COMMUTER RAIL COMMITTEE WORKING SESSION
MONDAY FEBRUARY 14, 2022 3:30 P.M.
COMMUTER RAIL COMMITTEE
WORKING SESSION

MONDAY FEBRUARY 14, 2022 3:30 P.M.

801 GROVE STREET
Downtown Fort Worth
801 Grove Street, Ground Floor
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

B. UPDATES

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

C. ACTION ITEMS

1. CRC2022-06 Highway-Rail Signal Interface Agreement
   For Signal Modifications at the 23rd Street Crossing (TEXRail)
   John Tipton

D. OTHER BUSINESS

E. NEXT MEETING
   MONDAY, MARCH 21, 2022

F. ADJOURN
COMMUTER RAIL COMMITTEE
INFORMATION ITEM

Item:  TEXRail Update  Meeting Date:  February 14, 2022

Reed Lanham, Deputy Chief Operating Officer of Rail, will present an update on TEXRail.
TEXRail Safety

Days without a lost time injury:

- Transportation/Maintenance of Equipment - 1,451
- Maintenance of Way/Signal - 521
TEXRail On-Time Performance

99.8%
99.3%
99.0%
99.4%
98.9%
99.0%
99.5%
99.7%
99.5%
99.6%
99.1%
99.8%

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

Goal -- 98%
TEXRail Monthly Ridership

FY21 YTD Ridership: 137,895
FY20 YTD Ridership: 60,449
FY22 YTD Ridership: 135,923
TEXRail Average Weekday Ridership
TEXRail Average Saturday Ridership

Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep
FY19 FY20 FY21 FY22
TEXRail Average Sunday Ridership
TEXRail Average Weekday Ridership

DFW Airport Terminal B: 345
DFW Airport North: 21
Grapevine/Main Street: 104
North Richland Hills/Smithfield: 79
North Richland Hills/Iron Horse: 142
Mercantile Center: 94
North Side: 73
Fort Worth Central: 100
Fort Worth T&P: 103
TEXRail Average Saturday Ridership

- DFW Airport Terminal B: 312 (2021) vs. 141 (2020)
- DFW Airport North: 16 (2021) vs. 5 (2020)
- Grapevine/Main Street: 313 (2021) vs. 163 (2020)
- North Richland Hills/Smithfield: 391 (2021) vs. 254 (2020)
- North Richland Hills/Iron Horse: 254 (2021) vs. 84 (2020)
- Mercantile Center: 90 (2021) vs. 63 (2020)
- North Side: 77 (2021) vs. 40 (2020)
- Fort Worth Central: 237 (2021) vs. 124 (2020)
- Fort Worth T&P: 237 (2021) vs. 142 (2020)

December 2021 vs. December 2020 ridership comparison.
TEXRail Average Sunday Ridership

- DFW Airport Terminal B: 171 (2021), 71 (2020)
- DFW Airport North: 12 (2021), 7 (2020)
- Grapevine/Main Street: 183 (2021), 124 (2020)
- North Richland Hills/Smithfield: 208 (2021), 185 (2020)
- Mercantile Center: 87 (2021), 77 (2020)
- North Side: 92 (2021), 83 (2020)
- Fort Worth Central: 200 (2021), 103 (2020)
- Fort Worth T&P: 223 (2021), 114 (2020)

December 2021 vs December 2020
Item: Trinity Railway Express Update  

Meeting Date: February 14, 2022

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

Days without a lost time injury:

- Transportation/Maintenance of Equipment - 71
- Maintenance of Way/Signal - 47
TRE On-Time Performance

Oct   Nov   Dec   Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep
98.2%  97.7%  97.8%  99.2%  98.8%  99.3%  99.6%  98.5%  98.0%  98.6%  97.6%  99.1%

Goal -- 97%
TRE Average Weekday Ridership
TRE Average Saturday Ridership

Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep
FY19 FY20 FY21 FY22
0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000
1,703 1,521 1,304 1,441 1,356 2,116 2,046 2,001 1,946 1,846 1,787 2,628
3,691 2,858 3,294
TRE Average Weekday Ridership

- EBJ Union: 503 (2021), 737 (2020)
- Victory: 503 (2021), 408 (2020)
- Medical Market Center: 408 (2021), 300 (2020)
- Downtown Irving Heritage Crossing: 347 (2021), 300 (2020)
- West Irving: 300 (2021), 207 (2020)
- CentrePort: 244 (2021), 224 (2020)
- Bell: 207 (2021), 126 (2020)
- Richland Hills: 224 (2021), 198 (2020)
- Fort Worth Central: 408 (2021), 269 (2020)
- Fort Worth T&P: 393 (2021), 183 (2020)
TRE Average Saturday Ridership

EBJ Union: 637 (December 2021) 338 (December 2020)
Victory: 760 (December 2021) 389 (December 2020)
Medical Market Center: 96 (December 2021) 67 (December 2020)
Downtown Irving Heritage Crossing: 228 (December 2021) 125 (December 2020)
West Irving: 120 (December 2021) 64 (December 2020)
CentrePort: 283 (December 2021) 178 (December 2020)
Bell: 252 (December 2021) 53 (December 2020)
Richland Hills: 252 (December 2021) 66 (December 2020)
Fort Worth Central: 350 (December 2021) 186 (December 2020)
Fort Worth T&P: 389 (December 2021) 182 (December 2020)
ACTION ITEMS
COMMUTER RAIL COMMITTEE

ACTION ITEM

Item Number: CRC2022-06  Meeting Date: February 14, 2022
Item Title: Highway-Rail Signal Interface Agreement for Signal Modifications at the 23rd Street Crossing

BACKGROUND

On October 25, 2021, the Trinity Metro Board of Directors approved BA-2022-02 for signal modifications needed at the 23rd Street crossing to improve train performance for $263,684.

The initial cost approved by the Board of Directors was based on utilizing the existing REMOTE HOUSE (located about 1,000 feet from the Tower 60 interlocker). Upon further engineering review and a revised field survey, it was determined that an additional NEW REMOTE HOUSE would be required to provide the necessary signal "looks" in both directions thru/beyond the interlocker. Since the EXISTING REMOTE HOUSE was too far from the interlocker to run track wires, a new DAX Cable would need to be installed between the NEW and EXISTING Remote Houses turn will communicate to the NE 23rd Street crossing signals. In addition, the crossing controller in the EXISTING REMOTE HOUSE will need to have the HXP-3R2 replaced with a new XP-4 for compatibility.

Trinity Metro had a third party review the BNSF proposal, and no exceptions were taken.

Trinity Metro would like to execute a Highway-Rail Signal Interface Agreement with BNSF for completing the signal modifications from Tower 60 to the 23rd Street grade crossing.

FINANCING

The BNSF Highway-Rail Signal Interface Agreement will be funded from the TEXRail Program budget included in Trinity Metro’s FY2022 Capital Budget.

RECOMMENDATION

We request that the Commuter Rail Committee recommend that the Trinity Metro Board of Directors authorize the President/Chief Executive Officer to execute the Highway-Rail Signal Interface Agreement with BNSF for $397,171 plus 20% contingency ($79,434) for a not to exceed the amount of $476,605. This amount is an increase of $212,921 above the previously approved amount of $263,684.

Approved by:

JOHN TIPTON, PROJECT MANAGER

Date: Feb-09-2022

PRESIDENT/CEO

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