



Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Accokeek Co-Location for Radio Equipment

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the co-location of County public safety radio equipment on a State owned tower located at 16111 Livingston Road, Accokeek, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

14741 Governor Oden Bowie Drive, Upper Marlboro, Maryland 20772

(301) 952-5890 ■ FAX (301) 952-5892 ■ TDD (301) 985-3894

Exh. B-1

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the co-location of the County's radio equipment on the State tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

ACCOKEEK

This property is located at 16111 Livingston Road, Accokeek, Maryland, and is owned by the Accokeek Volunteer Fire Department. The radio tower will be owned and constructed by the State of Maryland. Prince George's County radio equipment will be co-located on the State tower at this site.

1. This site location was identified due to the requirement to provide coverage in the Accokeek area. An extensive assessment of alternatives to this site was conducted. No other sites in the area provide the coverage required.
2. The State desired the use of this site for their new 700 MHz statewide radio system due to its location proximate to major waterways as well as coverage for multiple counties. Accordingly, the State of Maryland agreed to build the structure with the County co-locating upon the State's tower.
3. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
4. A public hearing was held on April 9, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
5. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.



Accokeek Site



330' above ground + 191.7' above sea level



Jack B. Johnson
County Executive

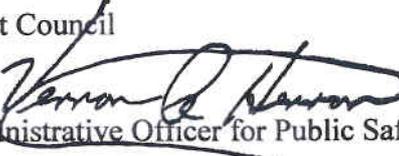
THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Carole Highlands Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 1615 Hannon Street, Chillum, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

CAROLE HIGHLANDS

This property is located at 1615 Hannon Street, Chillum, Maryland. The property is owned by the Washington Suburban Sanitation Commission. The tower is owed by Prince George's County Government.

1. This site was identified by the WSSC as a proposed radio site mutually benefiting the County and Authority.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on March 26, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
4. The site was reviewed by the Federal Aviation Administration and approved.
5. The site was reviewed successfully for compliance with federal environmental regulations.
6. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
7. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
8. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
9. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
10. This site requires a variance of property set-back.
11. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

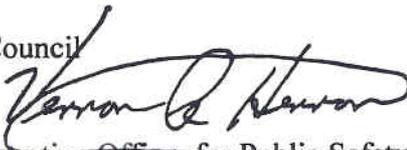
THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: CCF Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 7911 Anchor Street, Landover, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

CENTRAL COMMUNICATIONS FACILITY (CCF)

This property is located at 7911 Anchor Street, Landover, Maryland. The property and tower are owned by Prince George's County.

1. This site location is the most critical network site as the primary system electronics will be located within the CCF building. In the event of a catastrophic system failure, the CCF tower provides the basic ability to communicate with a core cadre of first responders.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on March 29, 2007 to obtain community reaction to the proposed site. No citizens opposed the site's use.
4. The site is needed to permit the relocation of public safety communications systems from the current Seat Pleasant tower site. The Seat Pleasant tower is scheduled for demolition in support of a County economic development project.
5. The site was reviewed by the Federal Aviation Administration, as required by law. The FAA mandated that the desired height of 400' be lowered to 183' because of the CCF's location within the approach/departure path of a primary Andrews Air Force Base runway. This resulted in a significant problem as the new tower was needed to support the many antennae needed at the network primary site. Due to this structure height limitation, it was necessary to request permission from the WSSC to use the existing WSSC-owned tower on the property for some system antennae. To gain use of the existing tower, a critical evaluation was conducted and any antenna not deemed to be in support of a critical system was removed. Through this harvesting of existing antennae on the WSSC tower, the limitations imposed by the FAA on the originally proposed 400' tower were overcome.
6. The site was reviewed for compliance with federal environmental regulations and successfully completed.
7. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
8. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
9. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.

10. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
11. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

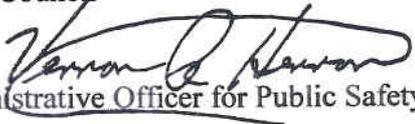
THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Cheverly Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 3001 Hospital Drive, Cheverly, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

CHEVERLY

This property is located at 3001 Hospital Drive, Cheverly, Maryland. The property and tower are owned by Prince George's County.

1. The County Council approved the incorporation of a different site in the (public safety) Tower Master Plan on January 23, 2007.
2. A public hearing was held on March 29, 2007 to obtain community reaction to the proposed site. A number of citizens as well as elected officials from the Town of Cheverly requested that the County utilize a location proximate to Prince George's Hospital. Pursuant to the request of the Town, the project team assessed the recommended alternative site on the property of Prince George's Hospital. The team found the new site to be acceptable as it is only 2,302 feet from the original site.



3. The site does not require a review by the Federal Aviation Administration due to the low height of the proposed structure.
4. The site will be reviewed for compliance with federal environmental regulations. Regulatory approval is anticipated.
5. The site will be reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties. Regulatory approval is anticipated.
6. Additional state regulatory reviews of the site, such as Forest Conservation, will be conducted. Regulatory approval is anticipated.
7. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.

8. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
9. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC will be completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.







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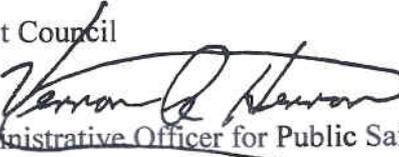
THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Cobb Road State Highway Administration Co-Location for Radio Equipment

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the co-location of County public safety radio equipment on a State owned tower located at the intersection of Cobb Road and Garden City Parkway, Lanham, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

14741 Governor Oden Bowie Drive, Upper Marlboro, Maryland 20772

(301) 952-5890 ■ FAX (301) 952-5892 ■ TDD (301) 985-3894 **Exh. B-5**

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the co-location of the County's radio equipment on the State tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

COBB ROAD SHA

This property is located at the intersection of Cobb Road and Garden City Parkway, Lanham, Maryland, and is owned by the State of Maryland. The radio tower will be owned and constructed by the State of Maryland. Prince George's County radio equipment will be co-located on the State tower at this site.

1. This site location is State-owned property.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on March 27, 2007, to obtain community reaction to the proposed site. No citizen opposed the site.
4. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

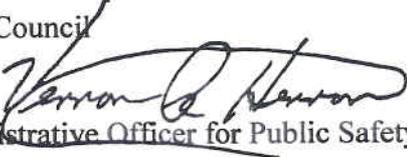
THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Department of Corrections Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 4920 Ritchie Marlboro Road, Upper Marlboro, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

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(301) 952-5890 ■ FAX (301) 952-5892 ■ TDD (301) 985-3894

Exh. B-6

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

DEPARTMENT OF CORRECTIONS/IMPOUND LOT

This property is located at 4920 Ritchie Marlboro Road, Upper Marlboro, Maryland. The property and tower are owned by Prince George's County.

1. This is also a critical site as it will house a portion of the central network control electronics.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on April 2, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
4. The site was reviewed by the Federal Aviation Administration, as required by law and approved.
5. The site was reviewed successfully for compliance with federal environmental regulations.
6. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
7. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
8. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
9. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
10. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Eagle Harbor Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 18400 Phyllis Wheatley Boulevard, Cedar Haven, Maryland pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the requests for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

EAGLE HARBOR/CEDAR HAVEN

This property is located at 18400 Phyllis Wheatley Boulevard, Cedar Haven, Maryland and is owned by Maryland National Capital Park and Planning. The radio tower will be owned by Prince George's County Government.

1. This site location was identified in consultation with the Director of the M-NCPPC as well as the Park Planning staff.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on April 3, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
4. The site was reviewed by the Federal Aviation Administration, as required by law and approved.
5. The site was reviewed for compliance with federal and state environmental regulations. The area required review by the State of Maryland Critical Areas Commission. The Critical Areas review determined that a plan of remediation was needed to replace the (minimal) number of trees removed for the radio site. The process has been successfully completed by a 1:1 tree replacement at the Nash Property site. The County anticipates complete regulatory review and approval in the immediate future.
6. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
7. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
8. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
9. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
10. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.



Eagle Harbor Site



400' above ground + 10.6' above sea level





Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT
OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Henson Creek Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 3813 Summer Road, Suitland, Maryland pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

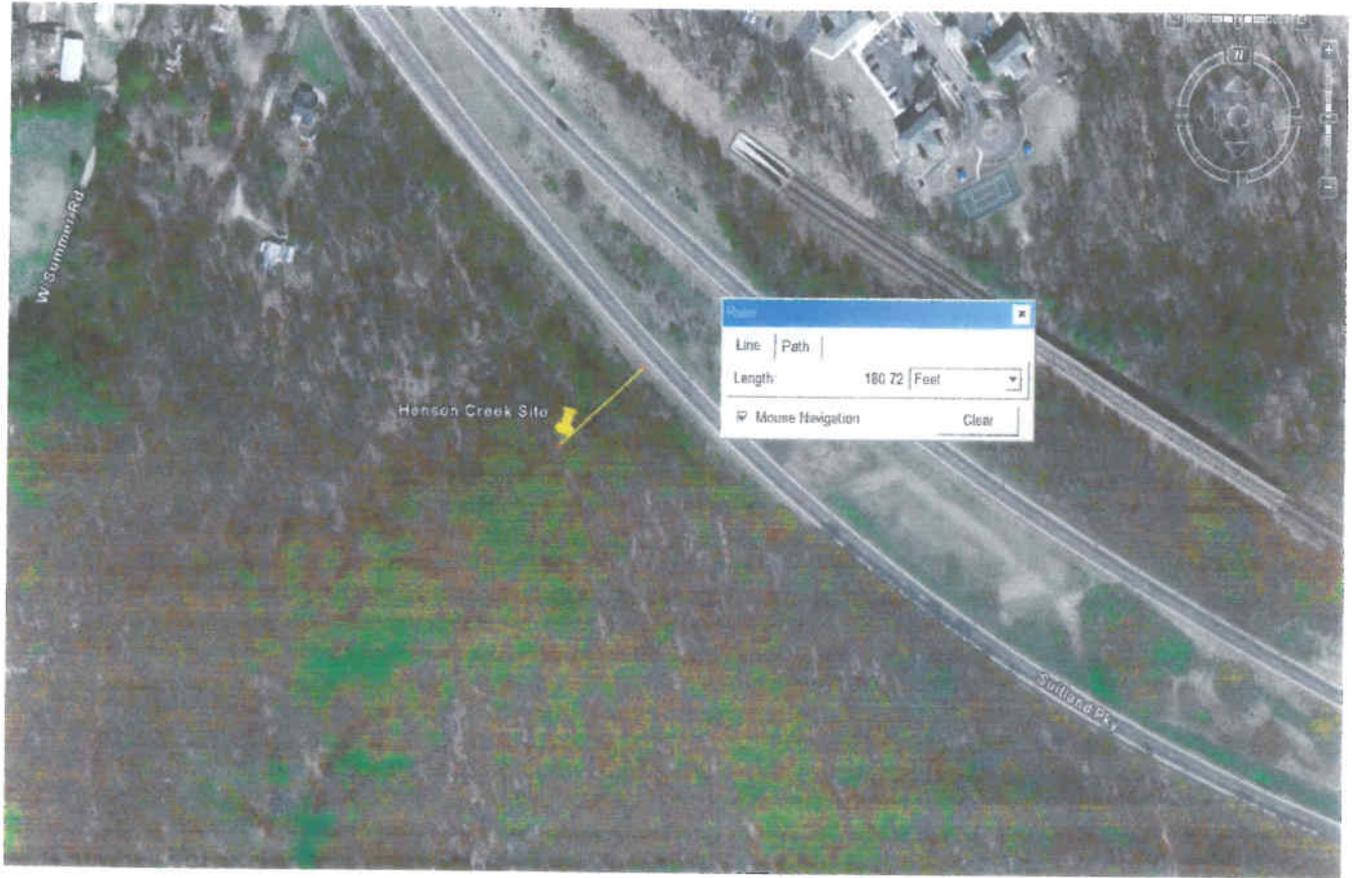
HENSON CREEK

This property is located at 3813 Summer Road, Suitland, Maryland and is owned by Maryland National Capital Park and Planning. The radio tower will be owned by Prince George's County Government.

1. This site location was identified in consultation with the Director of the M-NCPPC as well as the Park Planning staff.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on April 3, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
4. The site was reviewed by the Federal Aviation Administration, as required by law.
5. The site was reviewed successfully for compliance with federal environmental regulations.
6. The site was reviewed for compliance with federal historic preservation regulations. There is an old home on the property (in very poor condition) that is marginally eligible to be placed on the National Historic Preservation List. With respect to this finding, alternative sites were identified with the M-NCPPC planning staff. Two potentially acceptable sites were identified. Through an assessment of the alternatives, a different site was selected that was further away from the eligible historic property. The selected site was also further from residential areas than the alternative site. Finally, the selected site was significantly less expensive to construct than the alternative sites.
7. A variance for the selected Henson Creek site is needed because the closest tower leg is 83' from the property line or 82' less than the desired set-back of 165'. However, it is extremely important to note that the adjoining parcel is a wooded area owned by the United States National Park Service proximate to Suitland Parkway that serves as a buffer to Suitland Parkway. The wooded area will always be a buffer area with no residential or business development in the area between the proposed radio site and Suitland Parkway.
8. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.

9. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
10. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
11. This site requires a variance of property set-back.
12. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT
OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Jericho Park Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 9510 Laurel Bowie Road, Bowie, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

JERICO PARK

This property is located at 9510 Laurel Bowie Road, Bowie, Maryland and is owned by the City of Bowie. The radio tower will be owned by Prince George's County Government.

1. A public hearing was held in the Bowie community to discuss site impact issues in November of 2006.
2. This site was selected by the City of Bowie administration and approved by the City Council in December of 2006.
3. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
4. The site was reviewed by the Federal Aviation Administration, as required by law and approved based upon a requirement to lower the structure height from the proposed 330' to 285' because of its proximity to a local airport.
5. The site was reviewed successfully for compliance with federal environmental regulations.
6. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
7. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
8. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
9. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
10. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

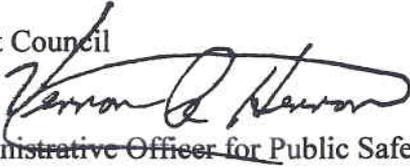
THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Marlboro State Highway Administration Co-Location for Radio Equipment

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the co-location of County public safety radio equipment on a State owned tower located at 6500 Crain Highway, Upper Marlboro, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the co-location of the County's radio equipment on the State tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

MARLBORO SHA

This property is located at 6500 Crain Highway, Upper Marlboro, Maryland, and is owned by the State of Maryland. The radio tower will be owned and constructed by the State of Maryland. Prince George's County radio equipment will be co-located on the State tower at this site.

1. This site location is State-owned property.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on April 2, 2007, to obtain community reaction to the proposed site. No citizen opposed the site.
4. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT
OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Tantallon Co-Location for Radio Equipment

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the co-location of County public safety radio equipment on a State owned tower located at 10900 Fort Washington Road, Fort Washington, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the co-location of the County's radio equipment on the State tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

TANTALLON

This property is located at 10900 Fort Washington Road, Fort Washington, Maryland, and is owned by the Prince George's County. The radio tower will be owned and constructed by the State of Maryland. Prince George's County radio equipment will be co-located on the State tower at this site.

1. The State desired the use of this site for their new 700 MHz statewide radio system due to its location proximate to major waterways as well as coverage for multiple counties. Accordingly, the State of Maryland agreed to build the structure with the County co-locating upon the State's tower.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on April 5, 2007, to obtain community reaction to the proposed site. No citizen opposed the site.
4. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.



Tantallon



130" above ground + 41.5' above sea level



Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Trap and Skeet Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 10400 Good Luck Road, Glendale, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

TRAP AND SKEET

This property is located at 10400 Good Luck Road, Glendale, Maryland and is owned by Maryland National Capital Park and Planning. The radio tower will be owned by Prince George's County Government.

1. This site location was identified in consultation with the Director of the M-NCPPC as well as the Park Planning staff.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on March 28, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
4. The site was reviewed by the Federal Aviation Administration, as required by law and approved.
5. The site was reviewed successfully for compliance with federal environmental regulations. The National Aeronautics and Space Administration (NASA) conducted an additional assessment to ensure that the site would not produce any interference to their electronics.
6. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
7. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
8. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
9. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
10. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

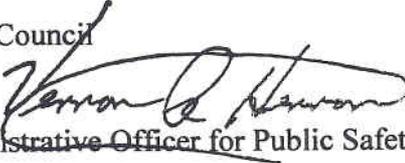
THE PRINCE GEORGE'S COUNTY GOVERNMENT

OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Watkins Park Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 301 Watkins Park Drive, Kettering, Maryland pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

14741 Governor Oden Bowie Drive, Upper Marlboro, Maryland 20772

(301) 952-5890 ■ FAX (301) 952-5892 ■ TDD (301) 985-3894 **Exh. B-13**

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

WATKINS PARK

This property is located at 301 Watkins Park Drive, Kettering, Maryland and is owned by Maryland National Capital Park and Planning. The radio tower will be owned by Prince George's County Government.

1. This site location was identified in consultation with the Director of the M-NCPPC as well as the Park Planning staff.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on April 2, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
4. The site was reviewed by the Federal Aviation Administration, as required by law and approved.
5. The site was reviewed by a federally certified inspector to ensure that a flower on the endanger species list was not on the property. The review determined that the flower was not present and the entire review for compliance with federal environmental regulations was successfully completed.
6. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
7. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
8. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
9. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
10. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety **reliability** standard of permitting communications 99.9999% of the time.





Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT
OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: US 50/301 Co-Location for Radio Equipment

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding co-location of County public safety radio equipment on a State owned tower located at the intersection of US 50 and US 301, Bowie, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

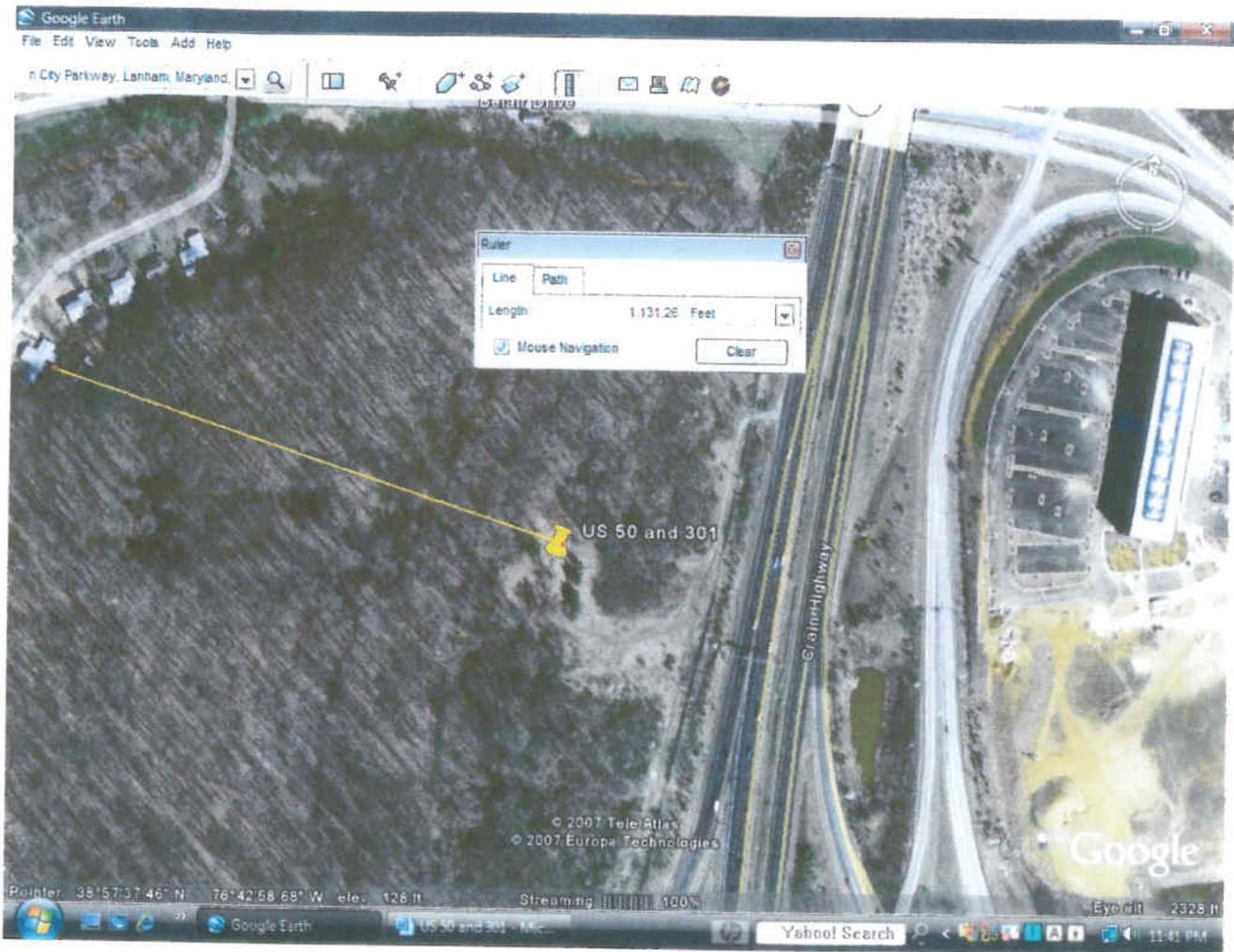
As the DCAO for Public Safety, I appreciate the District Council's support for the co-location of the County's radio equipment on the State tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

US 50/301

This property is located at the intersection of US 50 and US 301, Bowie, Maryland and is owned by Maryland National Capital Park and Planning. The radio tower will be owned and constructed by the State of Maryland. Prince George's County radio equipment will be co-located on the State tower at this site.

1. This site location was identified in consultation with the Director of the M-NCPPC as well as the Park Planning staff.
2. The State desired the use of this site for their new 700 MHz statewide radio system due to its location proximate to major highways as well as coverage for multiple counties. Accordingly, the State of Maryland agreed to build and own the structure with the County co-locating upon the State's tower.
3. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
4. A public hearing was held on March 28, 2007, to obtain community reaction to the proposed site. No citizen opposed the site.
5. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.





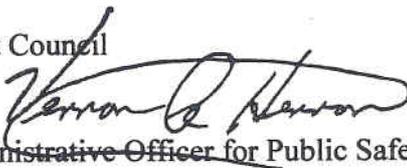
Jack B. Johnson
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT
OFFICE OF HOMELAND SECURITY



MEMORANDUM

TO: Clerk of the District Council

FROM: Vernon R. Herron 
Deputy Chief Administrative Officer for Public Safety and Homeland Security

REF: Temple Hills Public Safety Radio Tower

DATE: August 23, 2007

The purpose of this package of information is to provide the Prince George's County District Council with information regarding the construction of a public safety radio tower located at 8444 Temple Hills Road; Temple Hills, Maryland, pursuant to the applicable provisions of the Prince George's County Code.

The proposed public safety radio tower will supplement several existing State of Maryland, Prince George's County, and Washington Suburban Sanitary Commission structures and is required to support the County's new 700/800 MHz public safety radio system. The tower described in this document is one (1) of a total of fifteen (15) new structures which are needed to support the system's network. Of this number, ten (10) towers are proposed for development by the County and an additional five (5) are owned and constructed by the State.

Without each of the towers constructed as proposed for construction or co-location, the first responders operating within the County's borders will not have the benefit of a reliable and contemporary interoperable public safety radio system. The United States Department of Homeland Security (DHS) has identified public safety communications interoperability as one of the major priorities for enhancing the public's safety as well as the effectiveness of its first responders.

Because the current County radio system relies upon technology developed approximately forty (40) years ago, it is important for the County to implement the new public safety radio system as quickly as practical. For some system components, replacement parts are no longer made requiring the cannibalization of other radios to keep the system on-the-air.

Upon the approval of the Prince George's County Council on January 23, 2007, to incorporate the towers into the County's Master Plan, the project team initiated the required regulatory reviews. The initiation of the regulatory reviews started an intensive process of conducting site assessments as required by federal, state, and local governments. To date, over \$900,000 has been expended to comply with the requirements of the National Environmental Policy Act, Section 106 of the Federal Historic Preservation Act, and other regulatory as well as engineering reviews needed to approve a potential radio site. Absent the successful completion of these reviews, the proposed site could not be used as a federally licensed transmitter location.

The County's contract with Motorola, the radio system supplier, requires that building permits were to be made available for radio site construction on August 6, 2007. Obviously the project did not meet that date and as such, the County is subject to certain delay penalties as contained in the Agreement with Motorola. Because of the critical nature of the public safety radio system and contractual requirements between the County and Motorola, the project team respectfully requests that the District Council take up the request for action as contained in this document on an expedited basis.

As the DCAO for Public Safety, I appreciate the District Council's support for the construction of the tower identified in this material. The Council's support ensures progress in the implementation of the new public safety 700/800 MHz radio communications system, and the County's ability to meet local and regional public safety demands.

TEMPLE HILLS

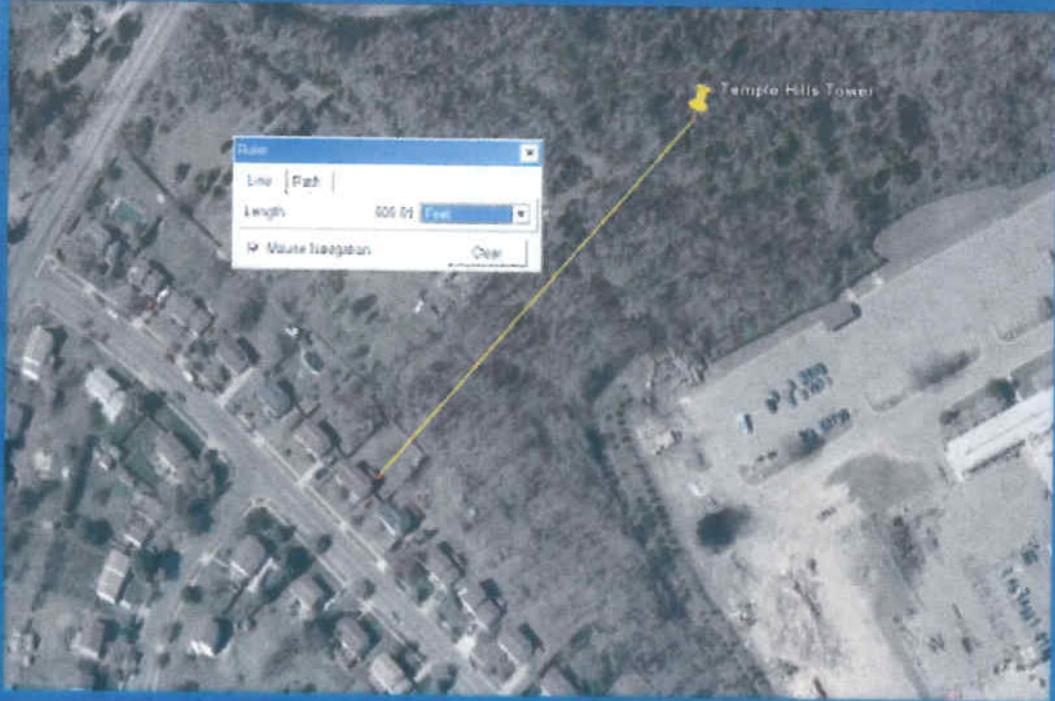
This property is located at 8444 Temple Hills Road; Temple Hills, Maryland. The property is owned by the Washington Suburban Sanitation Commission. The tower is owned by Prince George's County Government.

1. This site was identified by the WSSC as a proposed radio site mutually benefiting the County and Authority.
2. The County Council approved the incorporation of this site in the (public safety) Tower Master Plan on January 23, 2007.
3. A public hearing was held on April 5, 2007 to obtain community reaction to the proposed site. No citizen opposed the site.
4. The site was reviewed by the Federal Aviation Administration with an order to reduce the proposed structure height from 300' to 285' as the tower is within the approach/departure path of Andrews Air Force Base.
5. The site was reviewed successfully for compliance with federal environmental regulations.
6. The site was reviewed for compliance with federal historic preservation regulations with a determination of no adverse impacts upon any historical properties.
7. Additional state regulatory reviews of the site, such as Forest Conservation, were conducted successfully.
8. Following regulatory approval, a geotechnical assessment was conducted. The assessment indicated that the tower could be appropriately constructed on the site.
9. Motorola has certified that the site permits the transmission of a reliable¹ microwave path to the adjoining network sites.
10. All local preliminary reviews, including those of Department of Environmental Resources (DER), Department of Public Works and Transportation (DPWT), and M-NCPPC have been completed for submission of this request to the District Council.

¹ The microwave path meets the accepted public safety reliability standard of permitting communications 99.9999% of the time.



Temple Hills



285' above ground + 246.1' above sea level