CALL TO ORDER

CALL TO THE PUBLIC

MINUTES OF MEETINGS

1. For Approval or Correction, the Minutes of the Aviation and Transportation Subcommittee Meeting on June 25, 2019

   Responsible Department
   This item is submitted by Deputy City Manager Mario Paniagua and the City Manager's Office.

2. For Approval or Correction, the Minutes of the Water, Wastewater, Infrastructure and Sustainability Subcommittee Meeting on June 5, 2019

   Responsible Department
   This item is submitted by Deputy City Manager Karen Peters and the City Manager's Office.

CONSENT ACTION (ITEMS 3-6)

3. Authorization to Apply for, Accept, and Disburse Grant Funds from the Catena Foundation
This report requests the Transportation, Infrastructure and Innovation Subcommittee recommend City Council authorization for the City Manager, or his designee, to apply for, and, if successful, accept and disburse grant funds from the Catena Foundation, to fund an Electric Vehicle Program Fellow temporary staff position for a period of two years. The recommendation includes a request for authorization to spend any residual amount over and above the amount required to fully offset salary and benefit costs as program costs for marketing materials and events. The grant would be for $120,000 per year.

**Responsible Department**

This item is submitted by Deputy City Manager Karen Peters and the Office of Sustainability.

4  Executive Hangar Lease with Salt River Project Agricultural Improvement and Power District at Phoenix Sky Harbor Airport

This report requests that the Transportation, Infrastructure and Innovation Subcommittee recommend City Council approval to enter an executive hangar lease with Salt River Project Agricultural Improvement and Power District (SRP) at Phoenix Sky Harbor International Airport (PHX). Rent will be approximately $27,119 annually. Total rent over the term of the lease will be approximately $108,476.

**THIS ITEM IS FOR CONSENT ACTION.**

**Responsible Department**

This item is submitted by Assistant City Manager Deanna Jonovich and the Aviation Department.

5  Amendment to Lease 140605-4 with RSW Group, LLC at Deer Valley Airport

This report requests that the Transportation, Infrastructure and Innovation Subcommittee recommend City Council approval to amend Lease
140605-4 with RSW Group, LLC (RSW) at Phoenix Deer Valley Airport (DVT) to extend the lease term for five years. Rent will be approximately $130,127 per year. Rent over the term of the lease will be approximately $650,635.

**THIS ITEM IS FOR CONSENT ACTION.**

**Responsible Department**
This item is submitted by Assistant City Manager Deanna Jonovich and the Aviation Department.

6  **2019 Navigator Volunteer Appreciation Lunch**

This report requests the Transportation, Infrastructure and Innovation Subcommittee recommend City Council approval for payment to the Hyatt Regency Phoenix for up to $44,000 to provide food, beverage, parking, Audio Visual (AV) and venue services for the annual Phoenix Sky Harbor Navigator Volunteer Event in November 2019.

**THIS ITEM IS FOR CONSENT ACTION.**

**Responsible Department**
This item is submitted by Assistant City Manager Deanna Jonovich and the Aviation Department.

**INFORMATION ONLY (ITEMS 7-8)**

7  **Metro, Regional Public Transportation Authority, and Maricopa Association of Governments Meetings**

This report provides the Transportation, Infrastructure and Innovation Subcommittee with copies of past and/or upcoming meeting agendas/summaries for METRO light rail, Valley Metro/Regional Public...
Transportation Authority (RPTA), and the Maricopa Association of Governments (MAG).

THIS ITEM IS FOR INFORMATION ONLY.

Responsible Department
This item is submitted by Deputy City Manager Mario Paniagua and the Public Transit Department.

8 Citizens Transportation Commission Meetings

This report provides the Transportation, Infrastructure and Innovation Subcommittee with copies of past and/or upcoming meeting agendas/summaries for the Citizens Transportation Commission.

THIS ITEM IS FOR INFORMATION ONLY.

Responsible Department
This item is submitted by Deputy City Manager Mario Paniagua and the Public Transit Department.

DISCUSSION AND POSSIBLE ACTION (ITEMS 9-10)

9 Phoenix Food Day and Healthfest 2019

Request to authorize the City Manager, or his designee, to enter into a Memorandum of Understanding with the Junior League of Phoenix for the 2019 Phoenix Food Day event. The Junior League of Phoenix desires to work jointly with the City of Phoenix to enhance the event with a "Healthfest" component, including facilitating volunteer participation, serving on the event planning committee, and providing $11,900 to be used for various event expenses. Further request to authorize execution of amendments to the Memorandum of Understanding as necessary within the Council-approved expenditure authority as provided below, and for the City Controller to disburse all funds related to this item.

THIS ITEM IS FOR DISCUSSION AND POSSIBLE ACTION.
Responsible Department
This item is submitted by Deputy City Manager Karen Peters and the Office of Environmental Programs.

10  Apprenticeship Agreements with State of Arizona
Staff requests the Transportation, Infrastructure and Innovation (TII) Subcommittee recommend City Council approval to enter into apprenticeship agreements with the State of Arizona for the Gardener Apprenticeship Program, Solid Waste Equipment Operator (SWEO) Apprenticeship Program, and the Street Maintenance Worker Apprenticeship Program. Staff further requests the TII Subcommittee recommend City Council authorize the City Manager to create a full-time equivalent coordinator position (Administrative Assistant II, Job Code 06040, Grade 035) to oversee and coordinate the City's Apprenticeship Programs.

THIS ITEM IS FOR DISCUSSION AND POSSIBLE ACTION.

Responsible Department
This item is submitted by Acting Deputy City Manager Toni Maccarone and the Human Resources Department.

INFORMATION AND DISCUSSION (ITEMS 11-12)

11  Water Services Department Capital Improvement Program Website
This report provides the Transportation, Infrastructure and Innovation Subcommittee (TII) an update on the Water Services Department's (WSD) Capital Improvement Program Website.

THIS ITEM IS FOR INFORMATION AND DISCUSSION.
Responsible Department
This item is submitted by Deputy City Manager Karen Peters and the Water Services Department.

12 Pedestrian Safety Update
This report provides the Transportation, Infrastructure and Innovation Subcommittee with an update on the Street Transportation Department Office of Pedestrian Safety activities.

THIS ITEM IS FOR INFORMATION AND DISCUSSION.

Responsible Department
This item is submitted by Deputy City Manager Mario Paniagua and the Street Transportation Department.

CALL TO THE PUBLIC

FUTURE AGENDA ITEMS

ADJOURN

For further information or reasonable accommodations, please call Jessica Rothschild, Management Assistant II, City Manager's Office at 602-262-7526. 7-1-1 Friendly.

Persons paid to lobby on behalf of persons or organizations other than themselves must register with the City Clerk prior to lobbying or within five business days thereafter, and must register annually to continue lobbying. If you have any questions about registration or whether or not you must register, please contact the City Clerk's Office at 602-534-0490.

Members:
Councilwoman Thelda Williams, Chair
Councilwoman Betty Guardado
Councilwoman Laura Pastor
Councilwoman Debra Stark
For Approval or Correction, the Minutes of the Aviation and Transportation Subcommittee Meeting on June 25, 2019

Summary
This item transmits the minutes of the Aviation and Transportation Subcommittee Meeting on June 25, 2019 for review, correction or approval by the Transportation, Infrastructure and Innovation Subcommittee.

The minutes are attached.

Responsible Department
This item is submitted by Deputy City Manager Mario Paniagua and the City Manager's Office.
Call to Order
Chairwoman Stark called the Aviation and Transportation Subcommittee meeting to order at 10:17 a.m. with Councilwoman Williams present.

Call to the Public
None.

1. For Approval or Correction, the Minutes of the Aviation and Transportation Subcommittee Meeting on May 28, 2019
Councilwoman Williams made a motion to approve the minutes of the May 28, 2019 Aviation and Transportation Subcommittee. Councilwoman Stark seconded the motion which passed unanimously, 2-0.

Item 2 was for consent action. No presentations were planned but staff was available to answer questions.

Councilwoman Williams made a motion to approve consent item 2. Councilwoman Stark seconded the motion which passed unanimously, 2-0.

2. Issue RFP for Photography Services

3. Metro, Regional Public Transportation Authority, and Maricopa Association of Governments Meetings
Information only. No Councilmember requested additional information.

4. Citizens Transportation Commission Meetings
Information only. No Councilmember requested additional information.

5. Proposed Downtown Shared Electric Scooter Pilot Program
Deputy City Manager Mario Paniagua introduced the item and fellow presenters Street Transportation Director Kini Knudson and Assistant Street Transportation Director Briiana Velez.
Mr. Knudson outlined community outreach processes and best practices research currently underway in the proposed downtown shared electric scooter pilot program.

Ms. Velez detailed the mobility options afforded by a shared electric scooter program, proposed for a pilot program in the downtown area. The proposed boundaries are between McDowell and Buckeye Roads from Central Ave. to 7th St.; between Portland St. and Buckeye Rd. from Central Ave. to 7th Ave.; and the area bounded by Roosevelt St. and Grand Ave. She stated the program was a six-month pilot, which requires best practice-based permits and fees for each vendor. Ms. Velez stressed an ordinance change would be required to allow electric scooters in the area defined by the pilot program boundaries.

Ms. Velez outlined proposed violation and enforcement measures. She shared proposed parking and staging requirements. Ms. Velez stated approximately 400 parking sites have been identified within the pilot program boundaries.

Ms. Velez stressed scooter riders must be 18-years-old and have a valid driver’s license. She stated helmets are encouraged and riding scooters on sidewalks will be prohibited. Ms. Velez stressed the maximum speed of the scooters will be 15 miles per hour, and vendors must use a custom app with City of Phoenix safety and usage information. She stated vendors must create safety and education plans and work with the City on parking requirements.

Ms. Velez stated proposed permit stipulations include the requirement for each vendor to provide 300 scooters, operational plans to address large events, share data with the City and implement geo-fence technology demonstrating capability to enforce pilot program boundaries. She stated vendors will be required to purchase standard City of Phoenix insurance.

Ms. Velez stated the pilot program would be continually evaluated by staff in order to collect ridership trends, trip locations, average trip times and distances, the number of trips completed, track customer surveys, operator and rider compliance, number of incidents, net costs and ongoing community feedback.

John Brodsky, Executive Director of the Phoenix Community Alliance, spoke in favor of the item and greater downtown connectivity.

Tim Alborg representing Spin spoke in favor of the item and requested fewer vendors be selected for the pilot program to avoid over-saturation.

Councilwoman Stark stated the City was unable to limit the number of vendors. She stated that to limit vendors, the program would have to be issued as a request for proposal (RFP), which is not being pursued for the pilot program.

Assistant City Attorney Macaen Mahoney confirmed unless the City releases a RFP the number of vendors cannot be restricted.

Sam Dreiman representing Lime submitted a card in favor of the item.
Councilwoman Williams requested clarification on the number of scooters to be deployed by each vendor, and the number of vendors participating.

Ms. Velez confirmed each vendor could deploy a maximum of 300 scooters, and the number of vendors would not be limited.

Councilwoman Williams asked whether high-demand areas would allow for a high-volume of scooters being parked and ridden safely. Ms. Velez stated staff has identified staging areas on all four corners of many high-demand areas, and stated the pilot program would allow staff to implement further measures based on the data generated by the pilot program.

Mr. Knudson stressed staff has crafted the pilot program to implement best practices from other jurisdictions, but will need to bring regular reports back to Council throughout the duration of the pilot.

Councilwoman Williams asked whether concerns would be brought to Council in a timely manner to be addressed. Mr. Knudson confirmed staff would bring concerns to Council as quickly as possible, and had established a course of action for cases of non-compliance.

Councilwoman Williams made a motion to approve item 5. Councilwoman Stark seconded the motion which passed unanimously 2-0.

6. Proposed Oak Street Improvements
Street Transportation Director Kini Knudson introduced the item and fellow presenter Assistant Street Transportation Director Briiana Velez.

Ms. Velez explained connective bicycle projects planned along Oak St., 3rd St., 20th St., the Grand Canal and Colter St. She stressed the importance of low-stress, low-volume bicycle and pedestrian corridors, preserving neighborhood character, improvements to existing travel lanes and utilization of existing infrastructure.

Ms. Velez outlined public outreach processes and feedback gathered through community engagement, including concerns about vehicular speed, on-street parking, bicycle and automotive conflict points, trees and landscaping, drainage and bicycle protection. She detailed planned design features, including signage, striping, traffic management measures, trees and landscaping, green-infrastructure drainage infrastructure, and Americans with Disabilities Act improvements.

Councilwoman Stark asked for a definition of green drainage. Ms. Velez defined green-infrastructure drainage, which utilize root systems, grass and soil to filter rainwater run-off into a collection channel.

Councilwoman Williams asked how much the project would cost, where the money would come from and what could be done when a community or neighborhood does not
want bicycle lanes. Mr. Knudson stated final estimates had not yet been completed as
the project was still in planning stages, and funding would come from multiple sources.
He stated staff was researching creative solutions in areas where bicycle lanes present
safety challenges, and stressed staff was willing to re-evaluate any areas of community
concern.

Councilwoman Williams asked how people can get involved in the process. Mr.
Knudson stated social media outreach and community meetings would be held, and
information would be posted on the City’s communication channels.

Councilwoman Williams suggested utilization of humorous informational signs such as
those currently being deployed to create awareness around scheduled pavement
maintenance projects, for corridors with future bike lane projects.

Call to the Public
None.

Future Agenda Items
Councilwoman Williams stated a resident had concerns about Americans with
Disabilities Act (ADA) accessibility and compatibility of bus stops along Bell Road and
potentially throughout the community.

Deputy City Manager Mario Paniagua committed to contacting this citizen and ensuring
ADA accessibility and compatibility of all City bus stops.

Adjournment
Chairwoman Stark adjourned the meeting at 10:59 a.m.

Respectfully submitted,
Alexa Martin
Management Intern
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<td>Valerie Haverac</td>
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<td>Heather Lissner</td>
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<td>Sarah Dimoff</td>
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<td>Neil Yonewell</td>
<td>Project Manager</td>
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<td>Mike James</td>
<td>Dir. Planning</td>
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<td>Mark Melnychenko</td>
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<td>Mark Gilliland</td>
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<td>Paul Arora</td>
<td>Director of Gov Programs, SPIN</td>
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<td>Lisa DeBello</td>
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<td>Zachary Maloney</td>
<td>Principal, Streets</td>
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<td>Ashley Patton</td>
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<td>Julie Kees</td>
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<td>John Fetherson</td>
<td>Community Relations Mgr, BIRD Rides</td>
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<td>Michael Einstein</td>
<td>Arizona Area Manager, CA Group</td>
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<td>David Sabers</td>
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<td>Nicole Paone</td>
<td>Account Exec, Phoenix Community Alliance</td>
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<td>John Brodsky</td>
<td>Exec Dir, Wilson Co.</td>
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<td>Dava Marum</td>
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<td>Samantha Jackson</td>
<td>EVP Operating Directors, C/A, C4</td>
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<td>Sam Drennan</td>
<td>DATE, C/A, Downtown Phoenix Partnership, CME</td>
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For Approval or Correction, the Minutes of the Water, Wastewater, Infrastructure and Sustainability Subcommittee Meeting on June 5, 2019

Summary
This item transmits the minutes of the Water, Wastewater, Infrastructure and Sustainability Subcommittee Meeting on June 5, 2019 for review, correction or approval by the Transportation, Infrastructure and Innovation Subcommittee.

The minutes are attached.

Responsible Department
This item is submitted by Deputy City Manager Karen Peters and the City Manager's Office.
Call to Order
Mayor Williams called the Water, Wastewater, Infrastructure and Sustainability Subcommittee meeting to order at 9:18 a.m. with Councilwoman Vania Guevara present. Vice Mayor Jim Waring was present telephonically. Councilwoman Stark arrived in-person at 9:20 a.m.

Call to the Public
Members of the 19 North neighborhood organization thanked Councilwoman Guevara for her service on the Phoenix City Council and her impact on the Phoenix community.

1. For Approval or Correction, the Minutes of the Water, Wastewater, Infrastructure and Sustainability Subcommittee Meeting on March 6, 2019
Councilwoman Stark made a motion to approve the minutes of the March 6, 2019 Water, Wastewater, Infrastructure and Sustainability Subcommittee. Vice Mayor Waring seconded the motion which passed unanimously, 3-0.

Items 2-5 were for consent action. No presentations were planned but staff was available to answer questions.

2. Fiscal Year 2019-20 Assessment for Water Industry Research and Partnerships

3. Fiscal Year 2019-20 Assessments for the Arizona Municipal Water Users Association

4. Arizona Forward Membership Renewal

5. Owner Representative for Energy Performance Contracts

Councilwoman Guevara made a motion to approve items 2, 3 and 5. Vice Mayor Waring seconded the motion which passed 3-0.
Councilwoman Guevara made a motion to approve item 4. Councilwoman Williams seconded the motion which passed 2-1, with Vice Mayor Waring voting no.

6. Water Services Department 23rd Avenue Wastewater Treatment Plant Microgrid
Information only. No presentations were planned but staff was available for questions.

7. Floodplain Ordinance Update
Public Works Director Ginger Spencer introduced the item and fellow presenters Assistant Public Works Director Ray Dovalina and Public Works Civil Engineer Elise Moore.

Mr. Dovalina outlined the National Flood Insurance Program, which requires flood protection for new and existing buildings. He stated this program also allows property owners to purchase insurance to protect their properties. Mr. Dovalina detailed regulations allowing the Federal Emergency Management Association to review the City’s floodplain ordinances via a Community Assistance Visit.

Mr. Dovalina explained recent updates to the floodplain program, including staffing changes and stipulations for properties undergoing substantial improvements. Mr. Dovalina outlined refinements to the floodplain variances section, manufactured homes policies and standard operating procedures. He detailed recent community outreach efforts. Mr. Dovalina stated the Development Advisory Board unanimously approved the update to the floodplain ordinance.

Councilwoman Stark made a motion to approve item 7. Councilwoman Guevara seconded the motion which passed 4-0.

8. Unmanned Aerial Systems-Drones
Homeland Security and Emergency Management Manager Lisa Jones introduced the item and fellow presenters Water Services Assistant Director Brandy Kelso and Assistant Chief Information Officer Steen Hambric.

Ms. Jones outlined the established goals of the drones working group, which created a Citywide policy and standard operating procedures template. She stated Law, Risk Management, Communications, Information Technology and Homeland Security staff have collaborated to implement policies and procedures. Ms. Jones stressed the importance of privacy, which includes policies which inform the public of drone usage and limited sharing of drone-collected data. She stated the Arizona Civil Liberties Union was consulted in the formulation of privacy policies. Ms. Jones stated an open data portal and single point-of-contact would allow for transparency with the public. She outlined the pilot program, a phased approach lasting 60 to 90 days.

Ms. Kelso explained the Water Services Department’s intention to use drones in surveying the Tres Rios Wetlands, instead of employing boats to survey inaccessible areas. She also stated a drone could provide an alternate vantage point to identify issues throughout the 700 acres of wetlands.
Mr. Hambric detailed the Information Technology Services Department’s intention to use drones to survey radio towers and antennas, which can be up to 250 feet in height and located in inaccessible areas. He stated three certified climbers are required to service a single radio tower or antenna. Mr. Hambric stressed drones could inspect and photograph installation once climbers have secured equipment. He stated drones could also be used to inspect radio towers and antennas after a major storm, to ensure City infrastructure remains undamaged.

Councilwoman Williams asked whether any other areas or departments were being considered for this pilot program.

Ms. Jones clarified drones would only be used at Tres Rios Wetlands and in the inspection of radio towers and antennas.

Councilwoman Stark made a motion to approve item 8. Councilwoman Guevara seconded the motion which passed unanimously 4-0.

9. The Salt River Project’s 2035 Sustainability Goals: Delivering Today, Shaping Tomorrow
Deputy City Manager Karen Peters introduced the item and fellow presenters Chief Sustainability Officer Mark Hartman and Salt River Project’s Chief Corporate Services and Sustainability Executive Kelly Barr.

Ms. Barr stated the Salt River Project (SRP) 2035 Sustainability Goals cover five major categories, including reduction of carbon footprint, ensuring water resiliency, promoting a sustainable supply chain and reduce waste, modernizing the energy grid, and engaging with communities. She outlined the phased action plan of implementation, which spans from FY 2018-20 to FY 2031-35. Ms. Barr stressed community outreach and stakeholder engagement, which engaged over 60 members of the community.

Ms. Barr outlined the stakeholder and community engagement process, detailing highlights of sustainability goals, including a 62 percent generation of carbon intensity by 2035, and 90 percent by 2050. She stated another goal was to partner to conserve five billion gallons of water by 2035. Ms. Barr also stated 500,000 acres of forest health would be restored by 2035.

Councilwoman Williams asked whether SRP was already working toward these goals.

Ms. Barr confirmed SRP is already working toward these numbers, and is hoping the 2035 Sustainability Goals will provide greater exposure to these programs.

Councilwoman Stark thanked SRP for partnering with the City on sustainability goals.

10. Downloadable Plans for a Sustainable Home
Deputy City Manager Karen Peters introduced the item and fellow presenters Planning and Development Director Alan Stephenson, Chief Sustainability Officer Mark Hartman, Assistant Planning and Development Director Sandra Hoffman, and Imirzian Architect Marlene Imirzian.
Ms. Hoffman outlined the sustainable home challenge.

Ms. Imirzian detailed the project description, floor plan and home energy rating system. She outlined shading elements, high-efficiency technology and natural systems providing greater reduction of water-usage and energy efficiency. Ms. Imirzian stated the design is for a sustainable net-zero single family home.

Ms. Hoffman stated the plans are available for free download on phoenix.gov/sustainability/home. She stated the first ten applications will be funded by a grant, and the website includes information and directions.

Vice Mayor Waring asked whether homes built in the last several years are more energy efficient than homes built 20 or more years ago.

Mr. Stephenson confirmed building codes require new homes to use more energy-efficient construction materials.

Vice Mayor Waring asked when the shift to energy-efficient construction materials took place.

Mr. Hartman stated the 1970s and 1980s introduced insulation and in 2006, 2012 and 2018 energy-efficiency requirements were significantly increased.

Vice Mayor Waring asked whether newer cities are outpacing older cities in energy efficiency.

Mr. Hartman clarified energy use in Phoenix has been shown to be significantly lower than in comparable major cities. He stated Phoenix’s temperate climate and newer homes are major factors in this trend.

Vice Mayor Waring asked whether a family of four in Phoenix leaves less of a footprint than a comparable family would have in other cities or past decades.

Mr. Hartman stated total energy usage per square foot has declined since the 1970s and 1980s mainly due to technology.

Vice Mayor Waring asked whether per capita numbers for energy efficiency mirrored per-capita water conservation. He stated these numbers should be touted as good news for sustainability goals.

Mr. Hartman confirmed energy efficiency was steadily increasing, much like water conservation.

Vice Mayor Waring stated the general public is largely unaware of the City’s water conservation and energy efficiency accomplishments.

Councilwoman Stark thanked staff in water conservation and energy conservation programs, and she thanked Ms. Imirzian for her work on the project.
Councilwoman Williams asked where people can find the plans for the sustainable home.

Mr. Stephenson stated the plans were available on the City’s website. He stated the plans would be included in upcoming community outreach events, and he encouraged Council to share the plans with their constituents.

Councilwoman Williams thanked staff and Ms. Imirzian for her work on this project.

Vice Mayor Waring asked whether sustainable improvements increase the cost of constructing a home.

Mr. Hartman stated the project was required to be built at the cost of an average house.

Vice Mayor Waring clarified the sustainable components should be cost-neutral for a builder.

11. Development Impact Fee Review Update
Planning and Development Director Alan Stephenson introduced the item and fellow presenters Planning and Development Team Leader Adam Miller and Development Impact Fee Ad Hoc Chairwoman and Senior Vice President of Sunbelt Holdings Heidi Kimball.

Mr. Stephenson provided background on development impact fees, and explained how these fees are utilized to fund City facilities needed for new developments. He stated these impact fees are only paid by new development and only apply in designated impact fee areas.

Mr. Miller outlined comprehensive reviews and updates of land-use assumptions, service demands, facility inventories, infrastructure master plans, levels of service, unit costs, offsets and fee calculation. He detailed the creation of the Impact Fee Ad Hoc Committee, which was appointed to advise staff in the formulation and implementation of development impact fees.

Mr. Stephenson shared next steps, including public hearings and council adoption.

Ms. Kimball thanked Council and staff for allowing builders and developers to participate in the review and updating of development impact fees.

Councilwoman Stark asked whether staff researched development impact fees in surrounding communities.

Ms. Kimball confirmed the committee researched and compared development impact fees in surrounding communities.

Mr. Stephenson stressed staff is working to develop charges which reflect the actual costs of installing the necessary infrastructure to support and connect new developments.
Vice Mayor Waring asked whether development impact fees have to be updated regularly regardless of potential changes.

Mr. Stephenson confirmed City charter and State statute mandate regular development impact fee updates.

Councilwoman Williams stated increased police and fire infrastructure would be especially important in northern neighborhoods in coming years.

Mr. Stephenson confirmed staff was working to address future public safety needs in the City’s northern-most neighborhoods.

12. Green Business Leader Program Expansion
Public Works Director Ginger Spencer introduced the item and fellow presenters Assistant Public Works Director Joe Giudice and Public Works Zero Waste Coordinator Lucas Mariacher.

Mr. Giudice shared diversion status of the Public Works Department projected at 36 percent in FY 2018-19. He stated the City’s ultimate diversion goal is zero waste by 2050. Mr. Giudice outlined the Reimagine Phoenix initiative, which provides opportunities for public and private partnerships in green business.

Mr. Mariacher outlined the 2018 expansion of the Phoenix Green Business Leader program. He stated the City created new levels of certification, now delineated into green, gold and platinum certification. Mr. Mariacher stated over 100 businesses have been certified as part of the program.

Councilwoman Williams asked how businesses can join the program.

Mr. Mariacher stated the application is available online at phoenix.gov/greenbusiness.

Mr. Giudice thanked community partners for attending today’s meeting and for coordinating with the City on the Green Business Leader Program.

Councilwoman Williams thanked staff for their work on this project.

Call to the Public
None.

Councilwoman Guevara thanked City leaders for their dedication to sustainability initiatives throughout the community.

Councilwoman Williams thanked Councilwoman Guevara for her service on the Phoenix City Council and sustainability initiatives.

Future Agenda Items
None.
Adjournment
Mayor Williams adjourned the meeting at 10:48 a.m.

Respectfully submitted,
Alexa Martin
Management Intern
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<td>Mani Ann Fentress</td>
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<td>Alisa Lyons</td>
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Authorization to Apply for, Accept, and Disburse Grant Funds from the Catena Foundation

This report requests the Transportation, Infrastructure and Innovation Subcommittee recommend City Council authorization for the City Manager, or his designee, to apply for, and, if successful, accept and disburse grant funds from the Catena Foundation, to fund an Electric Vehicle Program Fellow temporary staff position for a period of two years. The recommendation includes a request for authorization to spend any residual amount over and above the amount required to fully offset salary and benefit costs as program costs for marketing materials and events. The grant would be for $120,000 per year.

Summary
The Catena Foundation, a philanthropic non-profit organization based in Colorado and affiliated with the Walton family, is interested in improving air quality in the region by encouraging the uptake of electric vehicles and other sustainable modes of transportation by funding a transportation fellow to advance programs currently being developed in the Office of Sustainability. These programs include a public electric vehicle buying program, similar to the one piloted in 2018 in the Office of Sustainability, an electric vehicle education and awareness program in partnership with Arizona Public Service (APS), Salt River Project (SRP) and the Arizona Electric Vehicle Association, and a program to expand the network of electric vehicle charging infrastructure, in partnership with the Street Transportation and Public Works departments.

The Catena Foundation has invited the City of Phoenix to submit an application for $240,000 to support a new two-year temporary fellow. Both utilities, APS and SRP, along with the Arizona Electric Vehicle Association are fully supportive of this dedicated role given the need for thoughtful integration with other transportation systems and the need for greater public education and awareness.

Today there are thirty-four electric vehicle models on the market with over a dozen new longer-range models planned for release in 2020 (Attachment A). Given the rapidly growing uptake of electric vehicles and ongoing need to improve local air quality, which could be greatly impacted by expanded use of electric vehicles, this dedicated role is
timely.

**Contract Term**
The grant would likely be awarded in the fall of 2019 and continue through the end of 2021.

**Financial Impact**
The grant would be for $120,000 per year, with the majority of funds covering salary and benefits for the fellow position, with any residual funding going toward the programs managed by the position. No matching funds are required. Grant funds will be managed through the Office of Sustainability.

**Responsible Department**
This item is submitted by Deputy City Manager Karen Peters and the Office of Sustainability.
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<th>Electric range (EPA est in miles)</th>
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Executive Hangar Lease with Salt River Project Agricultural Improvement and Power District at Phoenix Sky Harbor Airport

This report requests that the Transportation, Infrastructure and Innovation Subcommittee recommend City Council approval to enter an executive hangar lease with Salt River Project Agricultural Improvement and Power District (SRP) at Phoenix Sky Harbor International Airport (PHX). Rent will be approximately $27,119 annually. Total rent over the term of the lease will be approximately $108,476.

THIS ITEM IS FOR CONSENT ACTION.

Summary
SRP is requesting to lease executive hangar 11, which is approximately 4,211 square feet and includes adjoining office and shop space. Executive hangar 11 is located near the northwest corner of PHX. The hangar space will be used for the storage and allowed maintenance of SRP's approved aircraft and for no other use or purpose without the consent of the Aviation Director.

Contract Term
The term will be four years with no options to extend. This lease term will be coterminous with their existing main corporate hangar lease that will expire on Sept. 30, 2023.

Financial Impact
Rent will be approximately $27,119 annually ($6.44 per square foot) and will be adjusted annually based on the Phoenix-Mesa-Scottsdale Consumer Price Index (CPI) or 3 percent, whichever is greater. Total rent over the term of the lease will be approximately $108,476.

Concurrence/Previous Council Action
This item was recommended for approval by the Phoenix Aviation Advisory Board on August 15, 2019 by a vote of 5-0, with one recusal.

Location
2533 E. Air Lane
Council District: 8

**Responsible Department**
This item is submitted by Assistant City Manager Deanna Jonovich and the Aviation Department.
Amendment to Lease 140605-4 with RSW Group, LLC at Deer Valley Airport

This report requests that the Transportation, Infrastructure and Innovation Subcommittee recommend City Council approval to amend Lease 140605-4 with RSW Group, LLC (RSW) at Phoenix Deer Valley Airport (DVT) to extend the lease term for five years. Rent will be approximately $130,127 per year. Rent over the term of the lease will be approximately $650,635.

THIS ITEM IS FOR CONSENT ACTION.

Summary
RSW has leased an executive hangar and approximately 1.23 acres of ramp space at DVT since 2014 where the company conducts activities related to the maintenance, storage, flight training, and sale of custom military-style civilian aircraft. The current lease will expire Oct. 31, 2019, and RSW has requested to continue leasing the hangar and ramp space for another five years.

Contract Term
The term will be five years with no additional options to extend.

Financial Impact
Rent will be approximately $130,127 per year and will be adjusted on an annual basis based on the Phoenix-Mesa-Scottsdale Consumer Price Index (CPI) or 3 percent, whichever is greater. Rent over the term of the lease will be approximately $650,635.

Concurrence/Previous Council Action
This item was recommended for approval by the Phoenix Aviation Advisory Board on Aug. 15, 2019 by a vote of 6-0.

Location
Phoenix Deer Valley Airport, 142 E. Deer Valley Road
Council District: 1

Responsible Department
This item is submitted by Assistant City Manager Deanna Jonovich and the Aviation
Department.
2019 Navigator Volunteer Appreciation Lunch

This report requests the Transportation, Infrastructure and Innovation Subcommittee recommend City Council approval for payment to the Hyatt Regency Phoenix for up to $44,000 to provide food, beverage, parking, Audio Visual (AV) and venue services for the annual Phoenix Sky Harbor Navigator Volunteer Event in November 2019.

THIS ITEM IS FOR CONSENT ACTION.

Summary
The lunch will honor approximately 500 Volunteer Navigators, Navigator Buddies and Teen Navigators that donate their time to provide customer service to Phoenix Sky Harbor International Airport. The volunteers have donated nearly 77,405 hours in the past year, saving the City of Phoenix an estimated $1.9 million in staff costs (based on a rate of $25.43/hour source: http://www.independentsector.org/volunteer_time)

Procurement Information
In accordance with A.R. 3.10, a Request for Quote (RFQ) was sent to a list of City registered vendors including but not limited to the Phoenix Zoo, Phoenix Convention Center, The Van Buren and the Hyatt Regency Phoenix. Two quotes were received, and The Hyatt Regency Phoenix was the lowest offeror.

Contract Term
This is a one-time agreement to provide food, beverage, parking, AV and venue services from Nov. 1, 2019 to Nov. 30, 2019.

Financial Impact
The contract value will not exceed $44,000 for the one-time event.

Location
Hyatt Regency Phoenix, 122 N. 2nd St.
Council District: 7

Responsible Department
This item is submitted by Assistant City Manager Deanna Jonovich and the Aviation Department.
Metro, Regional Public Transportation Authority, and Maricopa Association of Governments Meetings

This report provides the Transportation, Infrastructure and Innovation Subcommittee with copies of past and/or upcoming meeting agendas/summaries for METRO light rail, Valley Metro/Regional Public Transportation Authority (RPTA), and the Maricopa Association of Governments (MAG).

THIS ITEM IS FOR INFORMATION ONLY.

Summary
Within Maricopa County, there are several agencies with different charges relating to public transit and transportation planning.
Valley Metro/RPTA: In 1993, the Regional Public Transportation Authority Board adopted the name Valley Metro as the identity for the regional transit system in metropolitan Phoenix. Under the Valley Metro brand, local governments fund the transit system which the public sees on Valley streets today. Valley Metro Board member agencies include Avondale, Buckeye, Chandler, El Mirage, Gilbert, Glendale, Goodyear, Maricopa County, Mesa, Peoria, Phoenix Queen Creek, Scottsdale, Surprise and Tempe.

METRO: METRO is the brand name for Valley Metro Rail Inc., a nonprofit, public corporation charged with the design, construction and operation of the light rail system. The cities that participate financially in the light rail system each have a representative on the METRO Board of Directors. Cities on the board include Chandler, Glendale, Mesa, Phoenix and Tempe. METRO is structured on a "pay to play basis," with voting power allocated based on investment in the system.

The Maricopa Association of Governments (MAG): MAG is a council of governments that serve as the regional agency for the metropolitan Phoenix area. When MAG was formed in 1967, elected officials recognized the need for long-range planning and policy development on a regional scale. Issues such as transportation, air quality and human services affect residents beyond the borders of individual jurisdictions. MAG is the designated metropolitan planning organization (MPO) for transportation planning in the Maricopa County region.
The goal of staff is to provide the Transportation, Infrastructure and Innovation Subcommittee with agendas for future meetings of these bodies. At times, meeting dates do not coincide and agendas are not available until close to the meeting date. However, prior to reach each Board of Directors meeting, most agenda items are reviewed by staff committees which include City of Phoenix members.

Meeting agendas and/or additional information for previous and upcoming METRO, RPTA and MAG meetings will be distributed to Transportation, Infrastructure and Innovation Subcommittee members at the meeting.

**Responsible Department**
This item is submitted by Deputy City Manager Mario Paniagua and the Public Transit Department.
Citizens Transportation Commission Meetings

This report provides the Transportation, Infrastructure and Innovation Subcommittee with copies of past and/or upcoming meeting agendas/summaries for the Citizens Transportation Commission.

THIS ITEM IS FOR INFORMATION ONLY.

Summary
The Citizens Transportation Commission advances transparency, public input, and government accountability by reviewing appropriations provided by the Phoenix Transportation 2050 plan (T2050), as approved by the voters on Aug. 25, 2015.

The Commission reviews T2050 appropriations and program recommendations of the Public Transit Department and the Street Transportation Department; annually review the revenues and expenditures of T2050 funds, as well as funding from other sources; conducts public meetings; and formulates and presents recommendations to the Phoenix City Council related to revenues, expenditures, projections, programs and major projects as called for by T2050.

Meeting agendas and/or additional information for previous and upcoming Citizens Transportation Commission meetings will be distributed to Transportation, Infrastructure and Innovation Subcommittee members at each Subcommittee meeting.

Responsible Department
This item is submitted by Deputy City Manager Mario Paniagua and the Public Transit Department.
Phoenix Food Day and Healthfest 2019

Request to authorize the City Manager, or his designee, to enter into a Memorandum of Understanding with the Junior League of Phoenix for the 2019 Phoenix Food Day event. The Junior League of Phoenix desires to work jointly with the City of Phoenix to enhance the event with a "Healthfest" component, including facilitating volunteer participation, serving on the event planning committee, and providing $11,900 to be used for various event expenses. Further request to authorize execution of amendments to the Memorandum of Understanding as necessary within the Council-approved expenditure authority as provided below, and for the City Controller to disburse all funds related to this item.

THIS ITEM IS FOR DISCUSSION AND POSSIBLE ACTION.

Summary
In 2013, the City of Phoenix Green Team held the first Phoenix Food Day tailored for City employees only. The event was focused on healthy eating, growing food, and nutrition and was a resounding success. In subsequent years, the event was open to the public, held downtown near City Council Chambers and attendance and awareness grew. After adoption of the Healthy Local Food System goals in PlanPHX and the 2050 Environmental Sustainability Goals, the event was evaluated for its impact. Green Team members and event stakeholders determined that for maximum impact the event should be focused on communities experiencing food insecurity and lack of access to healthy food. The current objective is to establish partnerships in food desert areas, host the event for two to three years within the area, and empower partners to continue the event. In 2016, Phoenix Food Day moved from the original downtown location to the 16th Street and Jefferson area (a food desert/food insecure area) and was later moved to the Maryvale area in 2018 through a partnership with the Cartwright School District and Valley of the Sun United Way. The Cartwright School District and its families experience hunger and food insecurity with an average of 85% of its students provided with free or reduced-cost lunch. Isaac and Alhambra School Districts will be contacted for participation in the event as well.

The Office of Environmental Programs, as Local Food System Goal Leader, has taken responsibility for coordination of the Phoenix Food Day to be held on Oct. 26, 2019.
The annual budget depends on sponsor/partner contributions and varies from year to year. Event activities are offered within the constraints of the available annual budget. The event is free and open to the public.

Junior League of Phoenix (JLP) previously hosted "Healthfest" events offering health screenings and vaccinations and vision and dental services, free of charge for children and adults. Follow-up care and resources were also made available to attendees. JLP is an organization of women committed to promoting volunteerism, developing the potential of women, and improving the community through effective action and leadership of trained volunteers. Its purpose is exclusively educational and charitable. Upon learning about Phoenix Food Day and its alignment with their mission, JLP offered to partner with the City of Phoenix to add this valuable health component to existing Food Day activities through a financial contribution, with members allocating their time to serve on the event planning committee, and with members providing volunteer support for the event.

Phoenix Food Day offers several interactive exhibits for children and families to learn about nutrition, fitness, physical and mental health, tips to take home to assist in making healthy choices, as well as information about resources in their community that can enable a healthier lifestyle. There are cooking and gardening demonstrations that teach about healthy, affordable, and sustainable food. The Healthy Kids Zone includes obstacle courses and exercise classes to promote physical activity.

The Milwaukee Brewers will be hosting a mini baseball clinic for kids. Fry's/Kroger is providing apples for all attendees for the famous Apple Crunch. Vitalyst Health Foundation is contributing sponsor dollars and several partners, including Cartwright School District, Valley of the Sun United Way, University of Arizona Cooperative Extension, Grand Canyon University, Maricopa County Food System Coalition, Green on Purpose and staff from Public Works, Neighborhood Services, Parks and Recreation, Office of Sustainability, and Fire Departments serve on the event planning committee.

**Contract Term**
The term of the Memorandum of Understanding is one year from execution.

**Financial Impact**
The Junior League of Phoenix is contributing $11,900 solely for Food Day expenses as agreed upon in the Memorandum of Understanding. It is expected that the total amount received will be spent.

**Public Outreach**
Public outreach for the event includes notifications through PHX at Your Service newsletter; Neighborhood Services newsletter, social media, website, flyers at community and recreation centers. Partners provide outreach through their networks, including notifications to students and parents within the school district. Funds are also allocated for paid advertising.

**Responsible Department**
This item is submitted by Deputy City Manager Karen Peters and the Office of Environmental Programs.
Apprenticeship Agreements with State of Arizona

Staff requests the Transportation, Infrastructure and Innovation (TII) Subcommittee recommend City Council approval to enter into apprenticeship agreements with the State of Arizona for the Gardener Apprenticeship Program, Solid Waste Equipment Operator (SWEO) Apprenticeship Program, and the Street Maintenance Worker Apprenticeship Program. Staff further requests the TII Subcommittee recommend City Council authorize the City Manager to create a full-time equivalent coordinator position (Administrative Assistant II, Job Code 06040, Grade 035) to oversee and coordinate the City's Apprenticeship Programs.

THIS ITEM IS FOR DISCUSSION AND POSSIBLE ACTION.

Summary
Attracting and retaining qualified individuals for the Gardener, SWEO, and Street Maintenance Worker classifications has been a challenge for the Parks and Recreation, Public Works, and Street Transportation departments.

During the 2016 labor negotiations, the City and Laborers’ International Union of North America (LIUNA) Local 777 worked collaboratively to establish a pilot apprenticeship program for the SWEO classification for the City Council-approved three-year Memorandum of Understanding (MOU). During the past two years of the pilot programs, several apprentices have successfully completed the program and learned the principles of safe work practices, excellent customer service, and efficient procedures.

During the 2019 labor negotiations, the City and Laborers’ International Union of North America (LIUNA) Local 777 added the Street Maintenance Worker Apprenticeship Program. As specified in 2019-2021 LIUNA, Local 777, Unit I MOU, each official apprenticeship program will be designed to produce highly qualified and well-trained workers who have solid knowledge, as well as specific technical job skills, for occupations in the skills trades and crafts of each classification listed above. Those who have successfully completed the program will be awarded a Certificate of Completion of Apprenticeship.
The Apprenticeship Program Coordinator position will be responsible for working collaboratively with departments, the apprenticeship committees, and Laborers International Union of North America (LIUNA) Local 777 to ensure the program's success. These duties include serving as the three committees' secretary, coordinating recruitment efforts, and maintaining detailed reports as required by the State's apprenticeship regulations.

**Financial Impact**
The apprenticeship programs will be jointly funded by the Parks and Recreation, Public Works, and Street Transportation departments.

**Responsible Department**
This item is submitted by Acting Deputy City Manager Toni Maccarone and the Human Resources Department.
Transportation, Infrastructure and Innovation

City Council Report

Water Services Department Capital Improvement Program Website

This report provides the Transportation, Infrastructure and Innovation Subcommittee (TI&I) an update on the Water Services Department’s (WSD) Capital Improvement Program Website.

THIS ITEM IS FOR INFORMATION AND DISCUSSION.

Summary
On Jan. 9, 2019, the Phoenix City Council directed WSD to develop a website to highlight all active water and wastewater capital improvement infrastructure projects. This project was initially presented to the Water, Wastewater, Infrastructure and Sustainability (WWIS) Subcommittee on Feb. 6, 2019.

The goal of the website is to raise public awareness of our critical water and wastewater infrastructure improvements and to maintain trust and financial accountability with our customers. Our customers will have access to active water and wastewater improvement projects, budgets, schedules, traffic restrictions and city council district location. The website also offers a variety of tools to help our customers easily navigate the website and find valuable information. Some of the features include language translation, water conservation tips, how to find and fix leaks, as well as educational resources focused on water and wastewater.

A “soft” Go Live for the website is scheduled for Monday, Sept. 9, 2019. Once testing is complete, the WSD will send notices to our customers through their water bill, and promote the website through social media platforms, neighborhood organizations, internal city departments, council district offices, and events.

Concurrence/Previous Council Action

Responsible Department
This item is submitted by Deputy City Manager Karen Peters and the Water Services
Pedestrian Safety Update

This report provides the Transportation, Infrastructure and Innovation Subcommittee with an update on the Street Transportation Department Office of Pedestrian Safety activities.

THIS ITEM IS FOR INFORMATION AND DISCUSSION.

Summary
Preliminary numbers from the Arizona Department of Transportation (ADOT) show the city of Phoenix experienced 112 pedestrian fatalities on its roads in 2018. These preliminary numbers represent a dramatic increase of 67 percent over the last five years and more than 200 percent over the last 10 years.

However, so far in 2019 Phoenix has seen a decrease in pedestrian fatalities compared to a year ago. For the first six months of 2019, the Phoenix Police Department Vehicular Homicide Unit (VHU) reported fatalities show a reduction to 37 fatalities from 49 fatalities in 2018, a 24 percent decrease in pedestrian fatalities.

The Office of Pedestrian Safety has continued to seek funding for pedestrian related grant opportunities, providing increased educational outreach to neighborhood groups and residents, collecting data on our existing pedestrian safety infrastructure, increasing collaboration with outside agencies, and prioritizing capital improvement projects with an emphasis on pedestrian safety. The Office of Pedestrian Safety leads and participates in the interdepartmental staff Pedestrian Safety Task Force, created by the City Manager's Office in April 2018. The Pedestrian Safety Task Force includes representatives of the Street Transportation and Police Departments, the Communications Office, and the City Manager's Office.

The Office of Pedestrian Safety utilizes the four "E"s of traffic safety to enhance pedestrian safety in Phoenix: Evaluation, Engineering, Enforcement and Education. The following items provide an overview of the activities undertaken by the Office of Pedestrian Safety to date.

Evaluation
A collaborative review team that includes the City Manager's Office, Police Department Vehicular Homicide and Motor Enforcement Units, and the Street Transportation Department has been evaluating pedestrian fatalities occurring on Phoenix streets. The review team meets at least monthly to evaluate the circumstances and location of each pedestrian fatality to analyze potential actions to help prevent future collisions at these specific locations.

As part of our evaluation efforts, the Street Transportation Department has partnered with the Design Studio for Community Solutions at Arizona State University (ASU). This partnership aims to create a multi-pronged, interdisciplinary, and solutions-oriented engagement between both institutions on the issue of curtailing pedestrian fatalities and serious injuries in the City of Phoenix. This collaboration will involve a variety of expert researchers from ASU who will conduct statistical and spatial analyses of collision data, land use design issues in pedestrian collision hotspot areas, and other available information to provide relevant mitigation strategies for pedestrian collisions.

**Engineering**

In May 2019, the City activated its 50th HAWK. Citywide data shows that activation of HAWK signals in the City have increased significantly each year, especially recently.

In June 2019, the Street Transportation Department submitted a grant application for the Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grant program from the US Department of Transportation. The application was created to improve infrastructure conditions along 35th Avenue from I-10 to Camelback Road. The proposed project will use grant funds leveraged with local funds to implement improvements that target existing pedestrian and vehicular safety concerns along this portion of 35th Avenue. If awarded, the 35th Avenue corridor grant will be a comprehensive infrastructure improvement project that will transform the corridor into a safe and efficient route for students and commuters. The US Department of Transportation must award BUILD grants by Nov. 12, 2019. The submitted application aims to prioritize pedestrian safety by applying for funds to incorporate the following measures to improve pedestrian safety:

- Mid-block HAWK Signals.
- Additional street lighting on the west side of 35th Avenue.
- Center medians.
- Full intersection rebuilds of traffic signals.
- Fiber optic cableline installation to increase preparedness for future technologies that would optimize traffic signal timing to alleviate traffic congestion.
In order to mitigate roadway hazards that may lead to unsafe conditions, the Street Transportation Department’s new Right of Way Specialists will proactively address traffic safety issues and conduct night time inspections citywide to address street light outages, with special emphasis being placed on pedestrian collision hotspot areas.

Education
In recent months, the Office of Pedestrian Safety has attended four community meetings to provide education and outreach to internal and external stakeholders; providing information and safety tips, and addressing community concerns.

In July 2019, the Office of Pedestrian Safety provided 12 presentations to approximately 400 Street Transportation employees working in our City's right-of-way to increase awareness of pedestrian safety concerns.

The Office of Pedestrian Safety continues to work with the approximately 500 schools in the Phoenix area to increase awareness of pedestrian safety issues. Between Sept. 23 thru Nov. 1, 2019, the Safe Routes to School Coordinator will work with the Police Department and approximately 30 schools in Phoenix to host "Walk to School Day" events, which occur annually and many schools take part in. The Street Transportation Department is heavily involved in the planning efforts for these events and will use this year's events to provide information to school-age children on the importance of being safe in and around Phoenix's streets.

The partnership between the City of Phoenix and ASU will include a pilot program for community engagement and outreach in specific neighborhoods where pedestrian collision hotspot areas exist. The Design Studio for Community Solutions at ASU, will specialize in community-generated problem solving, will assist the City of Phoenix in partnering with a variety of community organizations in the Maryvale area to develop effective public messages and campaign strategies that truly resonate with the public. ASU will also assist the City of Phoenix in gathering and collecting feedback and input that leads to a variety of effective messaging strategies that can be expanded citywide. Potential community partners for the portion of the work include school districts, youth groups, block watches, hospitals, and public health organizations.

In May 2019, the Street Transportation Department received a grant from the Governor's Office of Highway Safety to create and print 10,000 copies of a Pedestrian Safety Activity Book for children in grades three to six. The book features engaging activities that teach children about the importance of walking safety. Street Transportation Department staff has been working with designers from the City's Printing and Design Shop to create the book's content. The activity book will also be
translated into Spanish and an additional 10,000 copies printed. The activity book will be ready at the end of September 2019 and distribution will be prioritized to schools within the City's pedestrian collision hotspot areas.

Enforcement
For the 2018-2019 fiscal year, the Police Department received $80,000 from the Governor's Office of Highway Safety to conduct pedestrian and bicycle safety education and enforcement. The Governor's Office of Highway Safety indicated that they will not award pedestrian and bicycle safety education and enforcement to Phoenix for the 2019-2020 fiscal year.

Pedestrian Safety Funding
To address the increase in pedestrian fatalities throughout the City of Phoenix, City Council authorized the Street Transportation Department to allocate $2 million in ongoing, annual Capital Improvement Project (CIP) funding to the Office of Pedestrian Safety to continue to implement pedestrian improvements. Fiscal year 2019-2020 is the first year that these funds will be used. The funds are proposed to be allocated to the following areas (Attachment A: Office of Pedestrian Safety Budget):

- Improve pedestrian visibility by adding street lights on both sides of street where only side lighting exists.
- Address gaps in street lighting by adding single street lights at existing crosswalks or in roadway segments.
- Add four HAWK signals at high pedestrian activity and/or collision locations.
- Installation of raised medians at arterial hot spot locations with the highest pedestrian activity.
- Fund research through Arizona State University to analyze the variety of factors leading to the increasing pedestrian collision in Phoenix.
- Leverage a $15,000 grant from the Governor's Office of Highway Safety to create and print Pedestrian Safety Activity Book for children in grades three to six in English and Spanish.
- Purchase a variety of safety related and age appropriate items to conduct educational outreach to schools.
- Upgrade all mid-block, unsignalized arterial and select collector road crosswalks to high-visibility crosswalk standards.

Responsible Department
This item is submitted by Deputy City Manager Mario Paniagua and the Street Transportation Department.
Attachment A
Recommended Pedestrian Safety Improvements

Engineering

Street Lighting half mile, single sided segment, $250,000
In 2018, 84 percent of pedestrian fatalities in Phoenix occurred during the dark hours of the day. The Office of Pedestrian Safety is recommending to install street lighting along 27th Ave from Bethany Home to Maryland. In the last 5 years there has been a total of 5 pedestrian fatalities and 6 incapacitating injuries that have occurred during the night at this location.

Street Lighting, single lights, $100,000
The Traffic Services Division often receives requests for crosswalks that cannot be installed until the appropriate lighting is in place. These single street lights can help make future crosswalks safer and can add additional illumination at problematic locations.

HAWKs, $600,000
HAWKs significantly reduce pedestrian collisions. The Traffic Services Division evaluates each request for HAWK signals and prioritizes pedestrian signal installations following national traffic safety standards in locations where significant pedestrian crossings occur and safety concerns exist based on pedestrian collision data. For fiscal year 2019-2020 the Office of Pedestrian Safety is proposing the installation of 4 HAWKs. This is in addition to the HAWKs installed through the resident request process.

Medians, $150,000
The installation of raised medians allows pedestrians to cross one direction of traffic at the time. The Office of Pedestrian Safety is proposing the installation of three, 25 feet long medians at arterial hot spot locations with the highest pedestrian activity.

Crosswalk Upgrades, $660,000
The Office of Pedestrian Safety will upgrade and standardize 31 mid-block, unsignalized arterial road crosswalks and 24 collector road crosswalks throughout the city. These upgrades include pedestrian warning signs, supplemental warning plaques, installation of high-visibility crosswalks and installation of ADA ramps if the existing ramps are missing or damaged.

Evaluation

Arizona State University Research, up to $50,000
Arizona State University would like to fund research students to conduct data analysis on the variety of factors leading to the increase in pedestrian collisions in Phoenix.
**Evaluation**

**Pedestrian Safety Activity Book Design and Printing, $25,000**
In May 2019, the Street Transportation Department received a $15,000 grant from the Governor’s Office of Highway Safety to create and print a Pedestrian Safety Activity Book for children in grades 3 to 6. The Office of Pedestrian Safety would like to translate and print the book in Spanish as well. The $25,000 will cover a portion of the printing of 10,000, 22-page books in English and an additional 10,000 books in Spanish.

**Pedestrian Safety Promotional Items, $50,000**
The Office of Pedestrian Safety will purchase a variety of safety related and age appropriate items to conduct outreach to schools. Examples of these items include reflective gear, flashing lights, or backpacks that can be worn to increase visibility when walking. In addition to these items, through school outreach, the Office of Pedestrian Safety will conduct contests and offer prizes that would be funded with this money allocation.

**Additional Pedestrian Safety Funding for Unanticipated Needs, $115,000**
This amount of funds will be initially set aside to address additional pedestrian safety needs that will likely come up during the fiscal year.