.
- Discussion of all goals at project meetings and encouraging team member participation.
- Established clear, concise, direct lines of communication within the project team.
- Fostered a culture within the team of honesty and transparency investing time upfront to build trust.
- Developed an early plan of attack.
- Streamlined the design submittal review process for accelerated project delivery.
- Optimized the design process workflow by including an early design workshop outlining requirements and expectations of the design process.

BENEFITS

Project:

- Initiated Early Start of Construction activities, which expedited work on bridge foundations while awaiting final approvals.
- Incorporated a long-term Capital Maintenance Agreement with integrated performance standards.
- Focused on refinement of the material quality and verification process.

For Traveling Public:

- Connect suburban communities with major roadways, enhance mobility and safety in the Grimes County/Brazos Valley and Northwest suburban Houston regions.
- Address population growth issues and support economic development through expanded capacity.
- Improved overall mobility and accessibility within the Project area by providing interconnectivity with other corridors in the area.
- Expanded economic opportunities in the region by improving both access and the mobility of persons and goods.