COMMUTER RAIL COMMITTEE WORKING SESSION
MONDAY APRIL 18, 2022 3:30 P.M.
COMMUTER RAIL COMMITTEE
WORKING SESSION
MONDAY APRIL 18, 2022 3:30 P.M.

801 GROVE STREET
Downtown Fort Worth
Fort Worth, Texas 76102

Committee Members:
Charles Edmonds - Chairman
Alan Hooks
Ben Robertson
Tito Rodriguez
Paul Slechta
Sharla Williams

Staff Support:
Jon-Erik Arjanen, TRE
Reed Lanham, TEXRail

A. CALL TO ORDER
Charles Edmonds

B. UPDATES
1. TEXRail Ridership Report
   Reed Lanham
2. Trinity Railway Express Report
   Jon-Erik Arjanen

C. INFORMATION ITEM
1. Overnight Parking at TEXRail Stations
   Jon-Erik Arjanen

D. ACTION ITEMS
1. CRC2022-07 TRE Security Camera System Replacement
   Kevin Hunt
2. CRC2022-08 TEXRail Traffic Signal Construction at Iron Horse Blvd and Boulder
   John Tipton
3. CRC2022-09 Construction Oversight Services related to DART Silver Line Project
   John Tipton

E. OTHER BUSINESS

F. NEXT MEETING
   MONDAY, MAY 16, 2022

G. ADJOURN

This facility is wheelchair accessible.
For accommodations for hearing or sight interpretive services, please contact Kelli Shields 48 hours in advance at 817.215.8972.
Reed Lanham, Deputy Chief Operating Officer of Rail, will present an update on TEXRail.
TEXRail Report

February 2022

Reed Lanham
Deputy COO of Rail

April 2022
## TEXRail Safety

Days without a lost time injury:

<table>
<thead>
<tr>
<th>Category</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation/Maintenance of Equipment</td>
<td>1,510</td>
</tr>
<tr>
<td>Maintenance of Way/Signal</td>
<td>580</td>
</tr>
</tbody>
</table>
TEXRail On-Time Performance

FY2021
FY2022
Goal - 98%

October: 99.8%
November: 99.3%
December: 99.0%
January: 99.4%
February: 99.5%
March: 99.5%
April: 99.5%
May: 99.7%
June: 99.5%
July: 99.6%
August: 99.1%
September: 99.8%
TEXRail Monthly Ridership

Number and Types of Days for February

- **Weekdays (Wkd)**: 19
- **Saturday (Sat)**: 18
- **Sunday (Sun)**: 4, 4, 4, 4

Fiscal Year Ridership to Date

- **FY2019**: 131,580
- **FY2020**: 221,966
- **FY2021**: 90,913
- **FY2022**: 194,703
TEXRail Average Weekday Ridership

The chart shows the average weekday ridership for TEXRail from FY2019 to FY2022. Ridership is measured in thousands. The data is presented by month, with the following months represented:

- Oct
- Nov
- Dec
- Jan
- Feb
- Mar
- Apr
- May
- Jun
- Jul
- Aug
- Sep

For FY2019, the ridership generally remains steady throughout the year, with a slight increase in the summer months.

For FY2020, there is a notable increase in ridership, particularly in the winter months, with peaks in Dec and Jan.

For FY2021, the ridership continues to increase, with a significant spike in Dec, and a steady decline in Jan.

For FY2022, the ridership shows a consistent increase, peaking in Dec and Jan.

The data reflects an overall trend of increasing ridership over the years, with peak months in winter.
TEXRail Average Saturday Ridership

[Graph showing ridership data from FY2019 to FY2022, with months from October to September and ridership values indicated for each month.]
TEXRail Average Weekday Ridership

- DFW Airport Terminal B: 130 riders (February 2022), 15 riders (February 2021)
- DFW Airport North: 8 riders (February 2022), 15 riders (February 2021)
- Grapevine/Main Street: 109 riders (February 2022), 44 riders (February 2021)
- North Richland Hills/Smithfield: 113 riders (February 2022), 45 riders (February 2021)
- North Richland Hills/Iron Horse: 74 riders (February 2022), 42 riders (February 2021)
- Mercantile Center: 65 riders (February 2022), 42 riders (February 2021)
- North Side: 41 riders (February 2022), 19 riders (February 2021)
- Fort Worth Central: 149 riders (February 2022), 75 riders (February 2021)
- Fort Worth T&P: 144 riders (February 2022), 79 riders (February 2021)
TEXRail Average Saturday Ridership

<table>
<thead>
<tr>
<th>Location</th>
<th>February 2022</th>
<th>February 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFW Airport Terminal B</td>
<td>123</td>
<td></td>
</tr>
<tr>
<td>DFW Airport North</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>Grapevine/Main Street</td>
<td>100</td>
<td>75</td>
</tr>
<tr>
<td>North Richland Hills/Smithfield</td>
<td>134</td>
<td>67</td>
</tr>
<tr>
<td>North Richland Hills/Iron Horse</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Mercantile Center</td>
<td>52</td>
<td>52</td>
</tr>
<tr>
<td>North Side</td>
<td>15</td>
<td>56</td>
</tr>
<tr>
<td>Fort Worth Central</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>Fort Worth T&amp;P</td>
<td>144</td>
<td></td>
</tr>
</tbody>
</table>

TeXRail Rail Average Saturday Ridership

February 2022

February 2021
TEXRail Average Sunday Ridership

<table>
<thead>
<tr>
<th>Location</th>
<th>February 2021</th>
<th>February 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFW Airport Terminal B</td>
<td>51</td>
<td>155</td>
</tr>
<tr>
<td>DFW Airport North</td>
<td>29</td>
<td>12</td>
</tr>
<tr>
<td>Grapevine/Main Street</td>
<td>62</td>
<td>165</td>
</tr>
<tr>
<td>North Richland Hills/Smithfield</td>
<td>39</td>
<td>109</td>
</tr>
<tr>
<td>North Richland Hills/Iron Horse</td>
<td>25</td>
<td>29</td>
</tr>
<tr>
<td>Mercantile Center</td>
<td>54</td>
<td>51</td>
</tr>
<tr>
<td>North Side</td>
<td>12</td>
<td>54</td>
</tr>
<tr>
<td>Fort Worth Central</td>
<td>75</td>
<td>172</td>
</tr>
<tr>
<td>Fort Worth T&amp;P</td>
<td>78</td>
<td>160</td>
</tr>
</tbody>
</table>

TEXRail Average Sunday Ridership

TRINITY METRO

Page 13
COMMUTER RAIL COMMITTEE
INFORMATION ITEM

Item: Trinity Railway Express Update  Meeting Date: April 18, 2022

Jon-Erik Arjanen, Vice President/Chief Operating Officer of Rail, will present an update on Trinity Railway Express.
TRE Report
February 2022

Jon-Erik "AJ" Arjanen
COO/VP of Rail
April 2022
## TRE Safety

Days without a lost time injury:

<table>
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<tr>
<th>Category</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation/Maintenance of Equipment</td>
<td>57</td>
</tr>
<tr>
<td>Maintenance of Way/Signal</td>
<td>106</td>
</tr>
</tbody>
</table>
TRE On-Time Performance

FY2021

FY2022

Goal - 97%
TRE Monthly Ridership

Number and Types of Days for February

- FY2019: 74,715
- FY2020: 68,275
- FY2021: 69,774
- FY2022: 76,576

Fiscal Year Ridership to Date
- FY2019: 793,479
- FY2020: 853,278
- FY2021: 269,637
- FY2022: 450,205
TRE Average Weekday Ridership

[Graph showing the trend of TRE average weekday ridership from October 2019 to September 2022, with data points for FY2019, FY2020, FY2021, and FY2022.]

TRINITY METRO
TRE Average Weekday Ridership

<table>
<thead>
<tr>
<th>Location</th>
<th>Feb 2021</th>
<th>Feb 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBJ Union</td>
<td>529</td>
<td>636</td>
</tr>
<tr>
<td>Victory</td>
<td>253</td>
<td>425</td>
</tr>
<tr>
<td>Medical Market Center</td>
<td>209</td>
<td>263</td>
</tr>
<tr>
<td>Downtown Irving Heritage Crossing</td>
<td>185</td>
<td>249</td>
</tr>
<tr>
<td>West Irving</td>
<td>156</td>
<td>185</td>
</tr>
<tr>
<td>CentrePort</td>
<td>134</td>
<td>295</td>
</tr>
<tr>
<td>Bell</td>
<td>117</td>
<td>180</td>
</tr>
<tr>
<td>Richland Hills</td>
<td>130</td>
<td>195</td>
</tr>
<tr>
<td>Fort Worth Central</td>
<td>244</td>
<td>336</td>
</tr>
<tr>
<td>Fort Worth T&amp;P</td>
<td>285</td>
<td>343</td>
</tr>
</tbody>
</table>

TRINITY METRO
TRE Average Saturday Ridership

- EBJ Union: 432
- Victory: 286
- Medical Market Center: 137
- Downtown Irving Heritage Crossing: 162
- West Irving: 135
- CentrePort: 101
- Bell: 88
- Richland Hills: 71
- Fort Worth Central: 195
- Fort Worth T&P: 231

February 2022

February 2021

TRINITY METRO
INFORMATION ITEM
BACKGROUND

TEXRail began operations in January of 2019 at nine (9) stations, with seven (7) providing customer parking. At this time, Trinity Metro policy does not allow overnight parking (over 20 hours), not to impact the parking availability of daily riders.

CURRENT STATUS

We routinely receive feedback from both customers and city officials eager and wishful for overnight parking to enhance our already positive service. To continue creating a positive transit experience for our current riders and capturing new riders to continue incremental ridership growth, we seek committee feedback on expanding our parking to those seeking an overnight offering at five (5) of our stations to accommodate additional vehicles. The list below shows our parking capacity for each station. Three (3) stations were not considered for overnight parking: Fort Worth Central Station has paid parking in the lots across Jones St; Grapevine parking garage has too few spots to utilize paid parking; and DFW North is on DFWIA’s property, which would compete with the airport’s parking revenue.

T&P Station- 308
Outline

1. Managed Fee-Based Parking:
   Trinity Metro currently contracts with ACE Parking Management (“ACE”). We received a proposal to allow managed parking to our customers for $6.50/night (including all convenience fees), which is less costly than DFWIA remote parking fees of $10.00/day. This parking option would primarily function on a phone application that provides reservation and payment conveniences to our customers; however, to accommodate Title VI, we would also provide an alternate means to book and pay.

2. Operation:
   ACE will manage and use Duncan Solutions/Civic Smart Enforcement System to enforce the paid parking program. There is a monthly management fee of $500, with a 5% increase in years 2 and 3. Additionally, Trinity Metro will reimburse ACE for out-of-pocket expenses. The Net Operating Income will be sent to Trinity Metro. An estimated proposal and proforma are attached.

3. Customer Use:
   Customers can use the ACE APP or text a specific number to reserve or purchase a single day or multiple days of parking at once. Customers can also track the number of days remaining and access convenient payment options.
ACTION ITEMS
COMMUTER RAIL COMMITTEE

ACTION ITEM

**Item Number:** CRC2022-07  
**Meeting Date:** April 18, 2022

**Item Title:** TRE Security Camera System Replacement

**BACKGROUND**

This project aims to replace an antiquated analog camera surveillance system with a modernized, more robust surveillance system designed to provide video surveillance at each of the four Tarrant County TRE park-and-ride stations and platforms, including Fort Worth Central Station. Once the station becomes operational, the new video surveillance system will integrate with the new TRE Trinity Lakes Station. On April 27, 2021, an RFP solicited proposals for the TRE Security Camera System Replacement Project; only one submission was received at a proposed cost of $1,100,000. After review, it was in the best interest of Trinity Metro to reject the proposal and elect to use the State of Texas Department of Information Resources (DIR) Contract Number DIR-CPO-4742 for this project.

**PROCUREMENT**

Per the Trinity Metro Procurement Policy, the new video surveillance system will be secured using an established State of Texas Department of Information Resources (DIR) contract (DIR-CPO-4742). These types of contracts allow eligible customers, such as Trinity Metro, to buy technology-related products, services, and software at aggressive discounts. This contract complies with state purchasing requirements for fair and open competition.

**FINANCE**

Funds for this project are included in the Trinity Metro FY2022 Capital Budget. In addition, federal funding through Section 5307 grant funds for security will cover 80% of the project cost, and the Trinity Metro local match will be 20%.

**RECOMMENDATION**

We request the Commuter Rail Committee recommends that the Trinity Metro Board of Directors authorize the President/Chief Executive Officer to execute a contract with Preferred Technologies for $315,926.52 plus a 15% contingency for $47,388.98 to cover any unforeseen services, for a total amount of $363,315.50.

Approved by:

KEVIN HUNT, DIRECTOR OF SECURITY  
DATE  
PRESEIDENT/CEO

DocuSign Envelope ID: C07909C9-4C27-4E34-B45C-9D07FEC8E744
COMMUTER RAIL COMMITTEE

ACTION ITEM

Item Number: CRC2022-08
Item Title: TEXRail Traffic Signal Construction at Iron Horse Blvd and Boulder

Meeting Date: April 18, 2022

BACKGROUND

During the TEXRail Iron Horse Station design in North Richland Hills, a traffic analysis was performed to assess the impact of the Iron Horse Station traffic on the nearest critical intersections. A Capacity Analysis showed that the intersection of Iron Horse Boulevard and Boulder Drive would not operate at an acceptable level of service unless traffic improvements were implemented. The traffic analysis also considered traffic volumes from the TEXRail Station and mixed-use development in the area. The traffic analysis showed a traffic signal was needed at the intersection of Iron Horse Boulevard and Boulder Drive.

In November 2020, Trinity Metro signed an agreement with the City of North Richland Hills and a Developer to construct the traffic signal needed at the intersection of Iron Horse Boulevard and Boulder Drive to improve vehicular safety, bicycle, and pedestrian traffic.

An Invitation for Bid (IFB 22-T014) for Traffic Signal Construction was issued and advertised on Trinity Metro’s website. Two (2) contractors responded to the Invitation for Bid and complied with the requirements. Responding contractors were Road Solutions and Durable Specialties, Inc. Road Solutions was the lowest, most responsive, and responsible bidder.

PROCUREMENT

Trinity Metro’s Procurement Department has followed its procurement policy with this invitation for bid and complies with all applicable Federal, State, and Trinity Metro procurement requirements.

FINANCING

The Traffic Signal Construction Project will use the TEXRail Program budget funds in the Trinity Metro FY2022 Capital Budget. Trinity Metro is responsible for sixty percent (60%) of the project construction cost. The Developer will reimburse Trinity Metro forty percent (40%) of the construction cost.

(continued on next page)
DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION

A Disadvantaged Business Enterprise (DBE) Goal of 12% was established for this solicitation. Road Solutions has committed to meet or exceed the established DBE Goal for this contract.

RECOMMENDATION

We request the Commuter Rail Committee recommends that the Trinity Metro Board of Directors authorize the President/CEO to enter into a contract with Road Solutions for $453,585.62 with a 10% ($45,358.56) contingency for unforeseen expenses, for a total amount of $498,944.18.

Approved by:

JOHN TIPTON, PROJECT MANAGER

DATE

PRESIDENT/CEO
COMMUTER RAIL COMMITTEE
ACTION ITEM

Item Number: CRC2022-09  
Meeting Date: April 18, 2022

Item Title: Construction Oversight Services related to DART Silver Line Project

BACKGROUND

In April 2021, Trinity Metro (TM) and DART executed the Dallas/Fort Worth International Airport (DFWIA) Operating Agreement, allowing DART access to and use of the TEXRail easement and improvements in DFWIA. Under the terms of the agreement, TM issued a Task Order to TranSystems to review the Silver Line plans. This review has been substantially completed, and DART and its Contractor are ready to increase construction activities inside the TEXRail easement.

The DFWIA Operating Agreement Article 8 Design, Construction and Maintenance, paragraph d. Plan Approval and Third-Party Costs states the following:

DART shall be responsible for paying all reasonably necessary actual, third party expenses incurred by Trinity Metro for consultants, engineers, surveyors, construction managers, construction observers, and the like that Trinity Metro reasonably retains in connection with its administration of DART's design or construction activities, including all third-party charges, expenses, and reimbursements associated with on-site inspection and observation, flagging, design package, plan, and construction document review, force account work, or similar tasks, and DART will reimburse Trinity Metro within thirty (30) days of DART's receipt of invoices from Trinity Metro regarding such expenses. Trinity Metro's construction observers and inspectors will not direct or control construction activities, subject to the right of any such observer or inspector to notify DART of any complaints or concerns and to make recommendations to Trinity Metro.

This Action Item is to request the Commuter Rail Committee approval to issue a task order to TranSystems to assist Trinity Metro as Owner's Representative during the construction of the Silver Line at DFWIA.

FINANCING

The costs for Construction Oversight Services related to the Silver Line project will be reimbursed 100% by DART as stated in the DFWIA Operating Agreement.

RECOMMENDATION

We request the Commuter Rail Committee recommends that the Trinity Metro Board of Directors authorize the President / Chief Executive Officer to issue a Task Order to TranSystems for $444,853.71. Trinity Metro included and retains a 10% ($44,485.37) contingency for unforeseen circumstances for a total not-to-exceed amount of $489,339.08 for Construction Oversight Services.

Approved by:

JOHN TIPTON, PROJECT MANAGER  
DATE

PRESIDENT/CEO