



I-20 East Texas Corridor

DRAFT IMPLEMENTATION PLAN (September 19, 2014)



The Draft Implementation Plan for I-20 East Texas Corridor is based on several factors, including:

- **Advisory Committee Feedback:** The Advisory Committee provided feedback on overall priorities (add capacity, add/improve frontage roads, improve ramps/interchanges, etc.) as well as specific project priorities during the June 2014 meeting in Tyler.
- **Public Input:** The public provided input by e-mail, mailed letters, as well as comments during the public input survey period.
- **Needs Assessment:** Technical analyses were performed on elements along the corridor, including traffic demands, crash histories, vertical clearance standards, interchange designs, bridge conditions, and pavement deficiencies.

The Draft Plan provides programmatic recommendations along I-20 corridor, as well as project level recommendations categorized into Near-Term (2015-2020), Mid-Term (2021-2030), and Long Term (2031-2040) phases.

Programmatic Recommendations:

- Modernize ramp designs to serve increasing traffic demands and improve safety.
- Pursue vertical clearance of 18’ for underpasses along I-20, primarily improving clearance when making other required improvements along I-20 and crossing facilities (preliminary cost estimate – varies by location)
- Full-depth reconstruction of pavement along I-20 that has been in use for almost 50 years (preliminary cost estimate for entire corridor up to \$1.3 billion).
- Construction of additional lanes to permit the maintenance of traffic during other major improvements, to reduce crash frequencies, and to alleviate future congestion.
- Construction of one-way frontage roads in areas identified by local officials.
- Further consider partnering with bus service provider(s) to initiate express bus service, with the last mile connection provided by the local transit agency or other means (car-sharing, ride-sharing).
- Evaluate potential future passenger rail service to include consideration of right-of-way, design, and innovative financing opportunities.

Project Level Recommendations:

The project level recommendations are shown graphically in the attached maps. The table lists projects categorized into near-term, mid-term, and long-term, and includes project details of improvement type, location, and preliminary cost estimate.

	Near-Term	Mid-Term	Long-Term	Total
# of Bridge Modifications	16	-	-	16
# of Ramp/Interchange Improvements	5	21	9	35
Miles of Frontage Road Improvements	12	49	38	99
Miles of Additional Capacity	-	65	25	90
Preliminary Cost Estimate (2014\$ Millions)*	\$102.3	\$768.2	\$390.3	\$1,260.8

* Does not include full depth pavement reconstruction

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I-20 PROGRAM ELEMENTS (2014 Dollars)

