

REGULAR MEETING May 3, 2016: The Regular Meeting of the Common Council of the City of Morgantown was held in the Council Chambers of City Hall on Tuesday, May 3, 2016 at 7:00 p.m.

PRESENT: City Manager Jeff Mikorski, City Clerk Linda Tucker, Assistant City Manager Glen Kelly, Mayor Marti Shamberger and Council Members: Ron Bane, Deputy Mayor Bill Kawecki, Wes Nugent, Jenny Selin, Jay Redmond, and Nancy Ganz. City Attorney Ryan Simonton Absent

The meeting was called to order by Mayor Shamberger.

APPROVAL OF MINUTES: The following minutes were approved by acclamation: Special Meetings March 15, 2016, April 19, 2016 and April 26, 2016, Regular Meetings April 5, 2016 and April 19, 2016.

CORRESPONDENCE: Mayor Shamberger presented a proclamation to Police Chief Ed Preston urging all citizens to honor fallen officers and recognized the members of the Morgantown Police Department and Law Enforcement Community. She proclaimed Sunday, May 15, 2016 as Law Enforcement Memorial Day, and Chief Preston announced that there would be a wreath laying ceremony on the 18th of May at the Public Safety Building. Mayor Shamberger read a proclamation celebrating Building Safety Month in the City and asked citizens to consider projects to improve building safety and sustainability. Mayor Shamberger presented a proclamation to City Clerk Linda Tucker in recognition of the week of May 1st as Municipal Clerk Week for her dedication and exemplary work.

PUBLIC HEARING - NONE

UNFINISHED BUSINESS:

BOARDS AND COMMISSIONS: Council by acclamation approved the following appointments: Katherine Hanko to Historic Landmarks Commission, Barry Dixon to ICC Board of Appeals and Josh White to Morgantown Housing. After discussion, City Clerk Linda Tucker informed Council that there would be a Special Meeting at 6 p.m. to interview Boards and Commission candidates before the Regular Meeting.

PUBLIC PORTION:

Mayor Shamberger declared the Public Portion open.

There being no appearances, Mayor Shamberger declared the Public Portion closed.

SPECIAL COMMITTEE REPORTS: Deputy Mayor Kawecki presented a photo (**Exhibit A**) as a suggestion from the Historic Landmarks Commission for a Street Sign that would illuminate the idea of the Coca-Cola mural on High Street. He noted that the sign that is on the building now looks more like advertising than like a refurbished sign. City Manager, Jeff Mikorski commented that the cost for the sign would be different based on whether it is historical or not. He stated he would report to Council with options for the sign. He updated Council on Indian Park in Suncrest that a Historical plaque application is being submitted to the State. He reported the Commission is working on WPA Walls report for downtown, Sunnyside District, Suncrest and many other projects coming forth. Mayor Shamberger requested information on the survey of the Woodburn Area. Deputy Mayor Kawecki stated that the survey was completed on the Woodburn Area and he will send a copy to the Mayor after the meeting.

NEW BUSINESS:

AN ORDINANCE AMENDING ARTICLE 145, 1387.01 & 02: The below entitled Ordinance

was presented for first reading.

AN ORDINANCE AMENDING ARTICLE 145 AND SECTIONS 1387.01 AND 1387.02 OF THE CITY CODE RELATING TO THE MORGANTOWN PLANNING COMMISSION.

City Manager explained amendment. After discussion, motion by Selin, second by Ganz, to table above entitled ordinance. Motion carried 7-0.

AN ORDINANCE ANNULING A PORTION OF FIFTH STREET IN THE FOURTH WARD: The below entitled Ordinance was presented for first reading.

AN ORDINANCE VACATING, ABANDONING, AND ANNULING A PORTION OF FIFTH STREET MEASURING APPROXIMATELY FORTY (40) FEET IN WIDTH AND APPROXIMATELY ONE HUNDRED FEET IN LENGTH LOCATED AND SITUATE IN THE FOURTH WARD OF THE CITY OF MORGANTOWN, MONONGALIA COUNTY, WEST VIRGINIA.

After discussion, motion by Nugent, second by Redmond, to pass the above entitled ordinance to second reading. Motion carried (6-1) (Councilor Ganz voted no)

AN ORDINANCE AUTHORIZING A LEASE WITH M.T. POCKETS: The below entitled Ordinance was presented for first reading.

AN ORDINANCE AUTHORIZING A LEASE AGREEMENT WITH M.T. POCKETS THEATRE, INC. FOR SPACE AT THE WOODBURN SCHOOL SITE.

City Manager explained lease. Motion by Kawecky, second Selin, to pass the above entitled ordinance to second reading. Motion carried 7-0.

AN ORDINANCE DESIGNATING A STREET IN THIRD WARD AS JUNCTION STREET: The below entitled Ordinance was presented for first reading.

AN ORDINANCE DESIGNATING A STREET IN THIRD WARD AS JUNCTION STREET.

City Manager explained. After discussion, motion by Nugent, second by Ganz, to pass the above entitled ordinance to second reading. Motion carried 7-0.

A RESOLUTION APPROVING AND AUTHORIZING TO SUBMIT TO THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD) THE 2016 COMMUNITY DEVELOPMENT BLOCK GRANT ACTION PLAN: The above entitled Resolution was presented for Council's approval.

City Manager explained. After discussion, motion by Ganz, second by Selin, to approve the above stated Resolution. Motion carried 7-0.

CITY MANAGERS REPORT:

New Business:

1. **Bid for Hot Laid Bituminous Asphalt**

City Manager Jeff Mikorski explained the memo from Damien Davis, City Engineer and

Public Works Director. In order to begin the City Street paving program this year, the City advertised for the purchase of Hot Laid Bituminous Asphalt. We received one bidder, Greer Industries, for an amount of \$792,800.00 for 12, 200 tons of asphalt. Council suspended the rules to ask questions about bid to Damien Davis. City Manager, Jeff Mikorski agreed with the City Engineer's recommendation of awarding the asphalt contract to Greer Industries for \$792,800.00.

Motion by Ganz, second by Nugent to award the bid for purchase of Asphalt to Greer Industries for \$792,800.00. Motion carried 7-0.

Information:

1. 2016 Deer Count and Five-Year Summary

City Manager Jeff Mikorski explained the 2016 thermal infrared whitetail deer survey (**Exhibit B**) The results show that the five years of Urban Archery Hunts have reduced the number and groups of deer in Morgantown.

Year	Number of Deer	Deer Groups
2011	689	296
2016	264	98

Mr. Mikorski explained a five-year summary on the Urban Deer Archery Hunt prepared by Rick Bebout, Volunteer Coordinator. The annual hunts have been successfully safe while removing 527 deer from the City and donating 5,542 pounds of venison to local shelters. He noted that he appreciates the work that Mr. Bebout has achieved and looks forward to working with him to examine the results of the study and modify the upcoming hunts.

REPORT FROM CITY CLERK: City Clerk Linda Tucker announced that the deadline for accepting applications for the Police test on May 21, 2016 has been extended until May 6, 2016.

REPORT FROM CITY ATTORNEY: Absent.

REPORT FROM COUNCIL MEMBERS:

Councilor Bane:

Councilor Bane urged all citizens to vote on May 10th. He stated that this is not a time to be apathetic, the Transit Authority needs help, so please vote.

Deputy Mayor Kawecki:

Deputy Mayor Kawecki stated that it is important to vote and noted the Levies are a quality of life issue. He agrees with Councilor Ganz, Nugent, and the connectability approach and that the City needs to set a standard that is consistent with anything it does.

Councilor Nugent:

Councilor Nugent mentioned to the City Manager, Jeff Mikorski about the construction at the Public Safety

Building the signage and safety. He noted that the sign entering the City is still defaced and asked the City Manager, Jeff Mikorski for an update. Mr. Mikorski stated that the work on the sign should be done within the month. He mentioned the need of public safety presence at night in downtown. He requested an update on the smooching issue from Mr. Mikorski. He mentioned the University Avenue Corridor study project that there is a possibility they will be closing Falling Run Road, and that is a quality of life issue.

Councilor Selin:

Councilor Selin mentioned when looking at right-of-way and annulments we need to properly identify them. She mentioned the trash buildup at the locks and requested the City Manager Jeff Mikorski speak with the Core of Engineers to get this issue resolved. She stated that the Levies are a quality of life issue and very practically speaking will increase properly values.

Councilor Redmond:

Councilor Redmond noted his support of connectability for the City and he also supports walkability. He asked about the lot on High Street across from Hotel Morgan that the city has liens on the lot and has been empty for a long time. Mr. Mikorski commented that the Main Street Committee tried to purchase the lot for a park property and the owner was not interested in selling. He stated that voting is the most sacred right we have as a democracy; it is important, easy, and go do it.

Councilor Ganz:

Councilor Ganz congratulated WVU Foundation State of Mind campaign for being very close to their billion-dollar goal. She noted that our City budget is 3 percent of their budget; and possibly WVU can work with the City to help fund some of our needs. She thanked citizens that come to the meetings; but wanted to thank Mr. Ornick this evening for he has been to several meetings. She

mentioned that she is pushing for a green space plan when it comes to our corridors in the City. She thanked the Police Chief and Police Officers and urged all citizens to pray for Police Officers on Sunday May 15th, 2016, which is Law Enforcement Memorial Day. She wished WVU graduates well, and hoped their stay was a good experience.

Mayor Shamberger:

Mayor Shamberger wished all mothers Happy Mother's Day. She announced that the Gene Vance Memorial would be held on May 22, 2016 at the Amphitheater at 1:30pm. She made the following community announcements: Bike to School Day, May 4, 2016; Bike to Work Week, May 16-20, 2016; Bike to Work Day, May 20, 2016; Bike Rodeo, May 22, 2016; Twelve Dumpsters will be available during student move-out on May 4&5, 2016; Primary Election, May 10, 2016; Blue and Gold Mine Sale at Mylan Park, May 14th, 2016; M.T. Pockets Theatre will show Secrets and Light on May 21&22, 2016 and Morgantown Farmers Market at the Pavilion on May 7, 2016.

City Manager, Jeff Mikorski updated Council that the Urban Landscape Commission will have a report and Master Plan to Council for their review.

EXECUTIVE SESSION: Motion by Selin, second by Ganz, to go into Executive Session per West Virginia Code Section 6-9A-4(2) (B) (9) in order to discuss transfer of property at the Airport. Present: Council, City Manager, Assistant City Manager and Attorney Shuman. Time 8:44pm

ADJOURNMENT: There being no further business, Council adjourned by unanimous consent at 9:50 p.m.

City Clerk

Mayor

A COMPREHENSIVE DVD IS AVAILABLE OF ALL COUNCIL MEETINGS AT THE MORGANTOWN CITY LIBRARY.

HIGH STREET COCA-COLA MURAL HISTORIC DOWNTOWN MORGANTOWN, WEST VIRGINIA



Above: High Street, circa 1965, looking south. Notice the Plaza Hotel on left.

The original mural in front of you was painted in 1953 by local Coca-Cola employee, John D. "Jack" Courtney, as part of an advertising campaign for Coca-Cola, Comuntzi's restaurants and the Plaza Hotel, which no longer exist in Morgantown.

Opened in 1911 at 368 High Street, the downtown Comuntzi's was a cherished local diner. The Plaza Hotel, as seen in the image to your left, was located in the building on which the mural was painted.

The mural was hidden and forgotten when the Farmers & Merchants Bank building was later erected in the adjoining lot. This "ghost-mural" was rediscovered when the bank building was demolished for new construction in early 2014. Coca-Cola Consolidated generously funded the mural's restoration in the fall of 2015.

As you contemplate this mural, imagine looking down a bustling High Street and seeing many more like it advertising all sorts of products and businesses. Does the street look similar or different today?



Above: High Street, 1967, looking north. Notice Comuntzi's Restaurant.



**Thermal Infrared Imaging White-tailed Deer Survey
City of Morgantown, West Virginia**



Submitted to:

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Submitted by:

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April 2016

Vision Air Research was retrained to conduct an aerial survey for deer survey in the City of Morgantown, WV. The project goal was to provide information on distribution and abundance. The aerial infrared also commonly called forward-looking infrared (FLIR) survey provided deer group locations, and provides a tally of deer observed within each group. The study area encompassed the City of Morgantown which included suburban areas with lawns and ornamental shrubs and trees, golf course and larger areas of eastern deciduous forests with mixed deciduous and conifer forests as well as commercial and municipal buildings and roads and highways.

Methods

The survey was conducted February 18, 2016 between 1900 – 2300 hours. Winds were calm and the relative humidity was favorable for an infrared survey. The survey commenced on the northeast corner and proceeded west to completion. Transects were spaced 800 ft apart and flown at 1,000 ft above ground level. The north / south transects were oriented to minimize airport conflicts. We coordinated with Morgantown airport tower to maximize flight safety.

The sensor look angle was approximately 45° elevation. The sensor was moved to aim and focus as needed. The wide field of view (WFOV) was used to search for the deer while the narrow field of view (NFOV) was used to verify the object, as needed. Portion of the flight along transects were recorded to on onboard computer. The time "stamped" on the video is based on standard aviation time (GMT), not local time. The position is the airplane's GPS position not the location of the subject animals because we are looking in front of the airplane.

We used a forward – looking infrared (FLIR) by PolyTech Kelvin 350 II (Sweden) mounted on the left wing of a Cessna 206 "Stationair". The sensor gimbal allows 330° of azimuth and 90° of elevation allowing us to look in all directions except directly behind the airplane. The infrared sensor installed in the gimbal is the high resolution Agema Thermovision 1000, which is a long wave system (8-12 micron). It has 800 by 400 pixels providing good resolution with the ability to determine animals by their morphology or body shape. The thermal delta is less than 1° C, which means it can detect objects with less than 1° C different than the background. There are 2 fields of view (FOV): wide (20 °) and narrow (5°). At 1,000 ft. above ground level looking straight down using the wide FOV the footprint or area covered by the sensor is 360 ft. x 234 ft. while the narrow FOV provides a footprint 90 ft. x 59 ft. This information on the field of view footprint is for reference only since we use an oblique look angle allowing coverage of the entire transect. The sensor operator / wildlife biologist sat in the rear seat and watched a high resolution 15 in. monitor to aim and focus sensor.

The video was reviewed by playing the video backward and forward and in slow motion and frame by frame as needed to identify deer group and count within the group, and map group location. Deer were located by observing their level of emitted infrared energy versus

background levels. Video editing and image extraction was not conducted. The video was collected for use by a skilled thermographer not for entertainment or educational purposes.

Figure 1. Examples of wide and narrow fields of view (FOV). These images were extracted from video taken during the aerial infrared survey of the City of Morgantown, WV, on February 18, 2016 by Vision Air Research. Date and time recorded on the screen are GMT not local time. Figure 1a. Wide FOV was used to scan along transect for detect deer. The time "stamped" on the video is based on standard aviation time (Greenwich Mean Time - GMT), not local time.



Duplicates or repeat groups were identified. Groups were mapped at their approximate location not airplane position since the sensor looking position is in front of the airplane. I performed an additional check of the data through sampling the videotape for detection verification, and checking for duplicate groups. Orthophoto quadrangles were used as the base layer, which provided vegetation cover type to assist in mapping group locations.

Figure 1b. Narrow FOV was used to verify objects. No deer are found within this image but power lines are evident to show detection scale.



Results

The meteorological conditions were good for flight safety and infrared surveys. Image clarity was good. Locations of deer groups were plotted and the total number in each group was tallied. A total of 264 deer were found in 98 groups (Figure 2). This is a decrease the number of groups, total deer counted and group sizes were smaller. In 2011, a total of 689 deer located in 296 groups. As with found in 2011, most deer were found in forest settings. Deer group size ranged from 1 – 8 individuals. Higher group densities were found in the eastern half of Morgantown.

Detection Potential

Cover type influences the availability of the deer to be detected by the sensor. A dense canopy will make it more difficult to detect the deer since infrared, like human vision doesn't see through vegetation. It will detect through holes in the canopy. Research I've conducted to determine detection rates have been based on known target subjects. One or more individuals in a group had radio collars. The location of the target subject was monitored by a second aircrew in another airplane or via ground based crews to avoid any detection bias.

Figure 2. Deer group distributions of the City of Morgantown, WV found during the forward – looking infrared (FLIR) deer survey conducted by Vision Air Research. The aerial survey was conducted February 18, 2016 between 1900 – 2300 hours.



These controls allowed me to determine if the individual or groups were detected, were available to be detected and subsequently missed, or unavailable to be detected because they were no longer in the search area. In areas where no collared animals were available, previously detected animals were used as targets in subsequent replicates. This is similar to a mark – recapture method for determining detection. These efforts have revealed a consistency as to which variables influence detection. The vegetation cover type is the primary variable to confound detection rates. Infrared cannot detect or “see” through a canopy cover. As such, evergreen trees can thwart detection. But unlike with human vision,

IR is detecting a warmer object that will show up as "white hot" against the colder background as opposed to a brown animal against a brown or green background. Branches and tree boles can also influence detection based on the size of the animal. Cloud cover can enhance detection. Ambient temperatures do not influence detection unless it changes the subject animals habitat use or behavior. The multiple look angles provided by an oblique angle and the ability to aim and focus increases detection. Video capture instead of still images provides a dynamic view of the landscape.

Detection rates for open areas such as parks and meadow can be 100% (Figure 4), deciduous forests were roughly 86%, and conifer can range from 50 – 80% or less depending on the canopy closure. What was not obvious was the effect of bud break on detection. Although the deer, for example, could be seen visually through tree branches during bud break, the deer can be masked by the energy given off by the bud break. Buds effectively "glow" masking deer behind the canopy. Bud break may have diminished detection under some tree species and shrubs but it did not appear to be widespread during this survey.

All wildlife surveys are a snapshot in time whether they conducted from the air or ground. This survey can provide a good index or baseline for density and distribution of deer within the community.

Figure 4. Meadow or lawns provide easier detection than in the shrubs or trees.



Morgantown WV

