

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 #2

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

Workshop #1

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

Workshop #3

- Report back to community
- Confirm consensus
- December 5, 2019

City of Carrollton – Area Group #1 Workshop #1 – October 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

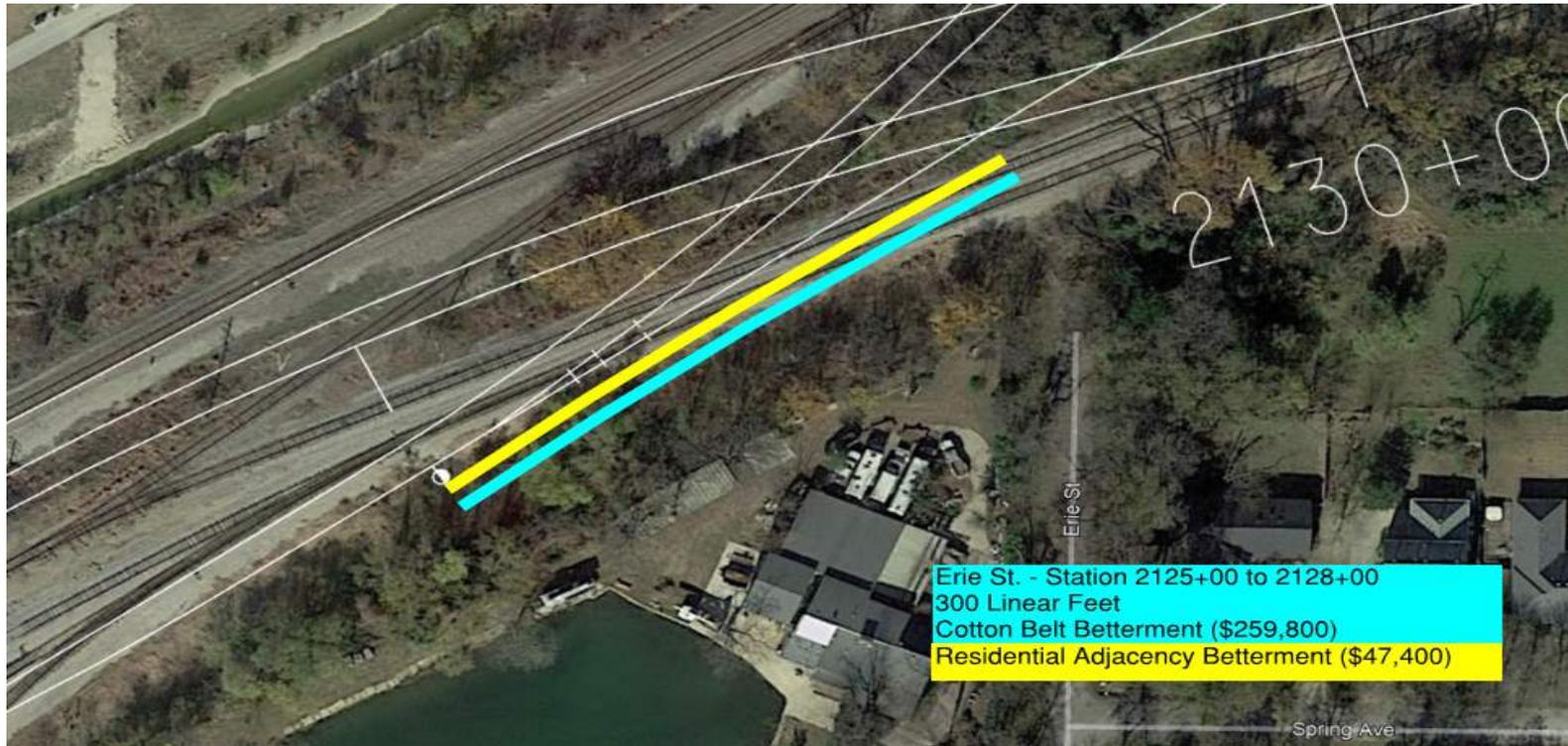
Sound Wall Mitigations

1600 Linear Feet

Switchyard Apartments



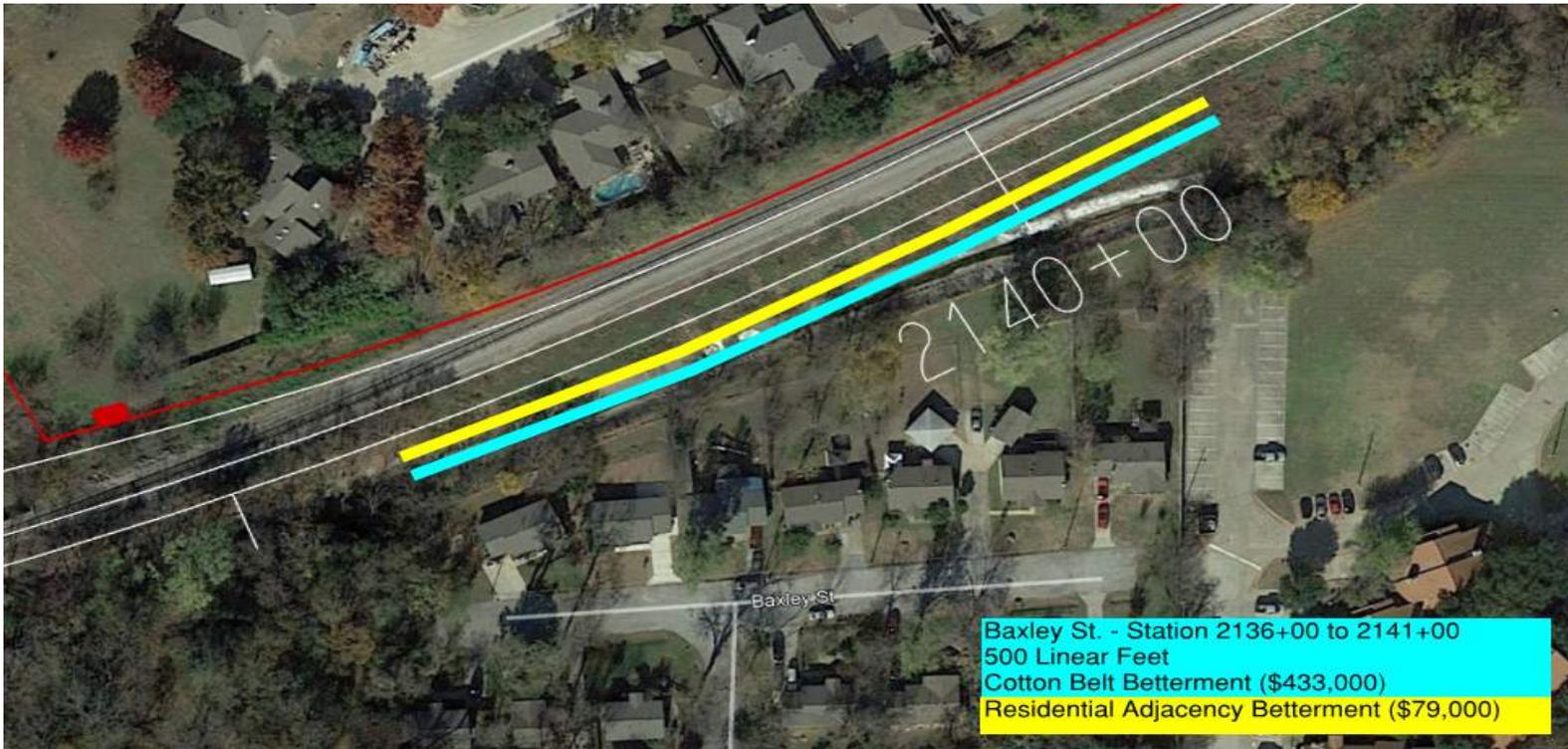
Erie St. Residence



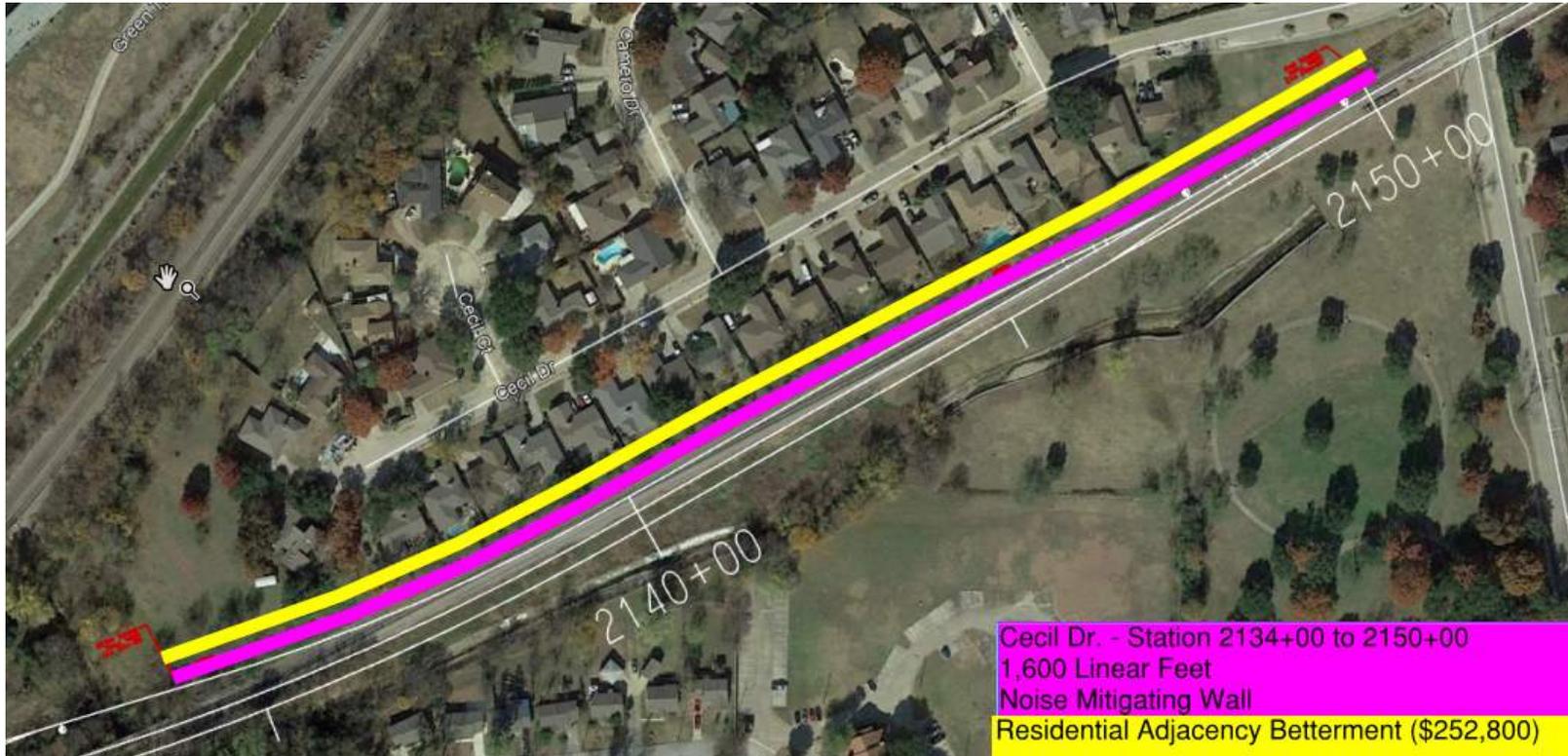
Clint St. Residence



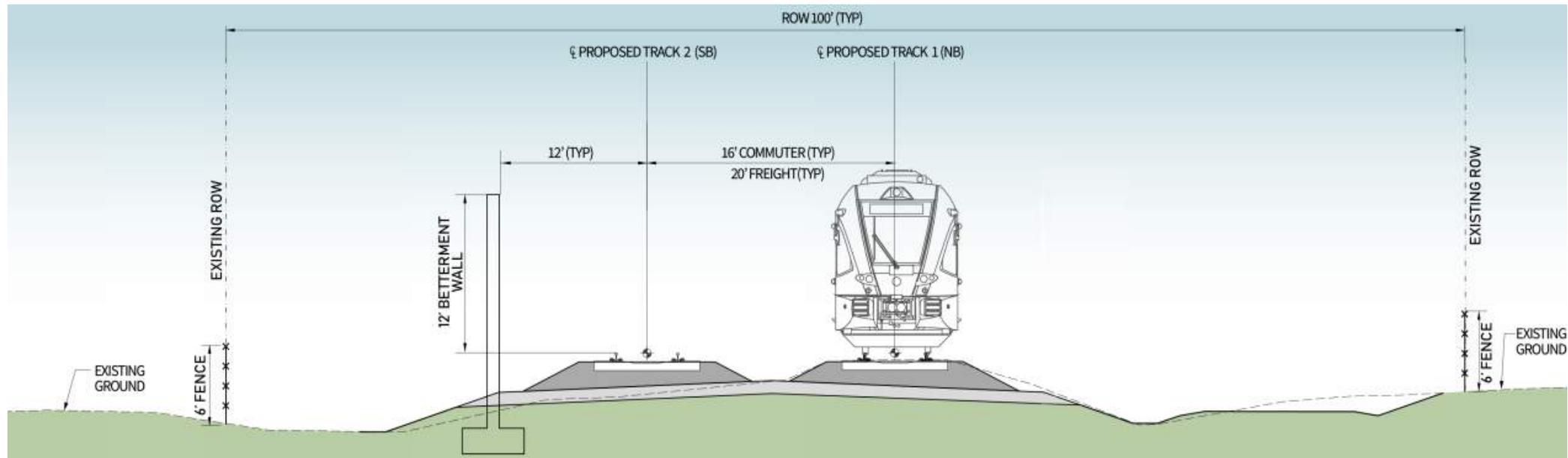
Baxley St. Residences



Cecil Dr. Residences

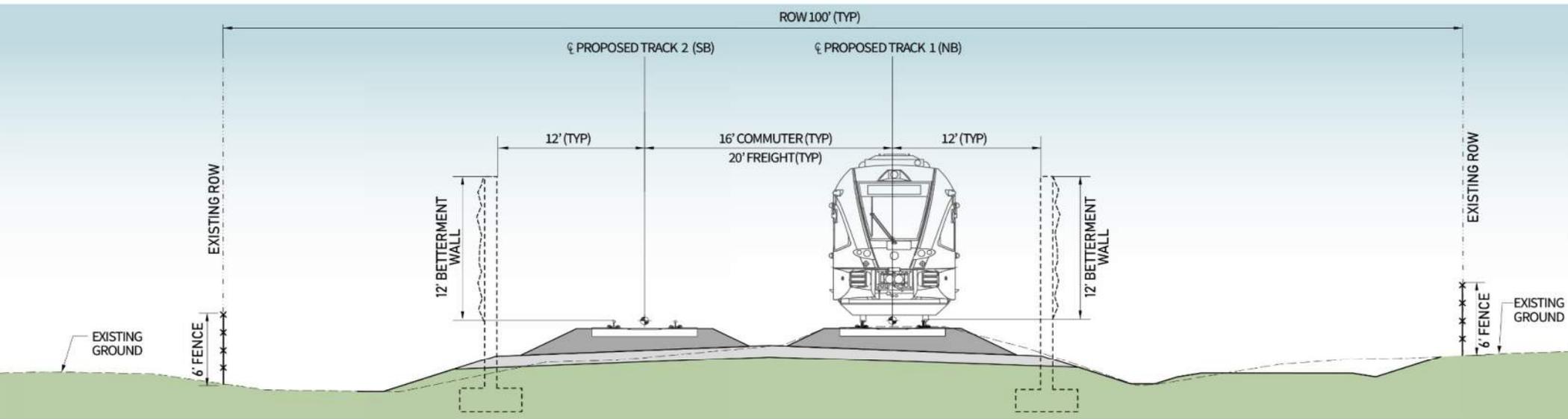


TYPICAL CROSS SECTION 12' Betterment Wall on 1 Side

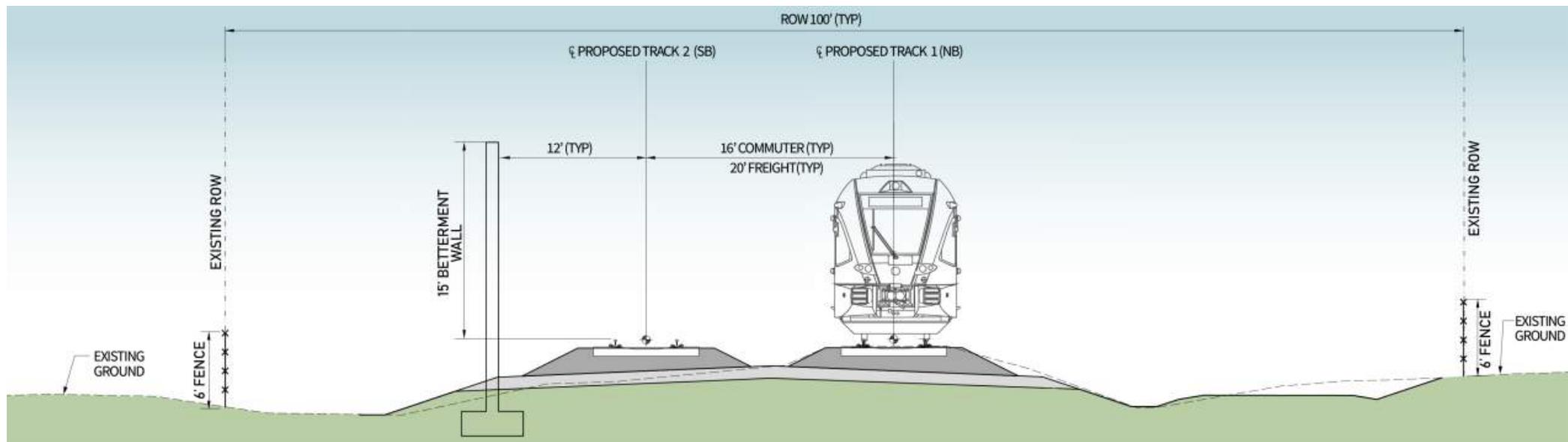


TYPICAL CROSS SECTION

12' Betterment Wall on 2 Sides

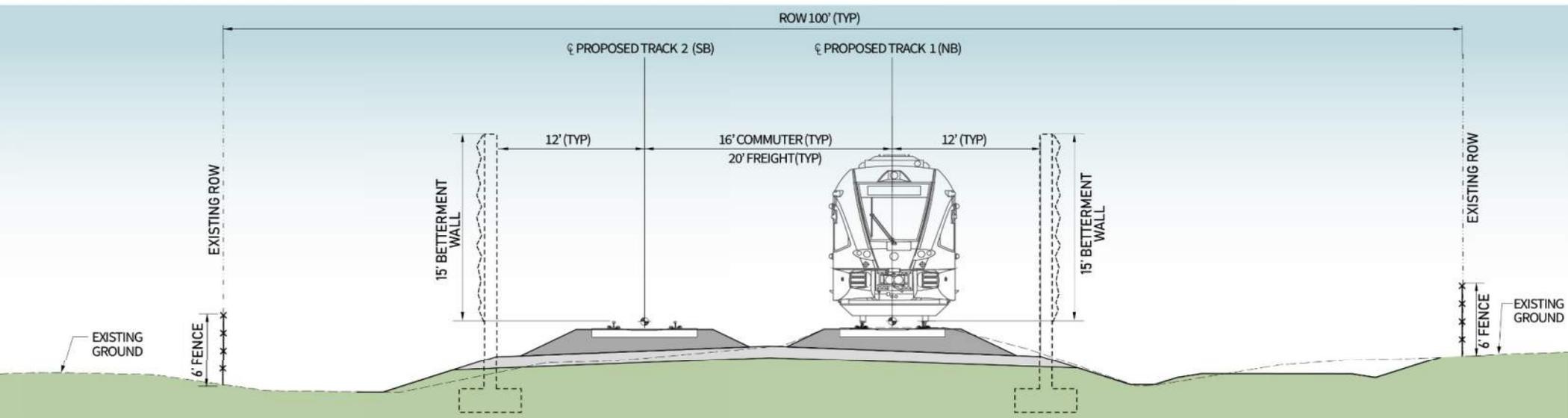


TYPICAL CROSS SECTION 15' Betterment Wall on 1 Side



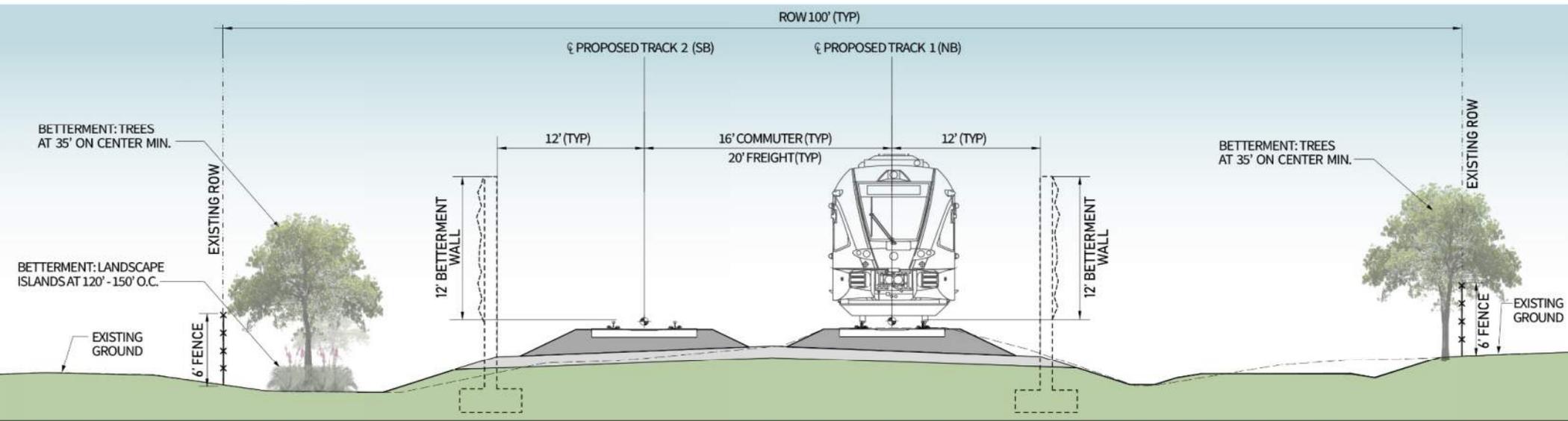
TYPICAL CROSS SECTION

15' Betterment Wall on 2 Sides



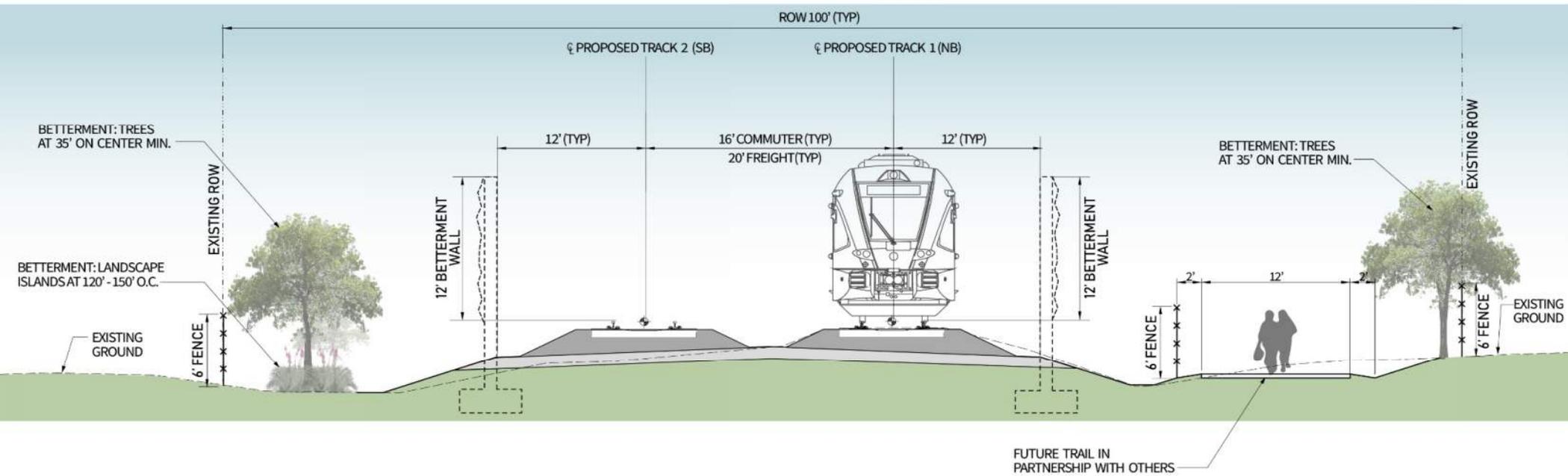
TYPICAL CROSS SECTION

Other Betterment Options

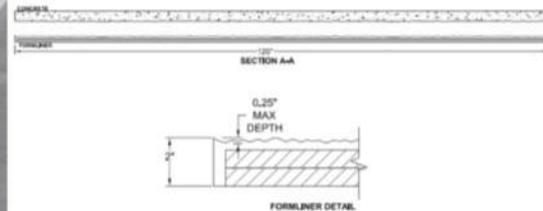


TYPICAL CROSS SECTION

Hike and Bike Trail on 1 side



Mitigation or Betterment Walls



BUSH HAMMER CONCRETE (BASE)

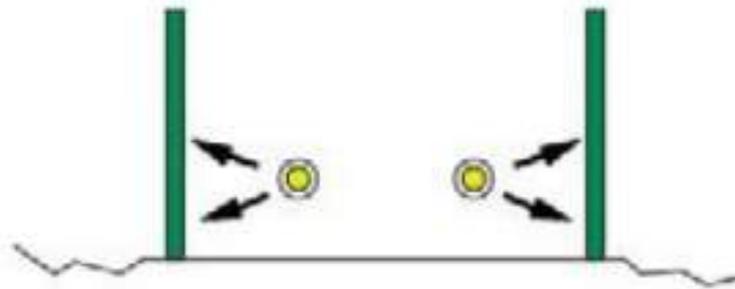
Enhanced Wall Option – Sound Absorbing Post & Panel (15' Mitigation wall)

TEST RESULTS SUMMARY:

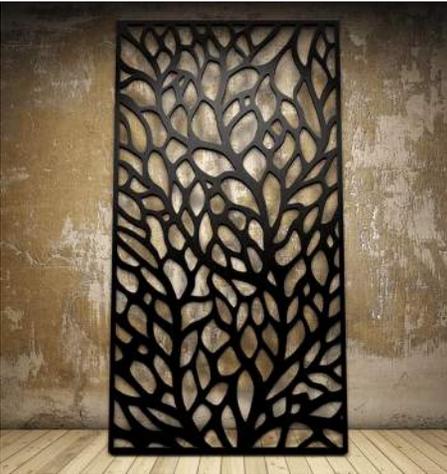
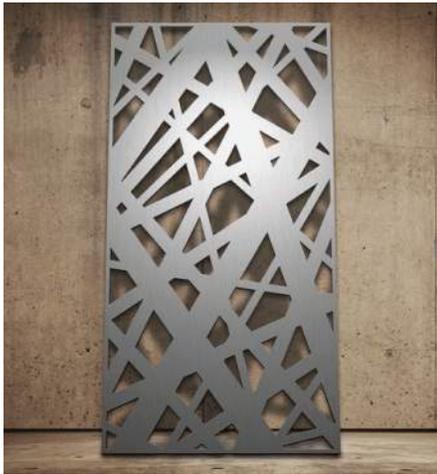
		Test Results			
		Lid Side (Test #5)		Mould Side (Test #6)	
		NRC	SAA	NRC	SAA
<i>Set 1 (bundle) – Painted Panels</i>		0.95	0.94	0.90	0.87
(P)30NM:N/2440	RDNBP17112360				
(P)30NM:N/2440	RDNBP17112359				
(P)30NM:N/2440	RDNBP17112358				
All panels tested consisted of a Mould Side Base Layer of 51mm / Pattern Layer of 22mm, and a Lid Side Base Layer of 51mm / Pattern Layer of 22mm*					

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



APPLIED SCREEN PANELS

Fence Enhancement Options



VINYL COATED CHAIN LINK FENCE

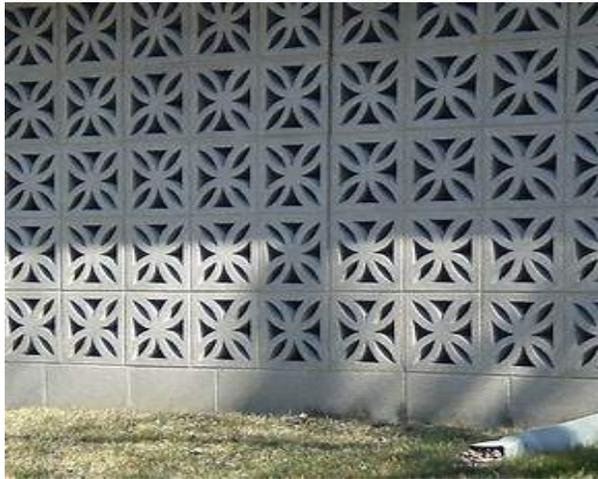


STEEL PICKET FENCE



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

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)

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City of Carrollton

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