



PLANSOURCE

professional planning services

JACOBS®

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GRAND PARKWAY SH99 (SEGMENT B)

Project Goals

Because limited funding offers no assurance that all 11 segments of the Grand Parkway will be constructed, Segment B (a 28-mile, four-lane controlled access toll road with intermittent frontage roads) is prepared with logical termini and for independent utility.

Project Results

Over the years, Jacobs has performed various planning and schematic development projects for the Grand Parkway and we understand the big picture from an environmental, financial and technical perspective. We also know the diversity between the segments. Our staff includes key professionals who bring additional depth of individual experience for a comprehensive knowledge of the overall loop.

Project Description

For Segment B, we prepared the Environmental Impact Statement under a GEC. The study addresses eight reasonable alternatives. We coordinated with numerous agencies including FHWA, TxDOT Houston District, TxDOT-ENV, Grand Parkway Association, Brazoria and Galveston Counties, and several municipalities. We coordinated extensively with H-GAC's regional transportation plan and regional traffic model, and air quality conformity compliance.



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We also evaluated engineering design characteristics of design speeds for tollways, lane configurations and pavement sections, operational and safety needs, as well as alternatives for minimizing right-of-way, and environmental impacts. We manage public involvement and maintain the Administrative Record for FHWA and TxDOT, including periodic reviews and updates. We provided technical assistance for project and public outreach meetings.

Our project team was responsible for:

- Land use study
- Impacts to prime farmland including coordination with National Resources Conservation Service (NRCS)
- Residential and commercial displacements
- Socio-economic and environmental justice (including relocations)
- Wetland determinations, floodplains and drainage studies
- Threatened and endangered species surveys, wildlife habitat, bottomland hardwoods, freshwater canals
- Water quality issues
- Air quality analysis
- Utilities, pipelines, oil and gas wells
- Hazardous materials assessment
- Cultural resources
- Indirect and cumulative impact analyses
- Mapping