



City of Bowie

Memorandum

Thursday, October 13, 2022
Alfred D. Lott, ICMA-CM, CPM,
City Manager

STATUS REPORT

1. Bowie Restaurant Reimbursement Grant Update

Two restaurant grantees, Charley's Cheesesteaks in Bowie Town Center and Tropical Smoothie Café in Bowie Marketplace, have completed the agreed upon purchases and are receiving final payment checks of \$2500 from the city.

One restaurant grantee, Old Bowie Town Grille, has completed some of the agreed upon purchases and has received a partial reimbursement of \$1858. They are working through supply chain issues to complete the remainder of the purchase covered under their grant agreement with the City.

A total of 7 grantees are in the reimbursement grant program; each reimbursement grant agreement is for a maximum of \$2500. The other 4 grantees are: Ichiban Sushi in Shoppes at Bowie Town Center, Party HQ in Bowie Town Center, Ruby's Southern Kitchen in West Bowie Village, and Wing Zone in Shoppes at Highbridge.

2. Sustainable MD Certified 2022 Renewal

Our 2022 application for recertification under the Sustainable Maryland Certified (SMC) program has been accepted. The City received a total of 500 points for 43 actions, spanning 10 different sustainability-related categories, moving us up from a bronze to a silver classification. City staff, along with Councilmember Harrison, and the Chair of the Green Team Executive Committee attended the MML award ceremony on Tuesday of this week. As a reminder, SMC renewal occurs every 3 years and this is the City's fourth renewal.

3. Economic Development Committee (EDC)

The Bowie EDC met Wednesday. It did not have a quorum. The Bowie IT Committee Chair, John Eidsness, gave a presentation on 'Digital Infrastructure for Bowie'. At the request of Councilmember Gardner, Chair Roud offered representatives of Friendship Aspire Academy time to brief the EDC on their interest in establishing a public charter school in Bowie. Friendship Aspire is considering the Randonstone Lane location of a former Montessori School. EDC discussion on Old Town Bowie revitalization was deferred to a future meeting. Slides from both presentations are attached.

4. Stream Cleanup This Saturday

Saturday, October 15, 2022, from 9am to noon is the City's fall stream cleanup. Once again, the clean-up is open to community and common areas. We will have groups working at several dedicated locations, including behind Tasker

Middle School. Residents and Councilmembers are invited to join us at the site of our recently completed stream restoration project along Saddlebrook Branch. Participants should meet at 9am at the intersection of Rockledge Drive & Round Tree Lane. All cleanup supplies are provided, and staff will be on site to answer any questions about this first-of-its-kind restoration for the City.

5. Bowie Marketplace Stakeholders Meeting

On Wednesday, October 12th, City staff conducted a virtual Stakeholders Meeting for Detailed Site Plan DET-2022-018 for Bowie Marketplace. Berman Enterprises is seeking approval of a new proposal to build a multi-story consolidated storage facility and car wash on the vacant five acres behind the retail shopping center. The site is the location of the previously approved 225-unit, multi-family apartment project. The new plan includes a 275,100 square foot consolidated storage building complex consisting of two phases - a 132,300 square foot, three-story building (Phase 1) and a 142,800 square foot, four-story building (Phase 2). In addition, a 4,575 square foot car wash building is proposed along Superior Lane. Over 50 participants attended. Some of topics covered by Stakeholder questions included: the size and height of the proposed consolidated storage building, elimination of existing parking near the Chaney Tire and Auto store and Bowie Community Center, possible impacts on Acorn Hill Park (there are none), compatibility with adjacent residential single-family homes, the impacts of site lighting, security at the storage facility, the color scheme used on the car wash building, access to the storage building and traffic and circulation (especially around the proposed car wash). A video of the Stakeholders Meeting will be posted on the City's YouTube channel and the project webpage. City public hearings on the DSP are scheduled for December 6th at the Bowie Advisory Planning Board and January 3rd at City Council. The County Planning Board hearing is expected to occur in early 2023.



HELPING COMMUNITIES INVEST TODAY FOR A MORE LIVABLE TOMORROW

October 11, 2022

Mayor Tim Adams
City of Bowie
15901 Fred Robinson Way
Bowie, MD 20716

Dear Mayor Adams,

We are thrilled to inform you that the City of Bowie's application for Sustainable Maryland recertification has been approved.

The City of Bowie accumulated **500 points** and completed the required mandatory and priority actions necessary for Silver certification. Bowie's priority actions consisted of supporting a community garden, transitioning to renewable energy, upholding a green purchasing policy, maintaining a stormwater management program, and initiating a complete streets program. Bowie should be extremely proud of its efforts and position at the forefront of sustainability in Maryland.

Warmest regards,

A handwritten signature in black ink that reads "Jennifer Cotting".

Jennifer Cotting
Director
Environmental Finance Center at the University of Maryland
Home of the Sustainable Maryland program
www.sustainablemaryland.com

Digital Infrastructure for Bowie

Presentation to the City of Bowie Economic Development Committee

October 12, 2022

John Eidsness

Chair, City of Bowie Information Technology Committee

JoAnn Marshall-Hobbs

Vice Chair

Richard Bleach

Secretary

Committee Members

City of Bowie Information Technology

- Owner of an Information Technology Company for Local Government Customers
- IT Specialist for the Department of Homeland Security
- Former CIO in the Department of Defense
- Former Federal Program Executive for a Telecommunications Company
- Network Engineer for the United States Congress
- Rosann Ndebumadu Council Liaison

City of Bowie MD

Council Ordinances and Resolutions

City of Bowie Dig Once Guidelines

- Ordinance O-2-1

City Development Plan

- The Economic Prosperity Section addresses Smart Technology

Smart Technology Resolution R-9-21

- Smart Technology Solutions for Residents and City Operations
- Address the Digital Divide

City of Bowie Small Wireless Facilities Design Guidelines, April 2019

All City Residents and Businesses Benefit from Access to Multiple Data Carriers

- As sound development or redevelopment is considered the City should recommend private developers assure residents and businesses have choices of current or future data providers.
- Residents and businesses should take advantage of the City's Dig Once policy and assure that pre-installed spare facilities are available from the public right away, across private property, into each building, and assure that more than one Internet provider would be economically available to tenants.
- This is in conformance with the City's resolutions on eliminating the digital divide.

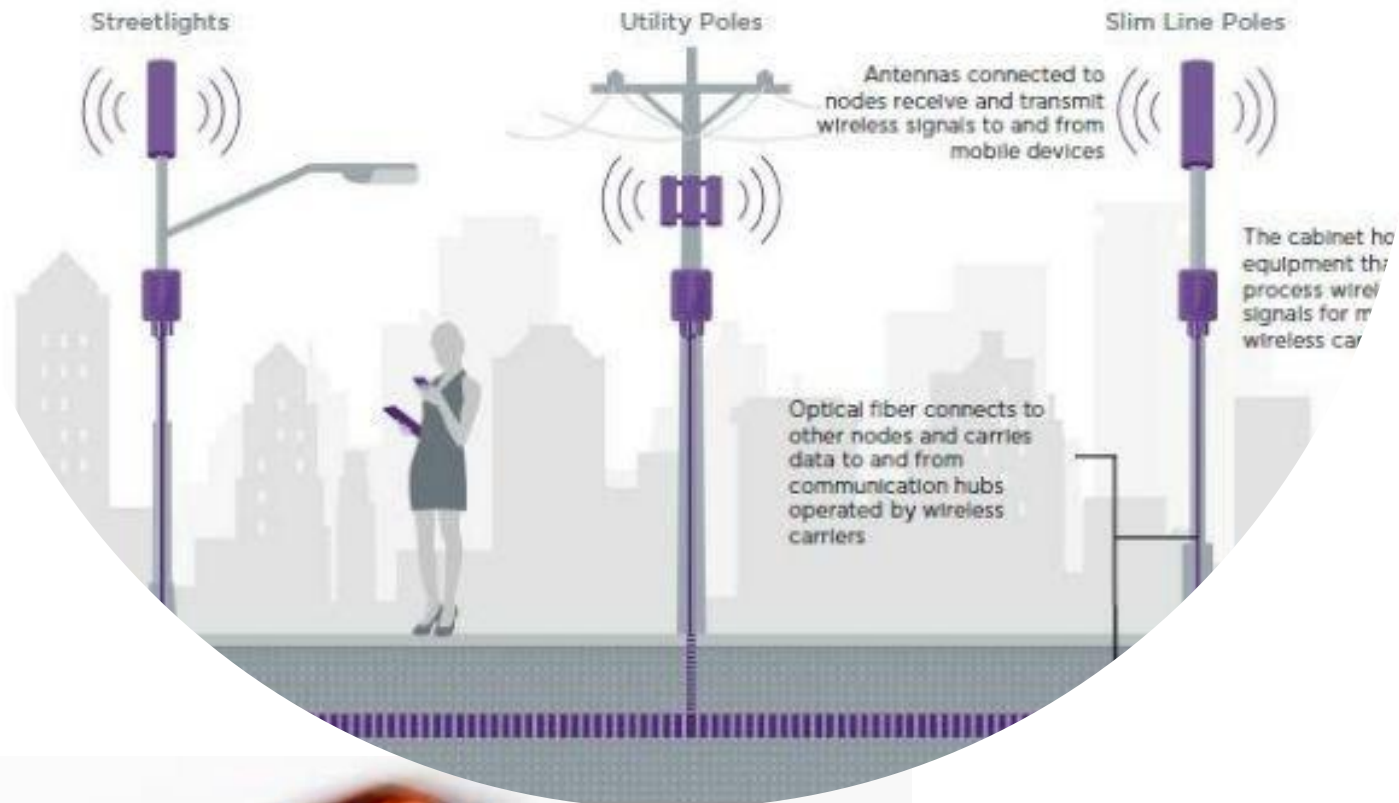
The last mile of digital access should not be a defacto monopoly, nor should it be ugly

Dig Once

- One Trench With Spare Conduits For Future Use
- Prevent First Provider Capture
- No Choice in Competitive Service is a Digital Divide

Small Wireless Facilities Design

- Demand for Antennas on Rooftops and Street lights is growing
- Bowie's Streets and Buildings Should Retain Their Character



•DIG ONCE ... Pre-Install Spare Paths for Future Technology

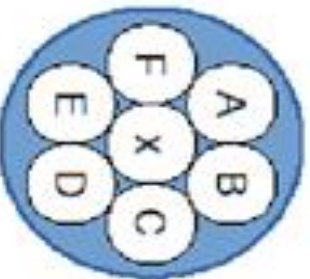
•**DIG ONCE** with Multi-Cell Conduit wherever feasible – The first installation places multi-cell conduit with spare duct available for later installations.

- Eliminate excavation for future installation
- Eliminate first provider site capture

•Spare duct management is common practice for telecom companies and has been adapted for private property easements and maintenance requirements

- See: Ocean City Boardwalk

Dig Once Duct Illustration



1.7' Duct
7 0.5" inner ducts
6 working
1 mandatory spare



1.2 x 1.7' Duct
6 0.5" inner ducts
5 working
1 mandatory spare

Dig Once - Concept of Operations.

Ideally a 7 cell conduit is laid at the same time as other buried utilities but can be laid at any time by the right of way owner or the first telecom installer for any new fiber optic construction.

If a telecom company (A) installs the multicell duct its agreement with the ROW owner must permit other carriers to use vacant cells for reasonable fees. Joint use agreements or regulations should be in place before the conduit is laid. This should apply to the right of way and the entrance to multi-tenant properties.

Companies B, C, D, E, F place their fibers in other cells according to rental or lease agreement. No new conduit dig is required. Company A is reimbursed for its capital. The right of way owner is compensated according to right of way agreements. If company B needs to construct a leg off of the original conduit or perform maintenance it must conform to the original agreement and retain spare cells for other telecoms.

A 0.5" inner duct can hold 48 or more fibers.

Cell x remains empty as a spare for maintenance agreements among the ROW owner and other Telecoms.

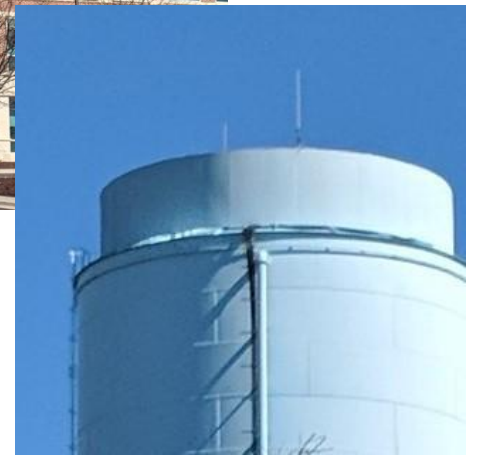
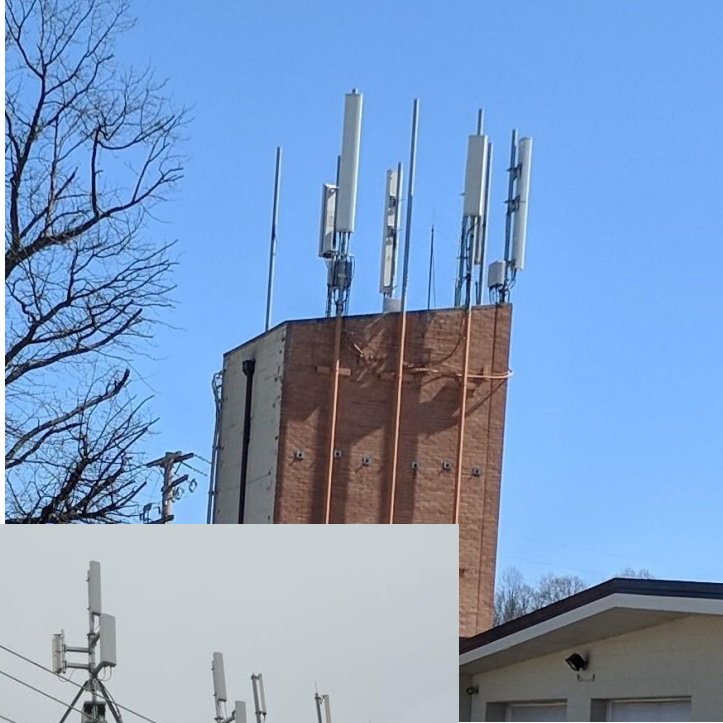
Other duct sizes and architectures are available.



Data Technologies Will Change For Owners and Tenants

- Taller buildings are attractive for antenna installation
- Vertical shared conduit design should benefit adoption of future technologies
- Dig Once principles are beneficial for private developers
- New technologies need not require new excavation
- “How are you planning to accommodate antennas on your roof?”

Roof Lines Can Be Ugly or Maintain Original Character



Streetlights and Power Poles Will Also Acquire Antennas

"Small Cells"



Without collaborative City input:
"Small Cell" at
4471 Moraga Ave
Oakland →
*(bulky boxes, tacky bundles of wiring below unpainted antennas and noisy cooling fans)**

← **With collaborative City input:**
Verizon at 1367 Jones Street
in San Francisco
(unobtrusive and noiseless)
320 built; another 200 expected for other carriers



Examples of small cell wireless installations in California. I prefer the example on the left for Maryland.

<https://medium.com/@omarmasry/part-2-example-photos-of-the-good-the-bad-and-the-downright-ugly-ea483f83fe7>

Questions?



Friendship Aspire Academy PCS Bowie Metropolitan Area Economic Development Council Presentation

EVERYONE GROWS WITH FRIENDSHIP

friendshipaspire.org
Friendshipusa.org
friendshipschools.org

ABOUT FRIENDSHIP

We are Friendship Aspire Academy Public Charter school apart of one of the nation's top charter systems. Our parent organization, Friendship Public Charter Schools (DC), has a 100% graduation rate borne of a rigorous curriculum, exemplary instruction, resource-rich forums and a total commitment to student achievement. The Friendship Academy STEM School will be a natural extension of these achievements.

Our Mission:

The mission of all our schools is to provide a world-class education that motivates students to achieve high academic standards, enjoy learning and develop as ethical, literate, well-rounded and self-sufficient citizens. Friendship Aspire Academy seeks to fulfill this mission by providing students a high quality, liberal arts education focused on preparing students with the academic and life skills needed to be successful in college and beyond.





A Message From Our Founder

"Simply put, we will create high performing public charter schools that move all students to grade level mastery regardless of socioeconomic status, prior achievement, or educational needs. Our motto is, 'Everyone Grows with Friendship.' This is the inspired mission that we will maintain in Maryland.

These are not just words but a solemn promise we have made to the children and families in the Bowie Metropolitan Area."

Donald L. Hense



Our Experience:

- Founded 1997
- 26 years experience operating high-performing k-12 schools
- 6,500 students educated each day (before/after/summer program)
- 22 schools
- Operates variety of school designs (STEM, Pre-K Reggio Emilia, International Baccalaureate (IB), college prep, advance college, online school, single gender boys & girls academies, ESL, and a school for Dyslexia)
- Employs over 1,300 teachers, school administrators and support staff
- Operated Open Enrollment PCSs and contract ISD schools nationally in the **District of Columbia** (NW/SE/NE DC), **Maryland** (Baltimore City and County), **Arkansas** (Little Rock, Pine Bluff and Maumelle Central Arkansas), and **Louisiana** (Baton Rouge)

THE BOWIE SCHOOL



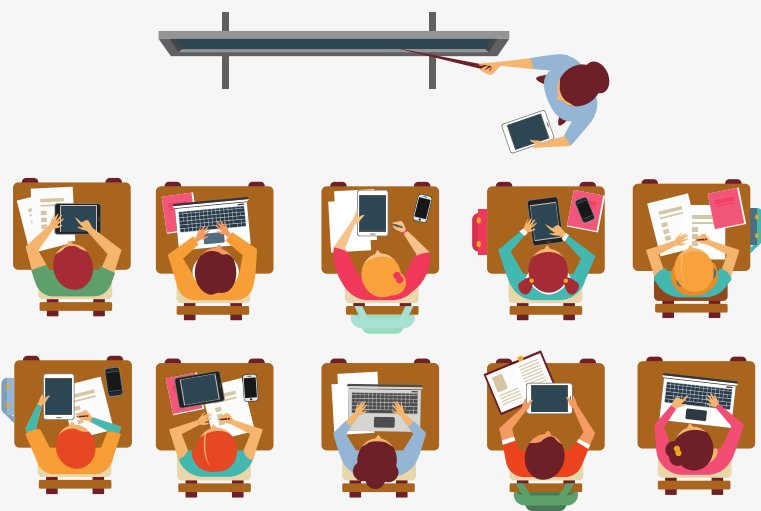
School Design

Science, Technology, Engineering, Arts
and Math School (STEM) in a Project
based environment



Grades

Starting with K-1 grade in Year 01, then
growing one grade level each year until
we reach 5th grade



Enrollment

Small school design with max
enrollment at 5th grade will be
480 students



Why is STEM and Project Based Learning Important?

- STEM education nurtures students' curiosity and helps them develop creativity, problem-solving, and critical thinking skills. This education method emphasizes how students learn and what they are learning. This project-based way of teaching and learning allows students to understand and appreciate the relevance of their work and the world around them.
- When implementing PBL in STEM, students face authentic and motivating problems requiring them to answer complex questions and develop successful skills (Lara and Quesada, 2019) needed in the professional world within their community.
- Project-based learning (PBL) in STEM allows new modalities of work practices, focusing the teaching process on learning, allowing students to have greater control of the time and pace of study, and allowing them to create individualized learning adjusted to their needs (Cruz, 2019).
- PBL accentuates the student's ownership of learning, provides a purposeful collaborative structure to learning together, uses authentic problems of practice using STEM, enhances engagement in and acquisition of learning goals, and improves cognitive and affective outcomes (Bosica et al., 2021).
- Most importantly, PBL can help good students show increases in knowledge, but it can also help students who have struggled with failing skills (Bakerman and Plotke, 2018).

Economic Development Impact of a Friendship School for Bowie Metro Area?

- Intend to be a land holder and property owner (permanent education partner)
- Prepared to make an estimated \$8 to \$10 million dollar investment in building a new school or renovating a former school or commercial building in the City of Bowie (exploring former Montessori school or vacant Sears Department Store space)
- Will create 100+ new jobs in teaching positions and professional administrative positions
- Work to address teacher shortage by encourage teachers teaching in the District, Virginia, or other neighboring counties to teach in Bowie where many reside
- School will support local businesses that support schools such as, cleaning business, school bus transportation, food service companies, and local landscape
- We will also contract with education consultants and professional services companies to provide services such as mental health, speech, special education, occupation therapy, etc.

Thank you for Supporting FRIENDSHIP SCHOOLS



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