

STV Rail

Capabilities & Experience

Southwestern Rail
Conference

April 7-8, 2025



Rail Industry Background



Philip Moore,
TSSP, WSO-CSS
*Senior Engineering
Operations Manager*

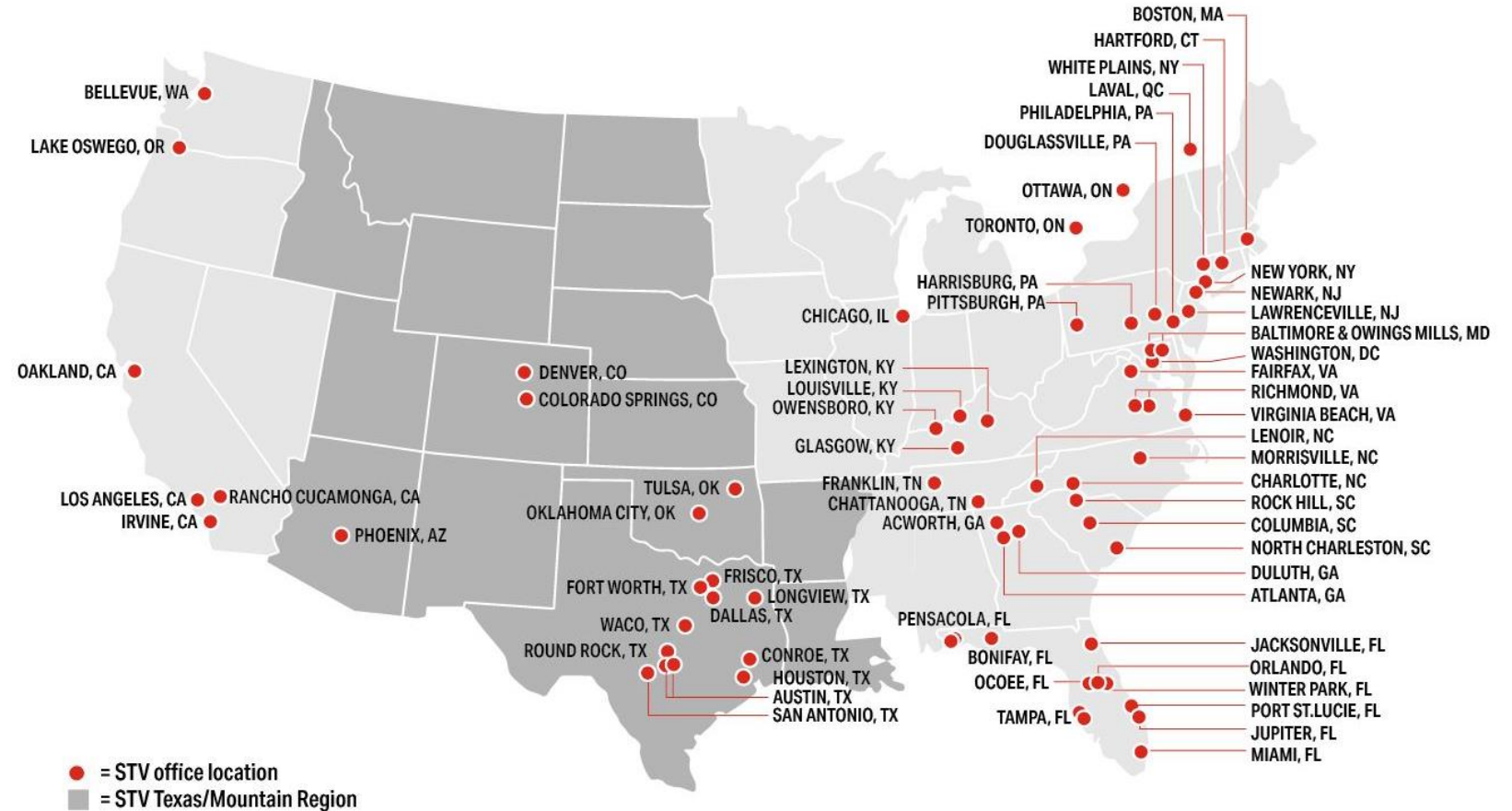
- ▶ **18 Years in the Rail Industry**
- ▶ Started Rail career in 2007 at **BNSF Railway**
- ▶ Managed Rail Safety on the **2nd Busiest Rail Corridor** in US at NCTD
- ▶ Supported over \$15B worth of **Capital Transit & Rail Projects** over career
- ▶ Active Member of **AREMA, APTA, and the World Safety Organization**
- ▶ Coordinating **Ottawa Stage 2 LRT** Headend Start-up, Testing, and Vehicle Integration



STV at a Glance

Making communities better for more than 100 years

Founded in 1912, STV makes communities better through innovative solutions that connect people, places, and the present to the future. With a strong and growing presence in the Texas/Mountain Region, STV partners with clients to deliver complex infrastructure, transportation, and facility projects that drive economic growth and enhance quality of life. Today, STV has more than 60 offices and 3,200 employees nationwide, all dedicated to delivering excellence from concept to completion.



STV's Full-Service Capabilities

With a full spectrum of in-house services, STV provides our clients with expertise to go from planning to revenue service.



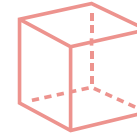
MASTER PLANNING
& PROGRAMMING



ENVIRONMENTAL
STUDIES & -
REMEDiation



PROGRAM
MANAGEMENT



3D RENDERINGS &
ANIMATIONS



CONCEPTUAL TO
FINAL DESIGN



TECHNOLOGY
& MOBILITY



SUSTAINABLE DESIGN
& ZEB SUPPORT



SITE DEVELOPMENT & -
INFRASTRUCTURE -
IMPROVEMENTS



OPERATIONS &
MAINTENANCE
FACILITIES



CONSTRUCTION
MANAGEMENT

Local Texas Projects

DART System Modernization

- ▶ STV - Joint Venture
- ▶ Upgrades aim to enhance the system's resiliency, adaptability, maintainability, and operational efficiency, particularly during extreme weather conditions
- ▶ Procurement of 95 new LRVs and the upgrading of Approximately 48 Miles of Signal System
- ▶ Implementation of Level Boarding at stations and upgrades to the Central Rail Operating Facility (CROF) and Northwest Operating Facility (NWROF)

Austin Transit Partnership (ATP)

- ▶ STV - Delivery Partner
- ▶ 10-mile, expandable, all-electric system will offer an all-new transit experience with trains expected to run every 5-10 minutes, with 15 planned stations, and will integrate with other modes of transportation in Austin



National Projects

Metra Capital Program PMO

- ▶ \$2.5 billion, 5-year Capital Program comprising nearly 500 bridges, 1,200 miles of track and 241 stations
- ▶ Work includes planning, project controls, project administration, signal engineer, and oversight of project development, design, construction, and NEPA/environmental permitting

SMART Extension

- ▶ \$54 million design-build project including improvements to transit center, a new station near the ferry terminal; four at-grade roadway crossings, including signals and crossing equipment; refurbishment of an existing railroad trestle bridge; and replacement of two other bridges



Capital Project Funding

- ▶ STV has a dedicated grants advisory team to support rail & transit clients across the U.S.
- ▶ STV played a key role in securing a \$204M Federal Railroad Administration (FRA) Railroad Crossing Elimination (RCE) Grant for the City of Columbia, South Carolina
- ▶ STV was instrumental in assisting the MBTA secure \$472M; its largest federal award, to fund the replacement of the North Station Draw One Bridge over the Charles River





Making Communities Better.

Let's Connect!



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*Senior Engineering
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Web Address



LinkedIn Profile

