



Miami-Dade Board of County Commissioners  
Office of the Commission Auditor

**Transportation and Public Works Committee**

June 15, 2017  
9:30 AM  
Commission Chamber

Office of the Commission Auditor  
111 N.W. First Street, Suite 1030  
Miami, FL 33128  
(305) 375-2524



**Transportation and Public Works Committee**  
**June 15, 2017 Meeting**  
**Research Notes**

Item No.	Research Notes
<b>2A</b> <b>171400</b>	RESOLUTION WAIVING BY A TWO-THIRDS VOTE OF THE MEMBERS PRESENT THE TERM LIMIT RESTRICTION FOR COUNTY BOARD MEMBERS AS SPECIFIED IN SECTION 2-11.38.2 OF THE CODE OF MIAMI-DADE COUNTY AND RETROACTIVELY APPROVING THE REAPPOINTMENT OF MARILYN SMITH TO THE CITIZENS' INDEPENDENT TRANSPORTATION TRUST.
<b>Notes</b>	<p>The proposed resolution waives, by a two-thirds vote of the members present, the term limit restriction for County Board members as specified in section 2-11.38.2 of the Code of Miami-Dade County (County Code) and retroactively approves the reappointment of Marilyn Smith to the Citizens' Independent Transportation Trust (CITT) for another term of four years.</p> <p><b><u>Background</u></b>  Marilyn Smith has served on the CITT with distinction. Marylyn Smith second term on the CITT began on July 30, 2011, following her reappointment in accordance with section 2-1421 of the County Code. She has continuously served as an active member of the CITT and has reached her term limit.</p> <p>Section 2-11.38.2 of the County Code authorizes a waiver of the eight-year term limit for members of County Boards by a two-thirds vote of the BCC members present.</p>
<b>2B</b> <b>171402</b>	RESOLUTION WAIVING BY A TWO-THIRDS VOTE OF THE MEMBERS PRESENT THE TERM LIMIT RESTRICTION FOR COUNTY BOARD MEMBERS AS SPECIFIED IN SECTION 2-11.38.2 OF THE CODE OF MIAMI-DADE COUNTY AND RETROACTIVELY APPROVING THE REAPPOINTMENT OF PETER FORREST TO THE CITIZENS' INDEPENDENT TRANSPORTATION TRUST.
<b>Notes</b>	<p>The proposed resolution waives, by a two-thirds vote of the members present, the term limit restriction for County Board members as specified in Section 2-11.3 8.2 of the County Code and retroactively approves the reappointment of Peter Forrest to the Citizens' Independent Transportation Trust (CITT) for an additional term of four years.</p> <p><b><u>Background</u></b>  Peter Forrest has served on the CITT with distinction. His second term on the CITT began on March 4, 2011, following his reappointment in accordance with section 2-1421 of the County Code. Peter Forrest has continuously served as an active member of the CITT and has reached his term limit.</p> <p>Section 2-11.3 8.2 of the County Code authorizes a waiver of the eight-year term limit for members of County Boards by a two-thirds vote of the BCC members present.</p>
<b>2C</b> <b>171452</b>	RESOLUTION DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO ANALYZE THE POTENTIAL BENEFITS OF ALLOWING SCHOOL BUSES OPERATED BY THE MIAMI-DADE COUNTY PUBLIC SCHOOLS DEPARTMENT OF TRANSPORTATION TO USE THE SOUTH DADE TRANSITWAY WHILE ENGAGED IN THE TRANSPORTATION OF CHILDREN TO AND FROM SCHOOL OR SCHOOL-RELATED EVENTS, AND TO PROVIDE A REPORT TO THE BOARD WITHIN SPECIFIED TIME PERIOD.



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<b>Notes</b>	<p>The proposed resolution directs the Mayor or designee to analyze the potential benefits of allowing school buses operated by the Miami-Dade County Public Schools (MDCPS) Department of Transportation to use the South Dade Transitway while engaged in the transportation of children to and from school or school-related events. The Mayor or designee is to provide a report to the BCC within 120 days of the effective date of this resolution and place the completed report on an agenda of the BCC pursuant to Ordinance No. 14-65.</p> <p>The analysis should include, but should not be limited to:</p> <ul style="list-style-type: none"><li>• Identifying the number of daily school bus trips on average that could potentially benefit from having access to the South Dade Transitway;</li><li>• Assessing any potential benefits and challenges to the operation of the busway as an integrated facility that allows school bus use; and</li><li>• Assessing whether allowing school buses on the South Dade Transitway would result in a reduction of traffic congestion.</li></ul> <p>The analysis should also be completed in consultation with MDCPS and applicable federal and state agencies.</p> <p><b><u>Background</u></b></p> <p>The South Dade Transitway is a dedicated lane for transit service from Dadeland South Metrorail Station to S.W. 344th Street.</p> <p>Southern Miami-Dade County experiences high traffic congestion, particularly during peak traffic hours. The peak traffic hours, predominantly in the morning hours, overlap with school hours.</p> <p>Allowing school buses to operate on the South Dade Transitway may reduce traffic congestion in the areas generally surrounding the South Dade Transitway and could also result in greater mobility for those vehicles that transport children to and from school and school-related events.</p>
<b>3A 171112</b>	<p>RESOLUTION AUTHORIZING THE ACCEPTANCE OF A QUIT CLAIM DEED FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) CONVEYING TO THE COUNTY FDOT'S INTEREST IN A 782,581 SQUARE FOOT PARCEL OF LAND WITH IMPROVEMENTS, LOCATED AT 15801 NW 7 AVENUE, UNINCORPORATED MIAMI-DADE COUNTY, (FOLIO NO. 30-2114-000-0120) REQUIRED TO CLEAR A LONGSTANDING TITLE ISSUE; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO TAKE ALL ACTIONS NECESSARY TO ACCOMPLISH THE ACCEPTANCE OF THE PROPERTY.</p>
<b>Notes</b>	<p>The proposed resolution authorizes the acceptance of a Quilt Claim Deed from FDOT conveying interest in a 782,581 square foot parcel of land with improvements to the County, located at 15801 NW 7 Avenue, unincorporated Miami-Dade County, Florida (Folio No.30-2114-000-0120). It further authorizes the Mayor or designee to take all actions necessary to accomplish the acceptance of the property.</p> <p>.</p>



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	<p><b><u>Fiscal Impact/Funding Source</u></b></p> <p>The land is being conveyed to the County for a nominal consideration of \$10. There are no other costs associated with this conveyance.</p> <p><b><u>Background</u></b></p> <p>This property was acquired by the County in 1949 via eminent domain and was partially excavated for fill material to build State Road 9 (NW 7 Avenue). Title to the property was recorded in the name of the County. However, documentation in the County's records indicates that FDOT maintained an ownership interest in the property since State Gas Tax Funds were used to acquire the property. In 1974, the County built the North Dade Detention and Treatment Center on the portion of the property that had not been excavated. Although title to the property remained in the name of the County, the County entered into a lease agreement with FDOT that allowed the County to build and operate the detention center. The term of the lease was for a period of 30 years with one 30-year renewal option for a total of 60 years.</p> <p>The detention center is no longer in operation; however, the Department of Corrections and Rehabilitation is in the process of evaluating potential uses for the property. Additionally, the facility requires major repairs in order to comply with 40-year recertification requirements. The cost to make these repairs is estimated at \$1.8 million. Rather than continue leasing the property; the County requested FDOT to quit claim its interest in the property in order to clear this longstanding title issue.</p>
<b>3B 170845</b>	RESOLUTION WAIVING FORMAL BID PROCEDURES PURSUANT TO SECTION 5.03(D) OF THE HOME RULE CHARTER AND SECTION 2-8.1(B)(1) OF THE CODE OF MIAMI-DADE COUNTY AND AWARDED CONTRACT TO ECONOLITE CONTROL PRODUCTS, INC., CONTRACT NO. BW9872-1/20, IN A TOTAL AMOUNT UP TO \$11,852,000.00 FOR THE INITIAL TWO-YEAR TERM PLUS ONE, ONE-YEAR OPTION-TO-RENEW, TO PURCHASE TRAFFIC SIGNAL SYSTEM MODERNIZATION SERVICES FOR THE DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS BY A TWO-THIRDS VOTE OF THE BOARD MEMBERS PRESENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAME AND TO EXERCISE ALL PROVISIONS OF THE CONTRACT, INCLUDING ANY CANCELLATION, RENEWAL AND EXTENSION PROVISIONS, PURSUANT TO SECTION 2-8.1 OF THE COUNTY CODE AND IMPLEMENTING ORDER 3-38
<b>Notes</b>	<p>The proposed resolution waives competitive bidding procedures for the purchase of goods and services pursuant to Section 2-8.1 of the County Code and Section 5.03(0) of the Home Rule Charter to approve award of <i>Contract No. BW9872-1/20, Traffic Signal System Modernization</i>, to Econolite Control Products, Inc. (Econolite) for the Department of Transportation and Public Works (DTPW). The contract will be for initial two-year term plus one, one-year option-to-renew for a total amount up to \$11,852,000 to purchase traffic signal system modernization service.</p> <p>The proposed resolution further authorizing the Mayor or designee to execute same and to exercise all provisions of the contract, including any cancellation, renewal and extension provisions, pursuant to section 2-8.1 of the County Code and Implementing Order 3-38.</p>



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	<p>Under the contract, Econolite will provide adaptive signal traffic controllers, as well as the supporting hardware, software, and associated services required to expand the County's traffic mobility management program. Adaptive signal traffic controllers are necessary for managing road conditions, improving traffic flow and travel time, helping to reduce congestion.</p> <p><b><u>Fiscal Impact/Funding Source</u></b></p> <p>The fiscal impact for the two-year term is \$11,852,000. There will be no increase to the fiscal impact should the County choose to exercise, at its sole discretion, the one, one-year option to renew term as this is a fixed-priced contract with no cost implications for the option term.</p> <p><b><u>Background</u></b></p> <p>In June 2016, the County contracted with Econolite for the deployment of traffic controllers with adaptive functionality along Northwest 36 Street, from 7100 block to Northwest 82 Avenue, resulting in a ten percent reduction in travel time along that corridor. This purchase expands that project to ten additional corridors which were selected based on the Metropolitan Planning Organization's Arterial Study. The Department of Transportation and Public Works has enlisted an independent engineer to develop specifications for a competitive large-scale solicitation for the remaining corridors, allowing for a transition to a more diverse system.</p> <p>Out of the only vendors that have a 2070LX Traffic Controller that meets the County's operational requirements and is approved and included in the FDOT Approved Products List (APL), Econolite is the only vendor that provides the Transit Signal Priority (TSP) functionality with estimated time of arrival and Center-To-Center connections in its traffic signal system solution, which is required by the County. TSP will improve service and reduce delay for mass transit vehicles at intersections controlled by traffic signals.</p>
<b>3C 171309</b>	<b>RESOLUTION GRANTING PETITION TO CLOSE NW 7 COURT, FROM NW 97 STREET TO NW 98 STREET (ROAD CLOSING PETITION NO. P-928)</b>
	<p>The proposed resolution grants petition to close the road NW 7 Court, from NW 97 Street to NW 98 Street. The County Departments of Regulatory and Economic Resources (RER), Transportation and Public Works (DTPW), Water and Sewer (WASD), and Fire Rescue have no objection to this right-of-way being closed.</p> <p><b><u>Fiscal Impact/Funding Source</u></b></p> <p>The Property Appraiser's Office has assessed the adjacent properties to this right-of-way at \$3.47 per square foot. Therefore, the estimated value of this right-of-way would be approximately \$29,148. If this right-of-way is closed and vacated, the land will be placed on the tax roll, generating an estimated \$522 per year in additional property taxes. The fee for this road closing is \$4,874.80.</p> <p><b><u>Background</u></b></p> <p>The property owners abutting the subject right-of-way, wish to close NW 7 Court, from NW 97 Street to NW 98 Street, in order to incorporate the land into their property and protect it against illegal activities. The right-of-way petitioned to be closed has never been improved nor maintained by the County.</p>



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	<p>The subject right-of-way was dedicated in 1920, by the plat of <i>Pinewood Park</i>, recorded in Plat Book 6, Page 42, of the County's Public Records. The right-of-way and surrounding properties are zoned RU-3B (Bungalow Court District).</p>
<b>3D 171367</b>	<p>RESOLUTION ACCEPTING AN IMPLIED OFFER OF DEDICATION FOR A PORTION OF SW 216 STREET BETWEEN US-1 (STATE ROAD 5) AND APPROXIMATELY 170 FEET WEST OF SW 115 AVENUE, IN SECTION 7, TOWNSHIP 56 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA.</p>
	<p>The proposed resolution accepts an implied offer of dedication for a portion of SW 216 Street between US-1 (State Road5) and approximately 170 feet West of SW 115 Avenue in Section 7, Township 56 South, Range 40 East of the County, and authorizes the recordation thereof in the Public Records of the County.</p> <p><b><u>Fiscal Impact/Funding Source</u></b> There is no fiscal impact associated with this item.</p> <p><b><u>Background</u></b> On November 14, 1983, year Vearl Johnson, who owned a parcel of land situated in the SE1/4 of the SW1/4 of the SW1/4 of the SW 1/4 of Section 07, Township 56 South, Range 40 East in the County, conveyed a portion of her property to Lewis A. Canty and Ozella C. Canty, his wife, in a Warranty Deed recorded at OR Book 11970, Page 786, of the Public Records of the County. The said Warranty Deed expressed an implied offer to dedicate a parcel of land for road right-of-way, using the language "thence leaving the said South line N 0 44' 21" W 40 feet to a point on the zoned North right-of-way line of SW 216 Street," and which will be incorporated into the right-of-way of SW 216 Street.</p> <p>Successors in title to this property did not have an ownership interest in such property. There is no information in the public records that would withdraw, revoke, or impair the implied offer of dedication. In order to protect the public's road easement, the DTPW recommends the acceptance of such implied offer.</p>
<b>3E 171252</b>	<p>RESOLUTION APPROVING EXECUTION BY THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE OF A COVENANT FOR MAINTENANCE OF ROADWAY AND LANDSCAPING IMPROVEMENTS WITHIN THE PUBLIC RIGHTS-OF-WAY BETWEEN MIAMI-DADE COUNTY AND THE CITY OF SOUTH MIAMI ALONG SW 57 AVENUE FROM SW 74 STREET TO SW 72 STREET; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE SAID AGREEMENT AND TO TAKE ALL ACTIONS NECESSARY TO EFFECTUATE SAME; DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO RECORD THE COVENANT FOR MAINTENANCE OF ROADWAY AND LANDSCAPING IMPROVEMENTS AND TO PROVIDE A COPY OF SUCH RECORDED DOCUMENT TO THE CLERK OF THE BOARD WITHIN 30 DAYS OF EXECUTION.</p>



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	<p>The proposed resolution authorizes the execution of a Covenant for Maintenance of Roadway and Landscaping Improvements within the Public Rights-of-Way between the County and the City of South Miami (City). The resolution further authorizes the Mayor or designee to execute said agreement and to take all actions necessary to effectuate same; and directs the Mayor or designee to record the covenant and to provide a copy of such recorded document to the Clerk of the BCC within 30 days of execution. The covenant provides for the maintenance and preservation of roadway and landscaping improvements by the City in sidewalks, medians, and raised bulb outs along the County maintained roadway of SW 57 Avenue from SW 74 Street to SW 72 Street (Project).</p> <p><b><u>Fiscal Impact/Funding Source</u></b></p> <p>The County will be installing the roadway and landscaping improvements through roadway construction project 20160143. The County will save the costs associated with the City's maintenance and preservation of the roadway and landscaping improvements. The County shall be only responsible for replacing damaged trees for reasons other than maintenance, such as, without limitations, natural disasters, storm events, and traffic accidents.</p> <p><b><u>Background</u></b></p> <p>The County is fully funding the Project, and the City has requested that the Project include the installation of enhanced pedestrian, roadway, and landscaping elements within the Project's limits. The County agreed to include the enhanced features provided that the City assumes responsibility to maintain and preserve these improvements in perpetuity.</p> <p>This Covenant obligates the City to maintain, repair and/or replace, as necessary, the stamped concrete crosswalks, colored concrete sidewalks, raised medians with curb and gutter, ground cover, and macule palms in said medians, and landscaped raised bulb outs with curb. In the event that the City does not comply with these requirements, The County will give to the City a 60-calendar day written notice for the City to make corrections. Failure to address any deficiencies will result in the County making the necessary corrections with the City invoiced for the County's costs.</p>
<p><b>3F 171242</b></p>	<p>RESOLUTION APPROVING THE USE OF CHARTER COUNTY TRANSPORTATION SURTAX FUNDS FOR MISCELLANEOUS CONSTRUCTION CONTRACT (MCC) 7040 PLAN - RPQ NO.: 327079 FOR TRAFFIC MANAGEMENT CENTER PHASE I RECONFIGURATION PROJECT TO R &amp; D ELECTRIC, INC. IN THE AMOUNT OF \$578,197.40.</p>
<p><b>Notes</b></p>	<p>The proposed resolution approves of the use of Charter County Transportation Surtax Funds for <i>MCC 7040 Plan - RPQ Number: 327079 for Traffic Management Center Phase I Reconfiguration Project</i> to R &amp; D Electric, Inc. in the amount of \$578,197.40 for the installation of two video walls in its recently remodeled Traffic Management Center for real-time monitoring of field traffic conditions of major arterials throughout the County.</p> <p><b><u>Fiscal Impact</u></b></p> <p>The funding sources will come from the People's Transportation Plan Bond Program. The maintenance cost impact/funding will be \$17,000 yearly.</p>



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	<p><b><u>Background</u></b></p> <p>The immediate installation of the Active Video Wall solution was crucial to the Traffic Management Center in order to provide traffic engineers the ability to act on safety and security traffic related incidents, and provide visual tools to collaboratively identify, analyze, investigate, and resolve traffic events. The system facilitates the distribution and sharing of real-time visual information among several County agencies, and with the FDOT, thus facilitating the most appropriate, informed, and coordinated response.</p> <p>This project was advertised through the Miscellaneous Construction Contract 7040 Program as a Request for Price Quotation (RPQ) on June 18, 2016. Due to the urgency of this project, the RPQ was advertised and awarded with Operating Funds, in anticipation of having the use of People's Transportation Plan (PTP) funds approved by the Board and CITT at a later date. This project is a component of the Advanced Traffic Management System, and therefore funded in the FY 2016-17 Adopted Budget under Project No. 608400. Two bids were received on July 8, 2016.</p> <p>DTPW staff reviewed the bid packages for responsibility and responsiveness. It was determined that R &amp; D Electric, Inc. was the lowest responsive and responsible bidder with a contract amount of \$578,197.40 including a 10 percent contingency allowance account. R &amp; D Electric, Inc., was approximately 4.77 percent above the engineer's estimate.</p> <p><b><u>Contract Measures</u></b></p> <table border="0"> <tr> <td><u>Type</u></td><td><u>Goal</u></td></tr> <tr> <td>SBD</td><td>100 percent</td></tr> </table>	<u>Type</u>	<u>Goal</u>	SBD	100 percent
<u>Type</u>	<u>Goal</u>				
SBD	100 percent				
<p><b>3G 171316</b></p>	<p>RESOLUTION APPROVING CONTRACT AWARD TO DOUGLAS N. HIGGINS, INC. IN THE AMOUNT OF \$2,925,350.00, FOR DESIGN-BUILD SERVICES FOR THE PROJECT ENTITLED "BRIDGE REPLACEMENT AT N. MIAMI AVENUE OVER THE LITTLE RIVER CANAL (BRIDGE NO. 874127).</p>				
<p><b>Notes</b></p>	<p>The proposed resolution approves the Award of Contract for Design-Build Services for the Bridge Replacement at N. Miami Avenue over the Little River Canal (<i>Bridge No. 874127</i>) (Project) to Douglas N. Higgins, Inc. (DNHI), in the amount of \$2,925,350.</p> <p><b><u>Fiscal Impact/Funding Source</u></b></p> <p>The total fiscal impact will be approximately \$2,925,350. The base design contract amount is \$400,000, and the base construction contract amount is \$2,367,000 with the total amount being inclusive of contingency amounts. The Project is being funded with Road Impact Fees (RIF).</p> <p><b><u>Background</u></b></p> <p>The bridge in question has a sufficiency rating of less than 70, which requires that it be addressed within two years. As such, a Design-Build consultant is needed to replace the existing structure to safely convey vehicular, pedestrian, and bicycle traffic.</p> <p>DNHI will design and construct the replacement of the existing N. Miami Avenue Bridge over the Little River Canal. The work includes roadway approaches, geotechnical, surveys, permits,</p>				



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	<p>and all other design services in accordance with the latest American Association of State Highway and Transportation Officials, County, and Florida Department of Transportation design standards necessary to produce the required construction documents, engineering plans, traffic control and maintenance of traffic plans, public involvement plan, project coordination, and all necessary incidentals for the complete replacement of the existing bridge. In compliance with Rule 5.09 of the Rules of Procedure for the BCC, the impact of sea level rise has been considered in the project. The new bridge will account for changes in the canal's water elevation to the extent that SFWMD has incorporated those considerations into their criteria.</p> <p><b><u>Contract Measures</u></b></p> <table> <tr> <td><u>Type</u></td><td><u>Goal</u></td></tr> <tr> <td>SBE-AE</td><td>6.31 percent.</td></tr> <tr> <td>SBE-CONST</td><td>Trade Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic.</td></tr> <tr> <td>CWP</td><td>10 percent.</td></tr> </table>	<u>Type</u>	<u>Goal</u>	SBE-AE	6.31 percent.	SBE-CONST	Trade Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic.	CWP	10 percent.
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SBE-CONST	Trade Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic.								
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<p><b>3H 171356</b></p>	<p>RESOLUTION APPROVING SUPPLEMENTAL AGREEMENT NUMBER 3 TO PROFESSIONAL SERVICES AGREEMENT TA02-MR26 WITH URS ENERGY &amp; CONSTRUCTION, INC. AND ASSIGNMENT OF CONTRACT FROM URS TO AECOM ENERGY AND CONSTRUCTION, INC. AND INCREASING THE CONTRACT CEILING BY \$8,250,000 AND THE CONTRACT TIME BY FIVE YEARS AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE SUPPLEMENTAL AGREEMENT; AND AUTHORIZING THE USE OF CHARTER COUNTY TRANSPORTATION SURTAX FUNDS FOR SUCH PURPOSES.</p>								
<p><b>Notes</b></p>	<p>The proposed resolution approves the Supplemental Agreement No. 3 (Supplemental Agreement) to <i>Contract TA02-MR26</i> between URS Energy &amp; Construction, Inc. (URS) and the County for Non-Exclusive Professional Services in support of project management, warranty support, and oversight of Contract No. 654 (new Metrorail vehicles). It also assigns contract from URS Energy and Construction to AECOM Energy &amp; Construction, Inc., (AECOM).</p> <p>This Supplemental Agreement, requested by the Department of Transportation and Public Works (DTPW), extend the contract term from 14 years to 19 years, and amends the contract ceiling by \$8,250,000 resulting in an expiration date of September 2022, and a total contract amount of \$29,733,822.</p> <p><b><u>Fiscal Impact/Funding Source</u></b></p> <p>The fiscal impact of this Supplemental Agreement Is \$8,250,000, which was previously allocated for inspection services in the project budget approved through Resolution No. R-924-12, in conjunction with the Ansaldo Breda (now Hitachi) contract. These inspection services will be included in the AECOM scope of work if this Supplemental Agreement Is approved. The \$8,250,000 would also fund the cost of additional professional engineering services required for project management, warranty support, and oversight functions for the duration of this Supplemental Agreement. This Supplemental Agreement Is proposed to be funded from Capital funds under Project: Metrorail Vehicle Replacement, Project No. OMB 6733001 (DTPW-CIP057).</p>								



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	<p><b><u>Background</u></b></p> <p>On September 9, 2003, through Resolution No. R-931-03, the BCC awarded Contract TA02-MR26 (Contract) for a three year term in the amount of \$2,116,772. The said Contract provides for engineering services and an assessment of the condition of the existing Metrorail and Metromover Phase 1 fleets, and requires the development of documents to solicit for a mid-life overhaul on all 136 Metrorail vehicles, and the overhaul of the original 12 Metromover vehicles. The Contract also includes an option for engineering and Inspection services that allow the consultant to assist the DTPW with management and oversight of rehabilitation contracts. Based on the assessment of the Metromover vehicles, the County decided to purchase new Metromover vehicles in lieu of rehabilitation.</p> <p>On May 17, 2005, the BCC passed Resolution No. R-579-05, approving Supplemental Agreement No. 1, which extended the Contract term by five years, and increased the contract sum by \$14,961,313. This resulted in an expiration date of September 2011 and a cumulative contract amount of \$17,078,085. Subsequently, through Resolution No. R-926-12, the BCC approved Supplemental Agreement No. 2, which increased the contract sum by \$4,405,737, resulting in a cumulative contract amount of \$21,483,822, and provided Engineering Services through acceptance of the first 32 Metrorail vehicles.</p> <p>To date, Hitachi has not delivered 32 Metrorail vehicles because there have been multiple contract change orders that have resulted in negotiated contract extensions. Key among the changes have been the implementation of the County's new Computer Aided Dispatch/Automated Vehicle Location (CAD/AVL) system and studies performed by Hitachi to investigate the potential to design the new vehicles with a sloped front end. The changes have resulted in 12 months of delay. This Supplemental Agreement will ensure Engineering Services through final acceptance and successful completion of the warranty period for the duration of this Supplemental Agreement, and will bring the overall contract amount to \$29,733,822.</p> <p>Although the cost of \$8,250,000 for this Supplemental Agreement was previously allocated for inspection services, in the project budget approved through Resolution No. R-924-12, the DTPW did not issue a new solicitation since AECOM represented the best value to the County. The cost to the County to prepare contract documentation (RFP), Technical Contract, Terms and Conditions), manage a corresponding proposal and evaluation process, and negotiate a contract would be significant.</p>