Dallas Area Rapid Transit (DART) Cotton Belt “Silver Line” Project

Betterments Workshop #2 – Carrollton Group 1
October 29, 2019
Community Betterments

Kick-Off

- Community-wide meeting with all Communities to explain the 3-workshop process
- April 3, 2019

Workshop #1

- Define betterments
- What is important, if feasible
- October 1, 2019

Workshop #2

- Presentation of betterments requested
  - Review options
  - Feedback and decisions
- October 29, 2019

Workshop #3

- Report back to community
- Confirm consensus
- December 5, 2019
City of Carrollton – Area Group #1 Workshop #1 – October 2019
Cotton Belt Corridor Betterments
Policy Overview – Carrollton Group #1

- Cotton Belt Betterments
  1,400 Linear Feet
  $1,212,400

- Residential Adjacency Betterments
  1,400 Linear Feet
  $473,800

- Sound Wall Mitigations
  1600 Linear Feet
Switchyard Apartments

Switchyard Apts. - Station 2102+00 to 2106+00
400 Linear Feet
Cotton Belt Betterment ($345,400)
Residential Adjacency Betterment ($63,200)
Erie St. Residence

- Erie St. - Station 2125+00 to 2128+00
- 300 Linear Feet
- Cotton Belt Betterment ($259,800)
- Residential Adjacency Betterment ($47,400)
Clint St. Residence
Baxley St. Residences
Cecil Dr. Residences

Cecil Dr. - Station 2134+00 to 2150+00
1,600 Linear Feet
Noise Mitigating Wall
Residential Adjacency Betterment ($252,800)
TYPICAL CROSS SECTION
Base Design – No Walls
TYPICAL CROSS SECTION
12’ Betterment Wall on 1 Side
TYPICAL CROSS SECTION
12’ Betterment Wall on 2 Sides
TYPICAL CROSS SECTION
15’ Betterment Wall on 1 Side
TYPICAL CROSS SECTION
15’ Betterment Wall on 2 Sides
TYPICAL CROSS SECTION
Other Betterment Options
TYPICAL CROSS SECTION
Hike and Bike Trail on 1 side
Mitigation or Betterment Walls

BUSH HAMMER CONCRETE (BASE)
Enhanced Wall Option – Sound Absorbing Post & Panel (15’ Mitigation wall)

**TEST RESULTS SUMMARY:**

<table>
<thead>
<tr>
<th>Set 1 (bundle) – Painted Panels</th>
<th>Test Results</th>
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<tbody>
<tr>
<td></td>
<td>Lid Side (Test #5)</td>
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<tr>
<td></td>
<td>NRC</td>
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<tr>
<td>(P)30NM:N/2440 RDNBP17112360</td>
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<td>(P)30NM:N/2440 RDNBP17112358</td>
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All panels tested consisted of a Mould Side Base Layer of 51mm / Pattern Layer of 22mm, and a Lid Side Base Layer of 51mm / Pattern Layer of 22mm*

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*Note: Further details and specifications related to the test results and panel materials should be provided for a comprehensive understanding of the test outcomes and their implications.
Enhanced Wall Option – Sound Absorbing Post & Panel (15’ Mitigation wall)

This wall is sound absorbing, therefore, the sound will not bounce off of the wall.
Wall Enhancement Options

APPLIED ARTISAN METAL PANELS
Wall Enhancement Options
Fence Enhancement Options

VINYL COATED CHAIN LINK FENCE

STEEL PICKET FENCE

WELDED WIRE FENCE
Right of Way Screening Options

DECORATIVE MASONRY UNIT SCREEN

PRECAST CONCRETE SCREEN
Right of Way Screening Options

- Masonry Unit Screen
- Evergreen Hedge Screen
- Metal Louver Screen
Street Crossing Landscaping Enhancements
Street Crossing Landscaping Enhancements
Residential Adjacency Visual Landscape Mitigation – Trees @ 120’ – 150’ OC

Trees @ 120’ to 150’ On Center
Right of Way Landscaping Enhancements

GREEN HEDGE BARRIER

SOUND WALL LANDSCAPING
Right of Way Landscaping Enhancements

- Planting Islands @ 150’ On Center
- Trees @ 35’ On Center
Submitting Requests

• Ballot ID assigned to each qualified resident/property owner
• Track all requests to ensure maximum participation
• Majority consensus for each section required
Community Betterments

Next Step Workshop #3 - Group 1

1. Residential Adjacent Property Owners to provide feedback for preference of betterment on or before – November 21, 2019

2. Preparation of options

3. Presentation of options – December 5, 2019
How to Stay Informed

- Visit www.DART.org/cottonbelt
- Sign up for project alerts at www.DART.org/cottonbelt
- Email Cottonbelt@DART.org
- DART HOTLINE 972-833-2856
- Attend meetings regularly
- Mail your Community Engagement Representative
Community Engagement Representative

Rosa Rosteet
cottonbelt@dart.org
214-749-2522
Hike & Bike Trail Contacts

North Central Texas Council of Governments (NCTCOG)

Kevin Kokes
kkokes@nctcog.org
817-695-9275

City of Carrollton

Marcos Fernandez
marcos.fernandez@cityofcarrollton.com
972-466-3154