Memorandum

MIAMI-DADE COUNTY

Date: October 6, 2020

Agenda Item No. 8(N)(38)

To: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Subject: Resolution Approving Recommendation for Award of Construction Services for the Metrorail Acoustical Barrier Replacement Phase 3 (Part 1 of 2) project to Halley Engineering Contractors, Inc. in the amount of $30,525,860 and Authorizing the Use of People's Transportation Plan Bond Program Funds For Such Purposes

Recommendation

This Recommendation for Award of Construction Services for the Metrorail Acoustical Barrier Replacement Phase 3 (Part 1 of 2) project, to Halley Engineering Contractors, Inc., in the amount of $30,525,860 (inclusive of a contingency allowance account of $2,763,260) and a contract term of 550 calendar days, has been prepared by the Department of Transportation and Public Works (DTPW) and is recommended for approval by the Board of County Commissioners (Board) pursuant to Section 2-8.1 of the Code of Miami-Dade County (Code).

This recommendation for award will provide for the installation of new Metrorail Acoustical Barriers on prioritized portions of the existing Metrorail elevated guideway. Based on funding availability, the project was split into two phases: Phase 3 (Part 1 of 2) and Phase 3 (Part 2 of 2). As part of Phase 3 (Part 1 of 2), DTPW is prioritizing the installation of the new acoustical barriers in areas where residential properties are within 150 feet of the guideway and in areas adjacent to major hospitals. For a specific list of all span locations where acoustical barriers were removed and will be replaced, please refer to the attached Exhibit 6.

This contract award recommendation is placed for Board review pursuant to the Code Section 29-124(f). This contract award recommendation may only be considered by the Board if the Citizens' Independent Transportation Trust (CITT) has forwarded a recommendation to the Board prior to the date scheduled for Board consideration or 45 days have elapsed since the filing with the Clerk of the Board of this contract award recommendation. If the CITT has not forwarded a recommendation and 45 days have not elapsed since the filing of this award recommendation, a request for withdrawal of this item will be submitted.

Scope

The scope of this item is countywide in nature as it benefits the users of the Metrorail. The Metrorail system traverses across various commission districts.

Fiscal Impact/Funding Source

The fiscal impact for this award is $30,525,860, which includes a contingency allowance amount of $2,763,260 for any unforeseen work and a dedicated allowance amount of $130,000 for structural damage repairs. Funding for this project can be found under Capital Budget Project No. 6710900 in Volume 2 of the Fiscal Year 2019-20 Adopted Budget and Multi-Year Capital Plan and is included in the FY 2020-21 Proposed Budget. This award is funded by People's Transportation Plan (PTP) Bond

Program Funds. Throughout the life of the asset, there are no anticipated operations and maintenance costs as this a replacement project.

Delegation of Authority

The authority of the County Mayor or County Mayor's designee to execute and implement this contract consistent with those authorities granted under the Code. No further delegation is necessary for this contract.

Background

Acoustical barrier systems provide various functions throughout the entire guideway system. They buffer noise levels to adjacent communities, provide fall protection for work crews and prevent debris from falling off the guideway. Acoustical barriers are mainly installed on elevated structures that travel through communities and when they cross major highways and waterways. During the original development of the Metrorail system, there was approximately 100,000 linear feet of concrete and metal acoustical barrier panels installed along the guideway system that runs from the Dadeland South Station to the Palmetto Station. The current acoustical barrier wall has reached the end of its useful life and can no longer be maintained.

The Board approved the Acoustical Barrier Replacement project in the 2018-2023 PTP Five-Year Implementation Plan on March 6, 2018, following a favorable recommendation by the CITT. Through Resolution Nos. R-150-19, R-604-19 and R-605-19, DTPW contracted for construction services for the removal of acoustical concrete barriers from the Metrorail elevated guideway for $6,896,932.52. The removal of the acoustical barriers was completed in December 2019.

On May 21, 2020, DTPW advertised for construction services for the Metrorail Acoustical Barrier Replacement Phase 3 (Part 1 of 2). A non-mandatory pre-bid teleconference was held on June 4, 2020. Exhibit 1 to this memorandum contains the complete scope of services, license requirements and other information regarding the project. On June 25, 2020, DTPW received three bids in response to the solicitation. The base bid amounts ranged between $27,632,600 and $31,234,294 (excluding the allowance accounts). The lowest bid price, submitted by Halley Engineering Contractors, Inc., is 12.83% below the cost estimate of $31,700,000 (refer to the Contractor's Bid Form in Exhibit 2).

In addition to pricing, Halley Engineering Contractors, Inc.'s bid was reviewed based on its licensing, past experience and ability to perform services of similar scope, as described in the contract documents. At DTPW's request, on July 6, 2020, Halley Engineering Contractors, Inc. provided supporting documentation for the product specifications and a bid commitment letter (refer to Exhibit 3), confirming its ability to perform the project's scope of services (inclusive of all addendums) for the price provided in its bid. Atkins North America, Inc. (Atkins), DTPW's design consultant reviewed the Contractor's price and provided a Letter of Buildability (refer to Exhibit 4) identifying that the Contractor's means and methods attributed to the receipt of a low bid price.

Halley Engineering Contractors, Inc.'s principal has indicated seven years of experience as a general contractor in construction work similar to the work for this contract. DTPW reviewed the business references included in Halley Engineering Contractors, Inc.'s bid package and deemed its experience for projects similar in size and complexity satisfactory. Halley Engineering Contractors, Inc. does not have any evaluations in the Capital Improvements Information System. However, DTPW contacted

its business references and confirmed that Halley Engineering Contractors, Inc. received an average rating of 101 points out of a possible 110 points for three Florida Department of Transportation projects and an above satisfactory rating for a Miami-Dade Expressway Authority project. As a result, DTPW found Halley Engineering Contractors, Inc., to be responsive and responsible to the bid requirements. Therefore, DTPW recommends that the Construction Contract (refer to Exhibit 5), be awarded to Halley Engineering Contractors, Inc.

The Division of Small Business Development's (SBD) Compliance Report Database reflects that Halley Engineering Contractors, Inc. has no record of open or closed small business, wage and/or workforce violations within the last three years. The project has been assigned a Community Workforce Program goal of 10 percent. According to the Firm History Report provided by SBD, within the last three years, Halley Engineering Contractors, Inc. has not held any contracts with the County.

The Project complies with all applicable federal, state and local regulations, including applicable Responsible Wages pursuant to Resolution No. R-54-10. The project involves the installation of new, lightweight acoustical barriers at elevations more than 15 feet above the sea water mean level. As such, the impact of Sea Level Rise has been considered in the project and the principles thereof were found to be not applicable. In addition, based on the project's scope of services, the Sustainable Buildings Ordinance does not apply.

Tt is anticipated that the Notice to Proceed to Halley Engineering Contractors, Inc. will be issued within 30 days of Board approval. Halley Engineering Contractors, Inc. has identified Maytin Engineering Corp. as the only subcontractor to be utilized for this project. Maytin Engineering Corp. was the Prime Contractor, awarded the Acoustical Barrier Replacement Phase 1 (Removal) project under Resolution No. R-150-19. The project was completed on time, within budget and with no reported incidents or accidents.

Track Record/Monitor
Leticia Smith, Chief of Contract Services, and German Arenes, P.E., Chief, Construction, Structural Inspection and Analysis, for DTPW will be responsible for supervising, monitoring and inspecting all aspects of the project's implementation, deployment and administration.

Due Diligence
Due diligence was conducted in accordance with the Internal Services Department's Procurement Guidelines to determine contractor responsibility, including verifying corporate status. The lists that were referenced include: SunBiz, convicted vendors, debarred vendors, delinquent contractors, suspended vendors, federal excluded parties, and SBD's compliance report. There were no adverse findings related to contractor responsibility. This information is being provided pursuant to Resolution No. R-187-12.

Next, Halley Engineering Contractors, Inc. and its first tier sub-contractor's safety records for the last three years were also considered. Copies of its Occupational Safety & Health Form 300 – Log of Work-Related Injuries and Illnesses and inspection data are on file with DTPW's Office of Safety and Security and are available upon request. This information is being provided pursuant to Resolution No. R-1181-18. Finally, Halley Engineering Contractors, Inc. provided written confirmation that it

has no discrimination lawsuits in the last ten years prior to the date of the solicitation. This information is being provided pursuant to Resolution No. R-828-19.

Jennifer Moon
Deputy Mayor

EXHIBIT 1
ADDITIONAL PROJECT REQUIREMENTS

PROJECT NAME:	Metrorail Acoustical Barrier Replacement Phase 3 (Part 1 of 2)
DTPW PROJECT NAME:	Acoustical Barrier Replacement
DTPW PROJECT NO:	CIP168
CONTRACT NO:	CIP168-DTPW19-CT1
PROJECT DESCRIPTION:	DTPW has a need to obtain construction services for the replacement of the acoustical barriers located along the Metrorail system from Abutment AB-1-NS near the Dadeland South Station to AB-1346-LH-NS, which is west of the Okeechobee Station. This project is for Phase 3 (Part 1 of 2) and consists of the testing, furnish and installation of new acoustical barrier where portions of the concrete acoustical barriers have been removed. DTPW is prioritizing the installation of the new acoustical barriers in areas where residential properties are within 150 feet from the guideway and also in areas adjacent to major hospitals. The Contractor must comply with all applicable federal, state and local regulations, including, but not limited to: Occupational Safety and Health Administration requirements and Fall Protection guidelines when performing all work. All work will be performed on an electrified, elevated guideway system, around and over busy streets and expressways. The Contractor shall coordinate all Maintenance of Traffic needs with the agency having jurisdiction as well as with DTPW staff as required.
PROJECT LICENSE REQUIREMENTS:	Miami-Dade County Contractor's Certification is required in one of the following categories: General Building Contractor, General Engineering, or other categories as applicable to Chapter 10 of the Code, or State of Florida General Contractor's License.
USING DEPARTMENT:	Department of Transportation and Public Works
MANAGING DEPARTMENT:	Department of Transportation and Public Works
PTP FUNDING:	Yes
ARRA FUNDING:	No
GOB FUNDING:	No

EXHIBIT 1
ADDITIONAL PROJECT REQUIREMENTS

TOTAL CONTRACT PERIOD:	550 Calendar Days	Excludes Warranty Administration Period
CONTINGENCY PERIOD:	55 Calendar Days	
IG FEE INCLUDED IN BASE CONTRACT:	Yes	
ART IN PUBLIC PLACES:	No	
COMPANY PRINCIPAL:	Daniel I. Halley	
COMPANY STREET / EMAIL ADDRESS:	13901 NW 118 Avenue Miami, FL 33178 DHalley@halleyeng.com	
YEARS IN BUSINESS:	14	
MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS:	No Bidders should be able to demonstrate, through prior experience, the ability to construct projects of similar size and scope, as described in the project's Summary of Work. Bidders shall provide documentation that demonstrates their ability to satisfy all of the minimum qualification requirements.	
REVIEW COMMITTEE:	**MEETING DATE: N/A**	**SIGNOFF DATE: 4/9/2020**
APPLICABLE WAGES: (RESOLUTION No. R-54-10)	Yes	
MANDATORY CLEARING HOUSE:	Yes	

PROJECT NAME: METRORAIL ACOUSTICAL BARRIER REPLACEMENT PHASE 3 (PART 1 OF 2) EXHIBIT 2

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED BIDDER AGREES TO COMPLETE ALL WORK IN ACCORDANCE WITH THIS CONTRACT WITHIN THE CONTRACT DURATION SPECIFIED IN THE CONTRACT DOCUMENTS. **PRICING SHALL BE INCLUSIVE OF ALL REQUIREMENTS TO COMPLETE THE SCOPE OF WORK AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.**

ITEM No.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	General Conditions	LS	1	$670,000.00	$ 670,000.00
2	Mobilization	LS	1	$1,200,000.00	$ 1,200,000.00
3	Maintenance of Traffic	LS	1	$50,000.00	$ 50,000.00
4	Traffic Control Officer	LS	1	$50,000.00	$ 50,000.00
5	Acoustical Panels with Posts	Linear Feet of Alignment	42771*	$ 600.00	$ 25,662,600.00
				TOTAL BASE BID	$ 27,632,600.00

***Quantities are based on maximum estimates for this project.**

(Instructions: The spaces provided in the Unit Price and Total Price Column(s) for the Bid Line Item(s) must be filled in and no spaces left blank. The sum of the Bid Line Items must represent your Base Bid Total. Failure to submit a complete and accurate Bid Form may result in your bid found non-responsive.)

A TEN PERCENT (10%) CONTINGENCY ALLOWANCE AND OTHER DEDICATED ALLOWANCES AS REQUIRED WILL BE ADDED TO THE BASE BID TOTAL AS STIPULATED IN THE CONTRACT DOCUMENTS.

"Pursuant to the general terms and conditions of the solicitation document, local preference is applicable to this solicitation. However, please be advised that the reciprocity agreement with Broward County expired September 30, 2017. Accordingly, local preference will only be afforded to a firm that meets the requirements for Miami-Dade County in any solicitation with a due date after September 30, 2017."

LOCAL PREFERENCE CERTIFICATION: For the purpose of this certification, a "local business" is a business located within the limits of Miami-Dade County (or Broward County in accordance with the Interlocal Agreement between the two counties) that conforms with the provisions of Section 1.10 of the General Terms and Conditions of this solicitation and contributes to the economic development of the community in a verifiable and measurable way. This may include, but not be limited to, the retention and expansion of employment opportunities and the support and increase to the County's tax base.

☒ **Place a check mark here only if affirming bidder meets requirements for Local Preference. Failure to complete this certification at this time (by checking the box above) may render the vendor ineligible for Local Preference.**

LOCALLY-HEADQUARTERED BUSINESS CERTIFICATION: For the purpose of this certification, a "locally-headquartered business" is a Local business whose "principal place of business" is in Miami-Dade County as defined in Section 1.10 of the General Terms and Conditions of this solicitation.

☒ **Place a check mark here only if affirming bidder meets requirements for the Locally-Headquartered Preference (LHP). Failure to complete this certification at this time (by checking the box above) may render the vendor ineligible for the LHP. The address of the locally-headquartered office is** 13901 NW 118 AVENUE, MIAMI, FL 33178

LOCAL CERTIFIED WARTIME VETERAN BUSINESS ENTERPRISE CERTIFICATION: A Local Certified Service-Wartime Veteran Business Enterprise is a firm that is (a) a local business pursuant to Section 2-8.5 of the Code of Miami-Dade County and (b) prior to bid submission is certified by the State of Florida Department of Management Services as a service-wartime veteran business enterprise pursuant to Section 295.187 of the Florida Statutes.

☐ **Place a check mark here only if affirming bidder is a Local Certified Service-Wartime Veteran Business Enterprise. A copy of the certification must be submitted with this proposal.**

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LICENSE NO. CGC1519544 BIDDER'S NAME Halley Engineering Contractors, Inc.

BIDDER'S TELEPHONE NUMBER (305) 883-0055 BIDDER'S ADDRESS 13901 NW 118th Ave. Miami, FL 33178

BIDDER'S FEIN NUMBER 20-4804098 BIDDER'S SIGNATURE , Daniel I. Halley, President

THE BIDDER UNDERSTANDS AND AGREES THAT THE BASE BID TOTAL AND ALL APPLICABLE ALLOWANCES ARE INCLUSIVE OF ALL WORK NECESSARY TO COMPLETE THE SCOPE OF WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS, AND IF THIS PROPOSAL IS ACCEPTED, THE BIDDER AGREES TO ENTER INTO AND EXECUTE THE CONTRACT WITH THE NECESSARY BOND AND ACCEPT THE ABOVE BASE BID, INCLUSIVE OF ALL ALLOWANCES, AS FULL COMPENSATION FOR THE WORK PERFORMED UNDER THIS CONTRACT.

EXHIBIT 3

HALLEY ENGINEERING CONTRACTORS, INC.

July 6, 2020

Department of Transportation & Public Works
Miami-Dade County
Attn: Ms. Leticia Smith, Chief, Contract Services Division
701 NW 1st Court, Suite 1500
Miami, FL 33136-3912

(VIA EMAIL: leticia.smith@miamidade.gov; clerk.board@miamidade.gov)

Project Number:	CIP168
Project Name:	Metrorail Acoustical Barrier Replacement Phase 3 (Part 1 of 2)
FCSC:	8.12
Contract Number:	CIP168-DTPW19-CT1

RE: BID COMMITMENT LETTER

Dear Ms. Smith,

Halley Engineering Contractors, Inc. ("HEC") will provide the scope of services as outlined in the bid documents (inclusive of Addenda) for the above referenced Project for the price provided in HEC's bid proposal submitted on June 25, 2020.

Should the County need any additional information or clarification, please do not hesitate to contact me at dhalley@halleyeng.com .

Respectfully Submitted,

Daniel Halley, P.E.
President
Halley Engineering Contractors, Inc.

ATKINS
Member of the SNC-Lavalin Group

Atkins
3250 West Commercial Boulevard
Suite 120
Ft. Lauderdale, FL 33309
Tel: +1 954 733 7233
Fax: +1 954 733 1101
Direct: +1 954 903 3611

atkinsglobal.com
snclavalin.com

Contract Number: : CIP168-DTPW19-CT1

German A. Arenes, PE
Chief of Construction, Structural Inspection and Analysis
Miami-Dade Department of Transportation and Public Works
Engineering, Planning and Development
Overtown Transit Village
701 NW 1st Court
Miami, FL 33136

06 July 2020

Letter of Buildability
Metrorail Acoustical Barrier Replacement, Phase 3 (Part 1 of 2)

Dear German

Atkins North America, Inc. (Atkins) has reviewed the bid tabulation provided by Miami-Dade Department of Transportation and Public Works for the above-mentioned contract. Variances between our Construction Estimate and the bid tabulation for all bidders can be attributed to Contractor means and methods. It is our assessment that the lowest conforming bidder, Halley Engineering Contractors, Inc., has provided a reasonable and competitive bid based on current market conditions. Atkins agrees with the recommendation to award.

Regards

Glenn F. Myers

CONSTRUCTION CONTRACT

STATE OF Florida) ss.:

COUNTY OF Miami Dade)

THIS AGREEMENT made and entered into as of the _____ day of _____, 20 24 by and between Miami-Dade County and Halley Engineering Contractors, Inc. hereinafter called the Contractor:

WITNESSETH, that the said Contractor for and in consideration of the payments hereinafter specified and agreed to be made by Miami-Dade County, hereby covenants and agrees to furnish and deliver all the materials required, to do and perform all the work and labor required to complete CONTRACT NO. CIP168-DTPW19-CT1 entitled, Metrorail Acoustical Barrier Replacement Phase 3 (Part 1 of 2), within the time specified, in strict and entire conformity with the Contract Documents hereinafter listed, which are hereby incorporated into this Contract by reference:

Contract Documents:

1. Conformed Contract Specifications and Drawings
2. Construction Safety Manual
3. Department of Transportation and Public Works Adjacent Construction Safety Manual

The Contractor agrees to make payment of all proper charges for labor and materials required in the aforementioned work, and to defend, indemnify and save harmless Miami-Dade County and all its officers and agents against and from all suits and costs of every kind and description, and from all damages to which the said Miami-Dade County or any of its officers and agents may be put, by reason of injury or death to persons or injury to property of others resulting from the performance of said work, or through the negligence of the Contractor, or through any improper or defective machinery, implements or appliances used by the Contractor in the aforesaid work, or through any act or omission on the part of the Contractor, or his agent or agents, employees or servants.

The Contractor agrees that the requirements of this contract are reasonable and achievable.

The Contractor further agrees that the Rates of Wages for all laborers, mechanics and apprentices employed by the Contractor or any Subcontractor shall be not less than the prevailing rate of wages for similar skills or classifications, all in accordance with Section 215.19, Florida Statutes, which said Section is hereby incorporated into this Contract by reference, or in accordance with the decision of the Secretary of Labor of the United States Department of Labor, as applicable and all provisions thereof shall be strictly complied with by the Contractor and his Subcontractors.

In consideration of the premises, Miami-Dade County hereby agrees to pay to the Contractor for said work, when fully completed, the total sum of $30,525,860.00 (inclusive of base for $27,632,600.00, 10.00% Contingency Allowance Account for $2,763,260.00 and a Dedicated Allowance Account for Structural Damage Repairs for $130,000.00), being the amount obtained from either the aggregate lump sum prices, the application of unit prices to the quantities shown in the Bid Form or the combination of both.

The total sum is subject to such additions and deductions as may be provided for in the Contract Documents.

Payments on account will be made as provided for in the Contract Documents.

In Witness whereof, the parties hereto have caused this Contract to be executed by their appropriate officials, as of the date first above written.

(OFFICIAL SEAL)

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY COMMISSIONERS

ATTEST:

HARVEY RUVIN, CLERK

By:_____
Deputy Clerk

By:_____
Mayor

Approved For Sufficiency of Execution Only:

By: _____
Assistant County Attorney

When Contractor is a corporation:

(CORPORATE SEAL)

Halley Engineering Contractors, Inc.

(printed name of corporation)

Florida

(printed state of incorporation)

By: _____

(signature of president or vice-president & capacity)

By: Daniel Halley, P.E. President

(printed name of president or vice-president & capacity)

By: _____

(signature of secretary or assistant secretary & capacity)

Susana Herrera,

(printed name of secretary or assistant secretary & capacity)

13901 NW 118th Avenue

Miami, Florida 33178

(business address of corporation)

ACKNOWLEDGMENT:

STATE OF Florida) ss.:

COUNTY OF Miami-Dade)

CONTRACT No.: CIP168-DTPW19-CT1

Before me personally appeared Daniel Halley, P.E., as President, to me well known or has presented _____ as

(Type of Identification)

identification and Susana Herrera, as Secretary, to me well known or has presented _____ a

(Type of Identification)

identification and known to me to be the individuals described in and who executed the foregoing instrument as X President and X Secretary of the above named Halley Engineering Contractors, Inc. a Corporation, and severally acknowledged that they executed such instrument as President and _____ Secretary, respectively, of said corporation, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that it was affixed to said instrument by due and regular corporate authority, and said instrument is the free act and deed of said corporation.

SUBSCRIBED AND SWORN TO (or affirmed) before me on 07/06/2020

(Date)

by Daniel Halley, P. E. / Susana Herrera. He / She is personally known to me

(Affiant) (respectively)

or has presented _____ as identification.

(Type of Identification)

Ileana Aztiazarain _____

(Signature of Notary) (Serial Number)

Ileana Aztiazarain 02/11/2021

(Print or Stamp Name of Notary) (Expiration Date)

Notary Public Florida

(State)

Notary Seal:

Notary Public State of Florida
Ileana Aztiazarain
My Commission GG 042727
Expires 02/11/2021

EXHIBIT 6

ESTIMATED BUDGET

TOTAL ESTIMATED CONSTRUCTION BUDGET: $74,825,990.00

PHASE 3 (PART 1 OF 2) ESTIMATED BUDGET BREAKDOWN: $35,000,000.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	General Conditions	LS	1	$2,198,418	$2,198,418
2	Mobilization	LS	1	$2,000,000	$2,000,000
3	Maintenance of Traffic	LS	1	$272,024	$272,024
4	Traffic Control Officer	LS	1	$27,202	$27,202
5	Acoustical Panels with Posts	LF	42,771	$636	$27,202,356
	TOTAL BASE BID				$31,700,000
01010.01	Allowance Account for Unforseen Changes - 10% of Base Bid	LS	1	$3,170,000	$3,170,000
01010.02	Dedicated Allowance for Potential Structural Damage Repairs	LS	1	$130,000	$130,000
BID TOTAL INCLUDING (Base Bid total, plus Allowance Account for Unforeseen Changes, plus Dedicated Allowance for Potential Structural Damage Repairs):					$35,000,000

PHASE 3 (PART 2 OF 2) ESTIMATED BUDGET: $39,825,990.00

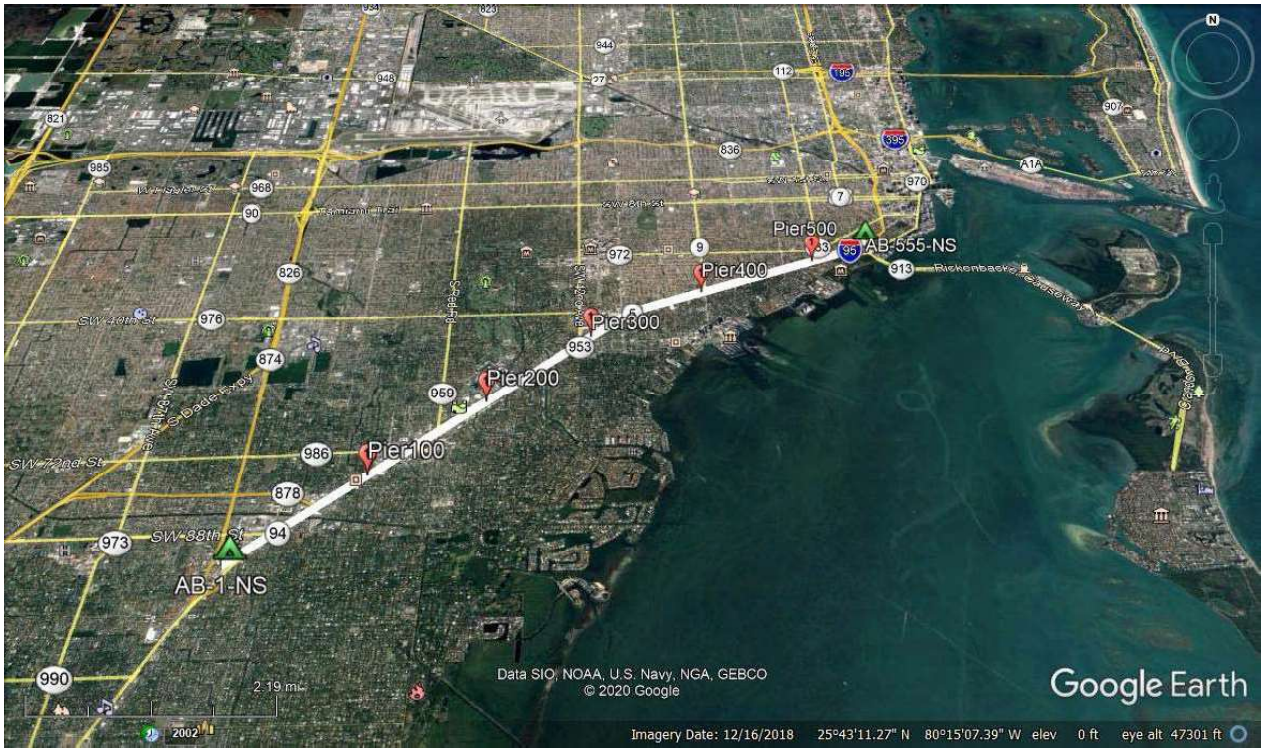
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	General Conditions	LS	1	$2,551,382	$2,551,382
2	Mobilization	LS	1	$968,625	$968,625
3	Maintenance of Traffic	LS	1	$322,129	$322,129
4	Traffic Control Officer	LS	1	$32,213	$32,213
5	Acoustical Panels with Posts	LF	50,729	$635	$32,212,915
	TOTAL BASE BID				$36,087,264
01010.01	Allowance Account for Unforseen Changes - 10% of Base Bid	LS	1	$3,608,726	$3,608,726
01010.02	Dedicated Allowance for Potential Structural Damage Repairs	LS	1	$130,000	$130,000
BID TOTAL INCLUDING (Base Bid total, plus Allowance Account for Unforeseen Changes, plus Dedicated Allowance for Potential Structural Damage Repairs):					$39,825,990

METRORAIL ELEVATED GUIDEWAY SEPARATED BY DESIGNATED BRIDGES

Metrorail Bridge 1

(Approximate length: 8.5 miles)

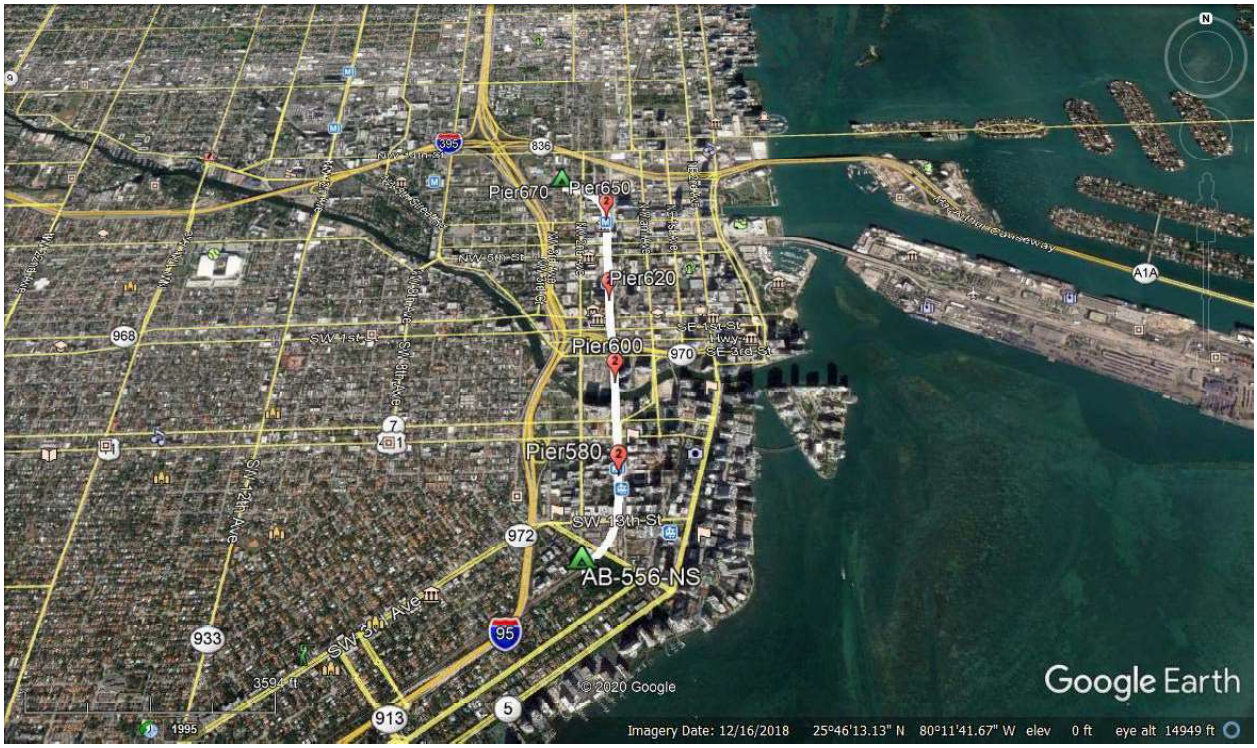
Parallel to US-1 from Dadeland South to the I-95 crossing



Metrorail Bridge 2

(Approximate length: 1.90 miles)

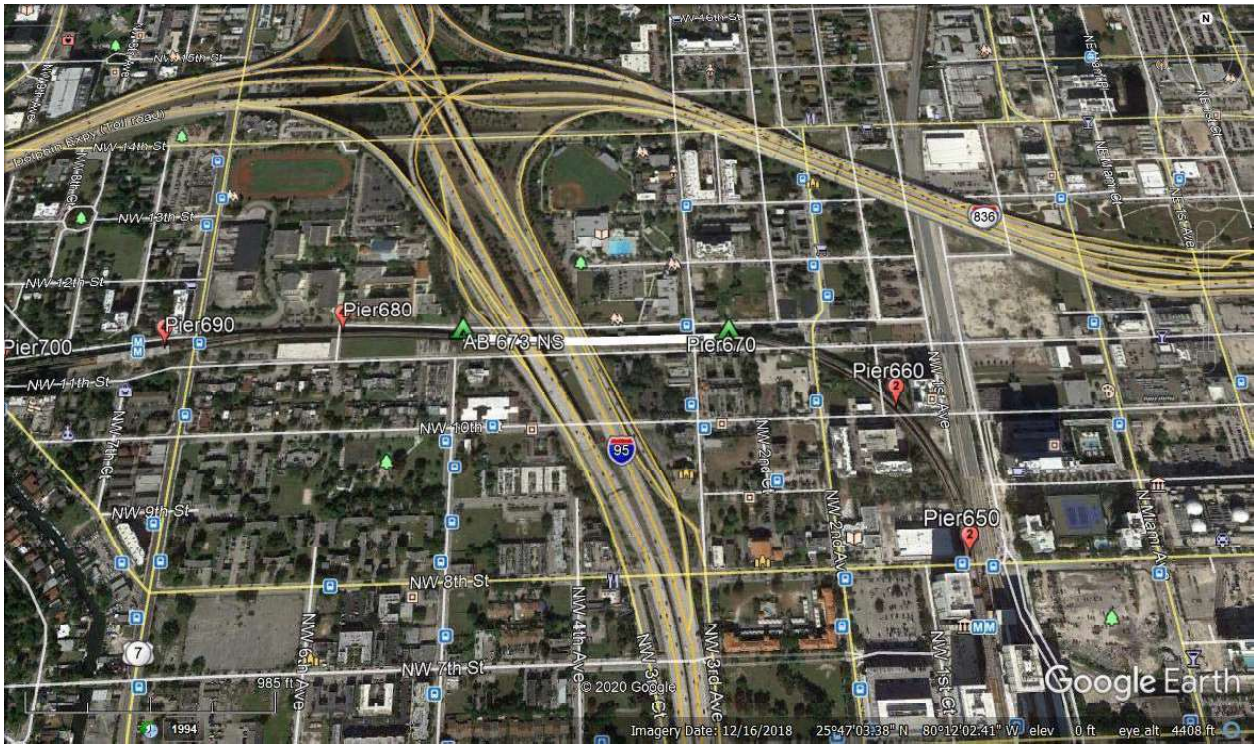
From the I-95 underpass south of Brickell to Overtown area



Metrorail Bridge 3

(Approximate length: 0.2 miles)

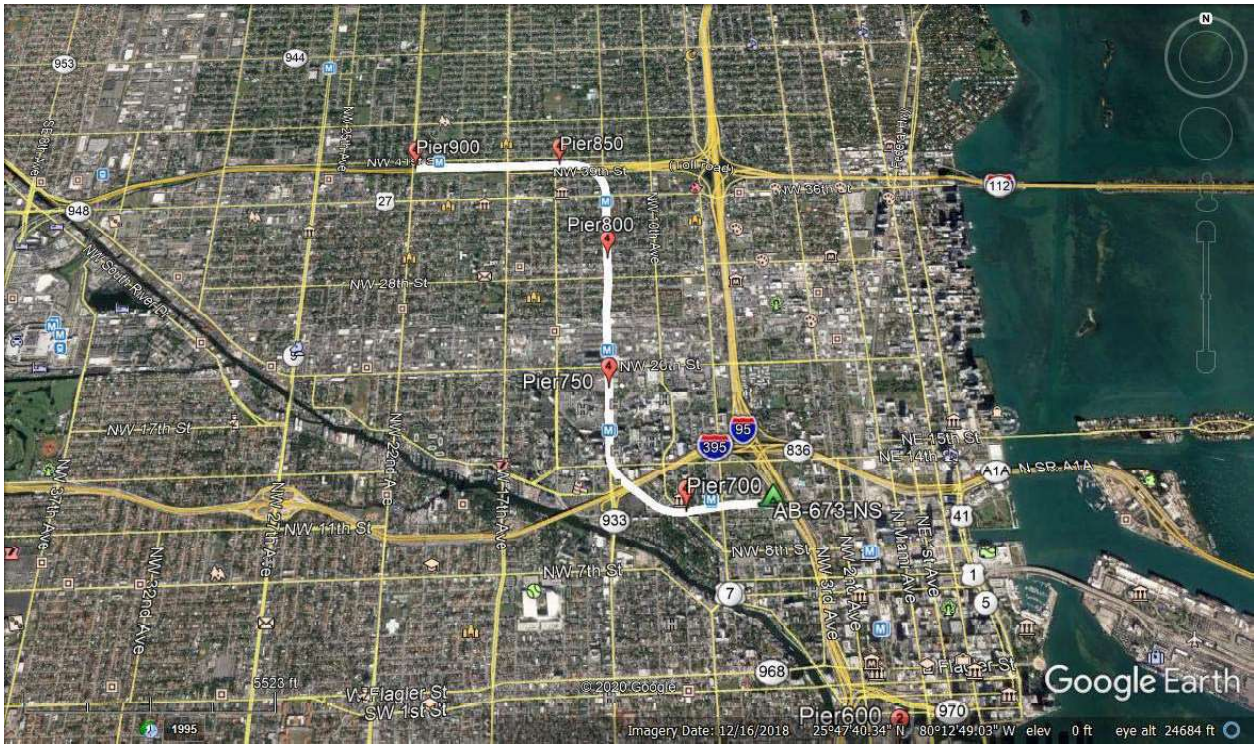
Elevated and ballasted area at Overtown, under the I-95 overpass



Metrorail Bridge 4

(Approximate length: 3.50 miles)

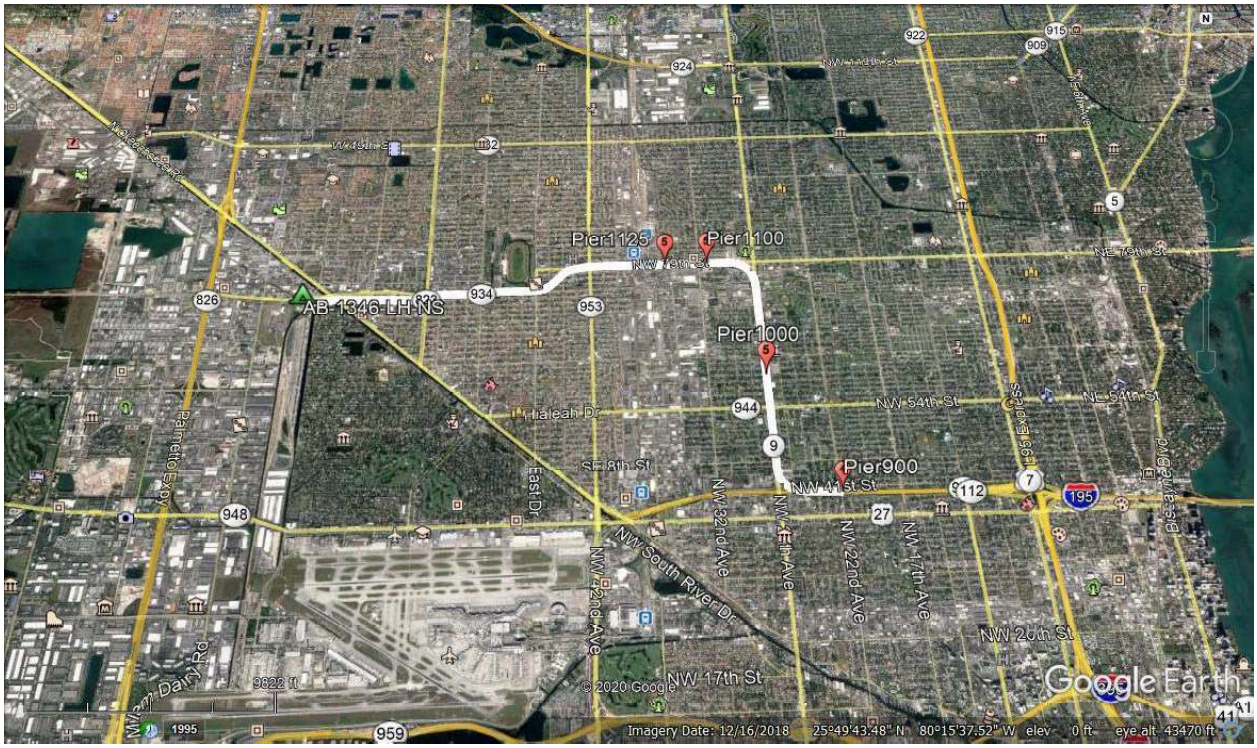
From the Culmer area to the Earlington Heights area



Metrorail Bridge 5

(Approximate length: 6.30 miles)

From Earlington Heights area to west of the Okeechobee Station



SPECIFIC ACOUSTICAL BARRIER INSTALLATION LOCATION FOR PHASE 3 (PART 1 OF 2) AND PHASE 3 (PART 2 OF 2)

Due to budget constraints, this need has been divided into two projects; Phase 3 Part 1 of 2 and Phase 3 Part 2 of 2. DTPW used criteria to **prioritize replacement of the acoustical barriers in areas where residential properties are within 150 feet from the guideway and including areas adjacent to major hospitals.**

The following is a specific list of all span locations where new acoustical barriers will be installed during Phase 3 parts 1 and 2.

Miami-Dade County Department of Transportation and Public Works
Acoustical Barrier Replacement
Location and Quantities - Phase 3 - Part 1 of 2

Bridge 1							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
S 1857 OB	AB-555-S	185+70.99	S 2068 OB	528-S	206+80.51	2109.52	B
S 2116 OB	522-S	211+56.94	S 2124 OB	521-S	212+36.94	80.00	B
S 2124 OB	521-S	212+36.94	S 2132 OB	520-S	213+16.94	80.00	D
S 2180 OB	514-S	217+96.94	S 2188 OB	513-S	218+76.94	80.00	D
S 2180 IB	514-N	217+96.94	S 2188 IB	513-N	218+76.94	80.00	D
S 2188 OB	513-S	218+76.94	S 2397 OB	487-S	239+66.70	2089.76	B
S 2188 IB	513-N	218+76.94	S 2655 IB	456-N	265+47.90	4670.96	B
S 2767 OB	442-S	276+67.90	S 2940 OB	421-S	294+02.87	1734.97	B
S 3198 IB	389-N	319+79.89	S 3214 IB	374-N	331+94.46	1214.57	B
S 3415 IB	362-N	341+49.66	S 3447 IB	358-N	344+69.66	320.00	B
S 3287 OB	378-S	328+74.36	S 3319 OB	374-S	331+94.46	320.10	B
S 3359 OB	369-S	335+94.46	S 3577 OB	343-S	357+60.99	2166.53	B
					Sub-Total	14946.41	feet

Miami-Dade County Department of Transportation and Public Works
Acoustical Barrier Replacement
Location and Quantities - Phase 3 - Part 1 of 2

Bridge 2							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
N 448 IB	557-S	44+80.24	N 604 IB	576-S	60+44.66	1564.42	B
N 546 OB	569-N	54+58.45	N 604 OB	576-N	60+44.66	586.21	B
N 652 IB	582-S	65+24.66	N 660 IB	583-S	66+04.66	80.00	D
N 660 IB	583-S	66+04.66	N 776 IB	595-S	77+63.37	1158.71	A*
N 1329 OB	655-N	132+85.99	N 1357 OB	659-N	135+72.99	287.00	B
					Sub-Total	3676.34	feet

* Only location where height above ground to center of panel is greater than 40 feet. Provide lightning protection details at this location.

Bridge 3							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
					Sub-Total	0.00	feet

Bridge 4							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
N 1770 IB	697-S	176+95.00	N 1841 IB	705-S-2	184+14.65	719.65	B
N 1778 OB	698-N	177+75.00	N 1856 OB	707-N	185+57.92	782.92	B
N 1856 OB	707-N	185+57.92	N 1921 OB	714-NS	192+07.03	649.11	A
N 2426 IB	776-NS	242+60.99	N 2729 IB	816-S	272+90.97	3029.98	B
N 2446 OB	778-N	244+56.71	N 2729 OB	816-N	272+90.97	2834.26	B
N 2827 IB	828-S	282+67.10	N 2952 IB	842-S	295+24.73	1257.63	B
N 2826 OB	828-N	282+62.56	N 3299 OB	884-N	329+85.57	4723.01	B
N 3330 OB	888-N	333+03.15	N 3338 OB	889-N	333+83.15	80.00	D
N 3515 OB	910-N	351+47.61	N 3550* OB	914-N	354+97.61	350.00	B
* Bridge 5					Sub-Total	14426.56	feet

Miami-Dade County Department of Transportation and Public Works
Acoustical Barrier Replacement
Location and Quantities - Phase 3 - Part 1 of 2

Bridge 5							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
N 3873 IB	953-NS	387+26.67	N 3971 IB	965-NS	397+12.70	986.03	B
N 3971 IB	965-NS	397+12.70	N 3987 IB	967-NS	398+74.70	162.00	A
N 2873 OB	953-NS	387+26.67	N 3971 OB	965-NS	397+12.70	986.03	B
N 3971 OB	965-NS	397+12.70	N 3987 OB	967-NS	398+74.70	162.00	A
H 1084 IB	1064-S	108+40.62	H 1148 IB	1072-NS	114+80.72	640.10	B
H 1601 OB	1128-NS	160+05.21	H 1703 OB	1140-NS	170+36.50	1031.29	B
H 2021 IB	1178-NS	202+09.56	H 2252 IB	1206-S	225+20.07	2310.51	B
H 1942 OB	1169-NS	194+22.76	H 2002 OB	1176-NS	200+16.56	593.80	D
H 2002 OB	1176-NS	200+16.56	H 2211 OB	1201-N	221+11.82	2095.26	B
H 2579 IB	1246-S	257+92.57	H 2655 IB	1255-S	265+47.12	754.55	B
					Sub-Total	9721.57	feet
					Total Replacement Panels - Phase 3 (Part 1)	42771	feet

Miami-Dade County Department of Transportation and Public Works
Acoustical Barrier Replacement
Location and Quantities - Phase 3 - Part 2 of 2

Bridge 1							Girder
start			end			length (feet)	Connections
S 2655 IB	456-N	265+47.90	S 2844 IB	433-N	284+36.30	1888.40	B
S 2432 OB	483-S	243+20.94	S 2513 OB	474-S	251+33.44	812.50	B
S 2940 OB	421-S	294+02.87	S 3004 OB	413-S	300+37.89	635.02	B
S 2844 IB	433-N	284+36.30	S 2940 IB	421-N	294+02.87	966.57	D
S 2940 IB	421-N	294+02.87	S 3078 IB	404-N	307+81.49	1378.62	D
S 3004 OB	413-S	300+37.89	S 3044 OB	408-S	304+37.89	400.00	D
S 3141 IB	396-N	314+09.89	S 3198 IB	389-N	319+79.89	570.00	D
S 3214 IB	374-N	331+94.46	S 3351 IB	370-N	335+14.46	320.00	D
S 3351 IB	370-N	335+14.46	S 3415 IB	362-N	341+49.66	635.20	B
S 3447 IB	358-N	344+69.66	S 3471 IB	355-N	347+09.66	240.00	B
S 3471 IB	355-N	347+09.66	S 3596 IB	340-N	359+56.00	1246.34	D
S 3166 OB	392-S	316+59.89	S 3248 OB	383-S	324+77.85	817.96	D
S 3319 OB	374-S	331+94.46	S 3359 OB	369-S	335+94.46	400.00	B
S 3577 OB	343-S	357+60.99	S 3590 OB	341-S	359+02.73	141.74	B
S 3590 OB	341-S	359+02.73	S 3598 OB	340-S	359+81.40	78.67	D
S 3906 IB	302-N	390+51.11	S 4147 IB	272-N	414+65.00	2413.89	D
S 3897 IB	272-N	414+65.00	S 4195 IB	266-N	419+45.00	480.00	B
S 3992 OB	291-S	399+15.00	S 4067 OB	282-S	406+65.00	750.00	B
S 4123 OB	275-S	412+25.00	S 4195 OB	266-S	419+45.00	720.00	B
S 4298 IB	253-N	429+75.00	S 4552 IB	221-N	455+11.58	2536.58	B
S 4298 OB	253-S	429+75.00	S 4482 OB	230-S	448+20.00	1845.00	B
S 4482 OB	230-S	448+20.00	S 4655 OB	208-S	465+46.58	1726.58	B
S 4655 OB	208-S	465+46.58	S 4663 OB	207-S	466+26.58	80.00	D
S 4797 IB	190-N	479+66.87	S 4949 IB	171-N	494+86.58	1519.71	B
S 4981 OB	167-S	498+06.58	S 5021 OB	163-S	502+06.58	400.00	D
S 5021 OB	163-S	502+06.58	S 5067 OB	157-S	506+61.58	455.00	B
S 5328 IB	125-N	532+79.71	S 5538 IB	98-N	554+60.00	2180.29	D
S 5328 OB	125-S	532+80.00	S 5336 OB	124-S	533+60.00	80.00	D
S 5336 OB	124-S	533+60.00	S 5466 OB	108-S	546+60.00	1300.00	B
S 5506 OB	103-S	550+60.00	S 5546 OB	98-S	554+60.00	400.00	D
S 5637 IB	86-N	563+66.67	S 5719 IB	76-N	571+86.03	819.36	D
S 5703 OB	79-S	569+46.04	S 5753 OB	72-S	575+30.55	584.51	D
S 6184 OB	21-S	618+38.70	S 6211 OB	18-S	621+08.41	269.71	D
					Sub-Total	29091.65	feet

Miami-Dade County Department of Transportation and Public Works
Acoustical Barrier Replacement
Location and Quantities - Phase 3 - Part 2 of 2

Bridge 2							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
N 449 OB	557-N	44+87.50	N 546 OB	569-N	54+58.45	970.95	B
					Sub-Total	970.95	feet

Bridge 3							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
N 1466 IB	AB671-NS	146+60.75	N 1472 IB	AB672-NS	147+22.75	62.00	B
N 1466 OB	AB671-NS	146+60.75	N 1472 OB	AB672-NS	147+22.75	62.00	B
					Sub-Total	124.00	feet

Bridge 4							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
N 2426 OB	776-NS	242+60.99	N 2446 OB	778-N	244+56.71	195.72	D
N 3299 OB	884-N	329+85.57	N 3330 OB	888-N	333+03.15	317.58	B
N 3129 IB	863-NS	312+94.40	N 3203 IB	872-S	320+26.79	732.39	B
					Sub-Total	1245.69	feet

Miami-Dade County Department of Transportation and Public Works
Acoustical Barrier Replacement
Location and Quantities - Phase 3 - Part 2 of 2

Bridge 5							Girder
start			end			length (feet)	Connections
Pier Name	Pier #	Station	Pier Name	Pier #	Station	total	Type
N 3816 IB	946-NS	381+64.41	N 3873 IB	953-NS	387+26.67	562.26	B
N 3816 OB	946-NS	381+64.41	N 3873 OB	953-NS	387+26.67	562.26	D
N 4085 IB	980-NS	408+52.09	N 4140 IB	987-NS	414+04.59	552.50	D
N 4140 IB	987-NS	414+04.59	N 4307 IB	1007-NS	430+71.17	1666.58	B
N 4085 OB	980-NS	408+52.09	N 4140 OB	987-NS	414+04.59	552.50	B
N 4140 OB	987-NS	414+04.59	N 4173 OB	991-NS	417+31.27	326.68	D
N 4473 IB	1029-NS	447+29.81	N 4619 IB	1046-NS	461+93.20	1463.39	B
N 4408 OB	1021-NS	440+84.28	N 4416 OB	1022-NS	441+64.28	80.00	A
N 4416 OB	1022-NS	441+64.28	N 4569 OB	1040-NS	456+92.98	1528.70	B
H 1448 IB	1072-NS	114+80.72	H 1239 IB	1083-NS	123+92.82	912.10	B
H 1239 IB	1083-NS	123+92.82	H 1340 IB	1095-NS	134+02.35	1009.53	B
H 1340 IB	1095-NS	134+02.35	H 1355 IB	1097-NS	135+48.83	146.48	A
H 1418 IB	1106-NS	141+81.33	H 1601 IB	1128-NS	160+05.21	1823.88	B
H 1466 OB	1113-NS	136+60.44	H 1601 OB	1128-NS	160+05.21	2344.77	D
H 1601 IB	1128-NS	160+05.21	H 1134 IB	1134-NS	165+13.00	507.79	D
H 1801 IB	1152-NS	180+14.57	H 1942 IB	1169-NS	194+22.76	1408.19	B
H 1942 IB	1169-NS	194+22.76	H 2021 IB	1178-NS	202+09.56	786.80	B
H 1801 OB	1152-NS	180+14.57	H 1942 OB	1169-NS	194+22.76	1408.19	D
H 2211 OB	1201-N	221+11.82	H 2250 OB	1206-N	225+00.03	388.21	B
H 2522 IB	1240-S	252+17.46	H 2579 IB	1246-S	257+92.57	575.11	B
H 2655 IB	1255-S	265+47.12	H 2698 IB	1260-NS	269+84.02	436.90	D
					Sub-Total	19042.82	feet
					Total Replacement Panels - Phase 3 (Part 2)	50475	feet

MEMORANDUM
(Revised)

TO: Honorable Chairwoman Audrey M. Edmonson and Members, Board of County Commissioners

DATE: October 6, 2020

FROM: Abigail Price-Williams County Attorney

SUBJECT: Agenda Item No. 8(N)(38)

Please note any items checked.

_____	**"3-Day Rule" for committees applicable if raised**
_____	**6 weeks required between first reading and public hearing**
_____	**4 weeks notification to municipal officials required prior to public hearing**
_____	**Decreases revenues or increases expenditures without balancing budget**
_____	**Budget required**
_____	**Statement of fiscal impact required**
_____	**Statement of social equity required**
_____	**Ordinance creating a new board requires detailed County Mayor's report for public hearing**
_____	**No committee review**
_____	**Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____) to approve**
✓	**Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(N)(38)
10-6-20

RESOLUTION NO. _____

RESOLUTION APPROVING AWARD OF CONSTRUCTION SERVICES FOR THE METRORAIL ACOUSTICAL BARRIER REPLACEMENT PHASE 3 (PART 1 OF 2) PROJECT, TO HALLEY ENGINEERING CONTRACTORS, INC. IN THE AMOUNT OF $30,525,860.00 (INCLUSIVE OF A CONTINGENCY ALLOWANCE ACCOUNT OF $2,763,260.00), FOR A TERM OF 550 DAYS; AUTHORIZING THE USE OF PEOPLE'S TRANSPORTATION PLAN BOND PROGRAM FUNDS FOR THIS PROJECT WHICH WAS ADDED TO THE FIVE-YEAR IMPLEMENTATION PLAN ON MARCH 6, 2018; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAME AND TO EXERCISE THE RIGHTS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board:

Section 1. Approves the Award of a Construction Services for the Metrorail Acoustical Barrier Replacement Phase 3 (Part 1 of 2) project to Halley Engineering Contractors, Inc. in the amount of $30,525,860.00 (inclusive of a contingency allowance account of $2,763,260.00), for a term of 550 days and authorizes the use of People's Transportation Plan Bond Program Funds for this Project, which was added to the Five-Year Implementation Plan on March 6, 2018.

Section 2. Authorizes the County Mayor or County Mayor's designee to execute the agreement for and on behalf of Miami-Dade County and to exercise all rights contained therein, including any termination and renewal provisions.

The foregoing resolution was offered by Commissioner , who moved its adoption. The motion was seconded by Commissioner and upon being put to a vote, the vote was as follows:

Audrey M. Edmonson, Chairwoman
Rebeca Sosa, Vice Chairwoman

Esteban L. Bovo, Jr.	Daniella Levine Cava
Jose "Pepe" Diaz	Sally A. Heyman
Eileen Higgins	Barbara J. Jordan
Joe A. Martinez	Jean Monestime
Dennis C. Moss	Sen. Javier D. Souto
Xavier L. Suarez	

The Chairperson thereupon declared the resolution duly passed and adopted this 6th day of October, 2020. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By:_____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Bruce Libhaber

Memorandum

To: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

From: Javier A. Betancourt, Executive Director

Date: September 24, 2020

Re: **CITT AGENDA ITEM 7F:**
RESOLUTION BY THE CITIZENS' INDEPENDENT TRANSPORTATION TRUST RECOMMENDING THE BOARD OF COUNTY COMMISSIONERS (BCC) APPROVE AWARD OF CONSTRUCTION SERVICES FOR THE METRORAIL ACOUSTICAL BARRIER REPLACEMENT PHASE 3 (PART 1 OF 2) PROJECT, TO HALLEY ENGINEERING CONTRACTORS, INC. IN THE AMOUNT OF **$30,525,860.00** (INCLUSIVE OF A CONTINGENCY ALLOWANCE ACCOUNT OF $2,763,260.00), FOR A TERM OF 550 DAYS; AUTHORIZE THE USE OF PEOPLE'S TRANSPORTATION PLAN BOND PROGRAM FUNDS FOR THIS PROJECT WHICH WAS ADDED TO THE FIVE-YEAR IMPLEMENTATION PLAN ON MARCH 6, 2018; AND AUTHORIZE THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAME AND TO EXERCISE THE RIGHTS CONTAINED THEREIN **(DTPW – BCC LEGISLATIVE FILE NO. 201665) SURTAX FUNDS REQUESTED**

On September 23, 2020, the CITT voted (10-0) to forward a favorable recommendation to the Board of County Commissioners (BCC) for the approval of the above referenced item, CITT Resolution No. 20-031. The vote was as follows:

Joseph Curbelo, Chairperson – Aye
Alfred J. Holzman, 1st Vice Chairperson – Aye
Oscar J. Braynon, 2nd Vice Chairperson – Aye

Glenn J. Downing, CFP® – Aye
Joe Jimenez – Aye
Jonathan Martinez – Aye
Marilyn Smith – Aye
Robert Wolfarth – Aye

Ashley V. Gantt, Esq. – Absent
Hon. Anna E. Lightfoot-Ward, Ph.D. – Absent
Paul Schwiep, Esq. – Aye
L. Elijah Stiers, Esq. – Aye

c: Jennifer Moon, Deputy Mayor
Bruce Libhaber, Assistant County Attorney