

ARTS DISTRICT

EAST

ENDURING. DRIVEN. VISIONARY.

BUS RAPID  
TRANSIT  
EXPERIENCE





## RESULTS

**33%**

*reduction in travel time  
average ridership on  
The Pulse is now double  
what planners initially  
expected*

As a national leader in transportation, STV has helped clients across the U.S. plan, design, and provide program management services for the delivery of high capacity, efficient and cost-effective bus rapid transit (BRT) systems. These systems use three major modes of bus movement: separated rights-of-way, dedicated traffic lanes, and mixed traffic. STV provides services that enable clients to identify the most appropriate system for their needs, depending on their existing transportation infrastructure, land use, financial resources, and constraints.

Our services also include bus fleet procurement and technical support. STV is a leader in the design and implementation of full electric bus fleets, charging systems, and facilities.

Founded more than 100 years ago, STV is quality-driven, client-focused, and has a vision for the future.



**Images on this spread and on the cover:**  
**VDOT GRTC The Pulse BRT Design-Build, Richmond, VA**

All photos © Jim Tetro

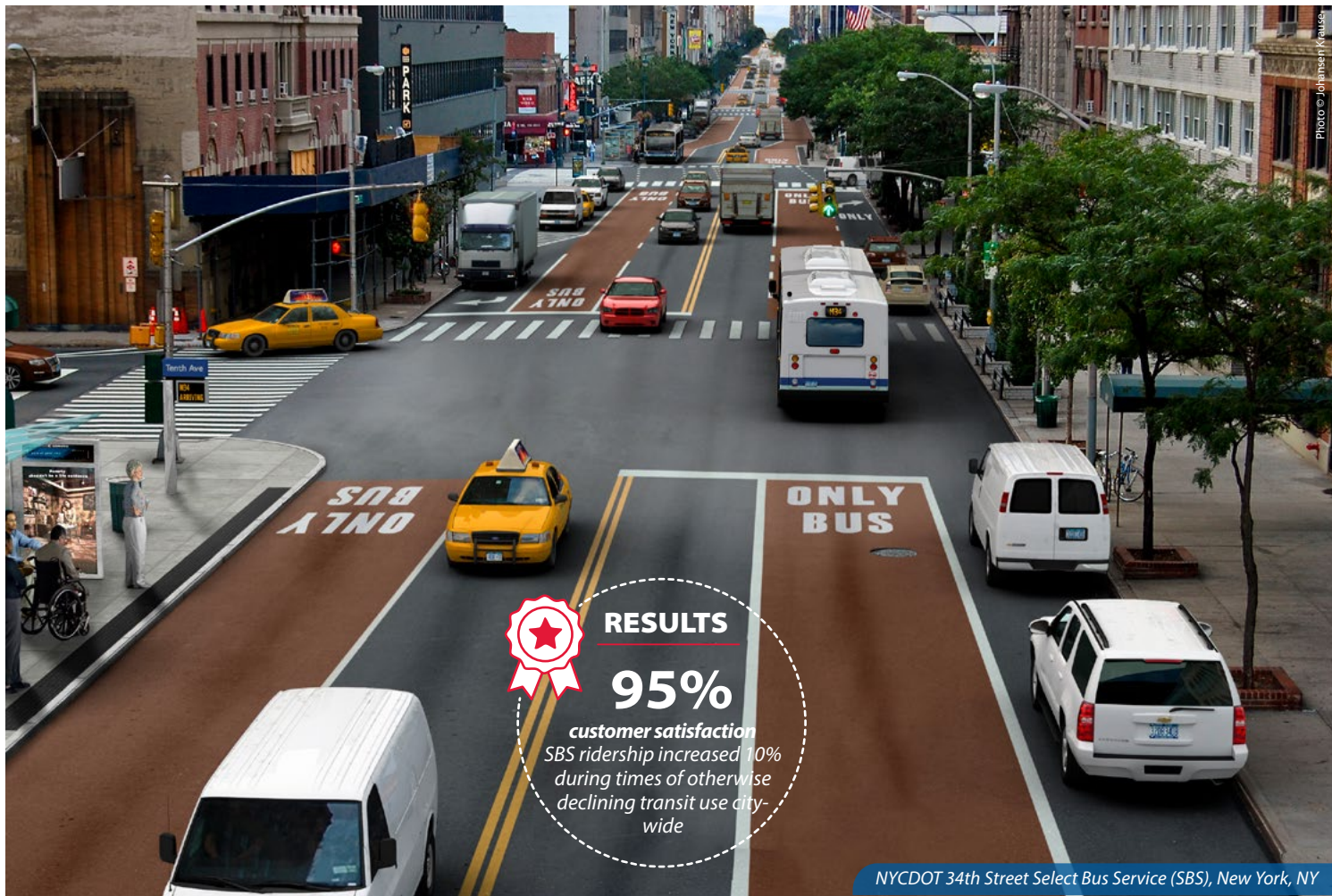


Photo © Johnson Krause



### RESULTS

# 95%

*customer satisfaction*  
SBS ridership increased 100%  
during times of otherwise  
declining transit use city-  
wide

NYCDOT 34th Street Select Bus Service (SBS), New York, NY



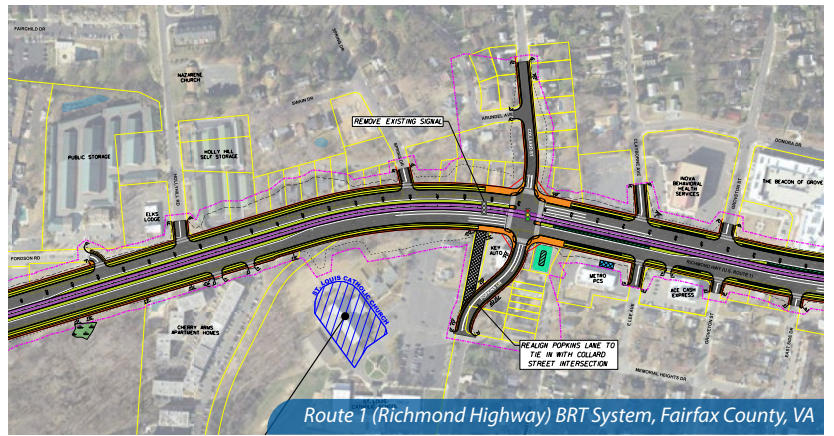
City of Alexandria Bus Rapid Transitway (Metroway), Alexandria, VA



ConnDOT CTfastrak Busway, New Britain to Hartford, CT



Tri-Valley Rapid BRT Bus Shelter & Branding Design, Alameda County, CA



Route 1 (Richmond Highway) BRT System, Fairfax County, VA



**RESULTS**

**22,000**

*average weekday boardings ridership goals for 2020 were surpassed in 2006 — just 7 months after opening*

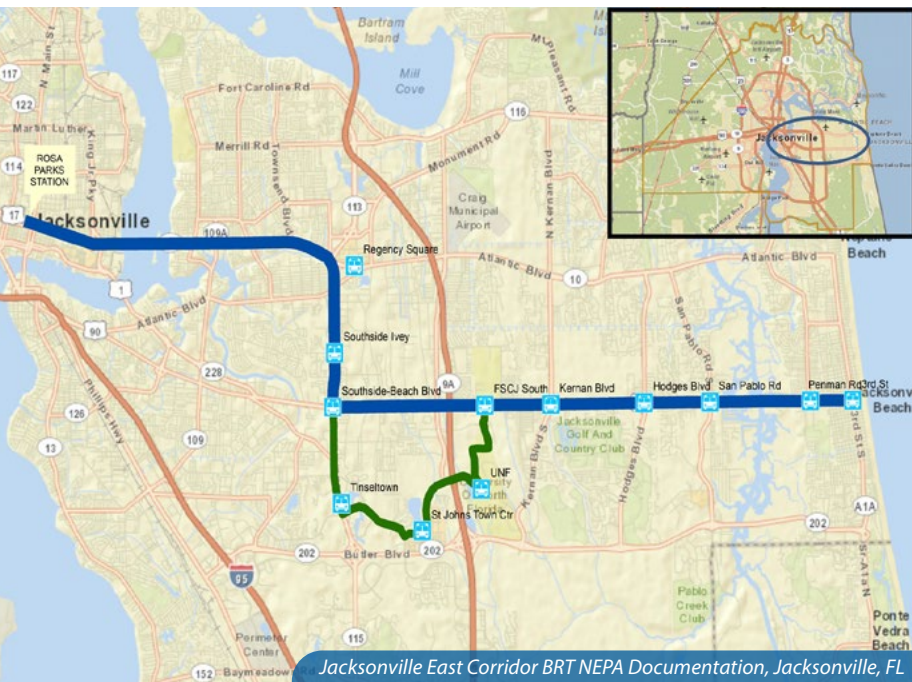
Los Angeles Metro San Fernando Valley East/West Orange Line BRT Design-Build





Photo © Don. B. Stevenson

City of Phoenix BRT Program Management



Jacksonville East Corridor BRT NEPA Documentation, Jacksonville, FL

## SERVICES WE OFFER:

### PLANNING

- Master & corridor planning
- FTA coordination
- Cost/benefit analyses
- Scheduling
- Site development & permitting
- Environmental studies

### ENGINEERING DESIGN

- Utility & infrastructure improvements
- Vehicle engineering
- Architectural design
- Industrial design
- Shop equipment specification
- Value engineering
- Cost estimating

### TECHNOLOGY

- Bus advanced fuel technologies – including battery electric bus
- Complete communications systems

### DELIVERY

- Bus procurement assistance
- Bus inspections
- Bus fleet technical support
- Program/project management
- Construction management & inspection

### SAFETY

- Security analysis & design
- Security & building system upgrades

**FOR MORE INFORMATION:**

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