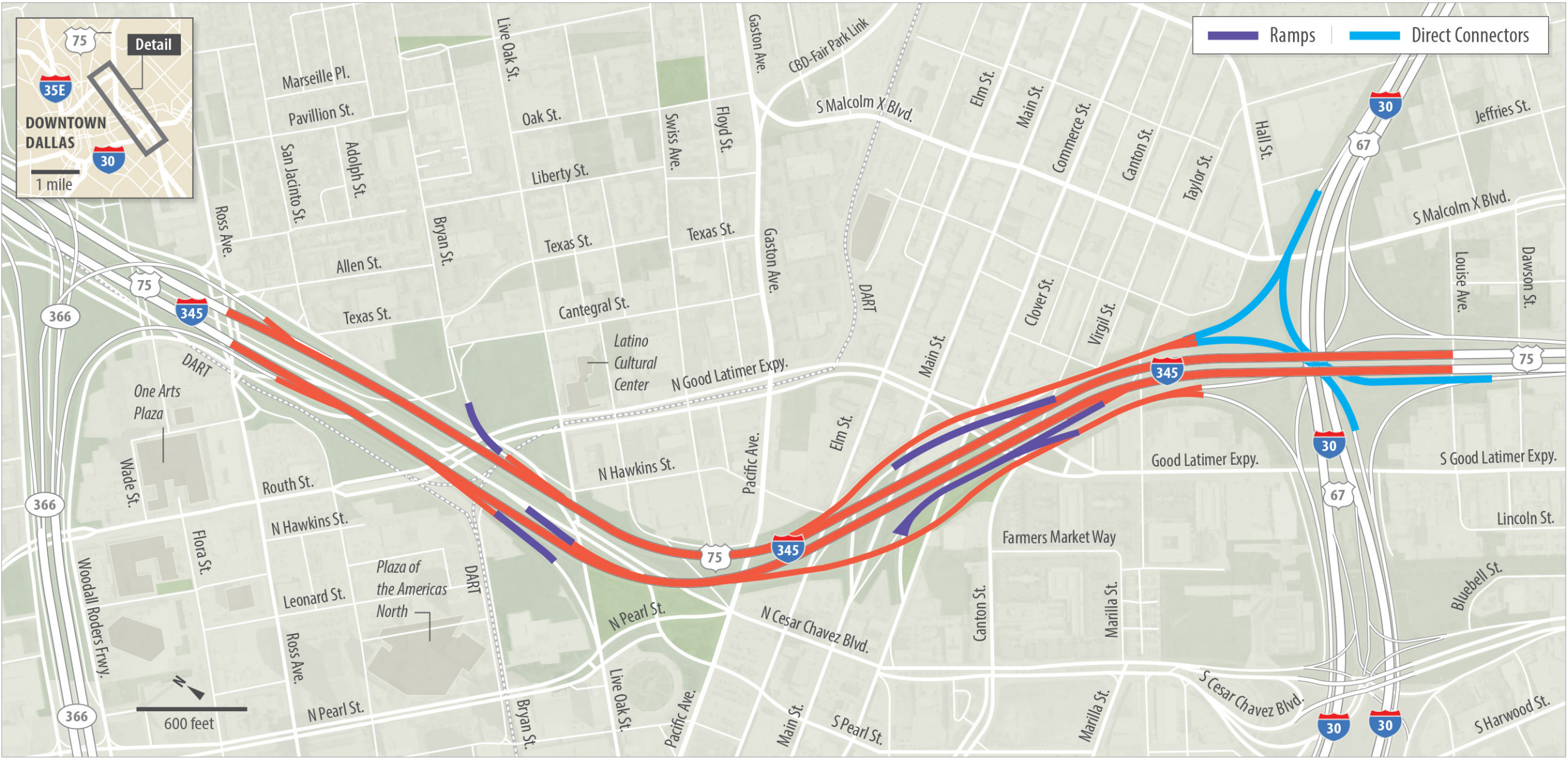


I-345 REHABILITATION (PHASE 2)

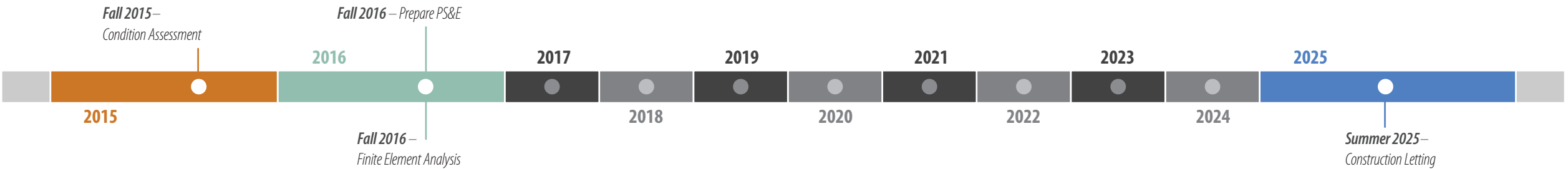
"Through collaboration and leadership, we deliver a safe, reliable, and integrated transportation system that enables the movement of people and goods."



NOTE: Highlighted areas are not drawn to exact scale.

TxDOT graphic

PROJECT TIMELINE



SOURCE: Texas Department of Transportation.

TxDOT graphic

PROJECT DETAILS

Limits: I-345 from Louise Ave. to Ross Ave.

CSJs: 0092-14-086

Description: Repair steel elements subject to fatigue loading on ramps and direct connectors.

Length: 1.4 miles

EXISTING BRIDGE CONDITION

1. Fracture critical integral substructure
2. High Traffic Volume
 - 2013: 200,000 ADT
 - 2035: 220,000 ADT

OUTCOMES

1. Reduce stresses at plate caps and box caps
2. Improve the safety concerns with the fracture critical structure elements

REHABILITATION PROCESS

1. Modeling existing bridge behavior using 3-D computer modeling on the entire main bridge
2. Modeling rehabilitation alternatives using 3-D computer modeling
3. Refine rehabilitation alternatives

ESTIMATED COST

Estimated Total Cost	\$5 M (steel elements)
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SOURCE: TxDOT

TxDOT graphic

CONTACT INFORMATION

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