IMPLEMENTATION OF REGIONAL VELOWEB TRAIL CORRIDORS

NCTCOG Sustainable Development Program
Kevin Kokes, AICP

September 5, 2018
TOD Task Force
Regional Veloweb

- Existing: 455 Miles
- Funded: 143 Miles
- Planned: 1,285 Miles
- Total: 1,883 Miles

Facility recommendations indicate transportation need. Corridor-specific alignment, design, and operational characteristics for the Regional Veloweb system will be determined through ongoing project development.
Highlighting Regional Trail Corridors

<table>
<thead>
<tr>
<th></th>
<th>Existing/Funded</th>
<th>Planned</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>52 miles</td>
<td>12 miles</td>
<td>64 miles</td>
</tr>
<tr>
<td></td>
<td>14 miles</td>
<td>32 miles</td>
<td>46 miles</td>
</tr>
<tr>
<td></td>
<td>67 miles</td>
<td>15 miles</td>
<td>82 miles</td>
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<tr>
<td></td>
<td>41 miles</td>
<td>13 miles</td>
<td>54 miles</td>
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Legend:
- Blue line: Fort Worth to Dallas Regional Trail Corridor
- Orange line: Cotton Belt Regional Trail Corridor
- Yellow line: Dallas to McKinney Regional Trail Corridor
- Green line: Denton to Dallas Regional Trail Corridor
Lake Highlands Trail Extension

2.7 Miles, $5.5+ Million
Trinity Strand Trail Ph2

Shared-use path from existing Trinity Strand Trail at the intersection of Market Center Blvd. and Turtle Creek Blvd. to Inwood / Love Field DART Station

- 2.3 Miles
- $7+ Million
- Connects to two DART Stations and one-third mile from Market Center Station
- Area with a high density of short distance car trips
- Implements safety countermeasures in area with high crash density
DCTA Rail Trail to Campion Trail

Seven participating agencies

- **Transportation Agencies**: DCTA and DART
- **Cities**: Lewisville, Carrollton, and Coppell
- **Counties**: Denton Co. and Dallas Co.

Approx. 8 mi. from DCTA Hebron Station to Campion Trail (Coppell / Irving)

Additional 3 mi. of trail connections

- North Carrollton/Frankford DART station,
- Trinity Mills DART station, and
- The existing North Levee Trail along Denton Creek in Coppell west of MacArthur Blvd
Connectivity Issues

- Multiple Jurisdictions and Unincorporated Land
- Major Roadway Crossings - Sam Rayburn Tollway (SRT), PGBT, IH 35E
- Rail Crossings
- Waterway Crossings - Elm Fork Trinity River, Dudley Branch, Furneaux Creek and Timber Creek
- Floodplain / Flooding
- Denton Co. Levee District
- Valwood Improvement Authority
- Utility Corridors
- Land Uses (e.g. Dallas Gun Club)
- Public and Private Properties
- Constrained Right-of-Way

Photo: Hebron Station facing South
Connection to North Carrollton/Frankford Station
Regional Trail Connections to Farmers Branch

- DART Rail Corridor to Carrollton and Dallas
- Westside Trail to Irving Campion Trail
## Background

### Cotton Belt Regional Veloweb Trail (DFW Airport to Plano)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>December 1996</strong></td>
<td>Regional Veloweb alignment included in Mobility 2020</td>
</tr>
<tr>
<td><strong>2017 - 2018</strong></td>
<td>NCTCOG, DART, and local jurisdictions coordinate opportunities for trail environmental clearance, design, and funding to construct “critical” trail sections</td>
</tr>
</tbody>
</table>
| **Summer/Fall 2018** | Funding requested of RTC for trail:  
• design (26-mile corridor) and  
• construction (8.5 miles of “critical” trail sections) |
| **Early 2019**  | DART design/build contractor begins design and construction phases                |
Cotton Belt Regional Rail (with Trail)
Eastern Portion of Corridor
(with Cotton Belt Rail Project)
from DFW North Airport Station in Grapevine
to Plano Shiloh Station
26.2 miles

Entire Corridor
from Fort Worth (West of Handley Ederville Rd) to Plano Shiloh Station
46 miles
Trail Examples from DART Cotton Belt Rail DEIS
Critical Trail Sections

Primary Considerations

- Typically includes grade separation (trail bridges) where DART is planning rail bridges of major roadways

- Areas of constrained ROW

- Areas where trail and bridge construction is not feasible once the Cotton Belt Passenger Rail is active

Photo Courtesy City of Denton: MLK Trail Bridge at Loop 288 constructed adjacent to the DCTA Rail Bridge
Cotton Belt Regional Veloweb Trail Sections
Background

Fort Worth to Dallas Regional Veloweb Trail

December 1996
Regional Veloweb alignment included in Mobility 2020

November 2013
Five Mayors meet and commit to implement the 64-mile Regional Veloweb alignment (24.5 miles need funding)

2014 to 2018
18.5 miles of trail with funding commitments (variety of sources)

Summer/Fall 2018
Funding request of RTC for 3.1 miles to complete a continuous 53-mile alignment connecting the five cities
## Fort Worth To Dallas Regional Veloweb Trail

<table>
<thead>
<tr>
<th>Existing and Funded</th>
<th>21.9 miles</th>
<th>7.4 miles</th>
<th>6.4 miles</th>
<th>11.9 miles</th>
<th>10.4 miles</th>
<th>Total</th>
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<tbody>
<tr>
<td>Planned and Unfunded</td>
<td>1.4 miles</td>
<td>0</td>
<td>3.3 miles</td>
<td>1.3</td>
<td>0</td>
<td>6 miles</td>
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</table>

### Fort Worth to Dallas Regional Trail

**Legend**

- **Existing**
- **Funded**
- **Planned**

**Regional Trail Corridor Facility Status**

- Downtown Fort Worth
- Arlington
- Grand Prairie
- Irving
- Downtown Dallas
**Fort Worth To Dallas Regional Veloweb Trail**  
(CentrePort Station to Mike Lewis Trail)

*Note:* Approximately 1.6-miles along Rock Island Rd. from West Irving Station to Tarrant Co. line will be completed with a future roadway project (date TBD).
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