

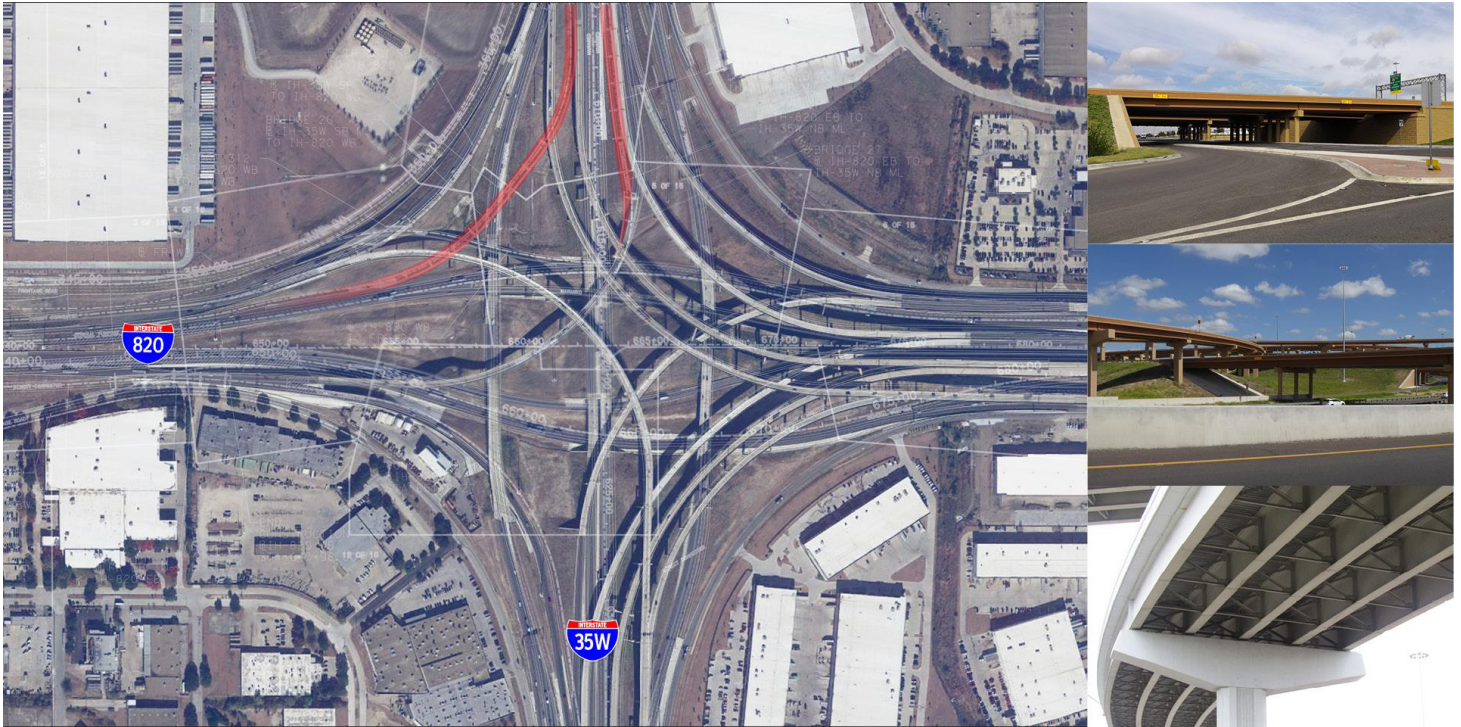


# North Tarrant Expressway: I-820 / IH-35W Mark IV Interchange

Forth Worth, Texas, USA / 2018-2021

Structural type  
Characteristics  
Owner  
Client  
Constructor  
Scope

Precast prestressed girders with deck slab. Substructure: concrete columns with hammerheads, straddle bents. Foundations with drilled shafts  
11 bridges, direct connectors, overpasses and underpasses  
Texas Department of Transportation (TxDOT)  
Bowman (FERROVIAL)  
Ferrovia Agroman US Corp.  
Detailed Design of structures (EOR), layout, drainage, and MOT



The works on the I820/IH 35W interchange include two new direct connectors in an already very structure-congested area that allow access to new Managed Lanes for traffic flowing from IH35 W to I820 WB and from I820 EB to I35W. Additionally, 9 minor bridges spanning over Mark IV Parkway and Little Fossil creek had to be replaced by new bridges with phased construction.

FHECOR was responsible for the detailed design of the structures (EOR), layout and drainage as well as MOT.



C/ Barquillo 23, 2º | 28004 Madrid | España  
T. (+34) 917 014 460 | F. (+34) 915 327 864  
[www.fhecor.com](http://www.fhecor.com) | [fhecor@fhecor.es](mailto:fhecor@fhecor.es)